2024 GRAND WAGONEER / WAGONEER
OWNER'S MANUAL

WAGONEER

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Actual products sold may vary.

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INTRODUCTION

Dear Customer,

Congratulations on the purchase of your new Wagoneer/Grand Wagoneer. Be assured that it represents precision workmanship, distinctive styling, and high quality.

The Wagoneer/Grand Wagoneer is a specialized utility vehicle. It can go places and perform tasks that are not intended for conventional passenger vehicles. It handles and maneuvers differently from many passenger vehicles both on-road and off-road, so take time to become familiar with your vehicle. If equipped, the two-wheel drive version of this vehicle was designed for on-road use only. It is not intended for off-road driving on rugged terrain or use in other severe conditions suited for a four-wheel drive vehicle. Before you drive this vehicle, read the Owner's Manual. Be sure you are familiar with all vehicle controls, particularly those used for braking, steering, transmission, and transfer case shifting. Learn how your vehicle handles on different road surfaces. Driving skills improve with experience. When driving off-road, or working the vehicle, don't overload the vehicle or expect the vehicle to overcome the natural laws of physics. Always observe state, provincial and local laws wherever you drive. As with other vehicles of this type, failure to operate this vehicle correctly may result in loss of control or a collision ⇨ page 167.

This Owner's Manual has been prepared with the assistance of service and engineering specialists to acquaint you with the operation and maintenance of your vehicle. It is supplemented by customer-oriented documents. Within this information, you will find a description of the services that FCA offers to its customers as well as the details of the terms and conditions for maintaining its validity. Please take the time to read all of these publications carefully before driving your vehicle for the first time. Following the instructions, recommendations, tips, and important warnings in this manual will help ensure safe and enjoyable operation of your vehicle.

This Owner's Manual describes all versions of this vehicle. Options and equipment dedicated to specific markets or versions are not expressly indicated in the text. Therefore, you should only consider the information that is related to the trim level, engine, and version that you have purchased. Any content introduced throughout the Owner's Information, which may or may not be applicable to your vehicle, will be identified with the wording "If Equipped". All data contained in this publication are intended to help you use your vehicle in the best possible way. FCA aims at a constant improvement of the vehicles produced. For this reason, it reserves the right to make changes to the model described for technical and/or commercial reasons. For further information, contact an authorized dealer.

When it comes to service, remember that authorized dealers know your vehicle best, have factory-trained technicians, genuine Mopar® parts, and care about your satisfaction.

IMPORTANT NOTICE

ALL MATERIAL CONTAINED IN THIS PUBLICATION IS BASED ON THE LATEST INFORMATION AVAILABLE AT THE TIME OF PUBLICATION APPROVAL. THE RIGHT IS RESERVED TO PUBLISH REVISIONS AT ANY TIME.

After you have read the Owner's Manual, it should be stored in the vehicle for convenient reference and remain with the vehicle when sold.

The Owner's Manual illustrates and describes the features that are standard or available as extra cost options. Therefore, some of the equipment and accessories in this publication may not appear on your vehicle.

NOTE:

Be sure to read the Owner's Manual first before driving your vehicle and before attaching or installing parts/accessories or making other modifications to the vehicle.

In view of the many replacement parts and accessories from various manufacturers available in the market, FCA cannot be certain that the driving safety of your vehicle will not be impaired by the attachment or installation of such parts. Even if such parts are officially approved (for example, by a general operating permit for the part or by constructing the part in an officially approved design), or if an individual operating permit was issued for the vehicle after the attachment or installation of such parts, it cannot be implicitly assumed that the driving safety of your vehicle is unimpaired. Therefore, neither experts nor official agencies are liable. FCA only assumes responsibility when parts, which are expressly authorized or recommended by FCA, are attached or installed at an authorized dealer. The same applies when modifications to the original condition are subsequently made on FCA vehicles.

Your warranties do not cover any part that FCA did not supply. Nor do they cover the cost of any repairs or adjustments that might be caused or needed because of the installation or use of non-manufacturer parts, components, equipment, materials, or additives. Nor do your warranties cover the costs of repairing damage or conditions caused by any changes to your vehicle that do not comply with FCA specifications.

FCA reserves the right to make changes in design and specifications, and/or to make additions to or improvements in its products without imposing any obligations upon itself to install them on products previously manufactured.

SYMBOLS KEY

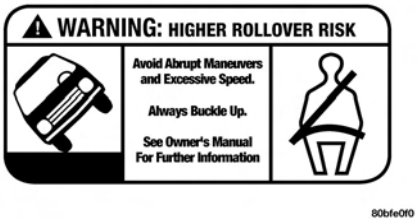
WARNING!	These statements apply to operating procedures that could result in a collision, bodily injury and/or death.
CAUTION!	These statements apply to procedures that could result in damage to your vehicle.
NOTE:	A suggestion which will improve installation, operation, and reliability. If not followed, may result in damage.
TIP:	General ideas/solutions/suggestions on easier use of the product or functionality.
PAGE REFERENCE ARROW	Follow this reference for additional information on a particular feature.
FOOTNOTE	Supplementary and relevant information pertaining to the topic.

If you do not read the entire Owner's Manual, you may miss important information. Observe all Cautions and Warnings.

ROLLOVER WARNING

Utility vehicles have a significantly higher rollover rate than other types of vehicles. This vehicle has a higher ground clearance and a higher center of gravity than many passenger vehicles. It is capable of performing better in a wide variety of off-road applications. Driven in an unsafe manner, all vehicles can go out of control. Because of the higher center of gravity, if this vehicle is out of control, it may roll over while some other vehicles may not.

Do not attempt sharp turns, abrupt maneuvers, or other unsafe driving actions that can cause loss of vehicle control. Failure to operate this vehicle safely may result in a collision, rollover of the vehicle, and severe or fatal injury. Drive carefully.



Rollover Warning Label

Failure to use the driver and passenger seat belts provided is a major cause of severe or fatal injury. In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt. Always buckle up.

VEHICLE MODIFICATIONS/ALTERATIONS

WARNING!
Any modifications or alterations to this vehicle could seriously affect its roadworthiness and safety and may lead to a collision resulting in serious injury or death.

SYMBOLS GLOSSARY

Some car components have colored labels with symbols indicating precautions to be observed when using this component. It is important to follow all warnings when operating your vehicle. See below for the definition of each symbol ⇨ page 96.

NOTE:
Warning and Indicator lights are different based upon equipment options and current vehicle status. Some telltales are optional and may not appear.

Red Warning Lights	
	Air Bag Warning Light ⇨ page 96
	Brake Warning Light ⇨ page 96
	Battery Charge Warning Light ⇨ page 97

Red Warning Lights	
	Door Open Warning Light ⇨ page 97
	Drowsy Driver Detected Warning Light ⇨ page 97
	Electric Power Steering (EPS) Fault Warning Light ⇨ page 97
	Electronic Throttle Control (ETC) Warning Light ⇨ page 97
	Engine Coolant Temperature Warning Light ⇨ page 97
	Hood Open Warning Light ⇨ page 98

Red Warning Lights	
	Liftgate Open Warning Light ⇨ page 98
	Night Vision Animal Detected Warning Light ⇨ page 98
	Night Vision Pedestrian Detected Warning Light ⇨ page 98
	Oil Level Warning Light ⇨ page 98
	Oil Pressure Warning Light ⇨ page 98
	Oil Temperature Warning Light ⇨ page 98

Red Warning Lights	
	Seat Belt Reminder Warning Light ⇨ page 98
	Speed Warning Light ⇨ page 98
	Transmission Temperature Warning Light ⇨ page 98
	Vehicle Security Warning Light ⇨ page 99

Yellow Warning Lights	
	Air Suspension Fault Warning Light ⇨ page 99
	Anti-Lock Brake System (ABS) Warning Light ⇨ page 99

Yellow Warning Lights	
	Drowsy Driver Detected System Fault Warning Light ⇨ page 99
	Electric Park Brake Warning Light ⇨ page 99
	Electronic Stability Control (ESC) Active Warning Light ⇨ page 99
	Electronic Stability Control (ESC) OFF Warning Light ⇨ page 99
	Service Active Lane Management Warning Light ⇨ page 99
	Active Lane Management Warning Light ⇨ page 99

Yellow Warning Lights	
	Fuel Cutoff Failure Warning Light ⇨ page 100
	Low Fuel Warning Light ⇨ page 100
	Low Washer Fluid Warning Light ⇨ page 100
	Night Vision Animal Detected Warning Light ⇨ page 100
	Night Vision Pedestrian Detected Warning Light ⇨ page 100
	Engine Check/Malfunction Indicator Warning Light (MIL) ⇨ page 100

Yellow Warning Lights	
	Oil Level Sensor Fault Warning Light ⇨ page 100
SERV 4WD	Service 4WD Warning Light ⇨ page 100
	Service Adaptive Cruise Control (ACC) Warning Light ⇨ page 101
	Service Forward Collision Warning (FCW) Or Pedestrian Emergency Braking (PEB) Warning Light ⇨ page 101
	Service Stop/Start System Warning Light ⇨ page 101
	Tire Pressure Monitoring System (TPMS) Warning Light ⇨ page 101

Yellow Warning Lights	
	Towing Hook Breakdown Warning Light ⇨ page 102

Yellow Indicator Lights	
4WD LOW	4WD Low Indicator Light ⇨ page 102
	Air Suspension Active Indicator Light ⇨ page 102
AERO	Air Suspension Aerodynamic Height Indicator Light ⇨ page 102
ENTRY/ EXIT	Air Suspension Entry/Exit Indicator Light ⇨ page 102
OFF RD 1	Air Suspension Off-Road 1 Indicator Light ⇨ page 102

Yellow Indicator Lights	
OFF RD 2	Air Suspension Off-Road 2 Indicator Light ⇨ page 102
HOLD!	Auto HOLD! Fault Indicator Light ⇨ page 102
OFF	Forward Collision Warning (FCW) / Pedestrian Emergency Braking (PEB) Off Indicator Light ⇨ page 102
NEUTRAL	NEUTRAL Indicator Light ⇨ page 102
	Maximum Payload Exceeded Indicator Light ⇨ page 102
TOW/ HAUL	TOW/HAUL Indicator Light ⇨ page 102

Green Indicator Lights	
	Adaptive Cruise Control (ACC) Set With Target Indicator Light ⇨ page 103
	Adaptive Cruise Control (ACC) Set With No Target Detected Indicator Light ⇨ page 103
HOLD	Auto HOLD Indicator Light ⇨ page 103
	Cruise Control SET Indicator Light ⇨ page 103
	Front Fog Indicator Light ⇨ page 103
	Active Lane Management Indicator Light ⇨ page 103

Green Indicator Lights	
	Intelligent Speed Assist (ISA) Set Indicator Light ⇨ page 103
	Night Vision Active Indicator Light ⇨ page 103
	Parking/Headlights On Indicator Light ⇨ page 103
	Sport Mode Indicator Light ⇨ page 103
	Stop/Start Active Indicator Light ⇨ page 103
	Turn Signal Indicator Lights ⇨ page 103

White Indicator Lights	
	Adaptive Cruise Control (ACC) Ready Indicator Light ⇨ page 104
	Cruise Control Ready Indicator Light ⇨ page 104
	Hill Descent Control (HDC) Indicator Light ⇨ page 104
	Intelligent Speed Assist (ISA) Ready Indicator Light ⇨ page 104
	Active Lane Management Indicator Light ⇨ page 104
	Rear Seat Unoccupied Indicator Light ⇨ page 104

White Indicator Lights	
	Selec-Speed Control Indicator Light ⇨ page 104

Blue Indicator Lights	
	High Beam Indicator Light ⇨ page 104

Gray Indicator Lights	
	Night Vision Suppressed Indicator Light ⇨ page 104

KEYS

KEY FOB

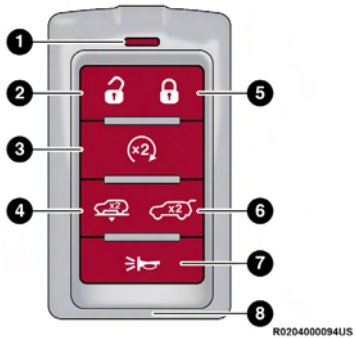
Your vehicle is equipped with a key fob which supports Passive Entry, Remote Keyless Entry (RKE), Keyless Enter 'n Go™ (if equipped), Remote Air Suspension Lowering, and Remote Start (if equipped). The key fob allows you to lock or unlock all doors, liftgate, and fuel door, as well as activate the Panic Alarm from distances up to approximately 66 ft (20 m). The key fob does not need to be pointed at the vehicle to activate the system. The key fob also contains an emergency key, which is stored in the rear of the key fob.

NOTE:

In vehicles equipped with Remote Start, the key fob will operate at distances up to 328 ft (100 m).

NOTE:

- The key fob's wireless signal may be blocked if the key fob is located next to a mobile phone, laptop, or other electronic device. This may result in poor performance.
- If your vehicle is equipped with a Wireless Charging Pad, the key fob may not be detected if it is placed within 6 inches (15 cm) of the pad ⇨ page 71.
- With the ignition in the ON position and the vehicle moving at 2 mph (4 km/h), all RKE commands are disabled.



Key Fob

1 — LED Indicator
2 — Unlock
3 — Remote Start
4 — Air Suspension Remote Lowering (If Equipped)
5 — Lock
6 — Power Liftgate
7 — Panic
8 — Emergency Key

In case the ignition switch does not change positions with the push of a button, the key fob may have a low or fully depleted battery. A low key fob battery can be verified by referring to the instrument cluster, which will display directions to follow.

For more information on ignition positions, see ⇨ page 20.

NOTE:

A low key fob battery condition may be indicated by a message in the instrument cluster display, or by the LED light on the key fob. If the LED key fob light no longer illuminates after a key fob button is pushed, then the key fob battery requires replacement.

To Lock/Unlock The Doors And Liftgate

Push and release the unlock button on the key fob once to unlock the driver's door, or twice within five seconds to unlock all the doors, liftgate, and fuel door. To lock all the doors, liftgate, and fuel door, push the lock button once.

When the doors are unlocked, the turn signals will flash and the illuminated entry system will be activated. When the doors are locked, the turn signals will flash and the horn will chirp.

NOTE:

- If the vehicle is equipped with the Auto Relock feature, and is unlocked with the key fob, and no door is opened within 60 seconds, the vehicle will relock and the Vehicle Security system will arm (if equipped). This feature can be enabled/disabled within Uconnect Settings.
- If one or more doors are open, or the liftgate is open, the doors will lock. The doors will unlock again automatically if the key fob is left inside the passenger compartment, otherwise the doors will stay locked.

All doors can be programmed to unlock on the first push of the unlock button through Uconnect Settings ⇨ page 170.

Using The Panic Feature

To turn the Panic feature on or off, push the Panic button on the key fob. When the Panic feature is activated, the turn signals will flash, the horn may pulse on and off (if equipped with horn alarm), and the interior lights will turn on.

The Panic feature will stay on for three minutes unless you turn it off by either pushing the Panic button a second time or drive the vehicle at a speed of 15 mph (24 km/h) or greater.

NOTE:

- The interior lights will turn off if you place the ignition in the ON/RUN position while the Panic feature is activated. However, the exterior lights and horn (if equipped with horn alarm) will remain on.
- You may need to be closer than 66 ft (20 m) from the vehicle when using the key fob to turn off the Panic feature due to the radio frequency noises emitted by the system.

Air Suspension (Remote Lowering Of The Vehicle) — If Equipped

For easy entry and loading, your vehicle can be lowered to Entry/Exit height by pushing the key fob air suspension button two times. When air suspension lowering is requested using the key fob, the vehicle will send a series of chirps and flashes (when enabled within Uconnect Settings) to alert the customer that the operation has begun and will continue these alerts until it successfully lowers.

The following conditions must be met for the vehicle to lower remotely:

- The vehicle must not already be in Entry/Exit (Park) ride height.
- The vehicle battery must be fully charged.
- All doors must be closed.
- The key fob must be out of the vehicle.

NOTE:

Ensure the vehicle is clear of all objects, pets, and people prior to remote lowering.

Canceling Remote Lowering

Vehicle lowering can be canceled at anytime. When vehicle lowering is canceled, the vehicle will raise up to the next defined level and lock out the remote lowering feature for five seconds before a new request can be made.

To cancel vehicle lowering, push the key fob air suspension button one time during the lowering process. When vehicle lowering is canceled, the horn will chirp two times and the turn signals will flash four times. Once raising is completed, the horn will chirp one time.

NOTE:

For more information on Air Suspension, see ⇨ page 118.

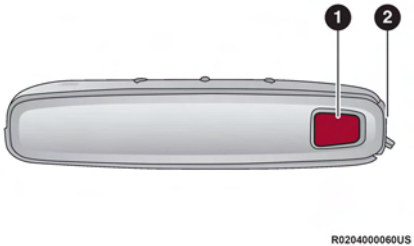
Replacing The Battery In The Key Fob

The replacement battery model is one CR2450 battery.

NOTE:

- Customers are recommended to use a battery obtained from Mopar®. Aftermarket coin battery dimensions may not meet the original OEM coin battery dimensions.
- Perchlorate Material — special handling may apply.
- Do not touch the battery terminals that are on the back housing or the printed circuit board.
- Do not replace the coin battery if the LED on the key fob above the top row buttons blinks when a button is pressed. The coin battery should last a minimum of three years with normal vehicle usage.

1. Remove the emergency key by pushing the emergency key release button (1) on the side of the key fob, and pulling the emergency key (2) out with your other hand.



Emergency Key Removal

1 — Emergency Key Release Button
2 — Emergency Key

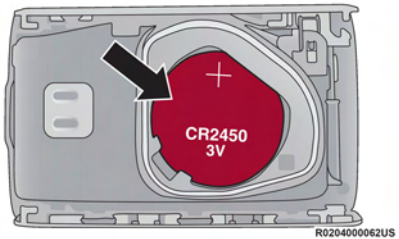
Emergency Key Removed

2. Hold the key fob with the button side facing down, and locate the small rectangular gap on the left side between the housing and the back cover of the key fob. Use a small flat-bladed tool to pry open the left side of the fob cover while applying pressure until the cover snaps open.

Pry Apart Key Fob Halves

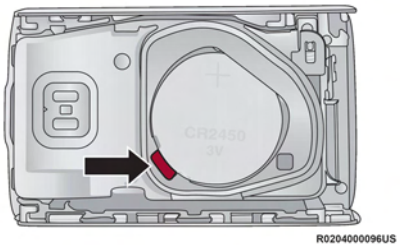
3. Next, locate the gap on the right side of the key fob, which is positioned farther to the edge than the left side gap. Pry open the right side, and remove the back cover.

4. Remove the battery by using your thumb to slide the battery downward and back toward the key ring.



Key Fob Battery Location

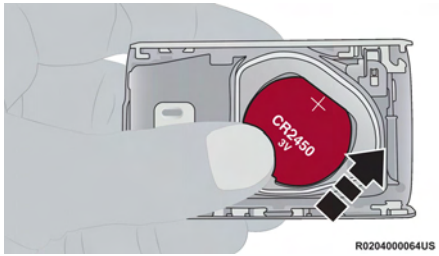
NOTE:
You can also insert a screwdriver or similar tool into the battery removal pocket to pry the battery out.



Battery Removal Pocket

NOTE:
When replacing the battery, ensure the (+) sign on the battery is facing upward. Avoid touching the new battery with your fingers. Skin oils may cause battery deterioration. If you touch a battery, clean it with rubbing alcohol.

5. Replace the battery by using your thumb to push down and slide the battery under the small lip on the top edge of the opening.



Key Fob Battery Replacement

6. To assemble the key fob case, line up the top edge of the back cover with the top of the fob, and press the edges into the interlocking hinges until all edges snap together with no large visual gaps.

7. Reinsert the emergency key until it locks into place.

NOTE:
The key fob battery should only be replaced by qualified technicians. If the battery requires replacement, see an authorized dealer.

WARNING!

- The integrated key fob contains a coin cell battery. Do not ingest the battery; there is a chemical burn hazard. If the coin cell battery is swallowed, it can cause severe internal burns in just two hours and can lead to death.
- If you think a battery may have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

Programming And Requesting Additional Key Fobs

Programming the key fob may be performed by an authorized dealer.

NOTE:

- Once a key fob is programmed to a vehicle, it cannot be repurposed and reprogrammed to another vehicle.
- Only key fobs that are programmed to the vehicle electronics can be used to start and operate the vehicle.

WARNING!

- Always remove the key fobs from the vehicle and lock all doors when leaving the vehicle unattended.

(Continued)

WARNING!

- For vehicles equipped with Keyless Enter ‘n Go™ Ignition, always remember to place the ignition in the OFF position when exiting the vehicle.

Duplication of key fobs may be performed at an authorized dealer. This procedure consists of programming a blank key fob to the vehicle electronics. A blank key fob is one that has never been programmed.

NOTE:

- When having the Sentry Key Immobilizer system serviced, bring all vehicle keys with you to an authorized dealer.
- Keys must be ordered to the correct key cut to match the vehicle locks.
- It is not mandatory to replace the key fob if a new emergency key is needed, and vice versa.

SENTRY KEY

The Sentry Key Immobilizer system prevents unauthorized vehicle operation by disabling the engine. The system does not need to be armed or activated. Operation is automatic, regardless of whether the vehicle is locked or unlocked.

The system uses a key fob, keyless push button ignition and a Radio Frequency (RF) receiver to prevent unauthorized vehicle operation. Therefore, only key fobs that are programmed to the vehicle can be used to start and operate the vehicle. The system cannot reprogram a key fob obtained from another vehicle.

After placing the ignition in the ON/RUN position, the Vehicle Security Light will turn on for three seconds for a bulb check. If the light remains on after the bulb check, it indicates that there is a problem with the electronics. In addition, if the light begins to flash after the bulb check, it indicates that someone attempted to start the engine with an invalid key fob. If a valid key fob is used to start the engine but there is an issue with the vehicle electronics, the engine will start and shut off after two seconds.

NOTE:

If the keyless push button ignition fails to start, the key fob may need to be moved around if it has been idle for more than 5 minutes.

If the Vehicle Security Light turns on during normal vehicle operation (vehicle running for longer than 10 seconds), it indicates that there is a fault in the electronics. Should this occur, have the vehicle serviced as soon as possible by an authorized dealer.

CAUTION!

The Sentry Key Immobilizer system is not compatible with some aftermarket Remote Start systems. Use of these systems may result in vehicle starting problems and loss of security protection.

All of the key fobs provided with your new vehicle have been programmed to the vehicle electronics.

NOTE:

A key fob that has not been programmed is also considered an invalid key.

IGNITION SWITCH

KEYLESS ENTER ‘N GO™ IGNITION

This feature allows the driver to operate the ignition switch with the push of a button as long as the key fob is in the passenger compartment.

The START/STOP ignition button has several operating modes that are labeled and will illuminate when in position. These modes are OFF, ON/RUN, and START.

START/STOP Ignition Button

1 — OFF
2 — ON/RUN

The push button ignition can be placed in the following modes:

OFF

- The engine is stopped
- Some electrical devices (e.g. power locks, alarm, etc.) are still available

ON/RUN

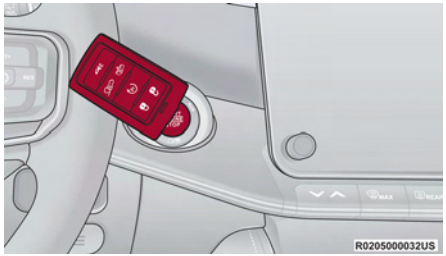
- Driving position
- All electrical devices are available (e.g. climate controls, heated seats, etc.)

START

- The engine will start (when foot is on the brake pedal)

NOTE:

- If the ignition position does not change with a push of the ignition button, and the instrument cluster displays a message such as “Key Fob Not Detected”, the key fob may have a low or depleted battery. In this situation, a backup method can be used to operate the ignition switch. Put the nose side of the key fob (side opposite of the emergency key) against the START/STOP ignition button and push to operate the ignition switch.
- Replacement of the key fob battery is recommended.



Depleted Key Fob Battery Procedure

WARNING!

- When exiting the vehicle, always remove the key fob from the vehicle and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle.
- Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the Keyless Enter ‘n Go™ Ignition in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.
- Do not leave children or animals inside parked vehicles in hot weather. Interior heat buildup may cause serious injury or death.

CAUTION!

An unlocked vehicle is an invitation for thieves. Always remove key fob from the vehicle and lock all doors when leaving the vehicle unattended.

NOTE:

- The key fob may not be detected by the vehicle Keyless Enter ‘n Go™ system if it is located next to a mobile phone, laptop or other electronic device; these devices may block the key fob’s wireless signal and prevent the Keyless Enter ‘n Go™ system from starting the vehicle.

- For more information on the engine starting procedure, see ⇨ page 106.
- When opening the driver's door and the ignition is in the ON/RUN position (engine not running), a chime will sound to remind you to place the ignition in the OFF position. In addition to the chime, the message “Ignition ON” will display in the cluster.

REMOTE START — IF EQUIPPED

This system uses the key fob to start the engine conveniently from outside the vehicle while still maintaining security. The system has a range of approximately 328 ft (100 m).

Remote Start is used to defrost windows in cold weather, and to reach a comfortable climate in all ambient conditions before the customer enters the vehicle.

NOTE:

Obstructions between the vehicle and key fob may reduce this range.

WARNING!

- Do not start or run an engine in a closed garage or confined area. Exhaust gas contains carbon monoxide which is odorless and colorless. Carbon monoxide is poisonous and can cause serious injury or death when inhaled.
- Keep key fobs away from children. Operation of the Remote Start system, windows, door locks or other controls could cause serious injury or death.

HOW TO USE REMOTE START

Push and release the Remote Start button on the key fob twice within five seconds. The vehicle doors will lock, the parking lights will flash, and the horn will chirp twice (if programmed). Then, the engine will start, and the vehicle will remain in the Remote Start mode for a 15 minute cycle. Pushing the Remote Start button a third time shuts the engine off.

NOTE:

- With Remote Start, the engine will only run for 15 minutes.
- Remote Start can only be used twice.
- If an engine fault is present or fuel level is low, the vehicle will start and then shut down in 10 seconds.
- The parking lights will turn on and remain on during Remote Start mode.
- Headlight animation (if equipped) will occur when Remote Start is activated, if “Headlight Illumination On Approach” is enabled within Uconnect Settings.
- For security, power window and power sunroof operation (if equipped) are disabled when the vehicle is in the Remote Start mode.
- The ignition must be placed in the ON/RUN position before the Remote Start sequence can be repeated for a third cycle.

All of the following conditions must be met before the engine will remote start:

- Gear selector in PARK
- Doors closed
- Hood closed
- Liftgate closed
- Hazard switch off
- Brake switch inactive (brake pedal not pressed)
- Battery at an acceptable charge level
- System not disabled from previous Remote Start event
- Vehicle Security Light flashing
- Ignition in OFF position
- Panic button is not pushed
- Fuel level meets minimum requirement
- Vehicle Security system is not signaling an intrusion
- Malfunction Indicator Light (MIL) is not illuminated

WARNING!

- Do not start or run an engine in a closed garage or confined area. Exhaust gas contains carbon monoxide which is odorless and colorless. Carbon monoxide is poisonous and can cause serious injury or death when inhaled.
- Keep key fobs away from children. Operation of the Remote Start system, windows, door locks or other controls could cause serious injury or death.

TO EXIT REMOTE START MODE

To drive the vehicle after starting the Remote Start system, either push and release the unlock button on the key fob to unlock the doors, or unlock the vehicle using Keyless Enter ‘n Go™ — Passive Entry via the door handles, and disarm the Vehicle Security system (if equipped). Then, prior to the end of the 15 minute cycle, push and release the START/STOP ignition button.

The Remote Start system will turn the engine off if the Remote Start button on the key fob is pushed again, or if the engine is allowed to run for the entire 15 minute cycle. Once the ignition is placed in the ON/RUN position, the climate controls will resume previously set operations (temperature, blower control, etc.).

NOTE:

- To avoid unintentional shutdowns, the system will disable for two seconds after receiving a valid Remote Start request.
- For vehicles equipped with the Keyless Enter 'n Go™ — Passive Entry feature, the message "Remote Start Active — Push Start Button" will display in the instrument cluster display until you push the START/STOP ignition button.

REMOTE START FRONT DEFROST ACTIVATION — IF EQUIPPED

When Remote Start is active, and the outside ambient temperature is 40°F (4.5°C) or below, the system will automatically activate front defrost for 15 minutes or less. The timing is dependent on the ambient temperature. Once the timer expires, the system will automatically adjust the settings depending on ambient conditions. See "Remote Start Comfort Systems — If Equipped" in the next section for detailed operation.

REMOTE START COMFORT SYSTEMS — IF EQUIPPED

When Remote Start is activated, the front and rear defroster will automatically turn on in cold weather conditions. The heated steering wheel and driver heated seat feature will turn on if programmed in the Comfort menu screen within Uconnect Settings ⇨ page 170. In warm weather, the driver vented seat feature will automatically turn on when Remote Start is activated, if programmed in the Comfort menu screen. The vehicle will adjust the climate control settings depending on the outside ambient temperature.

NOTE:

If the vehicle is equipped with a rear climate system, it will remain off to allow for optimal front row performance.

Automatic Temperature Control (ATC) — If Equipped

The climate controls will automatically adjust to the optimal temperature and mode settings depending on the outside ambient temperature. This will occur until the ignition is placed in the ON/RUN position where the climate controls will resume their previous settings.

Manual Temperature Control (MTC) — If Equipped

- In ambient temperatures of 40°F (4.5°C) or below, the climate settings will default to maximum heat, with fresh air entering the cabin. If the front defrost timer expires, the vehicle will enter Mix mode.
- In ambient temperatures from 40°F (4.5°C) to 78°F (26°C), the climate settings will be based on the last settings selected by the driver.
- In ambient temperatures of 78°F (26°C) or above, the climate settings will default to MAX A/C, Bi-Level mode, with Recirculation on.

For more information on ATC, MTC, and climate control settings, see ⇨ page 57.

NOTE:

These features will stay on through the duration of Remote Start, or until the ignition is placed in the ON/RUN position. The climate control settings will change, and exit the automatic defaults, if manually adjusted by the driver while the vehicle is in Remote Start mode. This includes turning the climate controls off using the OFF button.

REMOTE START WINDSHIELD WIPER DE-ICER ACTIVATION — IF EQUIPPED

When Remote Start is active and the outside ambient temperature is less than 33°F (0.6°C), the Windshield Wiper De-Icer will activate. Exiting Remote Start will resume its previous operation. If the Windshield Wiper De-Icer was active, the timer and operation will continue.

REMOTE START ABORT MESSAGE

One of the following messages will display in the instrument cluster display if the vehicle fails to remote start or exits Remote Start prematurely:

- Remote Start Canceled — Door Open
- Remote Start Canceled — Hood Open
- Remote Start Canceled — Liftgate Open
- Remote Start Canceled — Fuel Low
- Remote Start Canceled — Time Expired
- Remote Start Canceled — System Fault
- Remote Start Disabled — Start Vehicle to Reset

The instrument cluster display message stays active until the ignition is placed in the ON/RUN position.

VEHICLE SECURITY SYSTEM — IF EQUIPPED

The Vehicle Security system monitors the vehicle doors, hood, liftgate, and the Keyless Enter 'n Go™ Ignition for unauthorized operation. While the Vehicle Security system is armed, interior switches for door locks and liftgate release handle are disabled. If something triggers the alarm, the Vehicle Security system will provide the following audible and visible signals:

- The horn will pulse
- The turn signals will flash
- The Vehicle Security Light in the instrument cluster will flash

TO ARM THE SYSTEM

Follow these steps to arm the Vehicle Security system:

1. Make sure the vehicle's ignition is placed in the OFF position.
   - For vehicles equipped with Keyless Entry, make sure the vehicle's keyless ignition system is OFF.
2. Perform one of the following methods to lock the vehicle:
   - Push the lock button on one of the front interior power door lock switches with the driver and/or passenger door open.
   - Touch the lock button on the exterior Passive Entry door handle with a valid key fob available in the same exterior zone ⇨ page 26.
   - Push the lock button on the key fob.
3. If any doors are open, close them.

When the Vehicle Security system is armed, the Vehicle Security Light (located in the lower right portion of the instrument cluster display) will begin to flash every two seconds until it is disarmed.

NOTE:

- If the system is armed by pushing the lock button on the interior door panel, the Vehicle Security Light will flash rapidly for about 15 seconds once the door is closed, then slow down to every two seconds.
- Pushing a lock button on the rear interior power door lock switches will not arm the Vehicle Security system.

TO DISARM THE SYSTEM

The Vehicle Security system can be disarmed using any of the following methods:

- Push the unlock button on the key fob.
- Grab the Passive Entry door handle to unlock the door ⇨ page 26.
- Cycle the ignition out of the OFF position to disarm the system.

NOTE:

- The driver's door key cylinder cannot arm or disarm the Vehicle Security system. Use of the door key cylinder when the alarm is armed will sound the alarm when the door is opened.
- The Vehicle Security system remains armed when the power liftgate is opened using the liftgate button on the key fob. If someone enters the vehicle through the opened liftgate, then opens any door from the inside, the alarm will sound.
- If Passive Entry (if equipped) is used to unlock the liftgate, the Vehicle Security system is disarmed and the rest of the vehicle doors will remain locked unless all doors are set to unlock on first press within Uconnect Settings.
- When the Vehicle Security system is armed, the interior power door lock switches will not unlock the doors.

The Vehicle Security system is designed to protect your vehicle. However, you can create conditions where the system will give you a false alarm. If one of the previously described arming sequences has occurred, the Vehicle Security system will arm regardless of whether you are in the vehicle or not. If you remain in the vehicle and open a door, the alarm will sound. If this occurs, disarm the Vehicle Security system.

If the Vehicle Security system is armed and the battery becomes disconnected, the Vehicle Security system will remain armed when the battery is reconnected; the exterior lights will flash, and the horn will sound. If this occurs, disarm the Vehicle Security system.

REARMING OF THE SYSTEM

If something triggers the alarm and no action is taken to disarm it, the Vehicle Security system will turn the horn off after a 29 second cycle (with five seconds between cycles and up to eight cycles if the trigger remains active) and then rearm itself.

SECURITY SYSTEM MANUAL OVERRIDE

The Vehicle Security system will not arm if you lock the doors using the manual door lock, or an emergency lock lever ⇨ page 25.

DELUXE VEHICLE SECURITY SYSTEM — IF EQUIPPED

The Deluxe Vehicle Security system monitors the doors, hood latch, and liftgate for unauthorized entry and the ignition switch for unauthorized operation. The system also includes a dual function intrusion sensor and vehicle tilt sensor. The intrusion sensor monitors the vehicle interior for motion. The vehicle tilt sensor monitors the vehicle for any tilting actions (tow away, tire removal, ferry transport, etc.).

If a perimeter violation triggers the security system, the horn will sound for 29 seconds and the exterior lights will flash followed by approximately five seconds of no activity. This will continue for eight cycles if no action is taken to disarm the system.

TO ARM THE SYSTEM

Follow these steps to arm the security system:

1. If any doors, windows, or the sunroof (if equipped) are open, close them.
2. Make sure the vehicle ignition system is OFF.
3. Perform one of the following methods to lock the vehicle:
   - Push lock on the interior power door lock switch with the driver and/or passenger door open.
   - Touch the lock button on the exterior Passive Entry door handle with a key fob available in the same exterior zone ⇨ page 26.
   - Push the lock button on the key fob.

NOTE:

- When armed, the interior motion sensor detects movement within the vehicle's interior, including moving objects (i.e. people and pets) and air currents through open windows or the sunroof. The windows and sunroof should be closed, and moving objects should not be left in the vehicle when the intrusion detection is armed, otherwise false alarms can occur.
- Once the security system is armed, it remains in that state until you disarm it by following either of the disarming procedures described. If a power loss occurs after arming the system, you must disarm the system after restoring power to prevent alarm activation.
- The ultrasonic intrusion sensor (motion detector) actively monitors your vehicle every time you arm the Vehicle Security system. If you prefer, you can turn off the ultrasonic intrusion sensor when arming the Vehicle Security system. To do so, push the lock button on the key fob three times within 15 seconds of arming the system (while the Vehicle Security Light is flashing rapidly). The vehicle will remain locked but will disable the alarm in the case of repeated false alarms due to ambient conditions.

TO DISARM THE SYSTEM

The Vehicle Security system can be disarmed using any of the following methods:

- Push the unlock button on the key fob.
- Grab the Passive Entry door handle to unlock the door ⇨ page 26.
- Cycle the vehicle ignition system out of the OFF position by pushing the START/STOP ignition button (requires at least one valid key fob in the vehicle).

NOTE:

- The driver's door key cylinder and the liftgate button on the key fob cannot arm or disarm the Vehicle Security system.
- The Vehicle Security system remains armed during power liftgate entry. If a valid key fob or Passive Entry is used to open the liftgate, the motion sensing will be suppressed until after the liftgate is closed. If someone enters the opened vehicle through the liftgate, then opens any door, the alarm will sound.
- When the Vehicle Security system is armed, the interior power door lock switches will not unlock the doors.
- The ultrasonic intrusion sensor (motion detector) actively monitors your vehicle every time you arm the Vehicle Security system. If you prefer, you can turn off the ultrasonic intrusion sensor when arming the Vehicle Security system. To do so, push the lock button on the key fob three times within 15 seconds of arming the system (while the Vehicle Security Light is flashing rapidly). The vehicle will remain locked but will disable the alarm in the case of repeated false alarms due to ambient conditions.

The Vehicle Security system is designed to protect your vehicle; however, you can create conditions where the system will give you a false alarm. If one of the previously described arming sequences has occurred, the Vehicle Security system will arm regardless of whether you are in the vehicle or not. If you remain in the vehicle and open a door, the alarm will sound. If this occurs, disarm the Vehicle Security system.

If the Vehicle Security system is armed and the battery becomes disconnected, the Vehicle Security system will remain armed when the battery is reconnected; the exterior lights will flash and the horn will sound. If this occurs, disarm the Vehicle Security system.

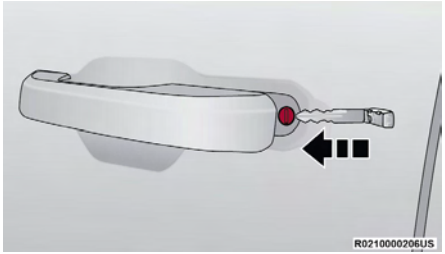
SECURITY SYSTEM MANUAL OVERRIDE

The Vehicle Security system will not arm if you lock the doors using the manual door lock, or an emergency lock lever ⇨ page 24.

DOORS

MANUAL DOOR LOCKS

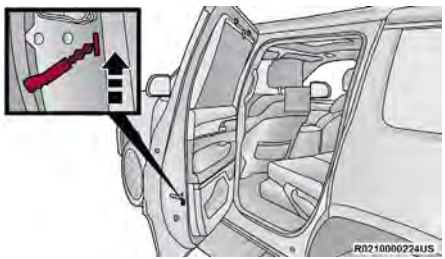
The front doors can be manually unlocked with a single pull of the inside door handle. The driver's door can also be manually locked/unlocked by inserting the emergency key into the lock cylinder on the outside door handle.



Driver's Door Cylinder Lock

The rear doors can be manually unlocked with a double pull of the inside door handle.

All doors except the driver's door can be manually locked by inserting the emergency key into the emergency lock lever and sliding the lever upward. The emergency lock lever is located on the door latch face of each door.



Emergency Lock Lever

NOTE:

- The emergency lock lever is only accessible when the door is open.
- Manually locking the vehicle will not arm the Vehicle Security system.

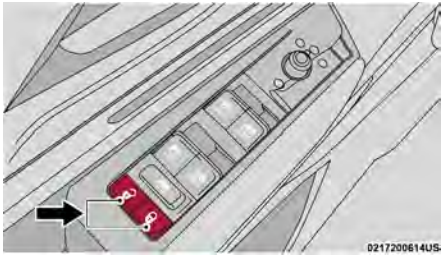
WARNING!

- For personal security and safety in the event of a collision, lock the vehicle doors before you drive as well as when you park and leave the vehicle.
- When exiting the vehicle, always make sure the ignition is in the OFF position, remove the key fob from the vehicle and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the Keyless Enter 'n Go™ Ignition in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.

POWER DOOR LOCKS

The power door lock buttons are located on each front door panel. Use these buttons to lock or unlock all doors, liftgate, and fuel door.

When the doors are locked, an indicator light in the lock button will illuminate.



Power Door Lock Switches

The driver's door will unlock automatically if the key fob is detected inside the vehicle when the door lock button on the front door panel is used to lock the door, then the door is closed. The horn will also chirp to alert the driver. This will occur for two attempts. On the third attempt, the doors will lock even if the key fob is inside.

NOTE:

If the key fob is located next to a mobile phone, laptop, or other electronic device, the wireless signal may get blocked, and the driver's door may not unlock automatically.

If the door lock switch is pushed while the ignition is in ON/RUN and the driver's door is open, the doors will not lock.

Rear Passenger Power Door Locks

Power door lock buttons are located on each rear door trim panel. Push the lock button to lock the rear door or push the unlock button to unlock the rear door.

POWER SIDE STEPS — IF EQUIPPED

The Power Side Steps will extend for easier entry and exit of the vehicle.

When configured for "Auto" mode, the Power Side Steps will deploy when any of the doors are opened, and they will retract when the doors are closed. This mode can be turned on or off in the Uconnect Settings ⇨ page 170.

NOTE:

- When enabled within Uconnect Settings, the Power Side Steps can also be manually extended or retracted by pressing the Power Side Step button on the Controls menu of the Vehicle screen.
- If the vehicle speed exceeds 5 mph (8 km/h), the steps will retract.

KEYLESS ENTER 'N GO™ — PASSIVE ENTRY

The Passive Entry system is an enhancement to the vehicle's Remote Keyless Entry (RKE) system and a feature of Keyless Enter 'n Go™. This feature allows you to lock and unlock the vehicle's door(s) without having to push the key fob lock or unlock buttons.

If equipped, the rear doors will also have Passive Entry capabilities.

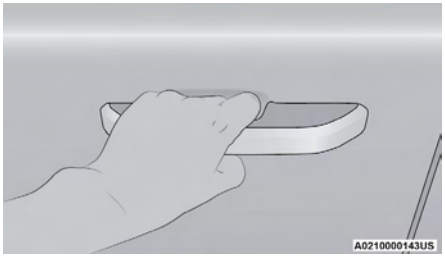
NOTE:

- Passive Entry may be programmed on/off through Uconnect Settings ⇨ page 170.
- The key fob may not be detected by the vehicle Passive Entry system if it is located next to a mobile phone, laptop or other electronic device; these devices may block the key fob's wireless signal and prevent the Passive Entry handle from locking/unlocking the vehicle.
- Passive Entry Unlock initiates illuminated approach (low beams, license plate lamp, parking lights, door handle pocket lights [if equipped]) for whichever duration is set between 0, 30, 60 or 90 seconds. Passive Entry Unlock also initiates two flashes of the turn signals.
- If wearing gloves, if it has been raining/snowing, or if there is salt/dirt covering the Passive Entry door handle, the unlock and lock sensitivity can be affected, resulting in a slower response time.
- The doors may lock and unlock when water is sprayed on the Passive Entry door handles, if the key fob is located outside of the vehicle within 5 ft (1.5 m) of the handle.
- Passive Entry lock initiates one horn chirp and one flash of turn signals. These settings can be programmed on/off within Uconnect Settings ⇨ page 170.
- If the vehicle is unlocked by Passive Entry and no door is opened within 60 seconds, the vehicle will relock and will arm the Vehicle Security system (if equipped).

To Unlock From The Driver Or Passenger Side

With a valid Passive Entry key fob within 5 ft (1.5 m) of the door handle, grab the handle to unlock the vehicle. Grabbing the driver's door handle will unlock the driver

door automatically. Grabbing the front passenger door handle (or a rear handle when equipped with four-door Passive Entry) will unlock all doors and the liftgate automatically.



Grab The Door Handle To Unlock

NOTE:

- Either the driver's door only or all doors will unlock when you grab hold of the front driver's door handle, depending on the selected setting in the Uconnect system ⇨ page 170.
- All doors will unlock when the front passenger (or a rear door when equipped with four-door Passive Entry) door handle is grabbed regardless of the driver's door unlock preference setting.

Frequency Operated Button Integrated Key (FOBIK-Safe)

To minimize the possibility of unintentionally locking a Passive Entry key fob inside your vehicle, the Passive Entry system is equipped with an automatic door unlock feature which will function if the ignition switch is in the OFF position.

There are five situations that trigger a FOBIK-Safe search in any Passive Entry vehicle:

- A lock request is made by a valid Passive Entry key fob while a door is open.
- A lock request is made by the Passive Entry door handle while a door is open.
- A lock request is made by the door panel switch while the door is open.
- When the Vehicle Security system is in pre-arm or armed status and the liftgate transitions from opened to closed.
- When the liftgate transitions from open to closed and Remote Start is active.

When any of these situations occur, after all open doors are shut, the FOBIK-Safe search will be executed. If it detects a Passive Entry key fob inside the vehicle, the vehicle will unlock and alert the customer.

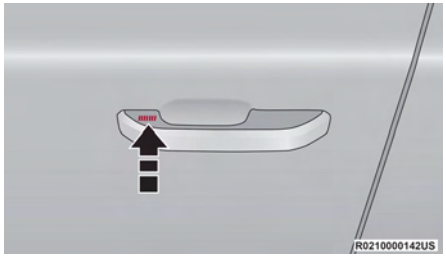
NOTE:

The vehicle will only unlock the doors when a valid Passive Entry key fob is detected inside the vehicle. The vehicle will not unlock the doors when any of the following conditions are true:

- The doors are manually locked using the emergency lock lever.
- Three attempts are made to lock the doors using the door panel switch and then the doors are closed.
- There is a valid Passive Entry key fob outside the vehicle within 5 ft (1.5 m) of a Passive Entry door handle.

To Lock The Vehicle's Doors And Liftgate

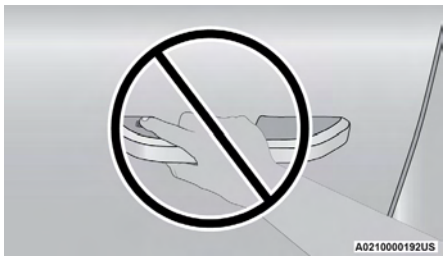
With one of the vehicle's Passive Entry key fobs within 5 ft (1.5 m) of a Passive Entry door handle, touch the lock icon on the door handle to lock all four doors and liftgate.



Touch The Door Handle Lock Icon To Lock

NOTE:

Do NOT grab the door handle when touching the lock icon. This could unlock the door(s).



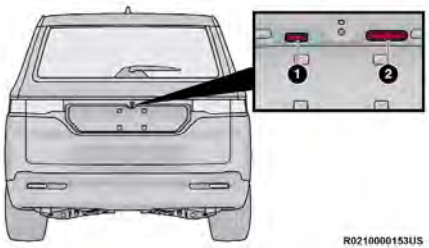
Do NOT Grab The Door Handle When Locking

NOTE:

- After touching the door handle lock icon, you must wait two seconds before you can lock or unlock the doors using any Passive Entry door handle. This is done to allow you to check if the vehicle is locked by pulling the door handle, without the vehicle unlocking.
- If Passive Entry is disabled using the Uconnect Settings, the key fob protection described in "Frequency Operated Button Integrated Key (FOBIK-Safe)" remains active/functional.
- The Passive Entry system will not operate if the key fob battery is depleted.

To Unlock/Enter The Liftgate

The liftgate Passive Entry unlock feature is built into the electronic liftgate release button. With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, push the electronic liftgate release handle for a power open on vehicles equipped with Power Liftgate. Push the electronic liftgate button and lift for Manual Liftgate vehicles.



Liftgate Entry

1 — Passive Entry Lock Button
2 — Electronic Liftgate Release Handle

To Lock The Liftgate

With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, push the Passive Entry lock button located on the outside liftgate door handle.

NOTE:

The liftgate Passive Entry lock button will lock all doors and the liftgate.

AUTOMATIC UNLOCK DOORS ON EXIT

The doors will unlock automatically on vehicles with power door locks after the following sequence of actions:

1. The Automatic Unlock Doors On Exit feature is enabled within Uconnect Settings ⇨ page 170.
2. All doors are closed.
3. The gear selector was not in PARK, then is placed in PARK.
4. Any door is opened.

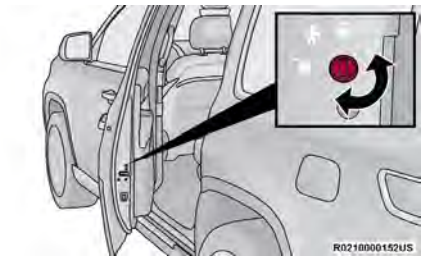
AUTOMATIC DOOR LOCKS — IF EQUIPPED

The auto door lock feature default condition is enabled. When enabled, the door locks will lock automatically when the vehicle speed exceeds 15 mph (24 km/h). The auto door lock feature is enabled or disabled by an authorized dealer per written request of the customer. Please see an authorized dealer for service.

CHILD-PROTECTION DOOR LOCK SYSTEM — REAR DOORS

To provide a safer environment for small children riding in the rear seats, the rear doors are equipped with a Child-Protection Door Lock system.

To use the system, open each rear door, use a flat-blade screwdriver (or emergency key) and rotate the dial to the lock or unlock position. When the system on a door is engaged, that door can only be opened by using the outside door handle even if the inside door lock is in the unlocked position.



Child-Protection Door Lock Function

NOTE:

- When the Child-Protection Door Lock system is engaged, the door can be opened only by using the outside door handle even though the inside door lock is in the unlocked position.
- After disengaging the Child-Protection Door Lock system, always test the door from the inside to make certain it is in the unlocked position.

- After engaging the Child-Protection Door Lock system, always test the door from the inside to make certain it is in the locked position.

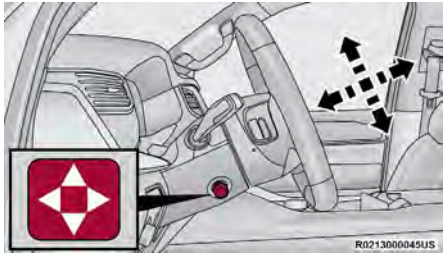
WARNING!
Avoid trapping anyone in a vehicle in a collision. Remember that the rear doors can only be opened from the outside with the Child-Protection locks engaged (locked).

NOTE:
Always use this device when carrying children. After engaging the child lock on both rear doors, check for effective engagement by trying to open a door with the internal handle. Once the Child-Protection Door Lock system is engaged, it is impossible to open the doors from inside the vehicle. Before getting out of the vehicle, be sure to check that there is no one left inside.

STEERING WHEEL

POWER TILT/TELESCOPING STEERING COLUMN

This feature allows you to tilt the steering column upward or downward. It also allows you to lengthen or shorten the steering column. The power tilt/telescoping steering column control is located below the multifunction lever on the steering column.



Power Tilt/Telescoping Steering Control Location

Use the four-way control to adjust the steering column.

NOTE:
For vehicles equipped with Driver Memory Settings, use the key fob or the memory switch on the driver's door trim panel to return the tilt/telescopic steering column to saved positions ⇨ page 30.

WARNING!
Do not adjust the steering column while driving. Adjusting the steering column while driving or driving with the steering column unlocked, could cause the driver to lose control of the vehicle. Failure to follow this warning may result in serious injury or death.

HEATED STEERING WHEEL — IF EQUIPPED

The steering wheel contains a heating element that helps warm your hands in cold weather. The heated steering wheel has three temperature settings. Once the heated steering wheel has been turned on, it will stay on until the operator turns it off. The heated steering wheel may not turn on when it is already warm.

The heated steering wheel control button is located on the left side of the radio screen or within the Uconnect system. You can gain access to the control button on the top left side of the screen by tapping the temperature controls, which will provide a quick drop-down menu containing the controls, or through the Controls menu of the touchscreen. If your vehicle is not equipped with the button on the side of the radio, you can also access the control button through the Climate menu.

- Press the heated steering wheel button once to turn the HI setting on.
- Press the heated steering wheel button a second time to turn the MED setting on.
- Press the heated steering wheel button a third time to turn the LO setting on.
- Press the heated steering wheel button a fourth time to turn the heating elements off.

NOTE:
The engine must be running for the heated steering wheel to operate.

For information on use with the Remote Start system, see ⇨ page 22.

WARNING!

- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, exhaustion, or other physical conditions must exercise care when using the steering wheel heater. It may cause burns even at low temperatures, especially if used for long periods.
- Do not place anything on the steering wheel that insulates against heat, such as a blanket or steering wheel covers of any type and material. This may cause the steering wheel heater to overheat.

DRIVER AND PASSENGER MEMORY SETTINGS — IF EQUIPPED

This feature allows the driver, and if equipped, also the front passenger to save up to two different memory profiles for easy recall through a memory switch. Each memory profile saves desired position settings for the following features:

Driver's Side

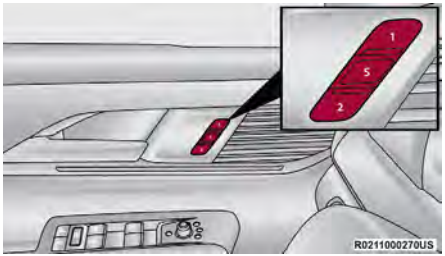
- Seat position
- Easy entry/exit seat (if equipped)
- Side mirrors
- Power tilt and telescopic steering column
- Power adjustable pedals (if equipped)
- A set of desired radio station presets

Passenger's Side (If Equipped)

- Seat position

The memory settings switches are located on the front door panels, next to the door handle, and consists of two or three buttons, depending on trim level:

- The (1) and (2) buttons which are used to recall either of two saved memory profiles
- The set (S) button (Wagoneer models only), which is used to activate the memory save function



Wagoneer Memory Settings Buttons

Grand Wagoneer Memory Settings Buttons

NOTE:

- Your vehicle is equipped with two key fobs, each can be linked to either driver's side memory position 1 or 2.
- Front passenger memory settings cannot be linked to a key fob.

PROGRAMMING THE MEMORY FEATURE

To create a new memory profile, perform the following:

NOTE:
Saving a new memory profile will erase the selected profile from memory.

Wagoneer

1. Place the vehicle's ignition in the ON/RUN position (do not start the engine).
2. Adjust all memory profile settings to desired preferences (i.e., seat, side mirror, power tilt and telescopic steering column, and radio station presets).
3. Push and release the set (S) button on the memory switch.
4. Within five seconds, push and release either of the memory buttons (1) or (2). The instrument cluster display will indicate which memory position has been set.

Grand Wagoneer

1. Place the vehicle's ignition in the ON/RUN position (do not start the engine).
2. Adjust all memory profile settings to desired preferences (i.e., seat, side mirror, power tilt and telescopic steering column, and radio station presets).

3. Press memory button (1) or (2) for two or more seconds. The instrument cluster display will indicate which memory position has been set.

NOTE:

Memory profiles can be set without the vehicle in PARK, but the vehicle must be below 5 mph (8 km/h) to recall a memory profile.

LINKING AND UNLINKING THE KEY FOB TO MEMORY

Your key fobs can be programmed to recall one of two saved driver's side memory profiles.

NOTE:

Before programming your key fobs you must select the "Personal Settings Linked To Key Fob" feature through the Uconnect Settings ⇨ page 170.

To program your key fobs, perform the following:

Wagoneer

1. Place the vehicle's ignition in the OFF position.
2. Select a desired driver's side memory profile, 1 or 2.
3. Once the profile has been recalled, push and release the set (S) button on the memory switch.
4. Within five seconds, push and release button (1) or (2) accordingly. "Memory Profile Set" (1 or 2) will display in the instrument cluster.
5. Push and release the lock button on the key fob within 10 seconds.

NOTE:

Your key fobs can be unlinked from your driver's side memory settings by pushing the set (S) button, and within 10 seconds, pushing the unlock button on the key fob.

Grand Wagoneer

1. Place the vehicle's ignition in the OFF position.
2. Recall the desired memory profile (1 or 2).
3. Press the memory button (1) or (2) (according to the previous selection) for two seconds or more, and release.
4. Push and hold the lock button on the key fob within 10 seconds.

NOTE:

Your key fobs can be unlinked from your driver's side memory settings by pushing the memory button (1) or (2) for two seconds or more and releasing, and then within 10 seconds, pushing and holding the unlock button on the key fob.

MEMORY POSITION RECALL

NOTE:

Memory Recall is available when not in PARK, if the vehicle speed is below 5 mph (8 km/h).

- To recall a memory settings using the memory switches, push memory button (1) or (2) on the memory switch.
- To recall the driver's side memory settings using the key fob, push the unlock button on the key fob linked to memory position 1 or 2.

A recall can be canceled by pushing any of the memory buttons during a recall, or by pushing any of the seat adjustment switches. When a recall is canceled, the seat and power tilt/telescopic steering column will stop moving. A delay of one second will occur before another recall can be selected.

SEATS

Seats are a part of the Occupant Restraint system of the vehicle.

WARNING!

- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

MANUAL ADJUSTMENT FRONT SEATS — IF EQUIPPED

WARNING!

- Adjusting a seat while the vehicle is moving is dangerous. The sudden movement of the seat could cause you to lose control. The seat belt might not be adjusted properly and you could be injured. Adjust the seat only while the vehicle is parked.

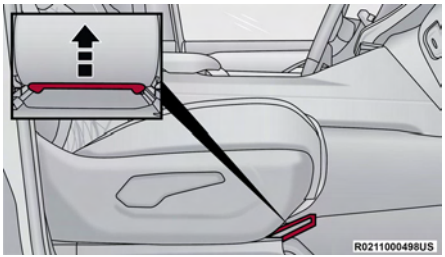
(Continued)

WARNING!

- Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt and be seriously or even fatally injured. Use the recliner only when the vehicle is parked.

Manual Front Passenger Seat Forward/Rearward Adjustment

Some models may be equipped with a manual front passenger seat. The passenger seat can be adjusted forward or rearward by using a bar located by the front of the seat cushion, near the floor.



Adjustment Bar

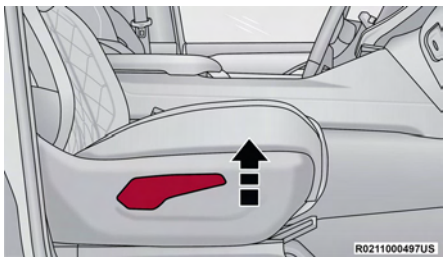
While sitting in the seat, lift up on the bar located under the seat cushion and move the seat forward or rearward. Release the bar once you have reached the desired position. Then, using body pressure, move forward and rearward on the seat to be sure that the seat adjusters have latched.

WARNING!

- Adjusting a seat while driving may be dangerous. Moving a seat while driving could result in loss of control which could cause a collision and serious injury or death.
- Seats should be adjusted before fastening the seat belts and while the vehicle is parked. Serious injury or death could result from a poorly adjusted seat belt.

Manual Front Passenger Seatback Adjustment — Recline

To recline, lean forward slightly and lift the lever located on the outboard side of the seat. Then, push the seat rearward to the desired position and release the lever. To return the seatback to its normal position, lean forward and lift the lever. To ensure the seatback is latched, use body pressure to lean forward and rearward.



Recline Lever

WARNING!

Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.

MANUAL ADJUSTMENT REAR SEATS

WARNING!

Do not place luggage or cargo higher than the top of the seatback. This could impair visibility or become a dangerous projectile in a sudden stop or collision.

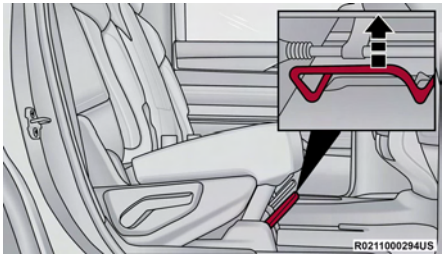
NOTE:

You may experience deformation in the seat cushion from the seat belt buckles if the seats are left folded for an extended period of time. This is normal and by simply unfolding the seats to the open position, over time the seat cushion will return to its normal shape.

Second Row Bench Seat — If Equipped

SECOND ROW BENCH SEAT FORWARD/ REARWARD ADJUSTMENT

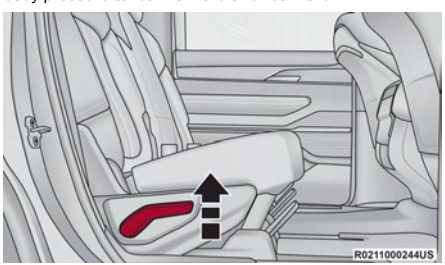
Lift up on the adjusting bar located at the front of the seat near the floor and release it when the seat is at the desired position. Then, using body pressure, move forward and rearward on the seat to be sure that the seat adjusters have latched.



Rear Seat Adjustment Bar

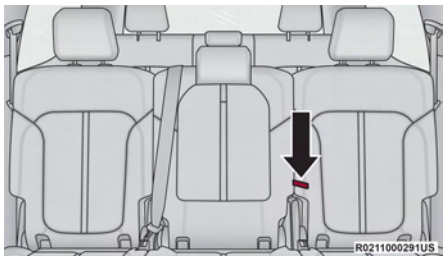
SECOND ROW BENCH SEAT RECLINE ADJUSTMENT

To recline, lean forward slightly and lift the lever located on the outboard side of the seat. Then, push the seat rearward to the desired position and release the lever. To return the seatback to its normal position, lean forward and lift the lever. To ensure the seatback is latched, use body pressure to lean forward and rearward.



Rear Seat Recline Lever

To recline the center seat, pull the recline strap located on the seatback, and move forward or backward as desired. Release the strap when the desired seat position has been reached.



Center Seat Recline Strap

WARNING!
Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.

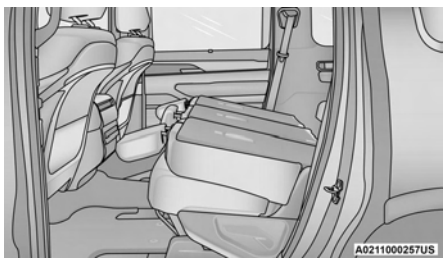
SECOND ROW BENCH FOLD FLAT SEAT

To provide additional storage area, each rear seat can be folded flat. This allows for extended cargo space and still maintains some rear seating room.

NOTE:

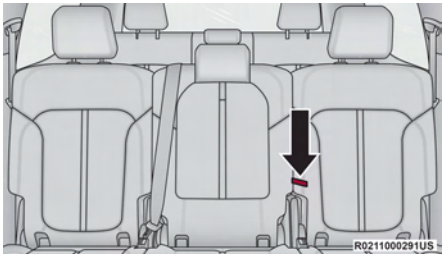
Prior to folding the rear seat, it may be necessary to position the front seat to its mid-track position especially if the seat is equipped with Rear Seat Entertainment. Also, be sure that the front seats are fully upright and positioned forward. This will allow the rear seat to fold down easily.

To lower the seatback, pull upward on the recline lever located on the outboard side of the seat, and let the seatback fold forward automatically.



Second Row Bench Seat Folded Flat

To lower the center seatback, pull the recline strap, located on the left side of the seatback, and let the seatback fold forward automatically.



Center Seat Recline Strap

To raise the seatback, fold the seatback up into its original position and lock it into place.

WARNING!
Be certain that the seatback is securely locked into position. If the seatback is not securely locked into position the seat will not provide the proper stability for child seats and/or passengers. An improperly latched seat could cause serious injury.

SECOND ROW BENCH SEAT EASY ACCESS FOR THIRD ROW

The second row bench seats can slide forward to allow passengers to easily access the third row seats.

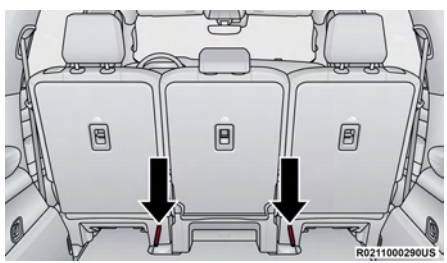
Press the easy entry button located on the outboard side of the seatback. Once pressed, the seat will pitch forward, allowing the seat to slide forward.

Bench Seat Easy Entry Button

To return the seat to a sitting position, push the seatback rearward until the seat locks.

Emergency Straps

In the event that the vehicle loses power, the Easy Entry buttons will not function. There are emergency straps located on the back of the second row outboard seats to allow the third row occupants to manually fold the seats flat to exit the vehicle.



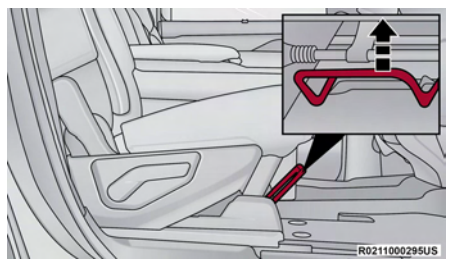
Emergency Straps

Pull the emergency straps to fold the second row seat flat.

Second Row Captain's Chairs — If Equipped

SECOND ROW CAPTAIN'S CHAIRS FORWARD/REARWARD ADJUSTMENT

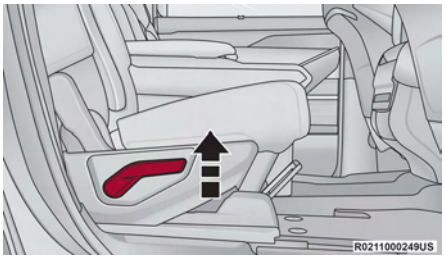
Lift up on the adjusting bar located at the front of the seat near the floor and release it when the seat is at the desired position. Then, using body pressure, move forward and rearward on the seat to be sure that the seat adjusters have latched.



Rear Seat Adjustment Bar

SECOND ROW CAPTAIN'S CHAIRS RECLINE ADJUSTMENT

To recline, lean forward slightly and lift the lever located on the outboard side of the seat. Then, push the seat rearward to the desired position and release the lever. To return the seatback to its normal position, lean forward and lift the lever. To ensure the seatback is latched, use body pressure to lean forward and rearward.



Rear Seat Recline Lever

WARNING!
Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.

SECOND ROW CAPTAIN'S CHAIRS FOLD FLAT SEATS

The second row seatbacks can be folded flat to carry cargo.

NOTE:

Prior to folding the rear seat, it may be necessary to position the front seat to its mid-track position especially if the seat is equipped with Rear Seat Entertainment. Also, be sure that the front seats are fully upright and positioned forward. This will allow the rear seat to fold down easily.

Pull upward on the recline lever located on the outboard side of each second row seat, and let the seatback fold forward automatically.

Second Row Captain's Chair Folded Flat

To Raise The Rear Seats

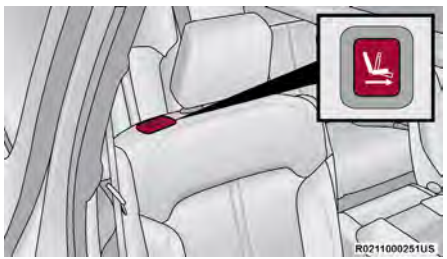
Fold the seatbacks upward to their original position, and lock them into place.

WARNING!
Be certain that the seatback is securely locked into position. If the seatback is not securely locked into position the seat will not provide the proper stability for child seats and/or passengers. An improperly latched seat could cause serious injury.

SECOND ROW CAPTAIN'S CHAIR EASY ACCESS FOR THIRD ROW

The second row captain's chairs can slide forward to allow passengers to easily access the third row seats.

Press the easy entry button located on the outboard side of the seatback. Once pressed, the entire seat will pitch forward, allowing the seat to slide forward.

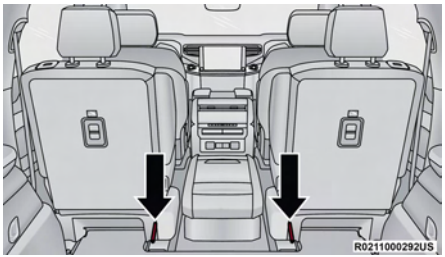


Captain's Chair Easy Entry Button

To return the seat to a sitting position, push the seatback rearward until the seat locks.

Emergency Straps

In the event that the vehicle loses power, the Easy Entry buttons will not function. There are emergency straps located on the back of the second row outboard seats to allow the third row occupants to manually fold the seats flat to exit the vehicle.



Emergency Straps

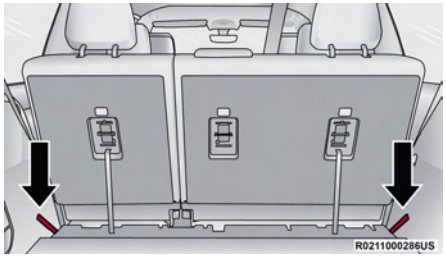
Pull the emergency straps to fold the second row seat flat.

Manual Folding Third Row — If Equipped

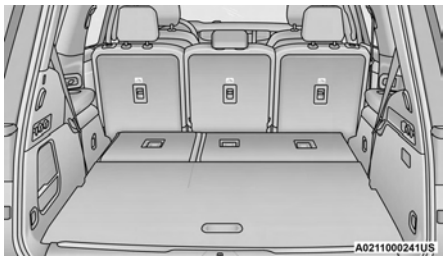
Both third row seats can be folded flat to increase the cargo area. To lower either seat, pull on the release straps located on both sides of the rear cargo area, near the bottom of the seat.

NOTE:

The second row seats must be in their full upright position or folded flat when folding the third row seats.

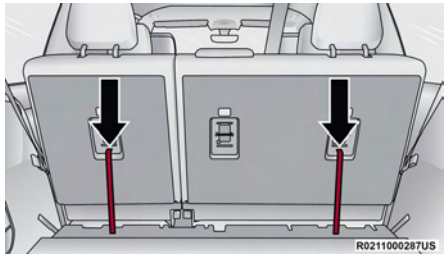


Release Straps



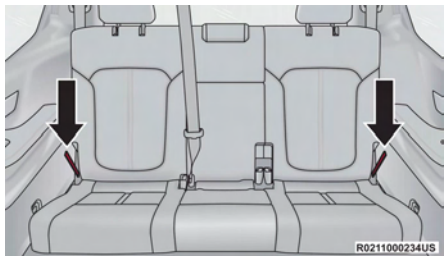
Third Row Folded

To raise the seat, pull the seatback up and push back to lock it into place. You can also use the return straps in the rear cargo area, on the back of the seat.



Return Straps

To recline the seat, pull the recline straps, located on the sides of the seat.



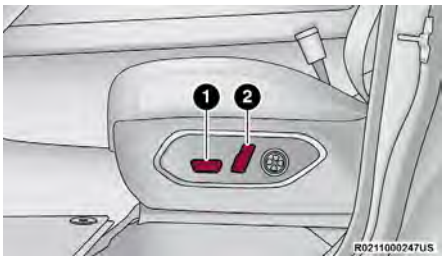
Recline Straps

WARNING!

Be certain that the seatback is securely locked into position. If the seatback is not securely locked into position the seat will not provide the proper stability for child seats and/or passengers. An improperly latched seat could cause serious injury.

POWER ADJUSTMENT FRONT SEATS — IF EQUIPPED

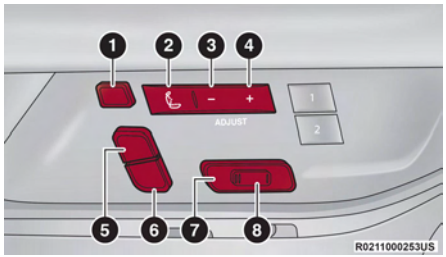
Wagoneer models will be equipped with 6-way or 8-way power driver and front passenger seats. The power seat switches are located on the outboard side of the seat. There are two switches that control the movement of the seat cushion and the seatback.



Wagoneer Power Seat Switches

1 — Seat Switch
2 — Seatback Switch

Grand Wagoneer models will be equipped with 20-way power driver and front passenger seats. The power seat switches are located on the driver and front passenger door panels near the door handles. These switches control the movement of the seat cushion and the seatback.



Grand Wagoneer Power Seat Switches

1 — Front Headrest Adjustment Switch
2 — Power Massage Switch
3 — Decrease Back/Thigh Bolster & Lumbar Switch
4 — Increase Back/Thigh Bolster & Lumbar Switch
5 — Upper Seatback Switch
6 — Seatback Recline Switch
7 — Seat Switch (Multiple Functions)
8 — Cushion Extender Switch

Adjusting The Seat Forward Or Rearward

The seat can be adjusted both forward and rearward. Push the seat switch forward or rearward. The seat will move in the direction of the switch. Release the switch when the desired position has been reached.

Adjusting The Seat Up Or Down

The height of the seats can be adjusted up or down. Pull upward or push downward on the rear of seat switch, the seat will move in the direction of the switch. Release the switch when the desired position has been reached.

Tilting The Seat Up Or Down

The angle of the seat cushion can be adjusted in two directions. Pull upward or push downward on the front of the seat switch, the front of the seat cushion will move in the direction of the switch. Release the switch when the desired position has been reached.

Reclining The Seatback

The angle of the seatback can be adjusted forward or rearward. Push the seatback recline switch forward or rearward, the seat will move in the direction of the switch. Release the switch when the desired position is reached.

For Grand Wagoneer models, the angle of the upper seatback can also be adjusted forward or rearward. Push the upper seatback switch forward or rearward, and the seat will move in the direction of the switch. Release the switch when the desired position is reached.

WARNING!

- Adjusting a seat while driving may be dangerous. Moving a seat while driving could result in loss of control which could cause a collision and serious injury or death.
- Seats should be adjusted before fastening the seat belts and while the vehicle is parked. Serious injury or death could result from a poorly adjusted seat belt.
- Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.

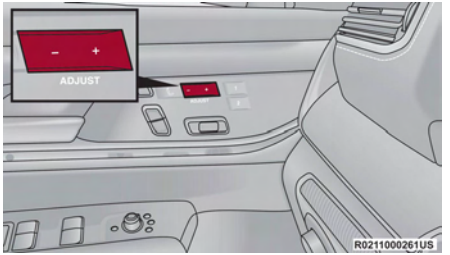
CAUTION!

Do not place any article under a power seat or impede its ability to move as it may cause damage to the seat controls. Seat travel may become limited if movement is stopped by an obstruction in the seat's path.

Power Seat Bolster Adjustment — If Equipped

In Grand Wagoneer models, the front driver and passenger seatback and seat cushion bolsters can be extended outward, or retracted inward by using the (+) and (–) adjustment switches on the door panel. The bolsters can also be adjusted directly in the Front Comfort And Convenience Display or the Uconnect display.

Push the (+) switch to extend the bolsters, or push the (–) switch to retract the bolsters.



Seat Bolster Adjustment Switches

When either the (+) or the (–) switch is pushed, the Front Comfort And Convenience Display will change to the Seat menu. The last selected seat item of lumbar in/out, lumbar up/down, back bolster, or thigh bolster will be retained. Select the desired adjustment type, and then press the (+) or (–) switch to adjust.

NOTE:

If the Front Comfort And Convenience Display is in the stowed position, the Seat menu will appear in the main Uconnect display.

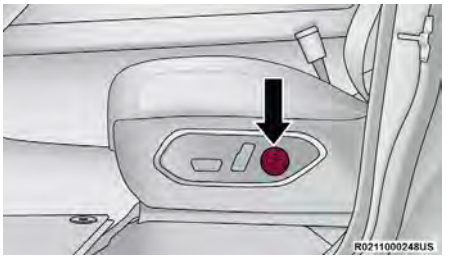
Cushion Extender — If Equipped

In Grand Wagoneer models, the cushion can be extended forward a couple inches (centimeters) to increase thigh support. Push the cushion extender switch forward or rearward to extend or retract the cushion. Release the switch when the desired position has been reached.

Power Lumbar — If Equipped

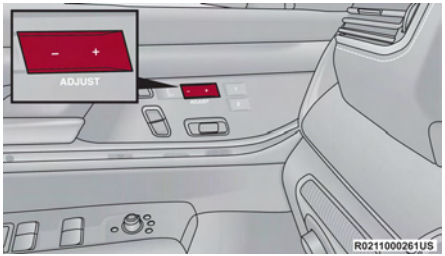
The front driver and passenger seats may be equipped with power lumbar adjustment.

The Wagoneer power lumbar switch is located on the outboard side of the power seat. Push the switch forward to increase the lumbar support. Push the switch rearward to decrease the lumbar support. Pushing upward or downward on the switch will raise and lower the position of the support.



Wagoneer Power Lumbar Adjustment Switch

The Grand Wagoneer power lumbar adjustment switches are located on the door trim. The (+) and (–) switches can be used to adjust lumbar support in/out and up/down. The power lumbar can also be adjusted directly in the Front Comfort And Convenience Display or the Uconnect display.



Grand Wagoneer Power Lumbar Adjustment Switches

When either the (+) or the (–) switch is pushed, the Front Comfort And Convenience Display will change to the Seat menu. The last selected seat item of lumbar in/out, lumbar up/down, back bolster, or thigh bolster will be retained. Select the desired adjustment type, and then press the (+) or (–) switch to adjust.

NOTE:

If the Front Comfort And Convenience Display is in the stowed position, the Seat menu will display on the main Uconnect screen.

Easy Entry/Exit Seat — If Equipped

This feature provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle.

The distance the driver seat moves depends on where you have the driver seat positioned when you place the vehicle's ignition in the OFF position.

- When you place the vehicle's ignition in the OFF position, the driver seat will move about 2.4 inches (6 cm) rearward if the driver seat position is greater than or equal to 2.7 inches (7 cm) forward of the rear stop. The seat will return to its previously set position when you place the vehicle's ignition in the ON/RUN position.
- The Easy Entry/Easy Exit feature is disabled when the driver seat position is less than 0.9 of an inch (2.3 cm) forward of the rear stop. At this position, there is no benefit to the driver by moving the seat for Easy Exit or Easy Entry.

When enabled in Uconnect Settings, Easy Entry and Easy Exit positions are stored in each memory setting profile ⇨ page 30.

NOTE:

The Easy Entry/Exit feature is not enabled when the vehicle is delivered from the factory. The Easy Entry/Exit feature is enabled or disabled through the programmable features in the Uconnect system ⇨ page 170.

POWER ADJUSTMENT REAR SEATS — IF EQUIPPED

WARNING!

- Adjusting a seat while driving may be dangerous. Moving a seat while driving could result in loss of control which could cause a collision and serious injury or death.
- Seats should be adjusted before fastening the seat belts and while the vehicle is parked. Serious injury or death could result from a poorly adjusted seat belt.
- Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.

(Continued)

WARNING!

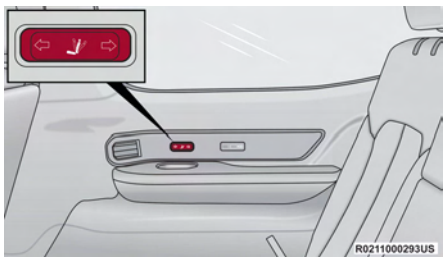
- Do not place the seat belt webbing behind the third row stow clip when using the seat belt to restrain an occupant. The seat belt will not be positioned properly on the occupant and they could be more seriously injured in an accident as a result.

CAUTION!

Do not place any article under a power seat or impede its ability to move as it may cause damage to the seat controls. Seat travel may become limited if movement is stopped by an obstruction in the seat's path.

Third Row Power Recline — If Equipped

If equipped, the power recline switch for the third row seats is located on the trim panel next to the seat. This switch adjusts the seatback angle forward/rearward for occupant comfort.



Third Row Power Recline Switch

The angle of the seatback can be adjusted forward or rearward. Push and hold the forward or rearward button. The seat will move in the direction of the button push. Release the button when the desired position is released.

Rear Seat Power Folding Seatbacks — If Equipped

A one-touch power folding seat switch is located in the right rear trim panel inside the cargo area, as part of a switch bank.

The switch bank allows multiple power folding positions for the second and third row seats.

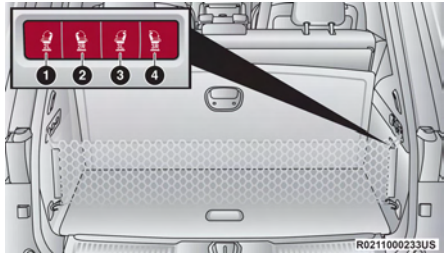
The second row seats can be folded using these switches, while the third row can be folded or unfolded.

NOTE:

The third row seat belts may interfere with the power folding of the seat. Place the seat belt webbing behind the stow clip before stowing or opening the seat. When the seat is in the desired position, remove the webbing from the stow clip so that it is ready for use. Never leave the seat belt in the stow clip when it is used to restrain an occupant.

NOTE:

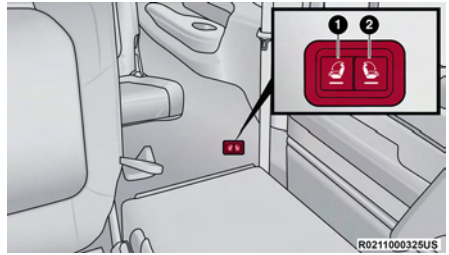
- The head restraints will lower automatically as necessary when the power seat begins to move ⇨ page 42.
- The head restraint can also be lowered manually using the pull strap located at the back of the seat.



Rear Panel Power Switch Bank

1 — Second Row Left Side Fold
2 — Second Row Right Side Fold
3 — Third Row Left Side Fold/Unfold
4 — Third Row Right Side Fold/Unfold

There are also power folding switches for the third row seats located on the C-pillar (just behind the rear doors on the trim panels).



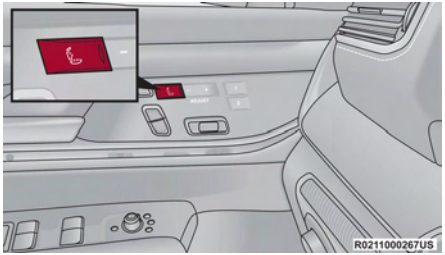
C-Pillar Power Folding Switches (Left Side Shown)

1 — Third Row Left Side Fold/Unfold
2 — Third Row Right Side Fold/Unfold

POWER SEAT MASSAGE — IF EQUIPPED

In Grand Wagoneer models, the driver's and front passenger's seats may be equipped with power massage.

The seat massage feature can be turned on/off through the massage button located on the door panel near the handle, or through the Controls menu on the radio screen.



Door Panel Massage Button

Once activated by either method, the massage controls screen will display on the Front Comfort And Convenience Display ⇨ page 58, or on the standard Uconnect display if the Front Comfort And Convenience Display is stowed. "Massage Type" and "Intensity Level" can be selected for the activated seat.

There are four intensity levels and five massage types that can be selected.

Intensity Levels:

- High
- Med
- Low
- Off

Massage Types:

- Waterfall
- Lower Back
- Extend
- Low Extend
- Rock Climb

The massage type and intensity level status will be synchronized between the main Uconnect display and the Front Comfort And Convenience Display.

The selected settings will save in the system's memory when turned off, and will resume the next time the system is turned on.

NOTE:

- For vehicles equipped with a selectable back/cushion feature for massage seats, the massage feature can be deselected for either the seatback or seat cushion. If both options are deselected, massage will turn off.
- The engine must be running for the power seatback massage to operate.
- The massage feature will turn off after 20 minutes of use. However, if the massage type or intensity level is changed, the timer then resets.

HEATED SEATS — IF EQUIPPED

WARNING!

- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, exhaustion or other physical condition must exercise care when using the seat heater. It may cause burns even at low temperatures, especially if used for long periods of time.
- Do not place anything on the seat or seatback that insulates against heat, such as a blanket or cushion. This may cause the seat heater to overheat.

(Continued)

WARNING!

Sitting in a seat that has been overheated could cause serious burns due to the increased surface temperature of the seat.

Front Heated Seats

The front heated seats control buttons are located on the sides of the radio or within the Uconnect system. You can access the controls through the Climate screen.

- Press the heated seat button once to turn the HI setting on.
- Press the heated seat button a second time to turn the MED setting on.
- Press the heated seat button a third time to turn the LO setting on.
- Press the heated seat button a fourth time to turn the heating elements off.

The heating elements can be turned on in the seatback only, seat cushion only, or both. Press the seat image on the touchscreen or push the seat zone button on the side of the radio to cycle through these seat zones. An LED will illuminate next to the selected zone(s).
If equipped with touchscreen buttons, the selected zones will be highlighted on the seat image.

NOTE:

- Once a heat setting is selected, heat will be felt within two to five minutes.
- The engine must be running for the heated seats to operate.

- The level of heat selected will stay on until the operator changes it.

For information on use with the Remote Start system, see ⇨ page 22.

Rear Heated Seats — If Equipped

The two second row outboard seats may be equipped with heated seats. There are two heated seat switches that allow the rear passengers to operate the seats independently. The heated seat switches for each heater are located on the rear of the center console.

If equipped with a Rear Comfort And Convenience Display, heated seat settings can be selected within the display ⇨ page 62.

You can choose from HI, MED, LO, or OFF heat settings. Indicator lights in each switch illuminate indicating the level of heat in use.

- Push the heated seat switch once to turn the HI setting on.
- Push the heated seat switch a second time to turn the MED setting on.
- Push the heated seat switch a third time to turn the LO setting on.
- Push the heated seat switch a fourth time to turn the heating elements off.

The level of heat selected will stay on until the operator changes it.

NOTE:

The engine must be running for the heated seats to operate.

VENTILATED SEATS — IF EQUIPPED

Located in the seat cushion and seatback are fans that draw the air from the passenger compartment and move air through fine perforations in the seat cover to help keep the occupant cooler in higher ambient temperatures.

Front Ventilated Seats

The ventilated seats control buttons are located on the sides of the radio or within the Uconnect system. The fans operate at three speeds: HI, MED and LO.

- Press the ventilated seat button once to choose HI.
- Press the ventilated seat button a second time to choose MED.
- Press the ventilated seat button a third time to choose LO.
- Press the ventilated seat button a fourth time to turn the ventilation off.

The fans can be turned on in the seatback only, seat cushion only, or both. Press the seat image on the touchscreen or push the seat zone button on the side of the radio to cycle through these seat zones. An LED will illuminate next to the selected zone(s). If equipped with touchscreen buttons, the selected zones will be highlighted on the seat image.

NOTE:

The engine must be running for the ventilated seats to operate.

For information on use with the Remote Start system, see ⇨ page 22.

Rear Ventilated Seats — If Equipped

The two second row outboard seats may be equipped with ventilated seats. The rear ventilated seat control switches are located on the rear of the center console and allow the rear passengers to operate the seats independently.

If equipped with a Rear Comfort And Convenience Display, ventilated seat settings can be selected within the display ⇨ page 62.

You can choose from HI, MED, LO, or OFF fan speed. Indicator lights in each switch illuminate indicating the level of fan speed in use.

- Push the ventilated seat switch once to choose HI.
- Push the ventilated seat switch a second time to choose MED.
- Push the ventilated seat switch a third time to choose LO.
- Push the ventilated seat switch a fourth time to turn the ventilation off.

NOTE:

The engine must be running for the ventilated seats to operate.

HEAD RESTRAINTS

Head restraints are designed to reduce the risk of injury by restricting head movement in the event of a rear impact. Head restraints should be adjusted so that the top of the head restraint is located above the top of your ear.

WARNING!

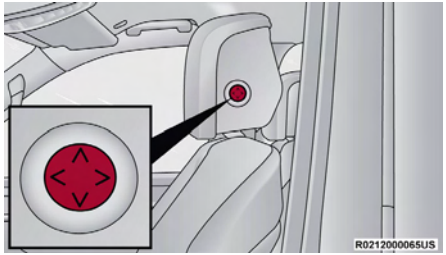
- All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat until the head restraints are placed in their proper positions in order to minimize the risk of neck injury in the event of a crash.
- Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted or removed could cause serious injury or death in the event of a collision.

Front Head Restraints

Your vehicle is equipped with front four-way driver and passenger head restraints.

The Wagoneer is equipped with manual four-way head restraints, and the Grand Wagoneer is equipped with power four-way head restraints with adjustable wings.

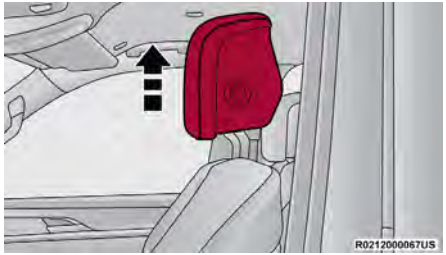
If your vehicle is equipped with manual front head restraints, to raise the head restraint, push the adjustment button, located on the left side of the head restraint, and pull upward on the head restraint. To lower the head restraint, push the adjustment button, and push downward on the head restraint.



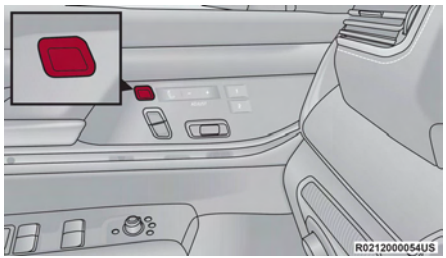
Wagoneer Head Restraint Adjustment Button

To adjust the head restraint forward, press the adjustment button on the left side of the head restraint, and pull the top of the head restraint toward the front of the vehicle as desired and release. To adjust the head restraint rearward, press the adjustment button, and push the top of the head restraint toward the rear of the vehicle as desired and release.

Upright Position (Manual Head Restraint)



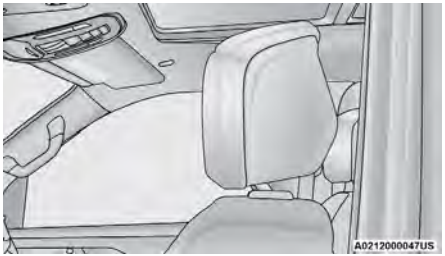
Upward Adjustment (Manual Head Restraint)



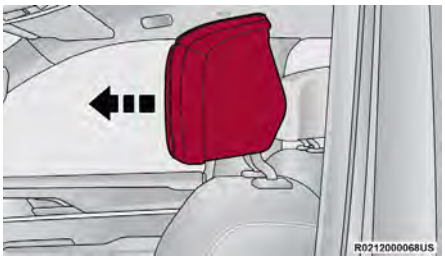
Grand Wagoneer Head Restraint Adjustment Switch

If your vehicle is equipped with power front head restraints, push upward or push downward on the head restraint adjustment switch, located on the door trim panel, to raise or lower the head restraint. The head restraint will move in the direction of the switch. Release the switch when the desired position has been reached.

The head restraint can also be adjusted both forward and rearward. Push the head restraint switch forward or rearward. The head restraint will move in the direction of the switch. Release the switch when the desired position has been reached.

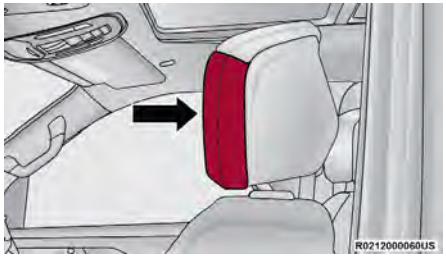


Upright Position (Power Head Restraint)



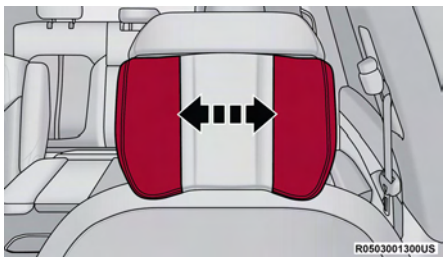
Forward Adjustment (Power Head Restraint)

Grand Wagoneer front power head restraints are also equipped with adjustable wings, located on the outer left-hand and right-hand front face of the head restraint.

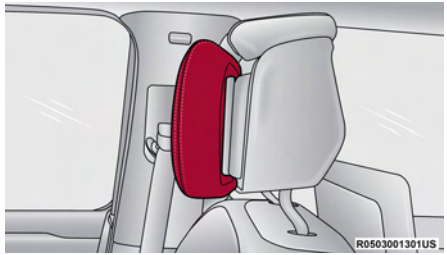


Adjustable Wing (Left-Hand Side Shown)

To adjust the wings for additional comfort and support, pull forward on the wings. To return the wings, push the wings rearward to the flat position.



Wing Adjustment



Wing Extended (Left-Hand Side Shown)

NOTE:

The head restraints should only be removed by qualified technicians, for service purposes only. If either of the head restraints require removal, see an authorized dealer.

WARNING!

- All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat until the head restraints are placed in their proper positions in order to minimize the risk of neck injury in the event of a crash.
- Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted or removed could cause serious injury or death in the event of a collision.

Head Restraints — Second Row Captain's Chairs

If the second row is equipped with captain's chairs, the head restraints are not adjustable or removable. They automatically fold forward when the seatback is folded, and do not return to their normal position when the seatback is raised. After returning the seatback to its upright position after a folding operation, raise the head restraint until it locks in place.

The driver can also fold the second row outboard head restraints through the radio, for improved visibility when the vehicle is in REVERSE and there are no occupants in the seats.

Press the Headrest Fold button within the Controls menu of the Uconnect system to power fold the second row outboard head restraints.

NOTE:

- The head restraints must be raised manually when occupying the second row.
- Do not fold if there are passengers seated in the second row seats.

WARNING!

- All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat until the head restraints are placed in their proper positions in order to minimize the risk of neck injury in the event of a crash.

(Continued)

WARNING!

- Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted or removed could cause serious injury or death in the event of a collision.

Head Restraints — Second Row Bench

If the second row is equipped with a bench seat, the head restraints on the outboard seats are not adjustable or removable. They automatically fold forward when the seatback is folded, and do not return to their normal position when the seatback is raised. After returning the seatback to its upright position after a folding operation, raise the head restraint until it locks in place.

The driver can also fold the second row outboard head restraints through the radio, for improved visibility when the vehicle is in REVERSE, and there are no occupants in the seats.

Press the Headrest Fold button within the Controls menu of the Uconnect system to power fold the second row outboard head restraints.

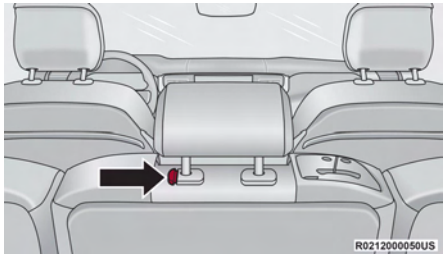
NOTE:

- The head restraints must be raised manually when occupying the second row.
- Do not fold if there are passengers seated in the second row seats.

The center head restraint has one adjustment position, and can be adjusted up, when the seat is occupied, or down for storage. To adjust this head restraint, push the adjustment button, located on the base of the head restraint, while pulling upward or pushing downward until it locks into place.

NOTE:

The center head restraint is not removable.



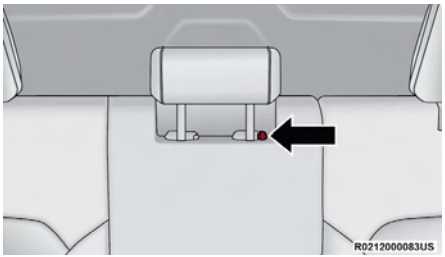
Center Seat Head Restraint Adjustment Button

WARNING!

- All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat until the head restraints are placed in their proper positions in order to minimize the risk of neck injury in the event of a crash.
- Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted or removed could cause serious injury or death in the event of a collision.

Third Row Head Restraints

The head restraint in the center position can be raised and lowered for tether routing or height adjustment ⇨ page 224.



Center Head Restraint Adjustment Button

NOTE:

The center head restraint should only be removed by qualified technicians, for service purposes only. If the head restraint requires removal, see an authorized dealer.

The third row outboard head restraints are not adjustable or removable, but can be folded for improved visibility when the vehicle is in REVERSE, and there are no occupants in the seats.

Press the Headrest Fold button within the Controls menu of the Uconnect system to power fold the third row head restraints.

The head restraints will also automatically fold when the seatbacks are folded forward using the release handles on the backs of the seats from the cargo area.

NOTE:

- The head restraints must be raised manually when occupying the third row.
- Do not fold if there are passengers seated in the third row seats.

WARNING!

- All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat until the head restraints are placed in their proper positions in order to minimize the risk of neck injury in the event of a crash.
- Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted or removed could cause serious injury or death in the event of a collision.

UCONNECT VOICE RECOGNITION QUICK TIPS — IF EQUIPPED

INTRODUCING VOICE RECOGNITION

Start using Uconnect Voice Recognition with these helpful quick tips. It provides the key Voice Commands and tips you need to know to control your vehicle's Voice Recognition (VR) system.

BASIC VOICE COMMANDS

The following basic voice commands can be given at any point while using your Uconnect system.

Push the VR button or say the vehicle's Wake Up word "Hey Uconnect". The factory default Wake Up word is set to "Hey Uconnect" and can be reprogrammed through the Uconnect Settings. After the beep, say:

- " **Cancel**" to stop a current voice session.
- " **Help**" to hear a list of suggested Voice Commands.
- " **Repeat**" to listen to the system prompts again.

Notice the visual cues that inform you of your Voice Recognition system's status.

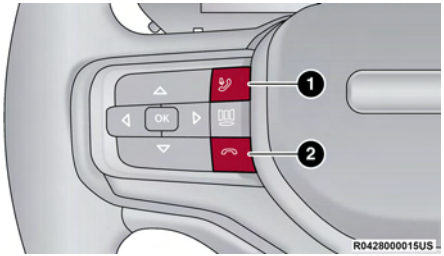
GET STARTED

The VR button is used to activate/deactivate your Voice Recognition system. You can also use the system's Wake Up word to activate voice recognition. The Wake Up word can be set through the Uconnect Settings ⇨ page 170.

Helpful hints for using Voice Recognition:

- Reduce background noise. Wind noise and passenger conversations are examples of noise that may impact recognition.
- Speak clearly at a normal pace and volume while facing straight ahead.
- Each time you give a Voice Command, first push the VR button or say the Wake Up word, wait until after the beep, then say your Voice Command.
- You can interrupt the help message or system prompts by pushing the VR button and saying a Voice Command from the current category.

- You can also interrupt the help message or system prompts by speaking. This feature is called “barge-in” and can be set through the Uconnect Settings ⇨ page 170.



Uconnect Voice Command Buttons

1 — For Vehicles Equipped With Navigation: Push The Voice Recognition Button To Begin Radio, Media, Navigation, Climate, Start Or Answer A Phone Call, And Send Or Receive A Text
1 — For Vehicles Not Equipped With Navigation: Push The Phone Button To Answer An Incoming Phone Call
2 — Push The Hang Up Button To End A Call Currently In Progress

ADDITIONAL INFORMATION

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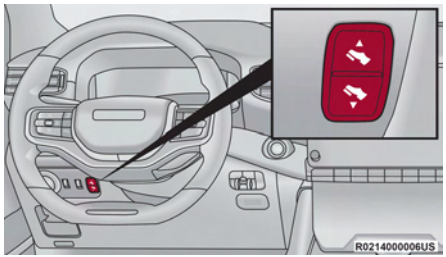
DRIVER ADJUSTABLE PEDALS — IF EQUIPPED

The adjustable pedals system is designed to allow a greater range of driver comfort for steering wheel tilt and seat position. This feature allows the brake and accelerator pedals to move toward or away from the driver to provide improved position with the steering wheel.

The adjustable pedal switch is located on the instrument panel, next to the headlight switch.



Adjustable Pedals Switch

- The pedals can be adjusted with the ignition in the OFF position.
- The pedals **cannot** be adjusted when the vehicle is in REVERSE or when the Cruise Control system or Adaptive Cruise Control system is on. If there is an attempt to adjust the pedals when the system is locked out, one of the following messages will appear:
  - Adjustable Pedal Disabled — Cruise Control Engaged
  - Adjustable Pedal Disabled — Vehicle In Reverse

NOTE:

- Always adjust the pedals to a position that allows full movement of the pedal.
- Further small adjustments may be necessary to find the best possible seat/pedal position.
- For vehicles equipped with Driver Memory Settings ⇨ page 30, you can use your key fob or the memory switch on the driver’s door trim panel to return the adjustable pedals to saved positions.

WARNING!
Do not adjust the pedals while the vehicle is moving. You could lose control and have an accident. Always adjust the pedals while the vehicle is parked.

CAUTION!
Do not place any article under the adjustable pedals or impede its ability to move, as it may cause damage to the pedal controls. Pedal travel may become limited if movement is stopped by an obstruction in the adjustable pedal's path.

MIRRORS

INSIDE REARVIEW MIRROR

Automatic Dimming Mirror — If Equipped

The mirror head can be adjusted up, down, left, and right. The mirror should be adjusted to center on the view through the rear window.

This mirror automatically adjusts for headlight glare from vehicles behind you.

NOTE:

The Automatic Dimming Mirror feature is disabled when the vehicle is in REVERSE to improve the driver's view.

You can turn the feature on or off through the Uconnect system ⇨ page 170.

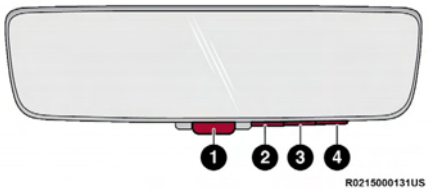
Automatic Dimming Mirror

Digital Rearview Mirror — If Equipped

The Digital Rearview Mirror provides a high definition, wide and unobstructed view of the road behind while driving.

Position the mirror in the regular Automatic Dimming Mirror mode, then activate the Digital Rearview Mirror mode.

To activate the Digital Rearview Mirror, pull the on/off control lever on the bottom of the mirror rearward toward the driver.



Digital Rearview Mirror

1 — On/Off Control/Toggle
2 — Menu Button
3 — Left Scroll Button
4 — Right Scroll Button

Push the menu button next to the on/off control/toggle to access the following mirror options:

- Brightness
- Tilt

Use the left and right buttons to scroll through menu options.

When not in use, push the on/off forward toward the windshield to return the mirror to the regular Automatic Dimming Mirror.

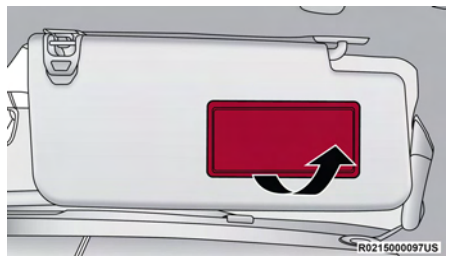
NOTE:

- The Digital Rearview Mirror is not as effective during nighttime driving in low light applications due to low ambient light levels. In the event that it provides the user with less than expected vision, the mirror can be reverted to a normal reflective Automatic Dimming Mirror by pushing the control/toggle forward in the vehicle and putting the mirror into Automatic Dimming Mirror mode.
- When the rear window washer is activated by pushing the windshield wiper/washer lever forward, the rear Back Up and Digital Rearview Mirror (if equipped) cameras are also washed. For more information, see ⇨ page 57.

ILLUMINATED VANITY MIRRORS

To access an illuminated vanity mirror, flip down one of the visors.

Lift the cover to reveal the mirror. The light will turn on automatically.



Lift Cover On Vanity Mirror

Sun Visor Slide-On-Rod Feature — If Equipped

The sun visor Slide-On-Rod feature allows for additional flexibility in positioning the sun visor to block out the sun.

1. Fold down the sun visor.
2. Unclip the visor from the center clip.
3. Pivot the sun visor toward the side window.
4. Extend the sun visor blade for additional sun blockage.

NOTE:

The sun visor blade can also be extended while the sun visor is against the windshield for additional sun blockage through the front of the vehicle.

OUTSIDE MIRRORS

To receive maximum benefit, adjust the outside mirror(s) to center on the adjacent lane of traffic with a slight overlap of the view obtained on the inside mirror.

WARNING!
Vehicles and other objects seen in an outside convex mirror will look smaller and farther away than they really are. Relying too much on side convex mirrors could cause you to collide with another vehicle or other object. Use your inside mirror when judging the size or distance of a vehicle seen in a side convex mirror.

Outside Mirrors Folding Feature

All outside mirrors are hinged and may be moved either forward or rearward to resist damage. The hinges have three detent positions:

- Full forward position
- Full rearward position
- Normal position

Outside Mirrors With Turn Signal And Approach Lighting — If Equipped

Driver and passenger outside mirrors with turn signal and approach lighting contain LEDs, which are located in the lower outer corner of each mirror.

The outer LEDs are turn signal indicators, which flash with the corresponding turn signal lights in the front and rear of the vehicle. Turning on the Hazard Warning flashers will also activate these LEDs.

The approach lighting, which turns on in both mirrors when you use the key fob or open any door is located on the underside of the mirror.

The illuminated entry lighting fades to off after about 30 seconds or it will fade to off immediately once the ignition is placed in the ON/RUN position.

NOTE:

The approach lighting will not function when the gear selector is moved out of the PARK position.

OUTSIDE AUTOMATIC DIMMING MIRROR — IF EQUIPPED

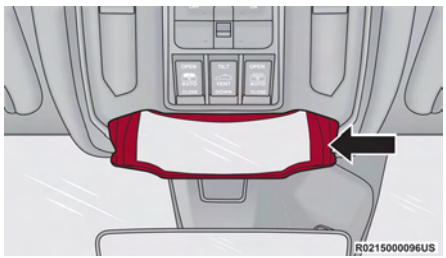
The exterior driver side mirror will automatically adjust for glare from vehicles behind you. This feature is controlled by the inside automatic dimming mirror. The mirror will automatically adjust for headlight glare when the inside mirror adjusts.

CONVERSATION MIRROR

Located in the overhead console there is a conversation mirror to view all of the passengers in the vehicle. Push the panel to release the drop down mirror, raise it back up to 3/4 of the way and let go; a latch will hold the mirror in place. Raise the mirror all the way and push to latch it back in the stowed position.

NOTE:

From the conversation mirror position, do not pull the door fully open because it will damage the door. The door must be put back in the closed position before fully opening it.

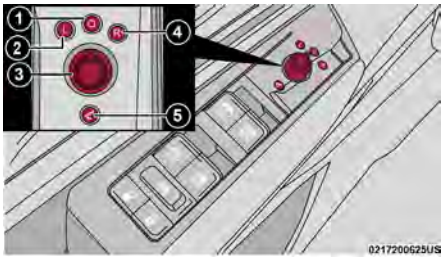


Conversation Mirror

POWER MIRRORS

The power mirror control switch is located on the driver's side door trim panel.

To adjust a mirror, rotate the control switch to the desired mirror: (L) or (R). Then push the switch in the direction that you want the mirror to move.



Power Mirror Switch

1 — Neutral Position
2 — Left Mirror
3 — Control Switch
4 — Right Mirror
5 — Power Folding Position (If Equipped)

NOTE:

Once adjustment is complete, rotate the knob to the neutral position to prevent accidental movements.

Power Folding — If Equipped

To fold the door mirrors in using the Power Folding Mirror function, rotate the control switch to the power folding position. Rotating the control to the left, right, or neutral position will return the mirrors to the driving position.

If the power mirror control switch is moved again during door mirror folding (from closed to open position and vice versa), the movement direction is reversed.

NOTE:

The Power Folding Mirror function is only available when the ignition is in the ON/RUN position.

Resetting The Power Folding Outside Mirrors

You may need to reset the power folding mirrors if the following occurs:

- The mirrors are accidentally blocked while folding.
- The mirrors are accidentally manually folded/unfolded (by hand or by pushing the power folding mirror switch).
- The mirrors come out of the unfolded position.
- The mirrors shake and vibrate at normal driving speeds.

To reset the power folding mirrors: Fold and unfold them by turning the switch (this may require multiple switch activations to synchronize the driver and passenger mirror). This resets them to their normal position.

Power mirror position can be saved as part of the Driver Memory Settings (if equipped) ⇨ page 30.

AUTOMATIC POWER FOLDING MIRRORS — IF EQUIPPED

When enabled within Uconnect Settings ⇨ page 170, the exterior mirrors will automatically fold when the vehicle's ignition is placed in the OFF position, and after the doors are locked and closed.

The exterior mirrors will auto-fold in the following situations after the ignition is placed in the OFF position:

- Pushing the lock button on the door panel before the door is opened.

  NOTE:

  If the doors are already locked, push the lock button again.
- Opening the door, then pushing the lock button on the door panel, followed by closing the door.
- After exiting the vehicle, close the doors then push the lock button on the key fob.
- After exiting the vehicle, close the doors then touch the lock icon on the Passive Entry door handle.

Automatic Unfolding

If the exterior mirrors were folded automatically, they will unfold based on the selection with the Uconnect system:

- When the vehicle is unlocked using the key fob
- When the vehicle is unlocked using a Passive Entry door handle
- When Proximity Wake-Up is activated ⇨ page 53
- When the ignition is placed in the ON/RUN position

NOTE:

If the mirrors were folded manually by using the power folding mirror switch on the driver's door panel, they will not automatically unfold.

HEATED MIRRORS — IF EQUIPPED

These mirrors are heated to melt frost or ice. This feature will be activated whenever you turn on the rear window defroster (if equipped) ⇨ page 57.

TILT SIDE MIRRORS IN REVERSE — IF EQUIPPED

Tilt Side Mirrors In Reverse provides automatic outside mirror positioning which will aid the driver's view of the ground rearward of the front doors. Outside mirrors will move slightly downward from the present position when the vehicle is shifted into REVERSE. Outside mirrors will then return to the original position when the vehicle is shifted out of REVERSE position. Each stored memory setting will have an associated Tilt Side Mirrors In Reverse position.

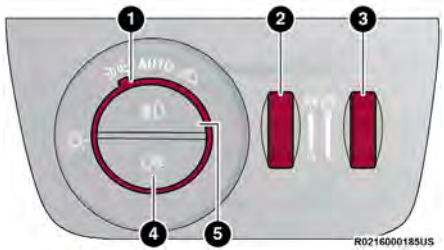
NOTE:

The Tilt Side Mirrors In Reverse feature can be turned on and off using the Uconnect system ⇨ page 170.

EXTERIOR LIGHTS

HEADLIGHT SWITCH

The headlight switch is located on the left side of the instrument panel, next to the steering wheel. The headlight switch controls the operation of the headlights, parking lights, instrument panel lights, and fog lights (if equipped).



Headlight Switch

1 — Rotate Headlight Control
2 — Ambient Light Dimmer Control
3 — Instrument Panel Dimmer Control
4 — Push Rear Fog Light Control
5 — Push Front Fog Light Control

NOTE:

The headlight switch has an AUTO and ON detent but not an OFF detent. Headlights will be deactivated when the headlight switch is placed in the parking lights position. However, the Daytime Running Lights (DRLs) will be activated along with the front and rear marker lights. The DRLs may be deactivated when the parking brake is engaged.

To turn on the headlights, rotate the headlight switch clockwise. When the headlight switch is on, the parking lights, taillights, license plate light and instrument panel lights are also turned on. To turn the exterior lights off, the headlight switch must be rotated to AUTO position.

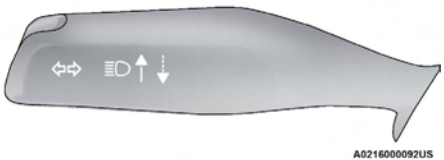
NOTE:

- Your vehicle is equipped with plastic headlight and fog light (if equipped) lenses that are lighter and less susceptible to stone breakage than glass lights. Plastic is not as scratch resistant as glass and therefore different lens cleaning procedures must be followed.
- To minimize the possibility of scratching the lenses and reducing light output, avoid wiping with a dry cloth. To remove road dirt, wash with a mild soap solution followed by rinsing.

CAUTION!
Do not use abrasive cleaning components, solvents, steel wool or other abrasive materials to clean the lenses.

MULTIFUNCTION LEVER

The multifunction lever is located on the left side of the steering column.



Multifunction Lever

DAYTIME RUNNING LIGHTS (DRLS) — IF EQUIPPED

The Daytime Running Lights (DRLs) come on whenever the engine is running, and the low beams are not on. The lights will remain on until the ignition is placed in the OFF or ON/RUN position, or the parking brake is engaged. The headlight switch must be used for normal nighttime driving.

NOTE:

- If allowed by law in the country in which the vehicle was purchased the Daytime Running Lights can be turned on and off using the Uconnect system ⇨ page 170.
- On some vehicles, the Daytime Running Lights may deactivate, or reduce intensity, on one side of the vehicle (when a turn signal is activated on that side), or on both sides of the vehicle (when the hazard warning lights are activated).

HIGH/LOW BEAM SWITCH

Push the multifunction lever toward the instrument panel to switch the headlights to high beams. Pulling the multifunction lever back toward the steering wheel will turn the low beams back on, or shut the high beams off.

AUTOMATIC HIGH BEAMS — IF EQUIPPED

The Automatic High Beam Headlight system provides increased forward lighting at night by automating high beam control through the use of a digital camera mounted on the inside rearview mirror. This camera detects vehicle specific light and automatically switches from high beams to low beams until the approaching vehicle is out of view.

NOTE:

- The Automatic High Beam Headlight system can be turned on or off by selecting or deselecting “Auto High Beam” within Uconnect Settings ⇨ page 170.
- The headlight switch must also be turned to the AUTO position after Automatic High Beams is enabled within Uconnect Settings for the feature to activate.
- Automatic High Beams will only activate when the vehicle speed is above 22 mph (35 km/h).
- Broken, muddy, or obstructed headlights and taillights of vehicles in the field of view will cause headlights to remain on longer (closer to the vehicle). Also, dirt, film, and other obstructions on the windshield or camera lens will cause the system to function improperly.

If the windshield or Automatic High Beam Headlight Control mirror is replaced, the mirror must be re-aimed to ensure proper performance. See a local authorized dealer.

FLASH-TO-PASS

You can signal another vehicle with your headlights by lightly pulling the multifunction lever toward you. This will cause the high beam headlights to turn on, and remain on, until the lever is released.

AUTOMATIC HEADLIGHTS

This system automatically turns the headlights on or off according to ambient light levels. To turn the system on, rotate the headlight switch counterclockwise to the AUTO position. When the system is on, the headlight time delay feature is also on. This means the headlights will stay on for up to 90 seconds after you place the ignition into the OFF position. The headlight time delay can be programmed 0/30/60/90 seconds ⇨ page 170.

To turn the automatic system off, move the headlight switch out of the AUTO position.

NOTE:

The engine must be running before the headlights will come on in the automatic mode.

PARKING LIGHTS AND PANEL LIGHTS

To turn on the parking lights and instrument panel lights, leave the headlight switch in the first position. Rotate the headlight switch to the AUTO position to turn off the parking lights.

HEADLIGHTS ON AUTOMATICALLY WITH WIPERS

If your vehicle is equipped with Automatic Headlights, it also has this customer-programmable feature. When your headlights are in the automatic mode and the engine is running, they will automatically turn on when the wiper system is on. This feature is programmable through the Uconnect system ⇨ page 170.

NOTE:

When your headlights come on during the daytime, the vehicle will monitor outside brightness and decide if the instrument panel needs to be dimmed or not ⇨ page 54.

HEADLIGHT ILLUMINATION ON APPROACH

When enabled, the headlights, exterior door handle pocket lights (if equipped), and interior lights will illuminate when the unlock button on the key fob is pushed as the operator is approaching the vehicle. This feature can be turned on/off, and the length of time the headlights stay on can be programmed for up to 90 seconds within Uconnect Settings ⇨ page 170.

Proximity Wake-Up — If Equipped

This feature is enabled/disabled within the Uconnect system, and is activated when the operator approaches the driver's door, passenger's door, or liftgate with a valid key fob on their person. Some exterior and interior lights will illuminate in order to provide an increased sense of welcome and security as the operator approaches the vehicle in the dark. "Headlight Illumination On Approach" must be selected and set to a time value other than zero within Uconnect Settings for Proximity Wake-Up to activate.

The doors may be locked or unlocked for this feature to activate, as long as the ignition is in the OFF position, or during a Remote Start event. It will not activate if the doors are locked and the ignition was placed in the ON/RUN position.

NOTE:

Proximity Wake-Up may not activate under the following conditions:

- After numerous consecutive activations, in order to conserve the vehicle's battery
- After the vehicle's engine has been off for several days

Headlight Animation — If Equipped

When "Headlight Illumination On Approach" is turned on, and set to a time value above zero, the exterior lights illuminate in a theatrical manner during approach to the vehicle. This feature is activated in the following situations:

- Proximity Wake-Up (if equipped) is activated
- Remote Start is activated
- The unlock button on the key fob is pushed

NOTE:

For Headlight Animation to activate with Remote Start or with the push of the unlock button, "Greeting Lights" must also be selected within the Uconnect system.

HEADLIGHT DELAY

To aid in your exit, your vehicle is equipped with a headlight delay that will leave the headlights on for approximately 90 seconds. This delay is initiated when the ignition is placed in the OFF position while the headlight switch is on, and then the headlight switch is cycled off. Headlight delay can be canceled by either turning the headlight switch on then off, or by placing the ignition in the ON position.

NOTE:

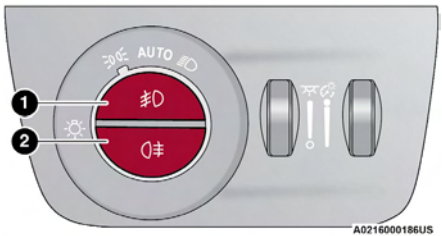
The headlight delay time is programmable through Uconnect Settings ⇨ page 170.

LIGHTS-ON REMINDER

If the headlights or parking lights are left on after the ignition is placed in the OFF position, a chime will sound when the driver's door is opened.

FRONT AND REAR FOG LIGHTS — IF EQUIPPED

The fog light switches are built into the headlight switch.



Fog Light Switch

1 — Front Fog Light Switch
2 — Rear Fog Light Switch

To activate the front fog lights, push the upper half of the headlight switch. To turn off the front fog lights, push the upper half of the headlight switch a second time.

NOTE:

To activate the front fog lights, the parking lights or low beam headlights must first be activated.

To activate the rear fog lights, push the lower half of the headlight switch. To turn off the rear fog lights, push the lower half of the headlight switch a second time.

NOTE:

To turn on the rear fog lights, the low beam headlights or front fog lights must first be active. If the vehicle is only equipped with rear fog lights, only a single button will be available in the center of the headlight switch. Push once to turn the rear fog lights on, and a second time to turn them off.

An indicator light in the instrument cluster illuminates when the fog lights are turned on.

Cornering Lights

The cornering lights are a feature to improve visibility at night while turning the vehicle. When activated, a light incorporated in the front fog light will illuminate on the side of the vehicle the steering wheel is rotated or the turn signal indicator is on. It can be activated through the Uconnect system ⇨ page 170.

TURN SIGNALS

Move the multifunction lever up or down and the arrows on each side of the instrument cluster will flash to show proper operation of the front and rear turn signal lights.

NOTE:

If either light remains on and does not flash, or there is a very fast flash rate, check for a defective outside light bulb.

LANE CHANGE ASSIST — IF EQUIPPED

Tap the multifunction lever up or down once, without moving beyond the detent, and the turn signal (right or left) will flash three times then automatically turn off.

NOTE:

For information on Turn Signal Activated Blind Spot Assist, see ⇨ page 146.

BATTERY SAVER

To protect the life of your vehicle's battery, load shedding is provided for both the interior and exterior lights.

If the ignition is placed in the OFF position and any door is left ajar for 10 minutes or if the overhead console Dome ON switch is pressed, and the interior lights are on for 10 minutes, the interior lights will automatically turn off.

NOTE:

Battery saver mode is canceled if the ignition is in the ON position.

If the headlights remain on while the ignition is placed in the OFF position, the exterior lights will automatically turn off after eight minutes. If the headlights are turned on and left on for eight minutes while the ignition is in the OFF position, the exterior lights will automatically turn off.

NOTE:

The battery saver mode is canceled if the ignition is OFF and the headlight switch is in the park lamp position. The parking lamps will remain on and drain the vehicle's battery.

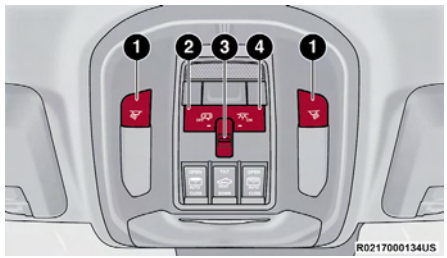
INTERIOR LIGHTS

COURTESY LIGHTS

Courtesy and dome lights are turned on when the front doors are opened or the Dome ON button is pushed on the overhead console. If your vehicle is equipped with Remote Keyless Entry and the unlock button is pushed on the key fob, the courtesy and dome lights will turn on. When a door is open and the interior lights are on, pressing the Dome Defeat button on the overhead console will cause all of the interior lights to turn off. This allows the doors to stay open for extended periods of time without discharging the vehicle's battery.

Front Map/Reading Lights — If Equipped

The overhead console lights can also be operated individually as reading lights by pushing the corresponding buttons.



Courtesy Lights

1 — Reading Light On/Off Buttons
2 — Dome Defeat Button
3 — Ambient Light
4 — Dome ON Button

Rear Courtesy/Reading Lights

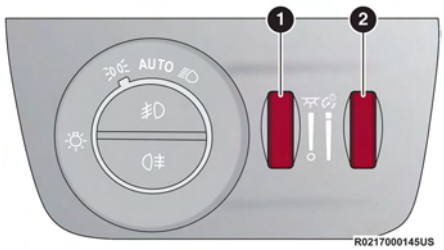
Located above the rear passenger seating in both second and third rows, along the trim, are courtesy/reading lights. The courtesy lights turn on when a door or the liftgate is opened. The lights will also turn on when the unlock button on the key fob is pushed.

The courtesy lights also function as reading lights. Push the lens button to turn these lights on while inside the vehicle. Push the lens button a second time to turn each light off.

DIMMER CONTROLS

The dimmer controls are inboard and adjacent to the headlight switch located on the left side of the instrument panel.

With the parking lights or headlights on, rotating the right dimmer control upward will increase the brightness of the instrument cluster lights. Rotating the left dimmer control will adjust the interior light levels of the ambient lighting on the instrument panel and doors. The ambient lighting may be color customizable ⇨ page 55.



Dimmer Controls

1 — Ambient Light Dimmer Control
2 — Instrument Panel Dimmer Control

NOTE:

- Ambient lighting in the second and third row seating areas may not be equipped in the vehicle.
- The dimming of the touchscreen is programmable through the Uconnect system ⇨ page 170.

MULTICOLOR AMBIENT LIGHTING — IF EQUIPPED

The color of certain ambient lighting inside of the vehicle can be selected within the Apps menu on the radio screen, or within Uconnect Settings ⇨ page 170. Brightness is adjusted using the ambient light dimmer control on the headlight switch.

Five colors can be selected for the following two zones inside of the vehicle:

- Zone 1:
  - Instrument panel decorative ambient lights
- Zone 2:
  - Front seat footwell areas below the instrument panel
  - Lighting below the second row seats
  - Map pocket lighting on all four door panels

These areas can be set to different colors, or if the SYNC button is selected within the settings menu, all colored lights will be set to the same color automatically.

NOTE:

All other ambient lighting inside of the vehicle will remain white, and the ambient light dimmer control switch will adjust all ambient lighting at the same time.

ILLUMINATED ENTRY — IF EQUIPPED

The Illuminated Entry feature allows you to activate the low beam, parking lights, and side marker lights for 25 seconds when the vehicle is unlocked (through the key fob or the Passive Entry door handles [if equipped]).

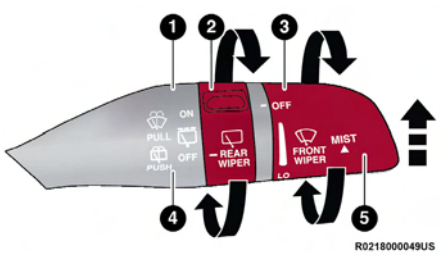
This feature can be activated or deactivated through the Uconnect Settings ⇨ page 170.

NOTE:

- When a door is open with the feature active, the activation of the lights is extended for five seconds.
- The feature is disabled when the vehicle is locked or when the ignition is placed in the ON/RUN position.

WINDSHIELD WIPERS AND WASHERS

The windshield wiper/washer lever is located on the right side of the steering column. The front wipers are operated by rotating a switch, located on the end of the lever.



Windshield Wiper Operation

1 — Pull For Front Washer
2 — Rotate For Rear Wiper Operation
3 — Rotate For Front Wiper Operation
4 — Push Forward For Rear Washer
5 — Push Up For Mist

WINDSHIELD WIPER OPERATION

The wipers and washers are operated by a switch within the wiper lever. Rotate the switch at the end of the lever upward, to the first detent past the intermittent settings for low-speed wiper operation. Rotate the switch at the end of the lever upward to the second detent past the intermittent settings for high-speed wiper operation. To turn the windshield wipers off, rotate the switch within the lever all the way down to OFF.

CAUTION!

Always remove any buildup of snow that prevents the windshield wiper blades from returning to the parked position. If the windshield wiper switch is turned off, and the blades cannot return to the parked position, damage to the wiper motor may occur.

Intermittent Wiper System

Use the intermittent wiper when weather conditions make a single wiping cycle with a variable pause between cycles desirable. Rotate the switch at the end of the wiper lever to the first detent position, and then turn the switch at the end of the lever to select the desired delay interval. There are four delay settings, which allow you to regulate the wipe interval from a minimum of one cycle every second to a maximum of approximately 36 seconds between cycles. The delay intervals will double in duration when the vehicle speed is 10 mph (16 km/h) or less.

NOTE:

If the vehicle is moving less than 10 mph (16 km/h), delay times will be doubled.

Windshield Washer Operation

To use the washer, pull the lever rearward toward you and hold. If the lever is pulled while on the intermittent setting, the wipers will turn on and operate for several wipe cycles after the lever is released, and then resume the intermittent interval previously selected. If the lever is pulled while the wipers are in the off position, the wipers will operate several cycles, then turn off.

NOTE:

- As a protective measure, the pump will stop if the switch is held for more than 20 seconds. Once the switch is released the pump will resume normal operation.
- If the front window washer feature is activated, all of the front cameras (if equipped) on the vehicle will be washed as well.

WARNING!

Sudden loss of visibility through the windshield could lead to a collision. You might not see other vehicles or other obstacles. To avoid sudden icing of the windshield during freezing weather, warm the windshield with the defroster before and during windshield washer use.

Mist

Use the Mist feature when weather conditions make occasional usage of the wipers necessary. Push the lever upward to the MIST position and release for a single wiping cycle.

NOTE:

The Mist feature does not activate the washer pump; therefore, no washer fluid will be sprayed on the windshield. The washer function must be used in order to spray the windshield with washer fluid.

RAIN SENSING WIPERS — IF EQUIPPED

This feature senses rain or snowfall on the windshield and automatically activates the wipers. Rotate the end of the windshield wiper lever to one of the four detent positions to activate this feature.

The sensitivity of the system is adjustable from the windshield wiper lever. Wiper sensitivity position 1 is the least sensitive, and wiper sensitivity position 4 is the most sensitive.

NOTE:

- The Rain Sensing feature will not operate when the wiper switch is in the low or high position.
- The Rain Sensing feature may not function properly when ice or dried saltwater is present on the windshield.
- Use of products containing wax or silicone may reduce rain sensor performance.
- The Rain Sensing feature can be turned on and off through the Uconnect system ⇨ page 170.

The Rain Sensing system has protective features for the wiper blades and arms. It will not operate under the following conditions:

- **Low Temperature Wipe Inhibit** — The Rain Sensing feature will not operate when the ignition is first placed in the ON position, when the vehicle is stationary and the outside temperature is below 32°F (0°C), unless the wiper control on the windshield wiper lever is moved, the vehicle speed becomes greater than 3 mph (5 km/h) or the outside temperature rises above freezing.
- **Neutral Wipe Inhibit** — The Rain Sensing feature will not operate when the ignition is ON, when the transmission gear selector is in the NEUTRAL position and the vehicle speed is less than 3 mph (5 km/h), unless the wiper control on the windshield wiper lever is moved, the vehicle speed is greater than 3 mph (5 km/h) or the gear selector is moved out of the NEUTRAL position.
- **Remote Start Mode Inhibit** — On vehicles equipped with the Remote Start system, Rain Sensing wipers are not operational when the vehicle is in the Remote Start mode. Once the operator is in the vehicle and has placed the ignition switch in the ON/RUN position, rain sensing wiper operation can resume, if it has been selected, and no other inhibit conditions (mentioned previously) exist.

REAR WIPER AND WASHER

The rear wiper/washer is operated by rotating a switch, located at the middle of the lever.

Rotate the center portion of the lever upward to the first detent for intermittent operation and to the second detent for continuous rear wiper operation.

Rear Window Washer Operation

Pushing the windshield wiper lever forward activates the rear window washer. If the lever is pushed while on the intermittent setting, the wiper will turn on and operate for several wipe cycles after the lever is released, and then resume the intermittent interval previously selected. If the lever is pushed while the wiper is in the off position, the wiper will operate several wipe cycles, then turn off.

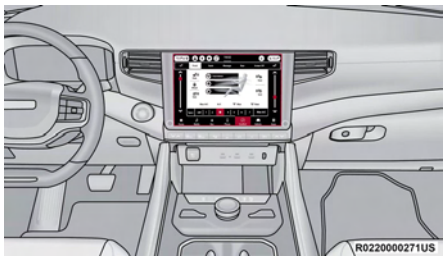
NOTE:

When the rear window washer is activated, the rear Back Up camera and Digital Rearview Mirror (if equipped) cameras are also washed.

CLIMATE CONTROLS

The Climate Control system allows you to regulate the temperature, air flow, and direction of air circulating throughout the vehicle. The controls are located on the touchscreen and on the instrument panel below the radio.

AUTOMATIC CLIMATE CONTROL DESCRIPTIONS AND FUNCTIONS



Uconnect 5 NAV With 10.1-inch Or 12-inch Display Temperature Controls

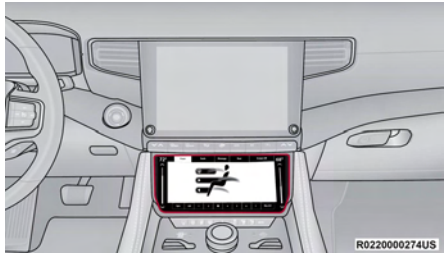
Instrument Panel Climate Control Toggle Switches

Front Comfort And Convenience Display — If Equipped

The Front Comfort And Convenience Display is a retractable screen located below the main Uconnect display that controls the front and rear climate settings just as the Controls menu would within the Uconnect system.

Other front seat functions can also be adjusted from this screen, such as:

- Power Massage Seat ⇨ page 40
- Power Lumbar ⇨ page 38
- Power Bolster ⇨ page 38

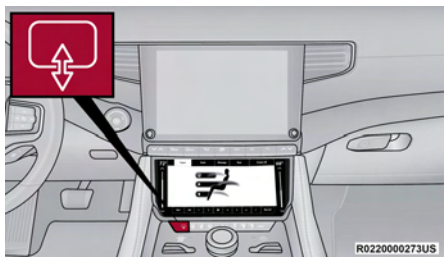


Front Comfort And Convenience Display Location

NOTE:

The Front Comfort And Convenience Display can only be used if the vehicle is in the ON/RUN position.

To stow this display and access the power outlet, USB ports, and wireless charging pad, push the screen open/close hard button below the display, in front of the gear selector. Pushing the button again will lower the screen for use.



Screen Open/Close Button

NOTE:

When the open/close button is pushed to stow the Front Comfort And Convenience Display screen, the screen will turn off and save the menu it was on prior to being stowed.

Max A/C Button

Press and release the MAX A/C button on the touchscreen to automatically turn the air conditioning on to the coldest temperature setting and the highest blower speed. The MAX A/C indicator illuminates when MAX A/C is ON. Performing this function again will cause the MAX A/C operation to switch into manual mode and the MAX A/C indicator will turn off. Pressing other setting buttons will also cause the MAX A/C to turn off.

MAX A/C sets the control for maximum cooling performance.

NOTE:

- The MAX A/C button is only available on the touchscreen.
- Pressing the MAX A/C button on the front climate control screen will not set the rear A/C to MAX unless the rear A/C was already active. If the rear A/C is not active, pressing the MAX A/C button will not turn on the rear A/C.
- For best A/C performance, it is recommended that the rear A/C be turned to ON or AUTO and synced to the driver's climate settings.

A/C Button

Press and release the A/C button on the touchscreen, or push the toggle switch on the faceplate down, to turn the air conditioning on. The A/C indicator illuminates when A/C is on.

Recirculation Button

Press and release the Recirculation button on the touchscreen, or push the toggle switch on the faceplate down, to change the system between recirculation mode and outside air mode. Recirculation can be used when outside conditions such as smoke, odors, dust, or high humidity are present. Recirculation can be used in all modes. Recirculation may be unavailable if conditions exist that could create fogging on the inside of the windshield. The A/C can be deselected manually without disturbing the mode control selection. Continuous use of Recirculation mode may make the inside air stuffy and window fogging may occur. Extended use of this mode is not recommended.

In cold weather, use of Recirculation mode may lead to excessive window fogging. The Recirculation feature may be unavailable if conditions exist that could create fogging on the inside of the windshield.

AUTO Button

Press the AUTO button on the touchscreen, or push toggle switch on the faceplate down to automatically control the front driver and passenger area's temperature by adjusting distribution and amount of airflow. Performing this function will cause the system to switch between manual mode and automatic modes ⇨ page 64. AUTO mode is highly recommended for efficiency.

MAX Defrost Button

Press the MAX Defrost button on the touchscreen, or push the toggle switch on the faceplate down, to change the current airflow setting to Defrost mode. The indicator illuminates when this feature is on. Performing this function will cause the automatic climate controls to change to manual mode.

When MAX Defrost mode is selected:

- The blower speed increases to full (all LEDs on)
- Air conditioning compressor is turned on (LED on)
- Both driver and passenger temperature controls are set to HI
- Defrost mode is selected (LED on)
- Rear defroster is turned on (LED on)
- Air recirculation is turned off (LED off)

If MAX Defrost mode is turned off, the Climate Control system will return to the previous setting.

Rear Defrost Button

Press and release the button on the touchscreen, or push the toggle switch on the faceplate down, to turn on the rear window defroster and the heated outside mirrors (if equipped). The Rear Defrost indicator illuminates when the rear window defroster is on. The rear window defroster automatically turns off after 10 minutes.

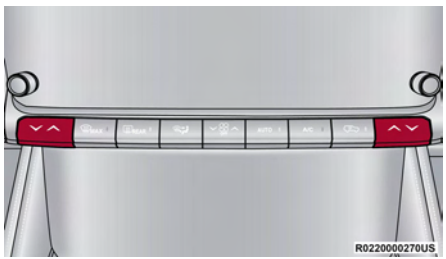
CAUTION!

Failure to follow these cautions can cause damage to the heating elements:

- Use care when washing the inside of the rear window. Do not use abrasive window cleaners on the interior surface of the window. Use a soft cloth and a mild washing solution, wiping parallel to the heating elements. Labels can be peeled off after soaking with warm water.
- Do not use scrapers, sharp instruments, or abrasive window cleaners on the interior surface of the window.
- Keep all objects a safe distance from the window.

Driver And Passenger Temperature Switches

These toggle switches provide the driver and passenger with independent temperature control by pushing the single switch upward or downward.



Instrument Panel Toggle Switches

Push upward on the driver's or passenger's side toggle switch on the faceplate, or press and slide the temperature bar towards the red arrow button on the touchscreen for warmer temperature settings. Push downward the driver's or passenger's side toggle switch on the faceplate, or press and slide the temperature bar towards the blue arrow button on the touchscreen for cooler temperature settings.

SYNC Button

Press the SYNC button on the touchscreen to turn the SYNC feature on/off. The SYNC indicator illuminates when SYNC is on. SYNC is used to synchronize the front passenger temperature and rear passenger temperature, mode, and blower settings with the driver temperature, mode, and blower settings. Changing the front passenger temperature or rear passenger temperature, mode, and blower settings while in SYNC will automatically exit this feature.

NOTE:

- When SYNC is not active, the rear passenger climate control settings will need to be adjusted manually to achieve desired comfort. See ⇨ page 61 and ⇨ page 62 for more information.
- The SYNC setting is only available on the touchscreen.

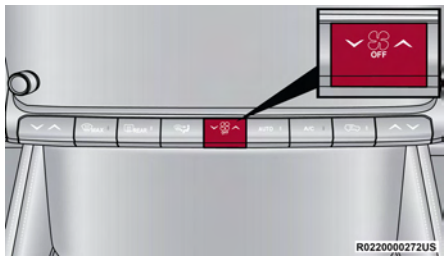
Blower Control

Blower Control is used to regulate the amount of air forced through the Climate Control system. There are several blower speeds available. The speeds can be selected using the blower control buttons on the touchscreen.

Use the small blower icon to reduce the blower setting and the large blower icon to increase the blower setting. Blower speed can also be selected by pressing the numbered blower speed on the bar area between the blower icons.

NOTE:

You can also adjust the blower speed by pushing the single blower control toggle switch on the faceplate. Push the toggle switch downward to decrease speed, or upward to increase speed.



Blower Control Toggle Switch

Tri-Mode Climate

Three airflow distribution modes can be selected on/off individually by pressing the icons on the touchscreen for up to seven combinations of airflow. The icons on the screen will illuminate when selected, and turn off when deselected.

The three airflow modes are:

Windshield (Front Defrost outlets)

Face (instrument panel outlets)

Feet (floor outlets)

Mode Control Button On The Instrument Panel

The airflow distribution mode can also be selected by pushing the hard toggle switch on the instrument panel, below the radio screen. Pushing this toggle switch down will cycle through the seven mode combinations in order: Face, Face/Feet, Feet, Windshield/Feet, Windshield, Windshield/Face, and Windshield/Face/Feet. The cycle will repeat if the button is continually pushed.

NOTE:
The distribution modes on the climate control screen will also illuminate when a selection is made using the button on the instrument panel.

Climate Control OFF Button

Press and release the OFF button on the touchscreen, or push the blower control button on the faceplate and release when the OFF setting has been reached, to turn the Climate Control system on/off.

Controlling The Rear Climate Controls From The Front Climate Screen

Four-Zone Rear Climate Controls From Front Climate Screen

The Three-Zone and Four-Zone Climate Control system allows for adjustment of the rear climate controls from the front screen. This can be done through either the main Uconnect display, or the Front Comfort And Convenience Display (if equipped).

NOTE:
If equipped with a Four-Zone Climate Control system, the temperature of left and right sides of the rear passenger zones can be adjusted separately from the front or rear climate screens.

To change to the rear climate control screen:

- Press the “Rear” icon on the touchscreen to display the rear climate controls. The control functions now operate the rear system.
- Press the “Front” icon on the touchscreen to return to the front climate controls.

LOCK REAR CLIMATE

Press and release the “Lock Rear” icon to lock out manual control of the rear temperature and blower settings made from the rear climate control display. The “Lock Rear” icon will illuminate and the text will update to “Unlock Rear” when this feature is selected. When the feature is deselected, the text will change back to “Lock Rear” and will no longer be illuminated.

REAR AUTO BUTTON

Press and release “Auto” on the rear climate control screen to control the selected rear passenger temperature by automatically adjusting airflow distribution and amount. The “Auto” icon will illuminate when this feature is selected, and will turn off when deselected. Pressing any other climate control function for the rear system will cause the rear system to switch between manual mode and automatic modes ⇨ page 64.

SYNC BUTTON

Press the SYNC To Driver icon on the rear climate control screen to turn the SYNC feature on/off. SYNC is used to synchronize all front and rear passenger zones to the driver’s set temperature, mode, and blower settings. The SYNC indicator will illuminate when SYNC is on. Changing the front driver climate settings will adjust all passenger settings automatically. If the front passenger or rear climate settings are adjusted while SYNC is on, SYNC will automatically exit.

NOTE:
When SYNC is not active, the rear passenger climate control settings will need to be adjusted manually to achieve desired comfort. See ⇨ page 61 and ⇨ page 62 for more information.

REAR BLOWER CONTROL

Rear Blower Control is used to regulate the amount of air forced through the rear climate system. There are several blower speeds available. The speeds can be selected using the buttons on the touchscreen. Use the small blower icon (or blower icon with the downward arrow) to reduce the blower setting, and the large blower icon (or blower icon with the upward arrow) to increase the blower setting. Blower can also be selected by pressing the blower bar area between the icons.

REAR MODE CONTROL

Two airflow distribution modes for the rear seat passengers can be selected on/off from the front climate screen by individually by pressing the icons on the

touchscreen for up to three combinations of airflow. The icons on the screen will illuminate when selected, and turn off when deselected.

The two airflow modes are:

Face (panel outlets)

Feet (floor outlets)

NOTE:

If Auto is selected, these icons will no longer be available and the current mode selection will be overwritten.

REAR CLIMATE CONTROL OFF

To turn the rear climate controls off, press the OFF button on the touchscreen, near the blower buttons.

Rear Climate Control Description And Functions

Rear Comfort And Convenience Display Screen (If Equipped)

Rear Climate Buttons (If Equipped)

Rear Comfort And Convenience Display Screen (If Equipped)

The rear climate controls are located on rear of the front center console, or if equipped, on the Rear Comfort And Convenience Display screen located at the front of the rear center console.

The rear Climate Control system has floor air outlets at the right and left sides of the second and third row seats. There are also airflow outlets on the B-pillars in the second row seating area, as well as the side trim panels in the third row seating area. The system provides heated or cooled air through the floor outlets, and dehumidified air through the B-pillar and side trim panel outlets.

NOTE:

If equipped with a Four-Zone ATC system, the left and right sides of the rear passenger zones can be adjusted separately from the front or rear climate control displays.

AUTO BUTTON

Push the AUTO button below the rear climate control display, or if equipped, press and release the AUTO button on the Rear Comfort And Convenience Display touchscreen to control the rear passenger area's temperature by automatically adjusting distribution and amount of airflow. Performing this function will cause the system to switch between manual mode and automatic modes ⇨ page 64.

REAR TEMPERATURE CONTROL

Push the Up or Down buttons near the rear climate control display, or if equipped, press the Up or Down arrow buttons on the Rear Comfort And Convenience Display touchscreen to control the rear passenger's temperature.

NOTE:

If equipped with a Four-Zone ATC system, the left and right sides of the rear passenger zones can be adjusted separately.

Push the Up or Down arrow hard buttons, or press and release, or slide the temperature bar on the touchscreen towards the red or blue arrow buttons on the touchscreen for warmer or cooler temperature settings.

REAR BLOWER CONTROL

Blower Control is used to regulate the amount of air forced through the Climate Control system. There are several blower speeds available. The speeds can be selected using the blower control buttons near the rear climate control display, or if equipped, on the Rear Comfort And Convenience Display touchscreen.

Use the blower button with the down arrow, or small blower icon on the touchscreen to reduce the blower setting. Use the blower button with the up arrow, or the large blower icon on the touchscreen to increase the blower setting.

NOTE:

Blower speed can also be selected by pressing the numbered blower speed on the touchscreen bar area between the blower icons.

REAR MODE CONTROL

Pushing the Mode button below the rear climate control display, located on the rear of the center console, will cycle through the three rear mode control options for airflow distribution. These options are: Face, Face/Feet, and Feet.

Mode Control From The Rear Comfort And Convenience Display

If equipped with the Rear Comfort And Convenience display, two airflow distribution modes can be selected on/off from the display by individually by pressing the icons on the touchscreen for up to three combinations of airflow. The icons on the screen will illuminate when selected, and turn off when deselected.

The two airflow modes are:

Face (panel outlets)

Feet (floor outlets)

NOTE:

If Auto is selected, these icons will no longer be available and the current mode selection will be overwritten.

REAR CLIMATE LOCK

When the rear climate controls are locked from the front climate controls, "Unlock Rear" will illuminate on the rear climate screen. No adjustments to the rear climate system can be made from the rear climate controls while the system is locked.

When the controls are then unlocked from the front climate controls, the text on the rear screen will update to "Lock Rear", and no longer be illuminated. Temperature, blower speed, and mode settings can now be made from the rear climate controls.

REAR CLIMATE CONTROL OFF

To turn the rear climate controls off, push the OFF button below the rear climate control display, or if equipped, press and release the OFF button on the Rear Comfort And Convenience Display touchscreen, near the blower buttons.

AUTOMATIC TEMPERATURE CONTROL (ATC)

Automatic Operation

1. Push the AUTO button on the front climate control display, and the word “AUTO” will illuminate along with two temperatures for the driver and front passenger. The system will then automatically regulate the amount of airflow.
2. Adjust the temperature you would like the system to maintain, by adjusting the driver, passenger, and rear temperatures. Once the desired temperature is displayed, the system will achieve, and automatically maintain, that comfort level.
3. When the system is set up for your comfort level, it is not necessary to change the settings. You will experience the greatest efficiency by simply allowing the system to function automatically.

NOTE:

It is not necessary to move the temperature settings. The system automatically adjusts the temperature, mode, and fan speed to provide comfort as quickly as possible.

To provide you with maximum comfort in the automatic mode during cold start-ups, the blower fan will remain on low until the engine warms up. The fan will engage immediately if the Defrost mode is selected, or by changing the front blower setting.

Manual Operation Override

This system offers a full complement of manual override features. The AUTO symbol in the front climate control display will no longer be illuminated when the system is being used in the manual mode.

NOTE:

The system will not automatically sense the presence of fog, mist or ice on the windshield. Defrost mode must be manually selected to clear the windshield and side glass.

CLIMATE VOICE RECOGNITION

Adjust vehicle temperatures hands-free and keep everyone comfortable while you keep moving ahead (If vehicle is equipped with climate control).

Push the VR/Phone button . After the beep, say one of the following commands:

- “ **Set the driver temperature to** 20 **degrees**”
- “ **Set the passenger temperature to** 20 **degrees**”

Did You Know: Voice Command for Climate may only be used to adjust the interior temperature of your vehicle. Voice Command will not work to adjust the heated seats or steering wheel if equipped.

OPERATING TIPS

CAUTION!
Interior air enters the Rear Climate Control system through an intake grille, located in the right side trim panel behind the third row seats. The heater outlets are located in the right side trim panel, just behind the rear doors. Do not block or place objects directly in front of the inlet grille or heater outlets. The electrical system could overload causing damage to the blower motor.

Refer to the chart at the end of this section for suggested control settings for various weather conditions.

Summer Operation

The engine cooling system must be protected with a high-quality antifreeze coolant to provide proper corrosion protection and to protect against engine overheating. OAT coolant (conforming to MS.90032) is recommended.

Winter Operation

To ensure the best possible heater and defroster performance, make sure the engine cooling system is functioning properly and the proper amount, type, and concentration of coolant is used. Use of the Air Recirculation mode during Winter months is not recommended, because it may cause window fogging.

Vacation/Storage

For information on maintaining the Climate Control system when the vehicle is being stored for an extended period of time, see page 310.

Window Fogging

Vehicle windows tend to fog on the inside in mild, rainy, and/or humid weather. To clear the windows, select Defrost or Mix mode and increase the front blower speed. Do not use the Recirculation mode without A/C for long periods, as fogging may occur.

Outside Air Intake

Make sure the air intake, located directly in front of the windshield, is free of obstructions, such as leaves. Leaves collected in the air intake may reduce airflow, and if they enter the air distribution box, they could plug the water drains. In Winter months, make sure the air intake is clear of ice, slush, and snow.

Cabin Air Filter

The Climate Control system filters out dust and pollen from the air. Contact an authorized dealer to service your cabin air filter, and to have it replaced when needed.

Stop/Start System — If Equipped

While in an Autostop, the Climate Control system may automatically adjust airflow to maintain cabin comfort. Customer settings will be maintained upon return to an engine running condition.

Operating Tips Chart

WEATHER	CONTROL SETTINGS
Hot Weather And Vehicle Interior Is Very Hot	Set the mode control to (Panel Mode), A/C (A/C) on, and blower on high. Roll down the windows for a minute to flush out the hot air. Adjust the controls as needed to achieve comfort.
Warm Weather	Turn A/C (A/C) on and set the mode control to (Panel Mode).
Cool Sunny	Operate in (Bi-Level Mode).
Cool & Humid Conditions	Set the mode control to (Mix Mode) and turn A/C (A/C) on to keep windows clear.
Cold Weather	Set the mode control to (Floor Mode). If windshield fogging starts to occur, move the control to (Mix Mode).

NOTE:

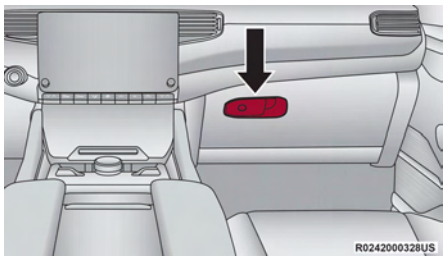
If your vehicle is equipped with a Tri-Pane Panoramic Sunroof, cabin heat generated by sunlight can be reduced by closing the first and second row power sunshade, as well as the third row manual sunshade.

INTERIOR STORAGE AND EQUIPMENT

STORAGE

Glove Compartment

The glove compartment is located on the passenger side of the instrument panel.



Glove Compartment Release Handle

To open the glove compartment, pull the release handle.

The glove compartment also has a lock cylinder that can be locked/unlocked with the emergency key (located inside the key fob) page 17.

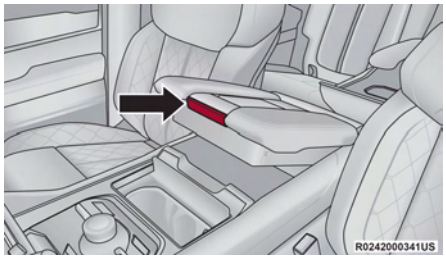
NOTE:

When valet parking your vehicle, remove the emergency key from the key fob, as it will open the safe.

Front Center Console

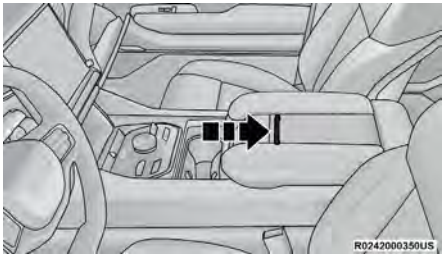
The front center console contains both an upper and a lower storage area.

To open the lower storage compartment, push the release button and lift up.



Lower Storage Compartment Release Button

To open the upper storage compartment, pull the sliding tab backwards to slide the door open.



Upper Storage Compartment Sliding Tab

Sunglasses Bin Door

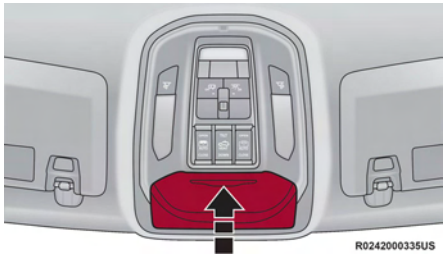
At the front of the console a compartment is provided for the storage of a pair of sunglasses. The storage compartment access is a “push/push” design. Push the chrome pad on the door to open. Push the chrome pad on the door to close.

From the fully closed position, push the chrome pad on the door once to fully open the sunglasses bin.

From the fully open position, raise the door back up 3/4 of the way and release to achieve the conversation mirror position.

NOTE:

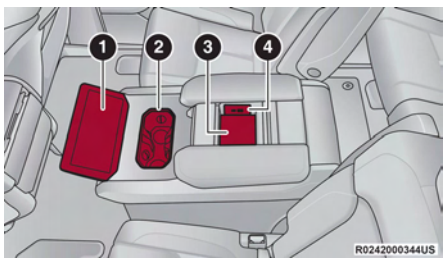
From the conversation mirror position, do not pull the door fully open because it will damage the door. The door must be put back in the closed position before fully opening it.



Sunglasses Bin Door

Rear Full Center Console — If Equipped

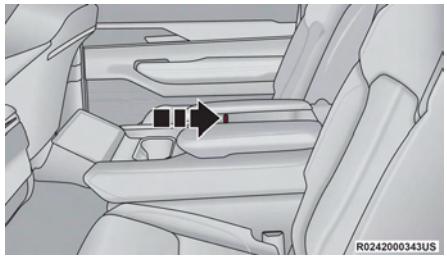
The rear full center console contains both an upper and a lower storage area.



Rear Center Console

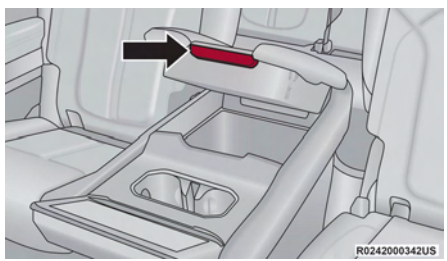
1 — Rear Comfort And Convenience Display
2 — Console Cupholders
3 — Upper Storage Compartment
4 — USB Ports

To open the upper storage compartment, pull the sliding tab rearward to slide the compartment door open.



Upper Storage Sliding Tab

To open the lower storage compartment, pull the release handle and lift upward.

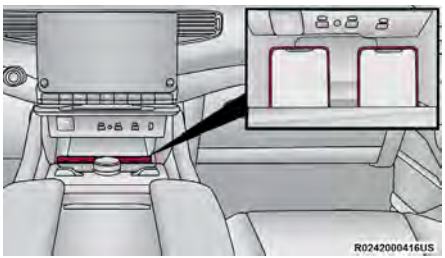


Lower Storage Release Handle

CAUTION!
Remove any items stored in the console cupholders or devices with cords routing through upper storage area. Damage may occur to upper console lid and device cables when upper storage compartment is lifted forward.

Phone Storage — If Equipped

Your vehicle may be equipped with two pockets, located at the front edge of the media bin, that can hold mobile phones.



Phone Holder Location

CENTER CONSOLE COOLER — IF EQUIPPED

Your vehicle may be equipped with a console cooler located in the front center console.

Center Console Cooler Button

Press the cooler button once to turn on the cooler. The LED will illuminate.

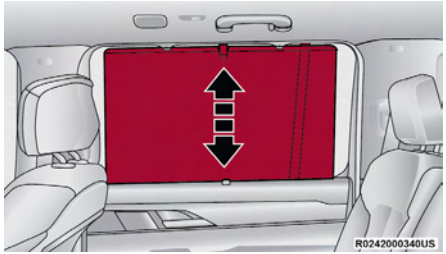
Press the button a second time to turn the cooler off. The LED will turn off.

SUN SCREENS — IF EQUIPPED

Sun screens are available for the second row seating windows. The screens store in the sill trim panels, and the tops of the windows are equipped with hooks that the sun screens attach to when pulled up.

Gently pull up on the tab to raise the sun screen. Continue pulling the sun screen until the tab is near the top of the window.

Once the screen is completely to the top of the window, extend the top bar of the sun screen over the two hooks attached to the top of the window.



Sun Screen Extended

To lower the sun screen, gently lift the tab upward to disengage the hooks, and feed the screen back into the base sill.

USB/AUX CONTROL

This feature allows an external USB device to be plugged into one of the USB ports, located in the center stack of the instrument panel.

Plugging in a smartphone device to a USB port will activate Android Auto™ or Apple CarPlay® features, if equipped. Android Auto™ and Apple CarPlay® can also be activated wirelessly. For further information, refer to “Android Auto™” or “Apple CarPlay®” in the Uconnect Radio Instruction Manual.

NOTE:

Two devices can be plugged in at the same time, and both ports will provide charging capabilities. Only one port can transfer data to the system at a time.

For example, if a device is plugged into the Type A USB port and another device is plugged into the Type C USB port, a message will appear and allow you to select which device to use.

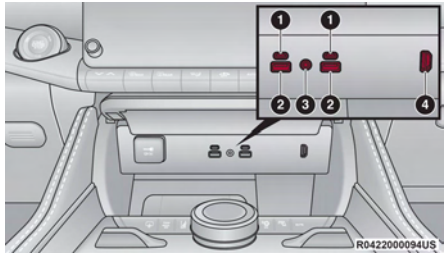
The following scenarios are listed as follows when a non-phone device is plugged into the smaller and larger USB ports, and when a phone device is plugged into the smaller and larger USB ports:

- "A new device is now connected. Previous connection was lost."
- "(Phone Name) now connected. Previous connection was lost."
- "Another device is in use through the same USB port. Please disconnect the first device to use the second device."

Plugging in a phone or another USB device may cause the connection to a previous device to be lost.

Connecting AUX Or The External USB Device

Use a connection cable to connect an external USB device to the vehicle's USB port, or use an auxiliary cable to connect a device to the vehicle's AUX port. These ports are located below the climate controls.

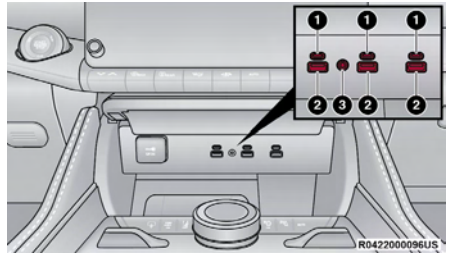


Front Media Hub USB/AUX Ports

1 — USB C Port
2 — USB A Port
3 — AUX Port
4 — HDMI Port (If Equipped)

To the right of the front media hub is an HDMI port used for the Passenger Display feature.

For vehicles not equipped with the Passenger Display feature, the front media hub configuration will appear different.

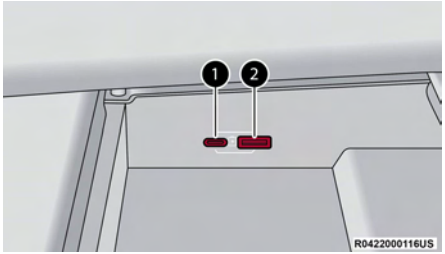


Front Media Hub USB/AUX Ports — Without Passenger Display

1 — USB C Port
2 — USB A Port
3 — AUX Port

Once a device is connected to the USB port, it will begin charging and is ready for use with the system. Type C and Type A charge-only USB ports can be used at the same time but cannot be used simultaneously while playing media. When both Type C and Type A charge-only USB ports are in use they will be charged at a reduced rate.

If equipped, your vehicle may have additional charge-only USB ports in the center compartment.



Center Compartment USB Charge-Only Ports

1 — USB C Port
2 — USB A Port

NOTE:

If the device's battery completely discharges, it may not communicate with the Uconnect system until a minimum charge is attained. Leaving the device connected to the USB port may charge it to the required level.

Using This Feature

By using a USB cable to connect an external device:

- The device can be played on the vehicle's sound system, and provides the artist, track title, and album information on the radio display.

  NOTE:

  Depending on track configuration, track information may not be present on the radio display.
- The device can be controlled using the radio buttons to play, and browse the contents of the device.
- The audio device battery charges when plugged into the USB port.

By using an auxiliary cable to connect an external device:

- The audio device can be played on the vehicle's sound system. The Uconnect system will not display information related to the artist, track title, and album information.

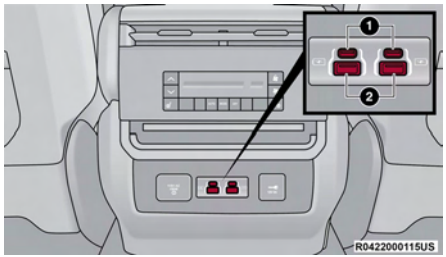
NOTE:

When using the AUX port, the external device cannot be controlled using the radio buttons. The device will not charge.

For further information, refer to the Uconnect Radio Instruction Manual.

Second And Third Row USB Ports — If Equipped

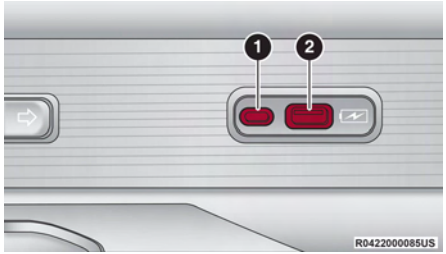
If equipped, the second row USB ports can be used to charge a device.



Rear Center Console USB Ports

1 — Type C Mini USB Ports (Charge Only)
2 — Type A Standard USB Ports (Charge Only)

If equipped, in the third rows, a set of two USB ports can be used to charge a device. These ports are charge only.



Third Row USB Ports

1 — Type C USB Port (Charge Only)
2 — Type A USB Port (Charge Only)

Third Row USB Ports

1 — Type A USB Port
2 — Type C USB Port

NOTE:

Charge unsupported devices with the charge only USB ports. If an unsupported device is plugged into a Media USB port, a message will display on the touchscreen that the device is not supported by the system.

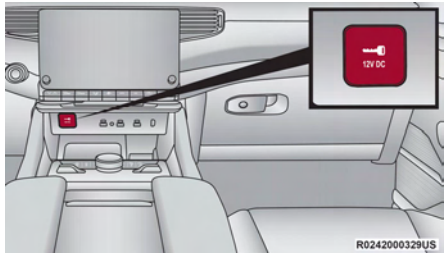
ELECTRICAL POWER OUTLETS

Your vehicle is equipped with 12 Volt (13 Amp) power outlets that can be used to power cellular phones, small electronics and other low powered electrical accessories. The power outlets are labeled with either a “key” or a “battery” symbol to indicate how the outlet is powered. Power outlets labeled with a key symbol are powered when the ignition switch is in the ON position, while the outlets labeled with a battery symbol are connected directly to the battery and powered at all times.

NOTE:

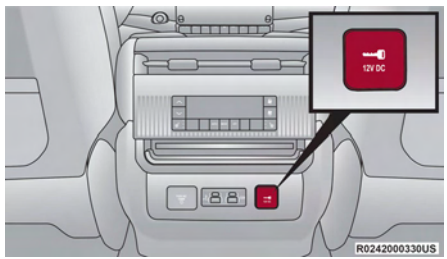
- All accessories connected to the battery powered outlets should be removed or turned off when the vehicle is not in use to protect the battery against discharge.
- Do not exceed the maximum power of 160 W (13 Amp) at 12 Volt. If the 160 W (13 Amp) power rating is exceeded the fuse protecting the system needs to be replaced.
- Power outlets are designed for accessory plugs only. Do not insert any other object in the power outlets as this will damage the outlet and blow the fuse. Improper use of the power outlet can cause damage not covered by your New Vehicle Limited Warranty.

The front power outlet is located inside the storage area on the center stack of the instrument panel, below the climate controls.



Front Power Outlet

In addition to the front power outlet, there is also a power outlet located on the rear of the front center console.



Front Center Console Power Outlet

The rear cargo power outlet is located in the right rear cargo area.

Rear Cargo Power Outlet

NOTE:

The rear cargo power outlet can be changed to battery powered at all times by switching the fuse in the rear power distribution center (PDC) from fuse location F44A to F44B.

WARNING!

To avoid serious injury or death:

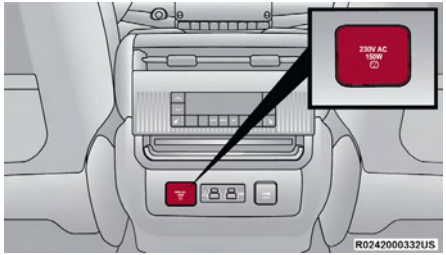
- Only devices designed for use in this type of outlet should be inserted into any 12 Volt outlet.
- Do not touch with wet hands.
- Close the lid when not in use and while driving the vehicle.
- If this outlet is mishandled, it may cause an electric shock and failure.

CAUTION!

- Many accessories that can be plugged in draw power from the vehicle's battery, even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.
- Accessories that draw higher power (i.e., coolers, vacuum cleaners, lights, etc.) will degrade the battery even more quickly. Only use these intermittently and with greater caution.
- After the use of high power draw accessories, or long periods of the vehicle not being started (with accessories still plugged in), the vehicle must be driven a sufficient length of time to allow the generator to recharge the vehicle's battery.

POWER INVERTER — IF EQUIPPED

There is a 230 Volt, 150 W inverter outlet located on the back of the center console to convert DC current to AC current. This outlet can power cellular phones, electronics and other low power devices requiring power up to 150 W. Certain video game consoles exceed this power limit, as will most power tools.



Power Inverter

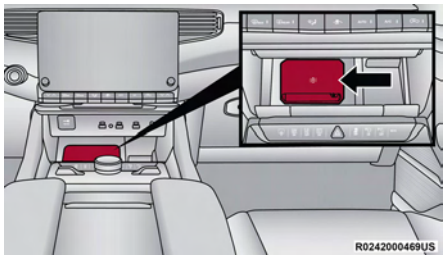
The power inverter is designed with built-in overload protection. If the power rating of 150 W is exceeded, the power inverter automatically shuts down. Once the electrical device has been removed from the outlet the inverter should automatically reset. To avoid overloading the circuit, check the power ratings on electrical devices prior to using the inverter.

WARNING!

To avoid serious injury or death:

- Do not insert any objects into the receptacles.
- Do not touch with wet hands.
- Close the lid when not in use.
- If this outlet is mishandled, it may cause an electric shock and failure.

WIRELESS CHARGING PAD — IF EQUIPPED



Wireless Charging Pad

Your vehicle may be equipped with a 15W 3A Qi® wireless charging pad located below the center stack, within the storage compartment. This charging pad is designed to wirelessly charge your Qi® enabled mobile phone. Qi® is a standard that allows wireless charging of your mobile phone.

Your mobile phone must be designed for Qi® wireless charging. If the phone is not equipped with Qi® wireless charging functionality, an aftermarket sleeve or a specialized back plate can be purchased from your mobile phone provider or a local electronics retailer. Please see your phone's Owner's Manual for further information.

The wireless charging pad is equipped with an anti-slip mat to hold your mobile phone in place, and an LED indicator light.

Place the device inside the prepared area delimited in the mat as shown in the image. Incorrect positioning will prevent the phone from charging.

LED Indicator Status:

- No Light: Charging pad is idle or searching for a device. Device may not be compatible with the Qi® standard.
- Blue Light: Device is detected and is charging.
- Red Light/Flashing: Internal error, or foreign object is detected.
- Green Light: Device has completed battery charging (if device is equipped to transmit this information).

Important Notes Regarding This Vehicle's Wireless Charging Pad:

- The presence of the Near-Field Communication (NFC) function active on a smartphone could signal malfunction anomalies.
- The ignition must be in the ON/RUN position in order for the phone to charge.
- To avoid interference with the key fob search, the wireless charging pad will stop charging when any door or liftgate is opened, even if the engine is running.
- Be sure to place the mobile device correctly (display facing upward, and phone not covering the LED) on the wireless charging pad.
- If the phone moves on the pad causing the red light to illuminate, the phone will have to be picked up and placed back on the charging pad to resume charging.
- Wireless charging is not as fast as when the phone is connected to a wired charger.
- The phone's protective case must be removed when placed on the wireless charging pad.
- iPhone® 12 (including iPod®) is equipped with software to protect the device from overheating. When the software is active, the rate of charge is slowed down to protect the device.
- Phones must always be placed on the wireless charging pad within the outline shown on the pad so that its charging parts connect with the charging coils of the system. Movement of the phone during charging may prevent or slow the rate of charge.
- Having multiple applications open on the phone while charging will reduce the charging efficiency, and may even shut down an application that is actively running (i.e. Apple CarPlay®). This may also cause the phone to overheat.
- Wireless chargers may implement certain methods to prevent the phone from overheating during charging such as slowing down the rate of charge. In certain instances, the device may shut down for a brief period of time (when the device reaches a certain temperature). If this happens, it does not mean there is a fault with the wireless charging pad. This may just be a protective measure to prevent damage to the phone.
- The use of multiple wireless functions at the same time (wireless charging, Apple CarPlay®, Android Auto™) could cause the device to overheat, resulting in limitation of the functions or it turning off. In this case, it is recommended to connect the system using the USB port.
- Do not place the key fob or any other type of metal/magnetized object inside the mobile phone housing or near the wireless charging pad.
- With a compatible device placed on the charging pad, and the ignition is cycled to the OFF position, a reminder message may appear on the instrument cluster display to warn the driver.

CAUTION!

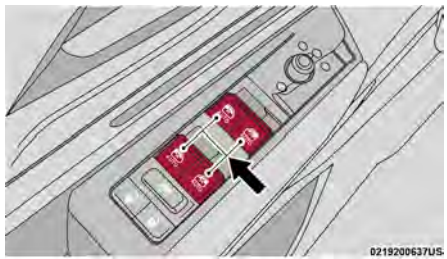
The key fob should not be placed on the charging pad or within 6 inches (15 cm) of it. Doing so can cause excessive heat buildup and damage to the fob. Placing the fob in close proximity of the charging pad blocks the fob from being detected by the vehicle and prevents the vehicle from starting.

WINDOWS

POWER WINDOW CONTROLS

The power window controls, located on the driver's door trim panel, operate the window movement for all four power windows.

There is a single switch on the front passenger door and rear passenger doors which operates the windows for only that door.



Driver's Door Power Window Switches

NOTE:

- The power window switches remain active for up to 10 minutes after the ignition has been placed in the OFF position. Opening a vehicle front door will cancel this feature.
- The window controls will operate only when the vehicle's ignition is placed in the ON/RUN position.

WARNING!

Never leave children unattended in a vehicle, and do not let children play with power windows. Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the Keyless Enter 'n Go™ Ignition in the ON/RUN position. Occupants, particularly unattended children, can become entrapped by the windows while operating the power window switches. Such entrapment may result in serious injury or death.

Automatic Window Features

Both the driver and front passenger windows, and if equipped, both rear windows, may have Auto-Down and Auto-Up operations.

Auto-Down Feature

For windows equipped with the AUTO feature, push the window switch down to the second detent, release, and the window will go down automatically.

To stop the window from going all the way down during the Auto-Down operation, pull up or push down on the switch briefly.

Auto-Up Feature With Anti-Pinch Protection

For windows equipped with the AUTO feature, lift the window switch up to the second detent, and release; the window will go up automatically.

To stop the window from going all the way up during the Auto-Up operation, push down on the switch briefly.

To close the window part way, lift the window switch briefly and release it when you want the window to stop.

If the window runs into any obstacle during auto-closure, it will reverse direction and then go back down. Remove the obstacle and use the window switch again to close the window.

NOTE:

Any impact due to rough road conditions may trigger the auto-reverse function unexpectedly during auto-closure. If this happens, pull the switch lightly and hold to close the window manually.

WARNING!

There is no anti-pinch protection when the window is almost closed. To avoid personal injury be sure to clear your arms, hands, fingers and all objects from the window path before closing.

Reset Auto-Up

Should the Auto-Up feature stop working, the window may need to be reset. To reset Auto-Up:

Front Doors

1. Pull the window switch up to close the window completely and continue to hold the switch up for an additional two seconds after the window is closed.

Rear Doors

1. Pull the window switch up to close the window completely and continue to hold the switch up for an additional two seconds after the window is closed.
2. Release the window switch, and within five seconds, pull the window switch up again for an additional two seconds.

Window Lockout Switch

The window lockout switch on the driver's door trim panel allows you to disable the window controls on the rear passenger doors. To disable the window controls, push and release the window lockout button (the indicator light on the button will turn on). To enable the window controls, push and release the window lockout button again (the indicator light on the button will turn off).

Power Window Lockout Switch

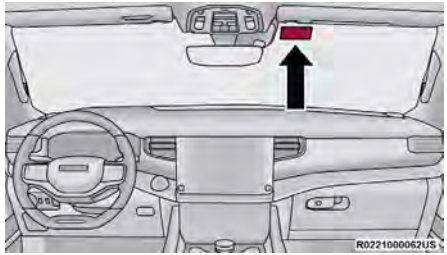
WIND BUFFETING

Wind buffeting can be described as the perception of pressure on the ears or a helicopter-type sound in the ears. Your vehicle may exhibit wind buffeting with the windows down, or the sunroof (if equipped) in certain open or partially open positions. This is a normal occurrence and can be minimized. If the buffeting occurs with the rear windows open, open the front and rear windows together to minimize the buffeting. If the buffeting occurs with the sunroof open, adjust the sunroof opening to minimize the buffeting or open any window.

RADIO SIGNAL DEVICES ON WINDSHIELD — IF EQUIPPED

Your vehicle may be equipped with premium tint infrared reflective glass (IRR). In the necessity of mounting devices such as transponders, garage door openers, radar detectors, or any other device that sends out a radio signal, please refer to the allocated area on the windshield. There is a small box located near the passenger side of the mirror cover. The location is identifiable by a slight discoloration in the glass due to the removal of the IRR coating.

Metalized windshield coatings available on the Grand Wagoneer can potentially disrupt radio frequency identification (RFID) transmission/reception depending on signal location or additional interference, regardless of the provided deletion zone. In the event that any RFID or signal interruption between a vehicle mounted device (e.g. toll transponder) does not function properly, you may need to consult with your toll transponder company and may have to use an alternate device such as a license plate attached toll transponder.



Radio Signal Device Mounting Location

POWER SUNROOF — IF EQUIPPED

TRI-PANE POWER SUNROOF

The power sunroof switches are located on the overhead console between the courtesy/reading lights.

Power Sunroof Switches

1 — Opening/Closing Sunroof
2 — Venting Sunroof
3 — Opening/Closing Sunshade

WARNING!

- Never leave children unattended in a vehicle, or with access to an unlocked vehicle. Never leave the key fob in or near the vehicle, or in a location accessible to children. Do not leave the Keyless Enter ‘n Go™ Ignition in the ON/RUN position. Occupants, particularly unattended children, can become entrapped by the power sunroof while operating the power sunroof switch. Such entrapment may result in serious injury or death.
- In a collision, there is a greater risk of being thrown from a vehicle with an open sunroof. You could also be seriously injured or killed. Always fasten your seat belt properly and make sure all passengers are also properly secured.

(Continued)

WARNING!

- Do not allow small children to operate the sunroof. Never allow your fingers, other body parts, or any object, to project through the sunroof opening. Injury may result.

Opening And Closing The Sunroof

The sunroof has two programmed automatic stops for the sunroof open position: a comfort stop position and a full open position. The comfort stop position will minimize wind buffeting in the interior.

Express Open/Close

To open the sunroof, push OPEN on the sunroof switch and release it within one-half second. The sunroof will open to the comfort stop position and stop automatically. Push and release OPEN again to continue to the full open position.

To close the sunroof, push CLOSE on the sunroof switch and release it within one-half second. The sunroof will close automatically from any position.

During Express Open or Express Close operation, any other actuation of the sunroof switch will stop the sunroof.

Manual Open/Close

To open the sunroof, push and hold OPEN on the sunroof switch. The sunroof will open to the comfort stop position, then automatically stop. Release the switch then push and hold again to continue to the full open position.

To close the sunroof, push and hold CLOSE on the sunroof switch.

Any release of the switch during open or close operation will stop the sunroof movement in a partially open position.

Express Venting The Sunroof

To vent the sunroof, push TILT on the vent switch and release within one half second. The sunroof will open to the vent position regardless of its initial position. During Express Vent operation, any other actuation of the switch will stop the sunroof.

NOTE:

If the sunshade is in the closed position when Express/Manual Open or Vent operation is initiated, the sunshade will automatically open to the half open position prior to the sunroof opening.

Opening And Closing The Power Sunshade

The sunshade has two programmed open positions: half open and full open positions. When operating the sunshade from the closed position, the sunshade will always stop at the half open position regardless of express or manual open operation. The switch must be pushed again to continue on to full open position.

If the sunroof is open or vented, the sunshade cannot be closed beyond the half open position. Pushing the sunshade close switch when the sunroof is open/vented and the sunshade is at half open position will first automatically close the sunroof prior to the sunshade closing.

Express Open/Close

To open the sunshade, push OPEN on the sunshade switch and release it within one-half second, the sunshade will open to the half open position and stop automatically. Push and release OPEN again to continue to open the sunshade to the full open position.

To close the sunshade, push CLOSE on the sunshade switch and release it within one-half second.

During Express Open or Express Close operation, any other actuation of the sunroof switches will stop the sunshade in a partially open position.

Manual Open/Close

To open the sunshade, push and hold OPEN on the sunshade switch, the sunshade will open to the half open position and stop automatically. Push and hold OPEN again to continue to open the sunshade to the full open position.

To close the sunshade, push and hold CLOSE on the sunshade switch.

Releasing the switch while the sunshade is in motion will stop the sunshade in a partially open position.

Pinch Protect Feature

This feature will detect an obstruction in the opening of the sunroof during Express Close operation. If an obstruction in the path of the sunroof is detected, the sunroof will automatically retract. Remove the obstruction if this occurs.

NOTE:

If three consecutive sunroof close attempts result in Pinch Protect reversals, Pinch Protect will disable and the sunroof must be closed in Manual Mode.

Ignition Off Operation — If Equipped

The power sunroof switch will remain active for up to approximately 10 minutes after the ignition switch is placed in the OFF position. Opening either front door will cancel this feature.

NOTE:

If equipped with this setting, the Ignition Off timing is programmable through the Uconnect system ⇨ page 170.

Third Row Sunroof

The sunroof over the third row seating has a single fixed glass pane with a manual sunshade. To open the sunshade, pull the handle toward the front of the vehicle. To close the sunshade, pull the handle toward the rear of the vehicle.

Sunroof Maintenance

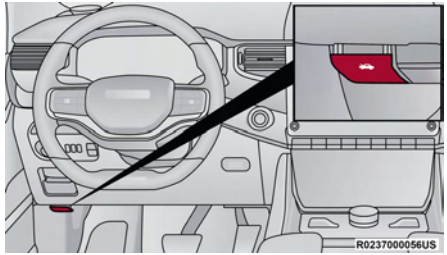
Use only a non-abrasive cleaner and a soft cloth to clean the glass panel. Periodically check for and clear out any debris that may have collected in the tracks.

HOOD

OPENING THE HOOD

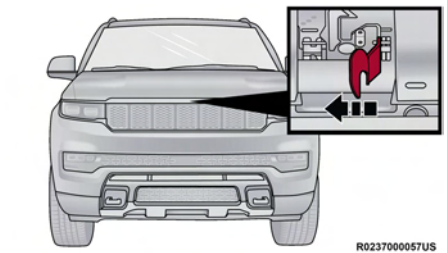
To open the hood, two latches must be released.

1. Pull the release lever located underneath the driver's side of the instrument panel.



Hood Release

2. Reach under the hood from outside the vehicle, move the safety latch to the left and lift the hood.



Safety Latch Location

NOTE:

- Vehicle must be at a stop and the gear selector must be in PARK.
- While lifting the hood, use both hands.
- Before lifting the hood, check that the wiper arms are not in motion and not in the lifted position.
- You may have to push down slightly on the hood before pushing the safety latch.

CLOSING THE HOOD

In one continuous motion, pull down on the front edge of the hood with moderate force until the angle is below the crossover point (where the gas props are no longer resisting) and let the hood continue to fall closed from its own inertia.

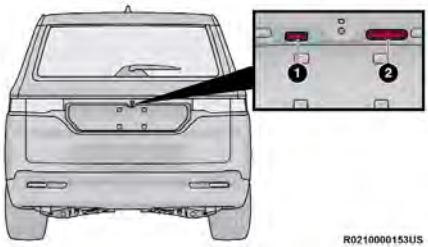
WARNING!
Be sure the hood is fully latched before driving your vehicle. If the hood is not fully latched, it could open when the vehicle is in motion and block your vision. Failure to follow this warning could result in serious injury or death.

LIFTGATE

TO UNLOCK/OPEN THE LIFTGATE

The power liftgate may be opened by pushing the liftgate button on the key fob, pushing the liftgate button in the cargo area, or by pushing the electronic liftgate release handle ⇨ page 26.

Push the liftgate button on the key fob twice within five seconds to open the power liftgate. Once the liftgate is open, pushing the button twice within five seconds a second time will close the liftgate.



Liftgate Entry

1 — Passive Entry Lock Button
2 — Electronic Liftgate Release Handle

NOTE:

If all doors are programmed to unlock on first press within Uconnect Settings ⇨ page 170, all doors will unlock when you push the electronic liftgate release. If only the driver's door is programmed, only the liftgate will unlock when you push the electronic liftgate release.

NOTE:

- Use the power door lock switch on either front door trim panel or the key fob to lock and unlock the liftgate.
- The driver's door lock cylinder will not lock and unlock the liftgate.
- The vehicle must be in PARK to utilize the liftgate open/close button.

WARNING!

Driving with the liftgate open can allow poisonous exhaust gases into your vehicle. You and your passengers could be injured by these fumes. Keep the liftgate closed when you are operating the vehicle.

NOTE:

The liftgate can also be opened manually by pushing the electronic liftgate release handle and pulling upward in one fluid motion.

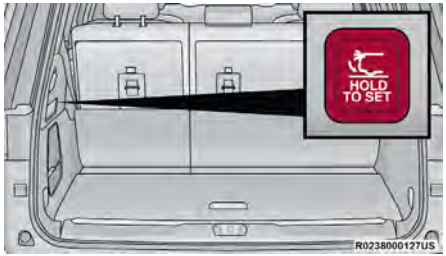
TO LOCK/CLOSE THE LIFTGATE

There are several different ways to close the liftgate:

- Manually (grab the liftgate closing handle and pull downward)
- Key fob
- Hands-free (if equipped)
- Liftgate close button in the cargo area

With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, pushing the Passive Entry button, located to the left of the electronic liftgate release handle, will lock the vehicle only.

If the liftgate is fully open, the liftgate can be closed by pushing the liftgate close button located in the cargo area on the left rear trim panel, near the liftgate opening. If the liftgate is in motion, pushing the liftgate close button a second time will reverse the liftgate operation.



Liftgate Close Button

ADJUSTABLE POWER LIFTGATE HEIGHT

The maximum height that the liftgate will open can be adjusted and saved so that the liftgate will only open to the desired height. To set a desired height, proceed as follows:

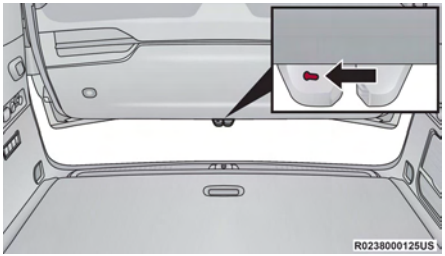
1. Open the liftgate fully, then manually pull down on the liftgate to the desired height.
2. Push and hold the liftgate close button, located on the left side trim panel inside the cargo area, for three seconds. An audible chime will be heard to let you know the height has been saved.

To reset the saved height setting to a new setting, proceed as follows:

1. Open the liftgate, then manually push the liftgate upward to its full open position.
2. Manually pull the liftgate down to the new desired height and hold the liftgate close button for three seconds until the audible chime is heard.

Power Liftgate Malfunction Procedure:

1. In the event of a power malfunction to the liftgate, the liftgate can be released by accessing the service release feature in the latch. This can be done using a 3 mm diameter screwdriver.



Liftgate Service Release

2. From inside the gate, an eyelet can be seen. Place the screwdriver in the eyelet.
3. Rotate the screwdriver handle to actuate the lever and release the latch.
4. If liftgate is left open for an extended period of time, the liftgate may need to be closed manually to reset power liftgate functionality.

HANDS-FREE LIFTGATE — IF EQUIPPED

Hands-Free Liftgate Activation Zone

To open or close the liftgate using hands-free activation, use a straight in and out kicking motion under the vehicle activation zone in the general location between the park sensors. The activation zone is about 1 ft (0.3 m) on each side from the centerline of the vehicle. A sweeping motion under the activation zone can also be used for hands-free activation to open or close the liftgate.

NOTE:

The activation zone is the same for vehicles equipped with or without a trailer tow package.

Valid Kicking Motion

When a valid kicking motion is completed, the liftgate will chime, the hazard lights will flash and the liftgate will open after approximately one second, or close after approximately three seconds. These settings can be enabled or disabled through Uconnect Settings ⇨ page 170.

NOTE:

- Opening or closing the Hands-Free Liftgate requires a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate handle. If a valid Passive Entry key fob is not within 5 ft (1.5 m), the liftgate will not respond to any kicks, and will perform inhibit chimes to inform the user about the missing key fob.
- The distance from the rear fascia/bumper to the foot shall be no more than 8 inches (20 cm) to be recognized as a valid kick.
- The Hands-Free Liftgate feature may be turned on or off through the Uconnect system ⇨ page 170.
- The Hands-Free Liftgate feature should be turned off during jacking, tire changing, manual car wash, and vehicle service.

- The Hands-Free Liftgate feature can be activated by any metallic object making a similar in-and-out motion under the rear fascia/bumper, such as cleaning using a metal broom.
- The Hands-Free Liftgate will only operate when the transmission is in PARK.
- If anything obstructs the Hands-Free Liftgate while it is opening or closing, the liftgate will automatically reverse to the closed/open position, provided it meets sufficient resistance.
- The Hands-Free Liftgate will not open with the key fob in the cupholder or anywhere inside the vehicle.
- There are pinch sensors attached to the side of the liftgate opening. Light pressure anywhere along these strips will cause the liftgate to return to the open position.
- If the power liftgate encounters multiple obstructions within the same cycle, the system will automatically stop. If this occurs, the liftgate must be operated manually.
- The power liftgate will release, but not power open, in temperatures below −12°F (−24°C). Be sure to remove any buildup of snow or ice from the liftgate before opening the liftgate.
- If the liftgate is left open for an extended period of time (approximately one hour), the liftgate may need to be closed manually to reset power liftgate functionality.

WARNING!

- Driving with the liftgate open can allow poisonous exhaust gases into your vehicle. You and your passengers could be injured by these fumes. Keep the liftgate closed when you are operating the vehicle.

(Continued)

WARNING!

- If you are required to drive with the liftgate open, make sure that all windows are closed, and the climate control blower switch is set at high speed. Do not use the recirculation mode.

NOTE:

Allow the power system to open the liftgate. Manually pushing or pulling the liftgate may activate the liftgate obstacle detection feature and stop the power operation or reverse its direction.

WARNING!

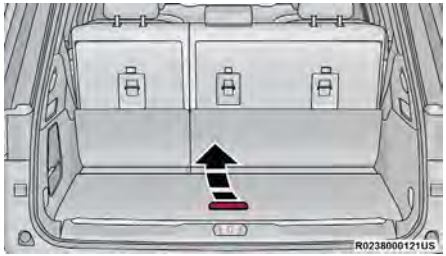
During power operation, personal injury or cargo damage may occur. Ensure the liftgate travel path is clear. Make sure the liftgate is closed and latched before driving away.

CARGO AREA FEATURES

Cargo Storage

The load floor is designed for a maximum load of 300 lb (136 kg), and should be uniformly distributed over the load floor.

Additional storage can be found under the storage lid. To access the lower storage, lift the handle and raise the storage lid.



Lift Load Floor Handle

Cargo Tie-Down Hooks

The cargo tie-downs, located on the cargo area sides, should be used to safely secure loads when the vehicle is moving. The cargo tie downs are designed for a maximum load of 300 lb (136 kg) per tie-down.

Tie-Down Hooks

WARNING!

- Cargo tie-downs are not safe anchors for a child seat tether strap. In a sudden stop or accident, a tie-down could pull loose and allow the child seat to come loose. A child could be badly injured. Use only the anchors provided for child seat tethers.
- To help protect against personal injury, passengers should not be seated in the rear cargo area. The rear cargo space is intended for load carrying purposes only, not for passengers, who should sit in seats and use seat belts.

The weight and position of cargo and passengers can change the vehicle center of gravity and vehicle handling. To avoid loss of control resulting in personal injury, follow these guidelines for loading your vehicle:

- Do not carry loads that exceed the load limits described on the label attached to the left door or left door center pillar.
- Always place cargo evenly on the cargo floor. Put heavier objects as low and as far forward as possible.
- Place as much cargo as possible in front of the rear axle. Too much weight or improperly placed weight over or behind the rear axle can cause the vehicle to sway.
- Do not pile luggage or cargo higher than the top of the seatback. This could impair visibility or become a dangerous projectile in a sudden stop or accident.

Cargo Net — If Equipped

The rear cargo area may be equipped with a cargo net to keep items secure while driving.

To attach the cargo net, the clips must be hooked through the loops on both sides of the cargo area.

ROOF LUGGAGE RACK — IF EQUIPPED

The crossbars and side rails are designed to carry weight on vehicles equipped with a luggage rack. **The load must not exceed 150 lb (68 kg), and should be uniformly distributed over the luggage rack crossbars.**

The crossbars on your vehicle are delivered stowed in the rear cargo bin. Crossbars should always be used whenever cargo is placed on the roof rack. Check the straps frequently to be sure that the load remains securely attached.

The roof rack does not increase the total load carrying capacity of the vehicle. Be sure the total load of cargo inside the vehicle plus that on the external rack does not exceed the maximum vehicle load capacity.

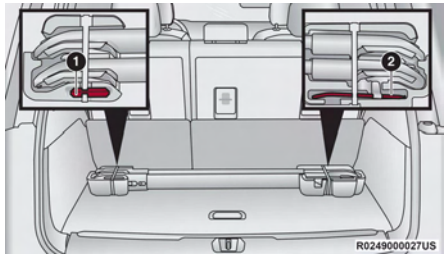
INSTALLING THE CROSSBARS

WARNING!

In a collision, loose crossbars in the vehicle could cause injury. They could fly around in a sudden stop and strike someone in the vehicle. Do not store the crossbars on the cargo floor or in the passenger compartment. Remove the crossbars from the vehicle when taken from their mounting. Do not store them in the vehicle.

There are two crossbars equipped with your vehicle. They are located in the rear cargo bin, stored in foam blocks.

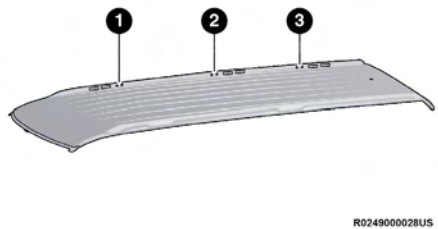
There is also a packet of fastener screws and a Torx wrench provided in the foam blocks. You can find the packet of fastener screws in the left foam block and the Torx wrench in the right foam block.



Stowed Crossbars

1 — Fastener Screws
2 — Torx Wrench

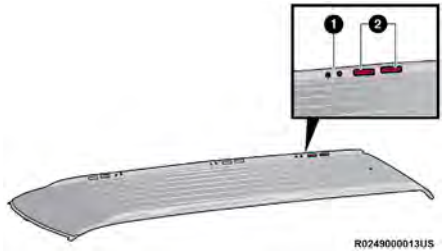
There are three positions that the crossbars can be installed in. There are also tie-down loops next to each crossbar location on both sides of the roof.



Crossbar Locations

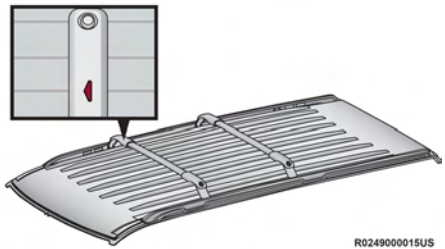
1 — Position 1
2 — Position 2
3 — Position 3

NOTE:
The crossbars should only be used in positions 1 and 2 or positions 1 and 3. They are not designed to be used in positions 2 and 3.



Crossbar and Tie Down Loop Locations

1 — Crossbar Installation Location
2 — Tie-Down Loop Locations

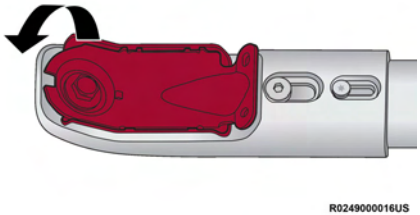


Crossbar Directional Arrow

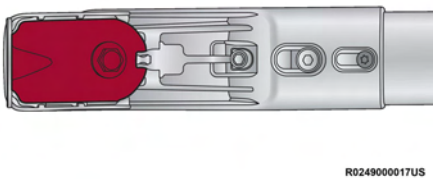
NOTE:
There are arrows on top of the crossbars that indicate the direction that they should be installed. The arrows should point forward toward the front of the vehicle.

To install the crossbars, refer to the following procedure:

1. Remove the crossbars from the foam blocks.
2. Swivel the outboard stanchion on the crossbar and rotate it 180 degrees around the bolt to the open position. Open the outboard stanchion on the opposite end of the crossbar as well.

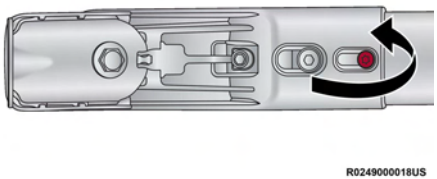


Step 2



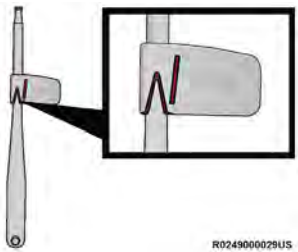
Open Outboard Stanchion (Underside Shown)

3. Using the provided Torx wrench, loosen the Torx bolts on both ends of the crossbar.



Step 3

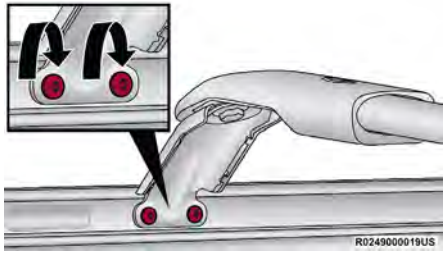
4. Using the provided wrench and fasteners, bolt the fasteners to the side rail.



Torque Wrench Indicator

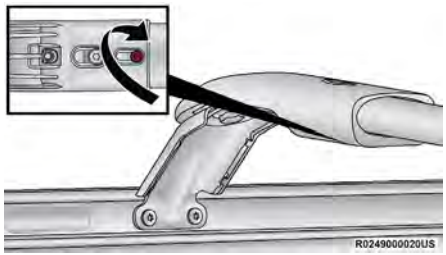
NOTE:

An indicator on the wrench will show when the fastener is tightened to the indicated torque specification. The slanted line will line up with the arrow when torquing.



Step 4

5. Tighten down the Torx head bolts on the inboard stanchion.

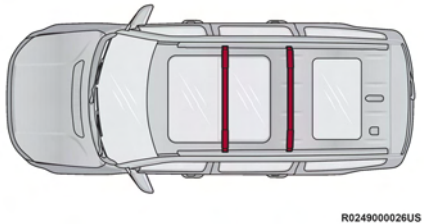


Step 5

NOTE:

It is important that the screws are left loose until both sides of the crossbar are secured to the rail.

6. Repeat steps 2-5 for the second crossbar in the desired position.



Installed Crossbars

WARNING!
Cargo must be securely tied down before driving your vehicle. Anything improperly secured to the roof rack, crossbars, or the roof itself can fly off the vehicle, particularly at high speeds, resulting in collisions, personal injury or property damage. Follow the roof rack cautions when carrying anything on your roof or roof rack.

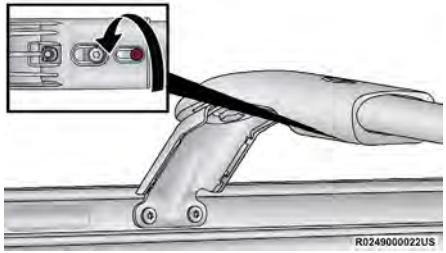
CAUTION!

- To prevent damage to the roof of your vehicle, DO NOT carry any loads on the roof rack without the crossbars installed. The load should be secured and placed on top of the crossbars, not directly on the roof. If it is necessary to place the load on the roof, place a blanket or other protective layer between the load and the roof surface.
- To avoid damage to the roof rack and vehicle, do not exceed the maximum roof rack load capacity of 150 lb (68 kg). Always distribute heavy loads as evenly as possible and appropriately secure the load and any protective layer placed between the load and the roof surface.
- Load should always be secured to crossbars first, with tie down loops used as additional securing points if needed. Tie loops are intended as supplementary tie down points only. Do not use ratcheting mechanisms with the tie loops. Check the straps and thumb wheels frequently to be sure that the load remains securely attached.
- Long loads that extend over the windshield, such as wood panels or surfboards, or loads with large frontal area should be secured to both the front and rear of the vehicle.
- Travel at reduced speeds and turn corners carefully when carrying large or heavy loads on the roof rack. Wind forces, due to natural causes or nearby truck traffic, can add sudden upward lift to a load. This is especially true on large flat loads and may result in damage to the cargo or your vehicle.

REMOVING THE CROSSBARS

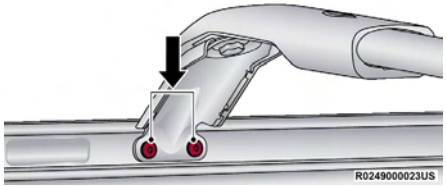
To remove the crossbars, refer to the following procedure:

1. Using the provided Torx wrench, loosen the Torx head bolts on the stanchion. Do this on both ends of the crossbar.



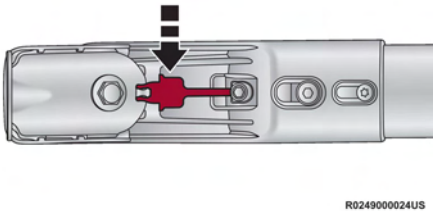
Step 1

2. Using the provided wrench, remove the bolts that secure the crossbar to the roof rail. Repeat this on the other end of the crossbar.

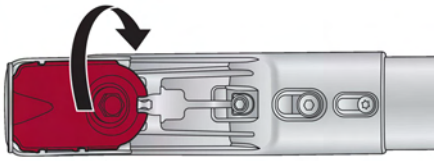


Bolt Location

3. Depress the swing key, and swivel the outboard stanchion 180 degrees back to the stowed position.



Depress The Swing Key



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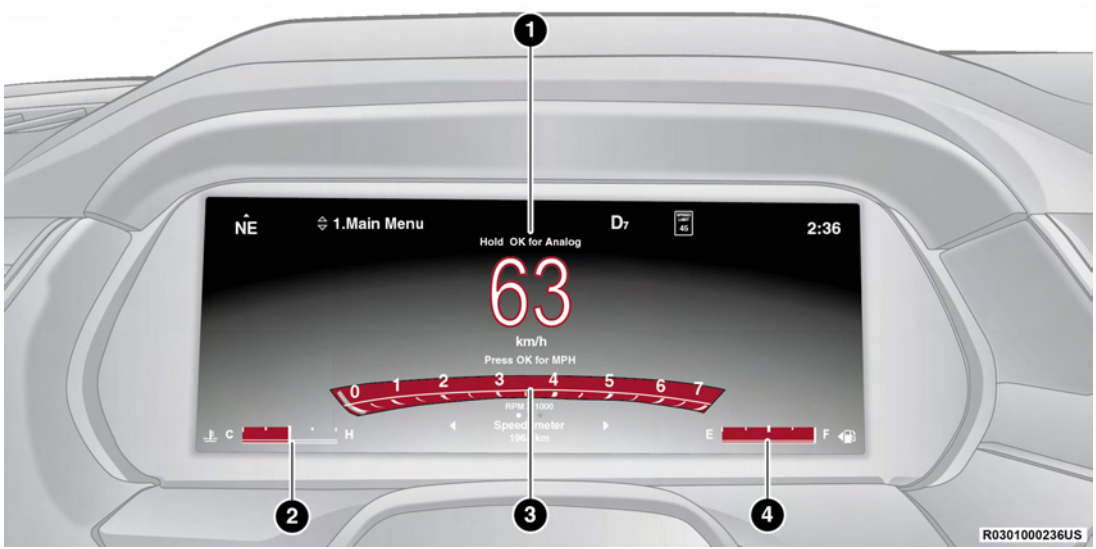
Step 3

4. Repeat steps 1-3 for the second crossbar.
5. Place the crossbars back into the foam blocks in the rear cargo storage bin.

WARNING!
In a collision, loose crossbars in the vehicle could cause injury. They could fly around in a sudden stop and strike someone in the vehicle. Do not store the crossbars on the cargo floor or in the passenger compartment. Remove the crossbars from the vehicle when taken from their mounting. Do not store them in the vehicle.

GETTING TO KNOW YOUR INSTRUMENT PANEL

BASE INSTRUMENT CLUSTER



Holding the **OK** button on the Instrument Cluster Display controls located on the steering wheel will allow you to change your display from Digital to Analog.

INSTRUMENT CLUSTER DESCRIPTIONS

1. Speedometer
   - Indicates vehicle speed.

   NOTE:
   A chime will sound when the vehicle speed is above 120 km/h.

2. Temperature Gauge
   - The temperature gauge shows engine coolant temperature. Any reading within the normal range indicates that the engine cooling system is operating satisfactorily.
   - The pointer will likely indicate a higher temperature when driving in hot weather, up mountain grades, or when towing a trailer. It should not be allowed to exceed the upper limits of the normal operating range.

WARNING!

A hot engine cooling system is dangerous. You or others could be badly burned by steam or boiling coolant. It is recommended to call an authorized dealer for service if your vehicle overheats.

CAUTION!

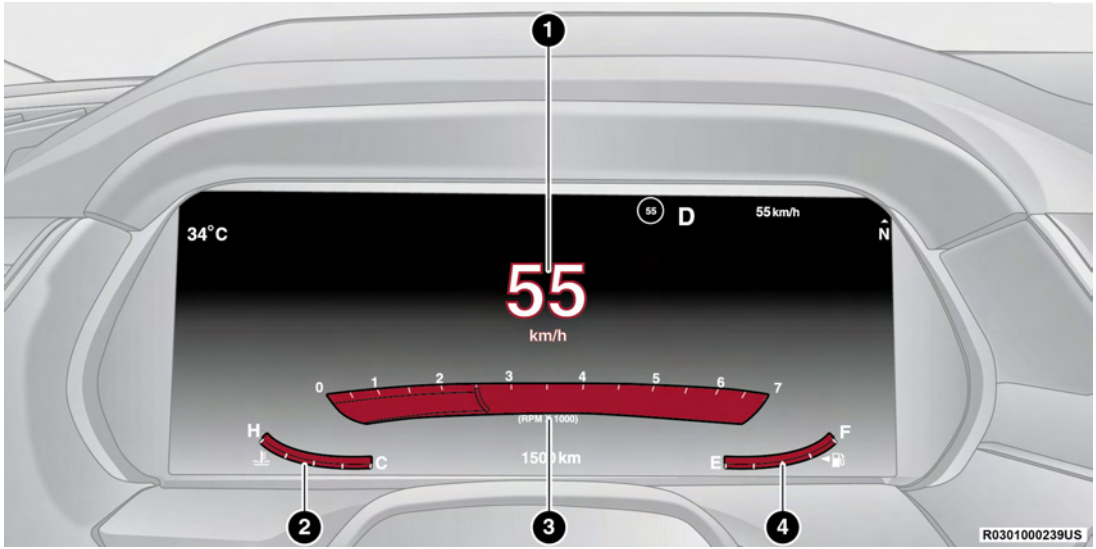
Driving with a hot engine cooling system could damage your vehicle. If the temperature gauge reads “H” pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on the “H”, turn the engine off immediately and call an authorized dealer for service.

3. Tachometer
   - Indicates the engine speed in revolutions per minute (RPM x 1000).

4. Fuel Gauge
   - The pointer shows the level of fuel in the fuel tank when the Keyless Push Button Ignition is in the ON/RUN position.
   - The fuel pump symbol points to the side of the vehicle where the fuel door is located.

NOTE:
The Instrument Cluster Warning Indicators will illuminate briefly for a bulb check when the ignition is first cycled.

PREMIUM INSTRUMENT CLUSTER



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(Continued)

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INSTRUMENT CLUSTER DISPLAY

Depending on your vehicles trim level, features and options may vary.

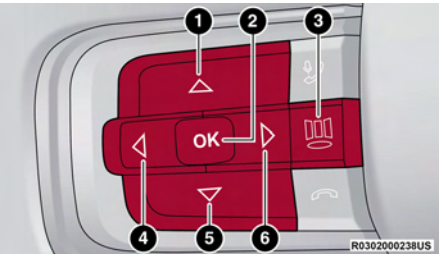
Your vehicle is equipped with an instrument cluster display, which offers useful information to the driver. With the ignition in the OFF mode, opening/closing of a door will activate the display for viewing, and display the total miles, or kilometers, in the odometer. Your instrument cluster display is designed to display important information about your vehicle's systems and features. Using a driver interactive display located on the instrument panel, your instrument cluster display can show how systems are working and give you warnings when they are not. The steering wheel mounted controls allow you to scroll through the main menus and submenus. You can access the specific information you want and make selections and adjustments.

LOCATION AND CONTROLS

Instrument Cluster Display/Controls Location

1 – Instrument Cluster Display Screen
2 – Instrument Cluster Display Controls

The system allows the driver to select information by pushing the following buttons mounted on the steering wheel:



Instrument Cluster Display Control Buttons

1 — Up Arrow Button
2 — OK Button
3 — Menu Button
4 — Left Arrow Button
5 — Down Arrow Button
6 — Right Arrow Button

1. **Up** Arrow Button

   Push and release the **up** △ arrow button to scroll upward through the main menu.

2. **OK** Button

   Push the **OK** button to access/select the information screens or submenu screens of a main menu item. Push and hold the **OK** button for one second to reset displayed/selected features that can be reset.

3. **MENU** Button

   Push the **MENU** button to access/select the information screens or submenu screens of the Home Screen display. Push and hold the **OK** button to enter edit mode.

4. **Left** Arrow Button

   Push the **left** ◁ arrow button to return to the main menu from an info screen or submenu item.

5. **Down** Arrow Button

   Push and release the **down** ▽ arrow button to scroll downward through the main menu.

6. **Right** Arrow Button

   Push and release the **right** ▷ arrow button to access the information screens or submenu screens of a main menu item.

Display Options

Holding **OK** will also allow you to change your display to Digital or Analog.

- Digital theme will be the default theme
- Menu screen times out after 10 seconds. Press **OK** to reactivate
- Speedometer must always be present
- Relevant warning notifications and other pop-up info will still be displayed in the main screen area (In this case the speed moves to the top)

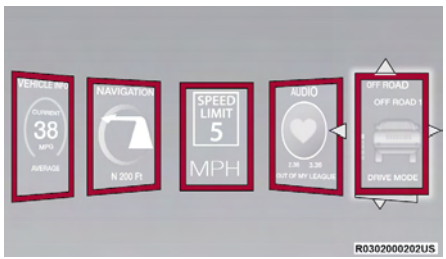
Custom Tile Configuration

To customize the instrument cluster further, you are able to select up to five tiles to display information based on your needs.

- Press the **MENU** button for the Home Screen display

Menu Button

- Navigate **Left** or **Right** to highlight desired tile
- Press **OK** to select the tile and navigate to the selected submenu and press **OK** again to add your selection to your tile view
- The main menu options of the home screen are; Driver Info, Vehicle Info, Navigation (if equipped), Audio, and Off Road



Customizable Tile Layout

3

You can customize your Instrument Cluster Display with up to five tiles that may consist of the following:

NOTE:
These options may vary based on your vehicle trim level.

- **Navigation**
  - Map (Route Set / Route Not Set)
  - Trip A / Trip B
- **Vehicle Info**
  - Coolant Temp
  - Trans Temp
  - Oil Temp
  - Oil Pressure
  - Battery Voltage
  - Oil Life
  - Tire Pressure
  - Fuel Economy
- **Driver Info – If Equipped**
  - Posted Speed Limit Sign
  - Driver Assist
- **Audio**
  - Audio Info
- **Off Road – If Equipped**
  - Selec-Terrain / Air Suspension Status
  - Steering Angle
  - Pitch
  - Roll
  - **Trailer Tow – If Equipped**
  - Trailer Trip
  - Trailer Brake
  - Trailer Tire Pressure

ENGINE OIL LIFE RESET

Oil Level

The 3.0L engine does not have a traditional “dipstick” and there is no need to manually check the oil level ⇨ page 275.

Oil Change Required

Your vehicle is equipped with an engine oil change indicator system. The “Oil Change Required” message will display in the instrument cluster display for five seconds after a single chime has sounded, to indicate the next scheduled oil change interval. The engine oil change indicator system is duty cycle based, which means the engine oil change interval may fluctuate, dependent upon your personal driving style and environmental conditions.

Unless reset, this message will continue to display each time the ignition is placed in the ON/RUN position. To turn off the message temporarily, push and release the **OK** or arrow buttons. To reset the oil change indicator system (after performing the scheduled maintenance), refer to the following procedure.

Vehicles Equipped With Keyless Enter ‘n Go™ Ignition

Use the steering wheel instrument cluster display controls for the following procedure(s):

1. Without pressing the brake pedal, push the ENGINE START/STOP button and place the ignition in the ON/RUN position (do not start the engine).
2. Push and release the **down** ▽ arrow button to scroll downward through the main menu to “Vehicle Info”.
3. Push and release the **right** ▷ arrow button to access the “Oil Life” screen.
4. Push and hold the **OK** button to reset oil life. If conditions are met, the gauge and numeric display will update to show 100%. If conditions are not met a pop-up message of “To reset oil life engine must be off with ignition in run” will be displayed (for five seconds), and the user will remain at the Oil Life screen.
5. Push and release the **up** △ or **down** ▽ arrow button to exit the submenu screen.

NOTE:
If the indicator message illuminates when you start the vehicle, the oil change indicator system did not reset. If necessary, repeat this procedure.

Secondary Method Of Resetting Engine Oil Life

1. Without pressing the brake pedal, push the ENGINE START/STOP button and place the ignition to the ON/RUN position (do not start the engine).
2. Fully press the accelerator pedal, slowly, three times within 10 seconds.
3. Without pushing the brake pedal, push the ENGINE START/STOP button once to return the ignition to the OFF position.

NOTE:
If the indicator message illuminates when you start the vehicle, the oil change indicator system did not reset. If necessary, repeat this procedure.

DISPLAY AND MESSAGES

The instrument cluster display is located in the center portion of the cluster and consist of multiple sections:

- Main Screen — The inner ring of the display will illuminate in black under normal conditions, yellow for noncritical warnings and red for critical warnings

- Submenu Dots — Whenever there are submenus available, the position within the submenus is shown here
- Reconfigurable Telltales/Information
- Gear Selector Status (PRND)
- Driver Interactive Display (Compass, Temp, Range to Empty, Trip A, Trip B, Average Fuel Economy, Current Fuel Economy and Time)
- Air Suspension Status — If Equipped
- Four-Wheel Drive (4WD) Status — If Equipped

The instrument cluster display will normally display the main menu or the screens of a selected feature of the main menu. The main display area also displays pop-up messages and warning or information messages.

These pop-up messages fall into several categories:

- **Five Second Stored Messages**

  When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. Most of the messages of this type are then stored (as long as the condition that activated it remains active) and can be reviewed from the “Messages” main menu item. Examples of this message type are “Right Front Turn Signal Lamp Out” and “Low Tire Pressure”.

- **Unstored Messages**

  This message type is displayed indefinitely or until the condition that activated the message is cleared. Examples of this message type are “Turn Signal On” (if a turn signal is left on) and “Lights On” (if driver leaves the vehicle with the lights on).

- **Unstored Messages Until RUN**

  These messages deal primarily with the Remote Start feature. This message type is displayed until the ignition is in the RUN state.

- **Five Second Unstored Messages**

  When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. An example of this message type is “Automatic High Beams On”.

Messages include the following, but not limited to:

NOTE:
Certain messages may require dealer service.

Front Seat Belts Unbuckled	Oil Change Due	ACC Override
Driver Seat Belt Unbuckled	Fuel Low	Cruise Set To XXX mph or km/h
Passenger Seat Belt Unbuckled	Service Anti-lock Brake System	Service Shifter
Traction Control Off	Service Electronic Throttle Control	Tire Pressure Screen With Low Tire(s)
Washer Fluid Low	Service Power Steering	Service Tire Pressure System
Oil Pressure Low	Cruise Off	Park Brake Engaged
Oil Level Low – If Equipped	Cruise Ready	Brake Fluid Low
Engine Temperature Hot	Lights On	Right Front Turn Signal Light Out
Right Rear Turn Signal Light Out	Left Front Turn Signal Light Out	Left Rear Turn Signal Light Out
Ignition or Accessory On	Vehicle Not In Park	Remote Start Active Push Start Button
Remote Start Canceled Fuel Low	Remote Start Canceled Hood Open	Remote Start Canceled Liftgate Open
Remote Start Canceled Door Open	Remote Start Canceled Time Expired	Remote Start Disabled Start To Reset
Service Air Bag System	Service Air Bag Warning Light	Door Open

Doors Open	Hood Open	Vehicle Speed Too High To Shift to D
Liftgate Open	Shift Not Allowed	Vehicle Speed is Too High to Shift to R
Vehicle Speed is Too High to Shift to P	Service Transmission	

INSTRUMENT CLUSTER DISPLAY MENU ITEMS

The instrument cluster display can be used to view the main menu items for several features. Use the **up** △ and **down** ▽ arrow buttons to scroll through the driver interactive display menu options until the desired menu is reached.

NOTE:

Depending on the vehicle's options, feature settings may vary.

Main Menu

SPEEDOMETER

Push and release the **up** △ or **down** ▽ arrow button until the Speedometer icon/title is highlighted in the instrument cluster display.

Push and release the **OK** button to toggle units (mph or km/h) of the speedometer. Hold the **OK** button to toggle between Analog and Digital speedometer.

DRIVER INFO

Push and release the **up** △ or **down** ▽ arrow button until the Driver Info icon/title is highlighted in the instrument cluster display. Push the **left** ◁ or **right** ▷ arrow button to scroll through the information submenus.

Driver Assist — If Equipped

The Driver Assist screen indicates the current status of ACC, Active Lane Management and Active Driving Assist/Assist+/Pilot ⇨ page 144.

Night Vision — If Equipped

Arrow buttons and submenu indicators disappear after five seconds of menu navigation inactivity. Pedestrian/Animal icons will be displayed in the top left location ⇨ page 148.

VEHICLE INFO

Push and release the **up** △ or **down** ▽ arrow button until the Vehicle Info icon/title is highlighted in the instrument cluster display. Push the **left** ◁ or **right** ▷ arrow button to scroll through the information submenus.

Fuel Economy

- Average Fuel Economy
- Current Fuel Economy
- Range To Empty
- Press the **OK** button to reset the average fuel economy

NOTE:

The Range feature is not able to be reset through the instrument cluster display controls.

Gauge Summary

- **Coolant Temperature — If Equipped**

  Displays the current temperature of the coolant.
- **Battery Voltage**

  Displays the current voltage level of the battery.
- **Transmission Temperature**

  Displays the actual transmission temperature.
- **Oil Temperature**

  Displays the actual oil temperature.
- **Oil Pressure**

  Displays the actual oil pressure.

Oil Life

- Displays the current oil life of the vehicle.

Oil Level — If Equipped

- Displays the current oil level of the vehicle ⇨ page 275.

Tire Pressure Monitoring System

- If tire pressure is **OK** for all tires a vehicle icon is displayed with tire pressure values in each corner of the icon.
- If one or more tires have low pressure, the tire pressure values in each corner of the icon with the pressure value of the low tire are displayed in a different color than the other tire pressure value.
- If the Tire Pressure system requires service, "Service Tire Pressure System" is displayed.

Tire Pressure is an information only function, and cannot be reset ⇨ page 221.

Stop/Start Status — If Equipped

- Display current status of Stop/Start system.

TRIP

Push and release the **up** △ or **down** ▽ arrow button until the Trip menu title is displayed in the instrument cluster display. Toggle the **left** ◁ or **right** ▷ arrow button to select Trip A or Trip B. The Trip information will display the following:

- **Distance** – Shows the total distance (mi or km) traveled for Trip A or Trip B since the last reset.
- **Average Fuel Economy** – Shows the average fuel economy (mpg or L/100 km or km/L) of Trip A or Trip B since the last reset.
- **Elapsed Time** – Shows the total elapsed time of travel since Trip A or Trip B has been reset.

Hold the **OK** button to reset feature information.

NAVIGATION — IF EQUIPPED

Push and release the **left** ◁ or **right** ▷ arrow button until the Navigation display icon/title is highlighted in the instrument cluster display.

- "Hold **OK** to Start Route" will display when no active route is set.
- "Hold **OK** to Cancel Route" will display when an active route is set.

OFF ROAD

Push and release the **up** △ or **down** ▽ arrow button until the Off Road Menu icon/title is highlighted. Push the **left** ◁ or **right** ▷ arrow button to scroll the submenus.

- **Terrain Status**
  - Selec-Terrain Status
  - Air Suspension Status — If Equipped
- **Vehicle Dynamics**
  - Wheel Articulation
  - Transfer Case Status
  - Steering Angle
- **Pitch And Roll**
  - Vehicle Pitch
  - Vehicle Roll

TRAILER TOW — IF EQUIPPED

Push and release the **up** △ or **down** ▽ arrow button until the Trailer Tow Menu icon/title is highlighted in the instrument cluster display. Push and release the **left** ◁ or **right** ▷ arrow button to select Trailer Trip or Trailer Brake.

Trailer Trip will display the following:

- Distance

NOTE:

Press and hold the **OK** button to reset all the information.

Trailer Brake will display the following:

- Output
- Type
- Gain

Trailer Tire Pressure will display the following:

- Trailer Tire Pressure

Trailer Light Status will display the following:

- Running Light Status
- Left Brake Light Status
- Right Brake Light Status
- Left Turn Signal Status
- Right Turn Signal Status
- Reverse Lights Status

AUDIO

Push and release the **up** △ or **down** ▽ arrow button until the Audio Menu icon/title is highlighted in the instrument cluster display. This menu will display the audio source information, including the Song name, Artist name, and audio source with an accompanying graphic.

MESSAGES

Push and release the **up** △ or **down** ▽ arrow button until the Messages Menu item is highlighted. This feature shows the number of stored warning messages. Pushing the **left** ◁ or **right** ▷ arrow button will allow you to see what the stored messages are.

When no messages are present, main menu icon will be a closed envelope.

SETTINGS

NOTE:

If current theme is set to Digital, tachometer will not display while in the Settings menu.

NOTE:

If your vehicle is equipped with Head Up Display (HUD), feature settings are available at any vehicle speed ⇨ page 94.

Screen Setup

Push and release the **up** △ or **down** ▽ arrow button until the Settings Menu icon/title is highlighted in the instrument cluster display. Push and release the **OK** button to enter the submenus and follow the prompts on the screen as needed. The Settings feature allows you to change what information is displayed in the instrument cluster as well as the location that information is displayed.

Upper Left or Upper Right		
None	Fuel Economy Average	Compass
Outside Temp	Trip A Distance	Time
Range To Empty (RTE)	Trip B Distance	Fuel Economy Current
Trailer Trip		

Current Gear

- On
- Off

Odometer

- Show
- Hide

Fuel Gauge

- Show Range
- Hide Range

Favorite Menus		
Trip (Show/Hide)	Navigation (Show/Hide)	Audio (Show/Hide)
Off Road (Show/Hide)	Trailer Tow (Show/Hide)	

NOTE:

Menus with (show/hide) can push the **OK** button to choose whether to show or hide this menu on the instrument cluster display.

Defaults (Restores All Settings To Default Settings)

- Restore
- Cancel

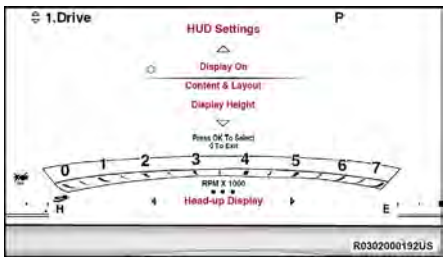
HEAD UP DISPLAY (HUD) — IF EQUIPPED

NOTE:

The HUD feature Settings are available at any vehicle speed. Some information like speed limit or Driver Assist will not appear on the HUD unless your vehicle is equipped Traffic Sign Assist or Driver Assist systems.

Push and release the **up** △ or **down** ▽ arrow button until the Settings Menu icon/title is highlighted in the instrument cluster display. Push and release the **left** ◁ **right** ▷ arrow button until the HUD Menu icon/title is highlighted in the instrument cluster display. Push and release the **OK** button to enter HUD. Use the **up** △ or **down** ▽ arrow button to select a setting, then push and release the **OK** button to adjust the setting.

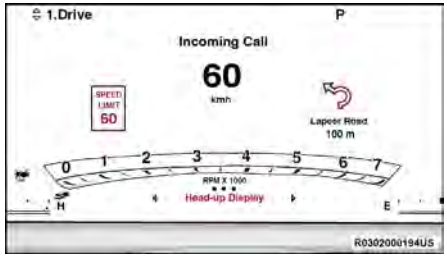
- ON/OFF



HUD ON/OFF

When “Display On” is selected, the HUD will display on the windshield. When it is not selected, nothing will display on the windshield.

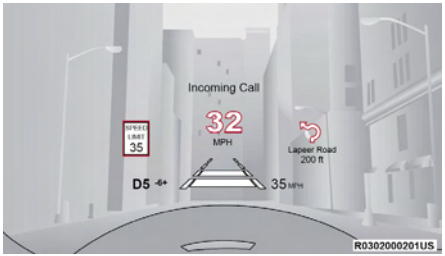
- Content and Layout
  - **Simple**: Speed, Speed Limit
  - **Standard**: Speed, Speed Limit, Navigation



Standard Mode

When “Standard” mode is selected, the HUD image is split into thirds with the speed limit indicator shown to the left, vehicle speed in the center, and turn-by-turn navigation to the right.

  - **Advanced**: Speed, Speed Limit, Navigation, Driver Assist (ACC/Cruise, Active Lane Management, Active Driving Assist), Gear (only available in Sport mode)



Advanced Mode

When “Advanced” mode is selected, the HUD displays the vehicle speed, turn-by-turn navigation, speed limit, driver assist function(s), and current gear.

- **Custom 1**: Speed, Speed Limit
- **Custom 2**: Speed, Speed Limit, Navigation
- **Custom 3**: Speed, Speed Limit, Navigation, Driver Assist (ACC/Cruise, Active Lane Management, Active Driving Assist)
- **Custom 4**: Speed, Speed Limit, Navigation, Driver Assist (ACC/Cruise, Active Lane Management, Active Driving Assist), Gear (only available in Sport mode)

- Display Height
- Brightness

NOTE:

- The HUD basic settings (Brightness, Display Height and Non Custom layouts), are controlled through the Settings Screen in the Instrument Cluster ⇨ page 88.
- If current theme is set to Digital, tachometer will not display while in the Settings menu.

BATTERY SAVER ON/BATTERY SAVER MODE MESSAGE — ELECTRICAL LOAD REDUCTION ACTIONS (IF EQUIPPED)

This vehicle is equipped with an Intelligent Battery Sensor (IBS) to perform additional monitoring of the electrical system and status of the vehicle battery.

In cases when the IBS detects charging system failure, or the vehicle battery conditions are deteriorating, electrical load reduction actions will take place to extend the driving time and distance of the vehicle. This is done by reducing power to or turning off non-essential electrical loads.

Load reduction is only active when the engine is running. It will display a message if there is a risk of battery depletion to the point where the vehicle may stall due to lack of electrical supply, or will not restart after the current drive cycle.

When load reduction is activated, the message “Battery Saver On” or “Battery Saver Mode” will appear in the instrument cluster.

These messages indicate the vehicle battery has a low state of charge and continues to lose electrical charge at a rate that the charging system cannot sustain.

NOTE:

- The charging system is independent from load reduction. The charging system performs a diagnostic on the charging system continuously.
- If the Battery Charge Warning Light is on it may indicate a problem with the charging system ⇨ page 97.

The following are electrical loads that may be switched off (if equipped), and vehicle functions which can be affected by load reduction:

- Heated Seat/Vented Seats/Heated Wheel
- Rear Defroster And Heated Mirrors
- HVAC System
- 230 Volt AC Power Inverter System
- Audio and Telematics System

Loss of the battery charge may indicate one or more of the following conditions:

- The charging system cannot deliver enough electrical power to the vehicle system because the electrical loads are larger than the capability of the charging system. The charging system is still functioning properly.
- Turning on all possible vehicle electrical loads (e.g. HVAC to max settings, exterior and interior lights, overloaded power outlets +12 Volt, 230 Volt AC, USB ports) during certain driving conditions (city driving, towing, frequent stopping, etc.).
- Installing options like additional lights, upfitter electrical accessories, audio systems, alarms and similar devices.
- Unusual driving cycles (short trips separated by long parking periods).
- The vehicle was parked for an extended period of time (weeks, months).
- The battery was recently replaced and was not charged completely.
- The battery was discharged by an electrical load left on when the vehicle was parked.

- The battery was used for an extended period with the engine not running to supply radio, lights, chargers, +12 Volt portable appliances like vacuum cleaners, game consoles and similar devices.

What to do when an electrical load reduction action message is present ("Battery Saver On" or "Battery Saver Mode")

During a trip:

- Reduce power to unnecessary loads if possible:
  - Turn off redundant lights (interior or exterior)
  - Check what may be plugged in to power outlets +12 Volt, 230 Volt AC, USB ports
  - Check HVAC settings (blower, temperature)
  - Check the audio settings (volume)

After a trip:

- Check if any aftermarket equipment was installed (additional lights, upfitter electrical accessories, audio systems, alarms) and review specifications if any (load and Ignition Off Draw currents).
- Evaluate the latest driving cycles (distance, driving time and parking time).
- The vehicle should have service performed if the message is still present during consecutive trips, and if the evaluation and driving pattern of the vehicle did not help to identify the cause.

WARNING LIGHTS AND MESSAGES

The warning/indicator lights will illuminate in the instrument panel together with a dedicated message and/or acoustic signal when applicable. These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner's Manual, which you are advised to read carefully in all cases. Always refer to the information in this chapter in the event of a failure indication. All active telltales will display first if applicable. The system check menu may appear different based upon equipment options and current vehicle status. Some telltales are optional and may not appear.

RED WARNING LIGHTS

Air Bag Warning Light

This warning light will illuminate to indicate a fault with the air bag, and will turn on for four to eight seconds as a bulb check when the ignition is placed in the ON/RUN position. This light will illuminate with a single chime when a fault with the air bag has been detected, it will stay on until the fault is cleared. If the light is either not on during startup, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible.

Brake Warning Light

This warning light monitors various brake functions, including brake fluid level and parking brake application. If the brake light turns on it may indicate that the parking brake is applied, that the brake fluid level is low, or that there is a problem with the Anti-Lock Brake System.

If the light remains on when the parking brake has been disengaged, and the fluid level is at the full mark on the master cylinder reservoir, it indicates a possible brake hydraulic system malfunction or that a problem with the Brake Booster has been detected by the Anti-Lock Brake System (ABS) / Electronic Stability Control (ESC) system. In this case, the light will remain on until the condition has been corrected. If the problem is related to the brake booster, the ABS pump will run when applying the brake, and a brake pedal pulsation may be felt during each stop.

The dual brake system provides a reserve braking capacity in the event of a failure to a portion of the hydraulic system. A leak in either half of the dual brake system is indicated by the Brake Warning Light, which will turn on when the brake fluid level in the master cylinder has dropped below a specified level.

The light will remain on until the cause is corrected.

NOTE:

The light may flash momentarily during sharp cornering maneuvers, which change fluid level conditions. The vehicle should have service performed, and the brake fluid level checked.

If brake failure is indicated, immediate repair is necessary.

WARNING!
Driving a vehicle with the red brake light on is dangerous. Part of the brake system may have failed. It will take longer to stop the vehicle. You could have a collision. Have the vehicle checked immediately.

Vehicles equipped with the Anti-Lock Brake System (ABS) are also equipped with Electronic Brake Force Distribution (EBD). In the event of an EBD failure, the Brake Warning Light will turn on along with the ABS Light. Immediate repair to the ABS system is required.

Operation of the Brake Warning Light can be checked by turning the ignition switch from the OFF position to the ON/RUN position. The light should illuminate for approximately four seconds. The light should then turn

off unless the parking brake is applied or a brake fault is detected. If the light does not illuminate, have the light inspected by an authorized dealer.

The light also will turn on when the parking brake is applied with the ignition switch in the ON/RUN position.

NOTE:

This light shows only that the parking brake is applied. It does not show the degree of brake application.

Battery Charge Warning Light

This warning light will illuminate when the battery is not charging properly. If it stays on while the engine is running, there may be a malfunction with the charging system. Contact an authorized dealer as soon as possible.

This indicates a possible problem with the electrical system or a related component.

Door Open Warning Light

This indicator will illuminate when a door is ajar/open and not fully closed.

NOTE:

If the vehicle is moving, there will also be a single chime.

Drowsy Driver Detected Warning Light — If Equipped

The Drowsy Driver Detected (DDD) system, monitors certain vehicle movement and driver interactions to identify patterns suggesting drowsiness. If detected, the system sends the driver an auditory and visual signal to take precaution. A pop-up will display continuously until the driver presses the **OK** button to clear.

Once the pop-up message is cleared, it is stored until the condition is no longer true ⇨ page 209.

Electric Power Steering (EPS) Fault Warning Light

This warning light will turn on when there's a fault with the EPS system ⇨ page 121.

WARNING!
Continued operation with reduced assist could pose a safety risk to yourself and others. Service should be obtained as soon as possible.

Electronic Throttle Control (ETC) Warning Light

This warning light will illuminate to indicate a problem with the ETC system. If a problem is detected while the vehicle is running, the light will either stay on or flash depending on the nature of the problem. Cycle the ignition when the vehicle is safely and completely stopped and the transmission is placed in the PARK position. The light should turn off. If the light remains on with the vehicle running, your vehicle will usually be drivable; however, see an authorized dealer for service as soon as possible.

NOTE:

This light may turn on if the accelerator and brake pedals are pressed at the same time.

If the light continues to flash when the vehicle is running, immediate service is required and you may experience reduced performance, an elevated/rough idle, or engine stall and your vehicle may require towing. The light will come on when the ignition is placed in the ON/RUN position and remain on briefly as a bulb check. If the light does not come on during starting, have the system checked by an authorized dealer.

Engine Coolant Temperature Warning Light

This warning light warns of an overheated engine condition. If the engine coolant temperature is too high, this indicator will illuminate and a single chime will sound. If the temperature reaches the upper limit, a continuous chime will sound for four minutes or until the engine is able to cool; whichever comes first.

If the light turns on while driving, safely pull over and stop the vehicle. If the Air Conditioning (A/C) system is on, turn it off. Also, shift the transmission into NEUTRAL (N) and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service ⇨ page 268.

Hood Open Warning Light

This warning light will illuminate when the hood is left open and not fully closed.

NOTE:
If the vehicle is moving, there will also be a single chime.

Liftgate Open Warning Light

This warning light will illuminate when the liftgate is open.

NOTE:
If the vehicle is moving, there will also be a single chime.

Night Vision Animal Detected Warning Light — If Equipped

The Night Vision Animal Warning Light will illuminate in red when an animal is detected directly in the vehicle's path, near the headlights, and a collision is possible.

If enabled, a chime will sound and a video pop-up may display when a detection occurs.

Night Vision Pedestrian Detected Warning Light — If Equipped

The Night Vision Pedestrian Warning Light will illuminate in red when a pedestrian is detected directly in the vehicle's path, near the headlights, and a collision is possible.

If enabled, a chime will sound and a video pop-up may display when a detection occurs.

Oil Level Warning Light — If Equipped

This warning light will illuminate to indicate a problem with the vehicle oil level. A chime will sound when this light turns on and a message will be displayed to indicate that the oil level is lower or higher than appropriate. Continued driving may result in engine damage, add (or drain) manufacturer recommended oil as needed to achieve the proper level.

Oil Pressure Warning Light

This warning light will illuminate to indicate low engine oil pressure. If the light turns on while driving, stop the vehicle, shut off the engine as soon as possible, and contact an authorized dealer. A chime will sound when this light turns on.

Do not operate the vehicle until the cause is corrected. This light does not indicate how much oil is in the engine.

Oil Temperature Warning Light

This warning light will illuminate to indicate the engine oil temperature is high. If the light turns on while driving, safely pull over and stop the vehicle (keep engine running). If the temperature does not return to normal after a few minutes, turn off the engine and call for service.

Seat Belt Reminder Warning Light

This warning light indicates when the driver or passenger seat belt is unbuckled. When the ignition is first placed in the ON/RUN position and if the driver's seat belt is unbuckled, a chime will sound and the light will turn on. When driving, if the driver or front passenger seat belt remains unbuckled, the Seat Belt Reminder Light will flash or remain on continuously and a chime will sound ⇨ page 224.

Speed Warning Light — If Equipped

This warning light will illuminate when the vehicle speed is equal to or greater than 120 km/h. A single chime will sound and a message will display.

Transmission Temperature Warning Light — If Equipped

This warning light will illuminate to warn of a high transmission fluid temperature. This may occur with strenuous usage such as trailer towing. If this light turns on, stop the vehicle and run the engine at idle or slightly faster, with the transmission in PARK (P) or NEUTRAL (N), until the light turns off. Once the light turns off, you may continue to drive normally.

WARNING!
If you continue operating the vehicle when the Transmission Temperature Warning Light is illuminated you could cause the fluid to boil over, come in contact with hot engine or exhaust components and cause a fire.

CAUTION!
Continuous driving with the Transmission Temperature Warning Light illuminated will eventually cause severe transmission damage or transmission failure.

Vehicle Security Warning Light — If Equipped

This light will flash at a fast rate for approximately 15 seconds when the vehicle security system is arming, and then will flash slowly until the vehicle is disarmed.

YELLOW WARNING LIGHTS

Anti-Lock Brake System (ABS) Warning Light

This warning light monitors the ABS. The light will turn on when the ignition is placed in the ON/RUN position and may stay on for as long as four seconds.

If the ABS light remains on or turns on while driving, then the Anti-Lock portion of the brake system is not functioning and service is required as soon as possible. However, the conventional brake system will continue to operate normally, assuming the Brake Warning Light is not also on.

If the ABS light does not turn on when the ignition is placed in the ON/RUN position, have the brake system inspected by an authorized dealer.

Air Suspension Fault Warning Light

This light will illuminate when there is a fault detected in the air suspension system.

Drowsy Driver Detected System Fault Warning Light — If Equipped

This warning light will illuminate when the Drowsy Driver Detected (DDD) system is not operating correctly and requires service. Please see an authorized dealer.

Electric Park Brake Warning Light

This warning light will illuminate to indicate the Electric Park Brake is not functioning properly and service is required. Contact an authorized dealer.

Electronic Stability Control (ESC) Active Warning Light

This warning light will indicate when the ESC system is Active. The ESC Indicator Light in the instrument cluster will come on when the ignition is placed in the ON/RUN position, and when ESC is activated. It should go out with the engine running. If the ESC Indicator Light comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this warning light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), see an authorized dealer as soon as possible to have the problem diagnosed and corrected.

- The ESC OFF Indicator Light and the ESC Indicator Light come on momentarily each time the ignition is placed in the ON/RUN position.
- The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive.
- This light will come on when the vehicle is in an ESC event.

Electronic Stability Control (ESC) OFF Warning Light

This warning light indicates the ESC is off.

Each time the ignition is turned to ON/RUN, the ESC system will be on, even if it was turned off previously.

Service Active Lane Management Warning Light — If Equipped

This warning light will illuminate when the Active Lane Management system is not operating and requires service. Please see an authorized dealer.

Active Lane Management Warning Light — If Equipped

The Active Lane Management Warning Light will be solid yellow when the vehicle is approaching a lane marker. The warning light will flash when the vehicle is crossing the lane marker ⇨ page 144.

Low Fuel Warning Light

When the fuel level reaches approximately 2 gal (7.5 L), this light will turn on and a chime will sound. The light will remain on until fuel is added.

Fuel Cutoff Failure Warning Light — If Equipped

This light will illuminate if there is a fuel cut-off failure. If this light illuminates, take it to an authorized dealer and have them inspect it.

Low Washer Fluid Warning Light

This warning light will illuminate when the windshield washer fluid is low ⇨ page 276.

Engine Check/Malfunction Indicator Warning Light (MIL)

The Engine Check/Malfunction Indicator Light (MIL) is a part of an Onboard Diagnostic System called OBD II that monitors engine and automatic transmission control systems. This warning light will illuminate when the ignition is in the ON/RUN position before engine start. If the bulb does not come on when turning the ignition switch from OFF to ON/RUN, have the condition checked promptly.

Certain conditions, such as a loose or missing gas cap, poor quality fuel, etc., may illuminate the light after engine start. The vehicle should be serviced if the light stays on through several typical driving styles. In most situations, the vehicle will drive normally and will not require towing.

When the engine is running, the MIL may flash to alert serious conditions that could lead to immediate loss of power or severe catalytic converter damage. The vehicle should be serviced by an authorized dealer as soon as possible if this occurs.

WARNING!
A malfunctioning catalytic converter, as referenced previously, can reach higher temperatures than in normal operating conditions. This can cause a fire if you drive slowly or park over flammable substances such as dry plants, wood, cardboard, etc. This could result in death or serious injury to the driver, occupants or others.

CAUTION!
Prolonged driving with the Malfunction Indicator Light (MIL) on could cause damage to the vehicle control system. It also could affect fuel economy and driveability. If the MIL is flashing, severe catalytic converter damage and power loss will soon occur. Immediate service is required.

Night Vision Animal Detected Warning Light — If Equipped

This light alerts the driver that the Night Vision Warning System has detected an animal approaching in the vehicle's path.

Night Vision Pedestrian Detected Warning Light — If Equipped

This indicator light alerts the driver that the Night Vision System has detected a pedestrian approaching in the vehicle's path.

Oil Level Sensor Fault Warning Light — If Equipped

This warning light will illuminate to indicate a fault with the engine oil level sensor. Contact an authorized dealer for service.

Service 4WD Warning Light — If Equipped

This warning light will illuminate to signal a fault with the 4WD system. If the light stays on or comes on during driving, it means that the 4WD system is not functioning properly and that service is required. We recommend you drive to the nearest service center and have the vehicle serviced immediately.

Service Adaptive Cruise Control (ACC) Warning Light

This light will turn on when the ACC is not operating and needs service ⇨ page 124.

This light will turn on when the ACC system is not operating and needs service.

Service Forward Collision Warning (FCW) Or Pedestrian Emergency Braking (PEB) Warning Light

This warning light will illuminate to indicate a fault in the FCW or PEB System. Contact an authorized dealer for service ⇨ page 218.

Service Stop/Start System Warning Light

This warning light will illuminate when the Stop/Start system is not functioning properly and service is required. Contact an authorized dealer for service.

Tire Pressure Monitoring System (TPMS) Warning Light

The warning light switches on and a message is displayed to indicate that the tire pressure is lower than the recommended value and/or that slow pressure loss is occurring. In these cases, optimal tire duration and fuel consumption may not be guaranteed.

Should one or more tires be in the condition mentioned previously, the display will show the indications corresponding to each tire.

CAUTION!

Do not continue driving with one or more flat tires as handling may be compromised. Stop the vehicle, avoiding sharp braking and steering. If a tire puncture occurs, repair immediately using the dedicated tire repair kit and contact an authorized dealer as soon as possible.

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.

As an added safety feature, your vehicle has been equipped with a TPMS that illuminates a low tire pressure telltale when one or more of your tires is significantly underinflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if underinflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly ⇨ page 221.

CAUTION!

The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. Aftermarket wheels can cause sensor damage. Using aftermarket tire sealants may cause the Tire Pressure Monitoring System (TPMS) sensor to become inoperable. After using an aftermarket tire sealant it is recommended that you take your vehicle to an authorized dealer to have your sensor function checked.

Towing Hook Breakdown Warning Light — If Equipped

This light illuminates when there is a failure with the tow hook. Contact an authorized dealer for service.

YELLOW INDICATOR LIGHTS

4WD Low Indicator Light — If Equipped

This light alerts the driver that the vehicle is in the 4WD Low mode. The front and rear driveshafts are mechanically locked together forcing the front and rear wheels to rotate at the same speed. Low range provides a greater gear reduction ratio to provide increased torque at the wheels ⇨ page 116.

Air Suspension Active Indicator Light — If Equipped

This light will illuminate when the air suspension system is actively adjusting the ride height ⇨ page 118.

Air Suspension Aerodynamic Height Indicator Light— If Equipped

This light will illuminate when the air suspension system is set to the Aerodynamic setting ⇨ page 118.

Air Suspension Entry/Exit Indicator Light— If Equipped

This light will illuminate when the vehicle is manually or automatically lowered from ride height position downward for easy entry and exit of the vehicle ⇨ page 118.

Air Suspension Off-Road 1 Indicator Light — If Equipped

This light will illuminate when the air suspension system is set to the Off-Road 1 setting ⇨ page 118.

Air Suspension Off-Road 2 Indicator Light — If Equipped

This light will illuminate when the air suspension system is set to the Off-Road 2 setting ⇨ page 118.

Auto HOLD! Fault Indicator Light — If Equipped

The Auto HOLD! Fault Indicator light will illuminate If a fault is detected, it will be indicated by a yellow ‘HOLD!’ indicator light that will stay on as long as the fault condition exists.

Forward Collision Warning (FCW) Or Pedestrian Emergency Braking (PEB) Off Indicator Light

This indicator light illuminates to indicate that FCW or PEB is off ⇨ page 218.

Maximum Payload Exceeded Indicator Light

This light indicates that the maximum payload may have been exceeded or load leveling cannot be achieved at its current ride height.

NEUTRAL Indicator Light — If Equipped

This light alerts the driver that the 4WD power transfer case is in the NEUTRAL mode and the front and rear driveshafts are disengaged from the powertrain.

TOW/HAUL Indicator Light

This indicator light will illuminate when TOW/HAUL mode is selected.

GREEN INDICATOR LIGHTS

Adaptive Cruise Control (ACC) Set With Target Indicator Light — If Equipped

This will display when the ACC is set and the vehicle in front is detected ⇨ page 124.

Adaptive Cruise Control (ACC) Set With No Target Detected Indicator Light — If Equipped

This will display when the ACC is set and the vehicle in front is not detected ⇨ page 124.

Auto HOLD Indicator Light — If Equipped

Auto HOLD keeps your vehicle at a complete stop without you having to keep your foot on the brake pedal. Once engaged a green "HOLD" indicator will appear in the Instrument Cluster Display.

Cruise Control SET Indicator Light — If Equipped

This indicator light will illuminate when the cruise control is set to the desired speed ⇨ page 122.

Front Fog Indicator Light

This indicator light will illuminate when the front fog lights are on ⇨ page 51.

Active Lane Management Indicator Light — If Equipped

The Active Lane Management indicator light illuminates solid green when both lane markings have been detected and the system is "armed" and ready to provide visual and torque warnings if an unintentional lane departure occurs ⇨ page 144.

Intelligent Speed Assist (ISA) Set Indicator Light — If Equipped

The ISA system combines the Active Speed Limiter and Traffic Sign Assist (TSA) systems to automatically adjust the maximum speed of the vehicle based on detected traffic signs. When the system is fully engaged and detects the current speed limit using the TSA system, the message in the instrument cluster display will change to "Set" along with the speed now set by the Active Speed Limiter and the indicator turns green.

Night Vision Active Indicator Light — If Equipped

This light alerts the driver that the Night Vision Warning System status is Active ⇨ page 148.

Parking/Headlights On Indicator Light

This indicator light will illuminate when the parking lights or headlights are turned on ⇨ page 51.

Sport Mode Indicator Light

This light will turn on when Sport mode is active.

Stop/Start Active Indicator Light

This indicator light will illuminate when the Stop/Start function is in "Autostop" mode ⇨ page 121.

Turn Signal Indicator Lights

When the left or right turn signal is activated, the turn signal indicator will flash independently and the corresponding exterior turn signal lamps will flash. Turn signals can be activated when the multifunction lever is moved down (left) or up (right).

NOTE:

- A continuous chime will sound if the vehicle is driven more than 1 mile (1.6 km) with either turn signal on.
- Check for an inoperative outside light bulb if either indicator flashes at a rapid rate.

WHITE INDICATOR LIGHTS

Adaptive Cruise Control (ACC) Ready Indicator Light — If Equipped

This light will turn on when ACC has been turned on, but is not set ⇨ page 124.

Cruise Control Ready Indicator Light

This indicator light will illuminate when the cruise control is ready, but not set ⇨ page 122.

Hill Descent Control (HDC) Indicator Light — If Equipped

This indicator shows when the HDC feature is turned on. The light will be on solid when HDC is armed. HDC can only be armed when the transfer case is in the 4WD Low position and the vehicle speed is less then 30 mph (48 km/h). If these conditions are not met while attempting to use the HDC feature, the HDC indicator light will flash on/off.

Intelligent Speed Assist (ISA) Ready Indicator Light — If Equipped

The ISA system combines the Active Speed Limiter and Traffic Sign Assist (TSA) systems to automatically adjust the maximum speed of the vehicle based on detected traffic signs. The message “Ready” will appear along with a white indicator light in the instrument cluster display to signal that the system has been activated.

Active Lane Management Indicator Light — If Equipped

When the Active Lane Management system is ON, but not armed, the Active Lane Management indicator light illuminates solid white. This occurs when only left, right, or neither lane line has been detected. If a single lane line is detected, the system is ready to provide only visual warnings if an unintentional lane departure occurs on the detected lane line ⇨ page 144.

Rear Seat Unoccupied Indicator Light — If Equipped

This light indicates when the rear passenger seats are unoccupied, and will illuminate in the upper right portion of the instrument cluster display, momentarily replacing the configurable corner information.

Selec-Speed Control Indicator Light — If Equipped

This light will turn on when Selec-Speed Control is activated.

To activate Selec-Speed Control, ensure the vehicle is 4WD Low and push the button on the Instrument Panel.

NOTE:

If the vehicle is not in 4WD Low, “To Enter Selec-Speed Shift to 4WD Low” will appear in the instrument cluster display.

BLUE INDICATOR LIGHTS

High Beam Indicator Light

This indicator light will illuminate to indicate that the high beam headlights are on. With the low beams activated, push the multifunction lever forward (toward the front of the vehicle) to turn on the high beams. Pull the multifunction lever rearward (toward the rear of the vehicle) to turn off the high beams. If the high beams are off, pull the lever toward you for a temporary high beam on, “flash to pass” scenario.

GRAY INDICATOR LIGHTS

Night Vision Suppressed Indicator Light — If Equipped

This light alerts the driver that the Night Vision Warning System status is Suppressed ⇨ page 148.

ONBOARD DIAGNOSTIC SYSTEM — OBD II

Your vehicle is equipped with a sophisticated Onboard Diagnostic system called OBD II. This system monitors the performance of the emissions, engine, and transmission control systems. When these systems are operating properly, your vehicle will provide excellent performance and fuel economy, as well as engine emissions well within current government regulations.

If any of these systems require service, the OBD II system will turn on the Malfunction Indicator Light (MIL). It will also store diagnostic codes and other information

to assist your service technician in making repairs. Although your vehicle will usually be driveable and not need towing, see an authorized dealer for service as soon as possible.

CAUTION!

- Prolonged driving with the MIL on could cause further damage to the emission control system. It could also affect fuel economy and driveability. The vehicle must be serviced before any emissions tests can be performed.
- If the MIL is flashing while the vehicle is running, severe catalytic converter damage and power loss will soon occur. Immediate service is required.

ONBOARD DIAGNOSTIC SYSTEM (OBD II) CYBERSECURITY

Your vehicle is required to have OBD II and a connection port to allow access to information related to the performance of your emissions controls. Authorized service technicians may need to access this information to assist with the diagnosis and service of your vehicle and emissions system ⇨ page 170.

WARNING!

- ONLY an authorized service technician should connect equipment to the OBD II connection port in order to read the VIN, diagnose, or service your vehicle.
- If unauthorized equipment is connected to the OBD II connection port, such as a driver-behavior tracking device, it may:
  - Be possible that vehicle systems, including safety related systems, could be impaired or a loss of vehicle control could occur that may result in an accident involving serious injury or death.
  - Access, or allow others to access, information stored in your vehicle systems, including personal information.

STARTING AND OPERATING

STARTING THE ENGINE

Before starting your vehicle, adjust your seat, adjust the inside and outside mirrors, fasten your seat belt, and if present, instruct all other occupants to buckle their seat belts.

WARNING!

- Before exiting a vehicle, always come to a complete stop, then shift the automatic transmission into PARK and apply the parking brake.
- Always make sure the keyless ignition node is in the OFF position, key fob is removed from the vehicle and vehicle is locked.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Leaving children in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition of a vehicle equipped with Keyless Enter 'n Go™ in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.
- Do not leave children or animals inside parked vehicles in hot weather. Interior heat buildup may cause serious injury or death.

AUTOMATIC TRANSMISSION

The gear selector must be in the NEUTRAL (N) or PARK (P) position before you can start the engine. Apply the brakes before shifting into any driving gear.

CAUTION!

Damage to the transmission may occur if the following precautions are not observed:

- Do not shift from REVERSE (R), PARK, or NEUTRAL into any forward gear when the engine is above idle speed.
- Shift into PARK only after the vehicle has come to a complete stop.
- Shift into or out of REVERSE only after the vehicle has come to a complete stop and the engine is at idle speed.
- Before shifting into any gear, make sure your foot is firmly on the brake pedal.

KEYLESS ENTER 'N GO™ — IGNITION

This feature allows the driver to operate the ignition switch with the push of a button, as long as the Remote Start/Keyless Enter 'n Go™ key fob is in the passenger compartment.

NORMAL STARTING

To Turn On The Engine Using The ENGINE START/STOP Button

1. The transmission must be in PARK (P).
2. Press and hold the brake pedal while pushing the ENGINE START/STOP button once.
3. The system takes over and attempts to start the vehicle. If the vehicle fails to start, the starter will disengage automatically after 10 seconds.
4. If you wish to stop the cranking of the engine prior to the engine starting, push the ENGINE START/STOP button again.

To Turn Off The Engine Using The ENGINE START/STOP Button

1. Place the gear selector in PARK, then push and release the ENGINE START/STOP button.
2. The ignition will return to the OFF position.
3. If the gear selector is not in PARK, the ENGINE START/STOP button must be held for two seconds or three short pushes in a row with the vehicle speed above 5 mph (8 km/h) before the engine will shut off. The ignition will remain in the ON/RUN position until the gear selector is in PARK and the button is pushed twice to the OFF position.
4. If the gear selector is not in PARK and the ENGINE START/STOP button is pushed once with the vehicle speed above 5 mph (8 km/h), the instrument clus-

ter will display a " **Vehicle Not In Park**" message and the engine will remain running. Never leave a vehicle out of the PARK position, or it could roll.

NOTE:

If the gear selector is not in PARK, and the ENGINE START/STOP button is pushed once with the vehicle speed below 5 mph (8 km/h), the engine will shut off and the ignition will remain in the ON/RUN position. If vehicle speed drops below 1.2 mph (1.9 km/h), the vehicle may AutoPark ⇨ page 107.

ENGINE START/STOP Button Functions — With Driver's Foot Off The Brake Pedal (In PARK Or NEUTRAL Position)

The ENGINE START/STOP button operates similar to an ignition switch. It has two positions: OFF, and RUN. To change the ignition positions without starting the vehicle and use the accessories, follow these directions:

1. Start with the ignition in the OFF position.
2. Push the ENGINE START/STOP button once to place the ignition in the ON/RUN position.
3. Push the ENGINE START/STOP button a second time to return the ignition to the OFF position.

NOTE:

Only press one pedal at a time while driving the vehicle. Torque performance of the vehicle could be reduced if both pedals are pressed at the same time. If pressure is detected on both pedals simultaneously, a warning message will display in the instrument cluster ⇨ page 85.

AUTOPARK

AutoPark is a supplemental feature to assist with placing the vehicle in PARK (P) should the situations on the following pages occur. It is a back-up system and should not be relied upon as the primary method by which the driver shifts the vehicle into PARK.

The conditions under which AutoPark will engage are outlined on the following pages.

WARNING!

- Driver inattention could lead to failure to place the vehicle in PARK. ALWAYS DO A VISUAL CHECK that your vehicle is in PARK by verifying that a solid (not blinking) "P" is indicated in the instrument cluster display and on the gear selector. If the "P" indicator is blinking, your vehicle is not in PARK. As an added precaution, always apply the parking brake when exiting the vehicle.
- AutoPark is a supplemental feature. It is not designed to replace the need to shift your vehicle into PARK. It is a back-up system and should not be relied upon as the primary method by which the driver shifts the vehicle into PARK.

If the vehicle is not in PARK and the driver turns off the engine, the vehicle may AutoPark.

AutoPark will engage when all of these conditions are met:

- Vehicle is equipped with an 8-speed transmission
- Vehicle is not in PARK
- Vehicle speed is 1.2 mph (1.9 km/h) or less
- Ignition is switched from RUN to OFF

NOTE:

For Keyless Enter 'n Go™ equipped vehicles, the engine will turn off and the ignition switch will change to ON/RUN position. After 30 minutes the ignition switches to OFF automatically, unless the driver turns the ignition switch OFF.

If the vehicle is not in PARK and the driver exits the vehicle with the engine running, the vehicle may AutoPark.

AutoPark will engage when all of these conditions are met:

- Vehicle is equipped with an 8-speed transmission
- Vehicle is not in PARK
- Vehicle speed is 1.2 mph (1.9 km/h) or less
- Driver's seat belt is unbuckled
- Driver's door is ajar
- Brake pedal is not pressed

The message " **AutoPark Engaged Shift To P Then Shift To Gear**" will display in the instrument cluster.

NOTE:

In some cases the ParkSense graphic will be displayed in the instrument cluster. In these cases, the gear selector must be returned to "P" to select desired gear.

If the driver shifts into PARK while moving, the vehicle may AutoPark.

AutoPark will engage **ONLY** when vehicle speed is 1.2 mph (1.9 km/h) or less.

The message " **Vehicle Speed Is Too High To Shift To P**" will be displayed in the instrument cluster if vehicle speed is above 1.2 mph (1.9 km/h).

WARNING!

If vehicle speed is above 1.2 mph (1.9 km/h), the transmission will default to NEUTRAL until the vehicle speed drops below 1.2 mph (1.9 km/h). A vehicle left in the NEUTRAL position can roll. As an added precaution, always apply the parking brake when exiting the vehicle.

4WD LOW — If Equipped

AutoPark will be disabled when operating the vehicle in 4WD LOW.

The message " **AutoPark Disabled**" will be displayed in the instrument cluster.

Additional customer warnings will be given when both of these conditions are met:

- Vehicle is not in PARK
- Driver's door is ajar

The message " **AutoPark Not Engaged**" will be displayed in the instrument cluster. A warning chime will continue until you shift the vehicle into PARK or the driver's door is closed.

ALWAYS DO A VISUAL CHECK that your vehicle is in PARK by looking for the "P" in the instrument cluster display and on the gear selector. As an added precaution, always apply the parking brake when exiting the vehicle.

EXTENDED PARK STARTING

NOTE:

Extended Park condition occurs when the vehicle has not been started or driven for at least 30 days.

1. Install a battery charger or jumper cables to the battery to ensure a full battery charge during the crank cycle.
2. Press and hold the brake pedal while pushing the ENGINE START/STOP button once.
3. If the engine fails to start within 10 seconds, wait 10 to 15 seconds to allow the starter to cool, then repeat the Extended Park Starting procedure.
4. If the engine fails to start after eight attempts, allow the starter to cool for at least 10 minutes, then repeat the Extended Park Starting procedure.

CAUTION!

To prevent damage to the starter, do not crank continuously for more than 10 seconds at a time. Wait 10 to 15 seconds before trying again.

IF ENGINE FAILS TO START

If the engine fails to start after you have followed the "Normal Starting" procedure and has not experienced an extended park condition as defined previously, it may be flooded. Push the accelerator pedal all the way to the floor and hold it there while the engine is cranking. This should clear any excess fuel in case the engine is flooded. The starter motor will engage automatically, run for 10 seconds, and then disengage. Once this occurs, release the accelerator pedal and the brake pedal, wait 10 to 15 seconds, then repeat the "Normal Starting" procedure.

WARNING!

- Never pour fuel or other flammable liquid into the throttle body air inlet opening in an attempt to start the vehicle. This could result in flash fire causing serious personal injury.
- Do not attempt to push or tow your vehicle to get it started. Vehicles equipped with an automatic transmission cannot be started this way. Unburned fuel could enter the catalytic converter and once the engine has started, ignite and damage the converter and vehicle.
- If the vehicle has a discharged battery, booster cables may be used to obtain a start from a booster battery or the battery in another vehicle. This type of start can be dangerous if done improperly ⇨ page 266.

CAUTION!

To prevent damage to the starter, do not continuously crank the engine for more than 10 seconds at a time. Wait 10 to 15 seconds before trying again.

COLD WEATHER OPERATION (BELOW –22°F OR –30°C)

To ensure reliable starting at these temperatures, use of an externally powered electric engine block heater (available from an authorized dealer) is recommended.

AFTER STARTING

The idle speed is controlled automatically, and it will decrease as the engine warms up.

TURBOCHARGER “COOL DOWN” — 3.0L ENGINE ONLY

The 3.0L engine is equipped with an after-run pump to cool the turbocharger after the engine is shut off. Depending on the type of driving and the amount of cargo, the pump will run for up to 20 minutes after the engine has been shut off to circulate coolant through the turbocharger. Although the pump is rubber-mounted for quiet operation, it is normal to hear it running during this time.

ENGINE BLOCK HEATER — IF EQUIPPED

The engine block heater warms the engine, and permits quicker starts in cold weather. Connect the cord to a standard 110-115 Volt AC electrical outlet with a grounded, three-wire extension cord.

The engine block heater must be plugged in at least one hour to have an adequate warming effect on the engine.

The engine block heater cord is coiled and strapped right behind the engine air cleaner filter assembly from the manufacturer.

WARNING!
Remember to disconnect the engine block heater cord before driving. Damage to the 110-115 Volt electrical cord could cause electrocution.

ENGINE BREAK-IN RECOMMENDATIONS

An initial break-in period is recommended for the powertrain (engine, transmission, axle, etc.) in your vehicle. Adhering to the following guidelines will contribute to improved longevity, fuel economy, and performance.

Drive moderately during the first 100 miles (160 km). After that, for the first 500 miles (800 km), avoid long periods at constant speed. Varying speed, engine RPM, and throttle position is desirable.

Avoid high performance, severe off-road, and towing for the first 500 miles (800 km).

NOTE:

A new engine may consume some oil during its first few thousand miles (km) of operation. This should be considered a normal part of the break-in and not interpreted as a problem. For engines not equipped with an oil level sensor, please check your oil level frequently during the break-in period. Add manufacturer-approved oil as required ⇨ page 316.

CAUTION!
Never use Non-Detergent Oil or Straight Mineral Oil in the engine or damage may result. ONLY USE OILS THAT ARE API APPROVED ⇨ page 316.

PARKING BRAKE

ELECTRIC PARK BRAKE (EPB)

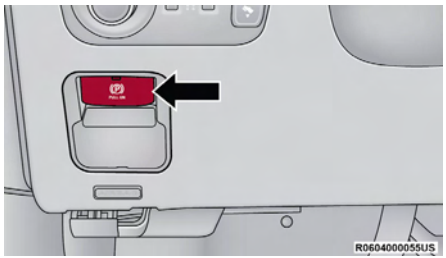
Your vehicle is equipped with an EPB that offers simple operation, and some additional features that make the parking brake more convenient and useful.

The parking brake is primarily intended to prevent the vehicle from rolling while parked. Before leaving the vehicle, make sure that the parking brake is applied. Also, be certain to leave the transmission in PARK.

You can engage the parking brake in two ways:

- Manually, by applying the EPB switch.
- Automatically, by enabling the Auto Park Brake feature in the customer programmable features section of the Uconnect settings.

The EPB switch is located on the instrument panel to the left of the steering wheel (below the headlamp switch).



Electric Park Brake Switch

To apply the parking brake manually, pull up on the switch momentarily. You may hear a sound from the back of the vehicle while the parking brake engages. Once the parking brake is fully engaged, the Brake Warning Light in the instrument cluster and an indicator on the switch will illuminate. If your foot is on the brake pedal while you apply the parking brake, you may notice a small amount of brake pedal movement. The parking brake can be applied even when the ignition switch is OFF but the Brake Warning Light will not illuminate, however, it can only be released when the ignition is in the ON/RUN position.

NOTE:

The EPB Warning Light will illuminate if the EPB switch is held for longer than 20 seconds in either the released or applied position. The light will extinguish upon releasing the switch.

If the Auto Park Brake feature is enabled, the parking brake will automatically engage whenever the transmission is placed into PARK, or with a manual transmission, when the ignition is turned OFF. If your foot is on the brake pedal, you may notice a small amount of brake pedal movement while the parking brake is engaging.

The parking brake will release automatically when the ignition is ON, the transmission is in DRIVE or REVERSE, the driver's seat belt is buckled, and an attempt is made to drive away.

To release the parking brake manually, the ignition switch must be in the ON/RUN position. Put your foot on the brake pedal, then push the EPB switch down momentarily. You may hear a sound from the back of the vehicle while the parking brake disengages. You may also notice a small amount of movement in the brake pedal. Once the parking brake is fully disengaged, the Brake Warning Light in the instrument cluster and the LED indicator on the switch will extinguish.

NOTE:

When parking on a hill, it is important to turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade. Apply the parking brake before placing the gear selector in PARK, otherwise the load on the transmission locking mechanism may make it difficult to move the gear selector out of PARK.

WARNING!

- Never use the PARK position as a substitute for the parking brake. Always apply the parking brake fully when parked to guard against vehicle movement and possible injury or damage.
- When exiting the vehicle, always turn the ignition off, secure the key fob, and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave a vehicle equipped with Keyless Enter 'n Go™ in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.

(Continued)

WARNING!

- Be sure the parking brake is fully disengaged before driving; failure to do so can lead to a brake failure and a collision.
- Always fully apply the parking brake when leaving your vehicle, or it may roll and cause damage or injury. Also be certain to leave the transmission in PARK. Failure to do so may allow the vehicle to roll and cause damage or injury.

CAUTION!

If the Brake System Warning Light remains on with the parking brake released, a brake system malfunction is indicated. Have the brake system serviced by an authorized dealer immediately.

If exceptional circumstances should make it necessary to engage the parking brake while the vehicle is in motion, maintain upward pressure on the EPB switch for as long as engagement is desired. The Brake Warning Light will illuminate, and a continuous chime will sound. The rear stop lamps will also be illuminated automatically while the vehicle remains in motion.

To disengage the parking brake while the vehicle is in motion, release the switch. If the vehicle is brought to a complete stop using the parking brake, when the vehicle reaches approximately 3 mph (5 km/h), the parking brake will remain engaged.

WARNING!

Driving the vehicle with the parking brake engaged, or repeated use of the parking brake to slow the vehicle, may cause serious damage to the brake system. Be sure the parking brake is fully disengaged before driving; failure to do so can lead to brake failure and a collision.

In the unlikely event of a malfunction of the EPB system, a yellow EPB Warning Light will illuminate. This may be accompanied by the Brake Warning Light flashing. In this event, urgent service of the EPB system is required. Do not rely on the parking brake to hold the vehicle stationary.

Auto Park Brake

Any single Auto Park Brake application can be bypassed by pushing the EPB switch to the release position while the transmission is placed in PARK.

SafeHold

SafeHold is a safety feature of the EPB system that will engage the parking brake automatically if the vehicle is left unsecured while the ignition is in ON/RUN.

The parking brake will automatically engage if all of the following conditions are met:

- The vehicle is at a standstill.
- There is no attempt to press the brake pedal or accelerator pedal.
- The seat belt is unbuckled.
- The driver's door is open.

SafeHold can be temporarily bypassed by pushing the EPB switch while the driver's door is open. Once manually bypassed, SafeHold will be enabled again once the vehicle reaches 12 mph (20 km/h) or the ignition is turned to the OFF position and back to ON again.

Auto Hold — If Equipped

Auto Hold is a comfort feature that allows the driver to remove their foot from the brake pedal once the vehicle has come to a stop. The vehicle must be held at a standstill for a predetermined amount of time by hydraulic braking. The EPB will then engage and continue to hold the vehicle at a stop until the driver applies the accelerator pedal. Auto Hold can be activated or deactivated by pushing the AUTO HOLD button located on the switch bank.

AUTO HOLD Switch

The following conditions must be met for Auto Hold to activate:

- Driver's door is closed
- Driver's seat belt is fastened
- Vehicle is at a standstill
- Forward gear is selected
- ACC is not engaged
- EPB is not applied
- ParkSense Active Park Assist System auto parking maneuver is not activated

Brake Maintenance Mode

We recommend having your brakes serviced by an authorized dealer. You should only make repairs for which you have the knowledge and the right equipment. You should only enter Brake Maintenance mode during brake service.

When servicing your rear brakes, it may be necessary for you or your technician to push the rear piston into the rear caliper bore. With the EPB system, this can only be done after retracting the EPB actuator. Fortunately, actuator retraction can be done easily by entering the Brake Maintenance mode through the Uconnect Settings in your vehicle. This menu-based system will guide you through the steps necessary to retract the EPB actuator in order to perform rear brake service.

Maintenance mode has requirements that must be met in order to be activated:

- The vehicle must be at a standstill.
- The parking brake must be unapplied.
- The transmission must be in PARK or NEUTRAL.

While in Maintenance mode, the EPB Warning Light will flash continuously while the ignition is ON.

When brake service work is complete, the following steps must be followed to reset the parking brake system to normal operation:

- Ensure the vehicle is at a standstill.
- Press the brake pedal with moderate force.
- Apply the EPB switch.

WARNING!

You can be badly injured working on or around a motor vehicle. Do only that service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

AUTOMATIC TRANSMISSION

You must press and hold the brake pedal while shifting out of PARK.

WARNING!

- Never use the PARK (P) position as a substitute for the parking brake. Always apply the parking brake fully when exiting the vehicle to guard against vehicle movement and possible injury or damage.
- Your vehicle could move and injure you and others if it is not in PARK. Check by trying to move the transmission gear selector out of PARK with the brake pedal released. Make sure the transmission is in PARK before exiting the vehicle.
- The transmission may not engage PARK if the vehicle is moving. Always bring the vehicle to a complete stop before shifting to PARK, and verify that the transmission gear position indicator solidly indicates PARK without blinking. Ensure that the vehicle is completely stopped, and the PARK position is properly indicated, before exiting the vehicle.

(Continued)

WARNING!

- It is dangerous to shift out of PARK or NEUTRAL (N) if the engine speed is higher than idle speed. If your foot is not firmly pressing the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and your foot is firmly pressing the brake pedal.
- Unintended movement of a vehicle could injure those in or near the vehicle. As with all vehicles, you should never exit a vehicle while the engine is running. Before exiting a vehicle, always come to a complete stop, then apply the parking brake, shift the transmission into PARK, and turn the ignition OFF. When the ignition is in the OFF position, the transmission is locked in PARK, securing the vehicle against unwanted movement.
- When exiting the vehicle, always make sure the ignition is in the OFF position, remove the key fob from the vehicle, and lock the vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the transmission gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.

CAUTION!

Damage to the transmission may occur if the following precautions are not observed:

- Shift into or out of PARK or REVERSE (R) only after the vehicle has come to a complete stop.
- Do not shift between PARK, REVERSE, NEUTRAL, or DRIVE (D) when the engine is above idle speed.
- Before shifting into any gear, make sure your foot is firmly pressing the brake pedal.

IGNITION PARK INTERLOCK

This vehicle is equipped with an Ignition Park Interlock which requires the transmission to be in PARK (P) before the ignition can be turned to the OFF position. This helps the driver avoid inadvertently leaving the vehicle without placing the transmission in PARK. This system also locks the transmission in PARK whenever the ignition is in the OFF position.

NOTE:

The transmission is NOT locked in PARK when the ignition is in the ON/RUN position (even though the engine will be off). Ensure that the transmission is in PARK, and the ignition is **OFF** (not in ON/RUN position) before exiting the vehicle.

BRAKE/TRANSMISSION SHIFT INTERLOCK (BTSI) SYSTEM

This vehicle is equipped with a BTSI system that holds the transmission gear selector in PARK unless the brakes are applied. To shift the transmission out of PARK, the engine must be running and the brake pedal must be pressed. The brake pedal must also be pressed to shift from NEUTRAL into DRIVE or REVERSE when the vehicle is stopped or moving at low speeds.

8-SPEED AUTOMATIC TRANSMISSION

The transmission is controlled using a rotary electronic gear selector located on the center console. The transmission gear range (PRND) is displayed both above the gear selector and in the instrument cluster. To select a gear range, simply rotate the gear selector. You must press the brake pedal to shift the transmission out of PARK (or NEUTRAL, when the vehicle is stopped or moving at low speeds). To shift past multiple gear ranges at once (such as PARK to DRIVE), simply rotate the gear selector to the appropriate detent. Select the DRIVE range for normal driving.

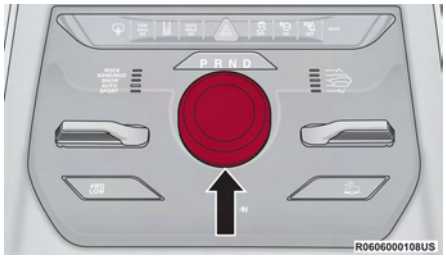
NOTE:

In the event of a mismatch between the gear selector position and the actual transmission gear (for example, driver selects PARK while driving), the position indicator will blink continuously until the selector is returned to the proper position, or the requested shift can be completed.

The electronically controlled transmission adapts its shift schedule based on driver inputs, along with environmental and road conditions. The transmission electronics are self-calibrating; therefore, the first few shifts on a new vehicle may be somewhat abrupt. This is a normal condition, and precision shifts will develop within a few hundred miles (kilometers).

Only shift from DRIVE to PARK or REVERSE when the accelerator pedal is released and the vehicle is stopped. Be sure to keep your foot on the brake pedal when shifting between these gears.

The transmission gear selector has only PARK, REVERSE, NEUTRAL, and DRIVE positions. Manual downshifts can be made using the Electronic Range Select (ERS) shift control. Pushing the GEAR "-"/GEAR "+" switches (on the steering wheel) while in the DRIVE position will select the highest available transmission gear, and will display that gear limit in the instrument cluster as 1, 2, 3, etc. Some models will display both the selected gear limit, and the actual current gear, while in ERS mode.



Transmission Gear Selector

Gear Ranges

Do not press the accelerator pedal when shifting from PARK (P) or NEUTRAL (N) into another gear range.

NOTE:

After selecting any gear range, wait a moment to allow the selected gear to engage before accelerating. This is especially important when the engine is cold.

PARK (P)

This range supplements the parking brake by locking the transmission. The engine can be started in this range. Never attempt to use PARK while the vehicle is in motion. Apply the parking brake when exiting the vehicle in this range.

When parking on a hill, apply the parking brake before shifting the transmission to PARK. As an added precaution, turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade.

When exiting the vehicle, always:

- Apply the parking brake.
- Shift the transmission into PARK.
- Turn the ignition OFF.
- Remove the key fob from the vehicle.

NOTE:

On four-wheel drive vehicles be sure that the transfer case is in a drive position.

CAUTION!

- Before moving the transmission gear selector out of PARK, you must start the engine, and also press the brake pedal. Otherwise, damage to the gear selector could result.
- DO NOT race the engine when shifting from PARK or NEUTRAL into another gear range, as this can damage the drivetrain.

The following indicators should be used to ensure that you have properly engaged the transmission into the PARK position:

- Look at the transmission gear position display and verify that it indicates the PARK position (P), and is not blinking.
- With the brake pedal released, verify that the gear selector will not move out of PARK.

REVERSE (R)

This range is for moving the vehicle backward. Shift into REVERSE only after the vehicle has come to a complete stop.

NEUTRAL (N)

Use this range when the vehicle is standing for prolonged periods with the engine running. Apply the parking brake and shift the transmission into PARK (P) if you must exit the vehicle.

WARNING!

Do not coast in NEUTRAL and never turn off the ignition to coast down a hill. These are unsafe practices that limit your response to changing traffic or road conditions. You might lose control of the vehicle and have a collision.

CAUTION!

Towing the vehicle, coasting, or driving for any other reason with the transmission in NEUTRAL can cause severe transmission damage.

For Recreational Towing see ⇨ page 163.

For Towing A Disabled Vehicle see ⇨ page 271.

DRIVE (D)

This range should be used for most city and highway driving. It provides the smoothest upshifts and downshifts, and the best fuel economy. The transmission automatically upshifts through all forward gears.

When frequent transmission shifting occurs (such as when operating the vehicle under heavy loading conditions, in hilly terrain, traveling into strong head winds, or while towing a heavy trailer), use the Electronic Range Select (ERS) shift control to select a lower gear ⇨ page 115. Under these conditions, using a lower gear will improve performance and extend transmission life by reducing excessive shifting and heat buildup.

During cold temperatures, transmission operation may be modified depending on engine and transmission temperature as well as vehicle speed. This feature improves warm-up time of the engine and transmission to achieve maximum efficiency. Engagement of the torque converter clutch is inhibited until the transmission fluid is warm. Normal operation will resume once the transmission temperature has risen to a suitable level.

Transmission Limp Home Mode

Transmission function is monitored electronically for abnormal conditions. If a condition is detected that could result in transmission damage, Transmission Limp Home mode is activated. In this mode, the transmission may operate only in certain gears, or may not shift at all. Vehicle performance may be severely degraded and the engine may stall. In some situations, the transmission may not re-engage if the engine is turned off and restarted. The Malfunction Indicator Light (MIL) may be illuminated. A message in the instrument cluster will inform the driver of the more serious conditions, and indicate what actions may be necessary.

In the event of a momentary problem, the transmission can be reset to regain all forward gears by performing the following steps:

NOTE:

In cases where the instrument cluster message indicates the transmission may not re-engage after engine shutdown, perform this procedure only in a desired location (preferably, at an authorized dealer).

1. Stop the vehicle.
2. Shift the transmission into PARK (P), if possible. If not, shift the transmission to NEUTRAL (N).
3. Push and hold the ignition switch until the engine turns off.
4. Wait approximately 30 seconds.
5. Restart the engine.
6. Shift into the desired gear range. If the problem is no longer detected, the transmission will return to normal operation.

NOTE:

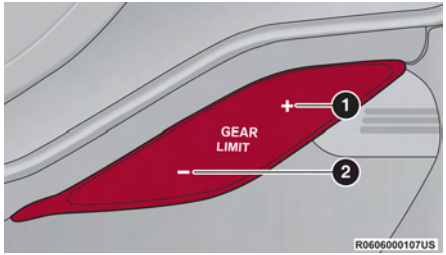
Even if the transmission can be reset, we recommend that you visit an authorized dealer at your earliest possible convenience. An authorized dealer has diagnostic equipment to assess the condition of your transmission.

If the transmission cannot be reset, authorized dealer service is required.

Electronic Range Select (ERS) Operation

The ERS shift control allows the driver to limit the highest available gear when the transmission is in DRIVE and ERS mode is not active. For example, if you set the transmission gear limit to FOURTH gear, the transmission will not shift above FOURTH gear (except to prevent engine overspeed), but will shift through the lower gears normally.

You can switch between DRIVE and ERS mode at any vehicle speed. When the transmission gear selector is in DRIVE, the transmission will operate automatically, shifting between all available gears. Tapping the "-" button (on the steering wheel) will activate ERS mode, display the current gear in the instrument cluster, and set that gear as the top available gear. Once in ERS mode, tapping the "-" or "+" button will change the top available gear.



Electronic Range Select (ERS)

1 — Shift Up "+"
2 — Shift Down "–"

To exit ERS mode, simply push and hold the "+" button until the gear limit display disappears from the instrument cluster.

WARNING!
Do not downshift for additional engine braking on a slippery surface. The drive wheels could lose their grip and the vehicle could skid, causing a collision or personal injury.

When to Use TOW/HAUL Mode

Select TOW/HAUL mode when driving in conditions such as: driving in hilly areas, towing a trailer, carrying a heavy load, etc. This mode will improve performance and reduce the potential for transmission overheating or failure due to excessive shifting.

TOW/HAUL Switch

The TOW/HAUL Indicator Light will illuminate in the instrument cluster to indicate that TOW/HAUL mode has been activated. Pushing the switch a second time restores normal operation. Normal operation is always the default at engine start-up. If TOW/HAUL mode is desired, the switch must be pushed each time the engine is started.

WARNING!
Do not use the "TOW/HAUL" feature when driving in icy or slippery conditions. The increased engine braking can cause the rear wheels to slide, and the vehicle to swing around with the possible loss of vehicle control, which may cause an accident possibly resulting in personal injury or death.

FOUR-WHEEL DRIVE OPERATION

QUADRA-TRAC I OPERATING INSTRUCTIONS/PRECAUTIONS — IF EQUIPPED

The Quadra-Trac I is a single-speed (HI range only) transfer case, which provides convenient full-time four-wheel drive. No driver interaction is required. The Brake Traction Control (BTC) System, which combines standard ABS and Traction Control, provides resistance to any wheel that is slipping to allow additional torque transfer to wheels with traction.

NOTE:

The Quadra-Trac I system is not appropriate for conditions where 4WD LOW range is recommended ⇨ page 167.

QUADRA-TRAC II OPERATING INSTRUCTIONS/PRECAUTIONS — IF EQUIPPED

The Quadra-Trac II transfer case is fully automatic in the normal driving 4WD HI mode. The Quadra-Trac II transfer case provides three positions:

- 4WD HI
- N (Neutral)
- 4WD LOW

When additional traction is required, the 4WD LOW position can be used for increased torque at the wheels. Driving in the 4WD LOW position on dry, hard-surfaced roads may cause increased tire wear and damage to driveline components.

When operating your vehicle in 4WD LOW, the engine speed is approximately three times that of the 4WD HI position at a given road speed. Take care not to overspeed the engine and do not exceed 25 mph (40 km/h).

Proper operation of four-wheel drive vehicles depends on tires of equal size, type, and circumference on each wheel. Any difference will adversely affect shifting and cause damage to the transfer case.

Because four-wheel drive provides improved traction, there is a tendency to exceed safe turning and stopping speeds. Do not go faster than road conditions permit.

WARNING!

You or others could be injured or killed if you leave the vehicle unattended with the transfer case in the N (Neutral) position without first fully engaging the parking brake. The transfer case N (Neutral) position disengages both the front and rear drive shafts from the powertrain and will allow the vehicle to roll, even if the transmission is in PARK. The parking brake should always be applied when the driver is not in the vehicle.

SHIFT POSITIONS

For additional information on the appropriate use of each four-wheel drive system mode position, see the following information:

4WD HI

This range is the default operating mode for daily use.

N (NEUTRAL)

This range disengages the driveline from the powertrain. It is used for towing your vehicle behind another vehicle ⇨ page 163.

WARNING!

You or others could be injured or killed if you leave the vehicle unattended with the transfer case in the N (Neutral) position without first fully engaging the parking brake. The transfer case N (Neutral) position disengages both the front and rear drive shafts from the powertrain and will allow the vehicle to roll, even if the transmission is in PARK. The parking brake should always be applied when the driver is not in the vehicle.

4WD LOW

This range is for low speed four-wheel drive. It provides an additional gear reduction which allows for increased torque to be delivered to both the front and rear wheels while providing maximum pulling power for loose, slippery road surfaces. Do not exceed 25 mph (40 km/h).

SHIFTING PROCEDURES

4WD HI To 4WD LOW

With the vehicle at speeds of 0 to 3 mph (0 to 5 km/h), the ignition switch in the ON position or the engine running, shift the transmission into NEUTRAL (N), and push and hold the 4WD LOW button once on the transfer case switch until the 4WD LOW indicator light begins to flash in the instrument cluster. The 4WD LOW light will remain on solid when the shift is complete.

4WD LOW Button

NOTE:

If shift conditions/interlocks are not not met a message will show on the instrument cluster display with instructions required to complete the shift ⇨ page 88.

4WD LOW To 4WD HI

With the vehicle at speeds of 0 to 3 mph (0 to 5 km/h), the ignition switch in the ON position or the engine running, shift the transmission into NEUTRAL (N), and push the 4WD LOW button once on the transfer case switch until the 4WD LOW indicator light begins to flash in the instrument cluster. The 4WD LOW light will go out when the shift is complete.

NOTE:

- If shift conditions/interlocks are not not met a message will show on the instrument cluster display with instructions required to complete the shift ⇨ page 88.
- Shifting into or out of 4WD LOW is possible with the vehicle completely stopped; however, difficulty may occur due to the mating clutch teeth not being properly aligned. Several attempts may be required for clutch teeth alignment and shift completion to occur. The preferred method is with the vehicle rolling 0 to 3 mph (0 to 5 km/h). If the vehicle is moving faster than 3 mph (5 km/h), the transfer case will not allow the shift.

QUADRA-DRIVE II SYSTEM — IF EQUIPPED

The Quadra-Drive II System features two torque transfer couplings. The couplings include an Electronic Limited-Slip Differential (ELSD) rear axle and the Quadra-Trac II transfer case. The ELSD axle is fully automatic and requires no driver input to operate. Under normal driving conditions, the unit functions as a standard axle, balancing torque evenly between left and right wheels. With a traction difference between left and right wheels, the coupling will sense a speed difference. As one wheel begins to spin faster than the other, torque will automatically transfer from the wheel that has less traction, to the wheel that has traction. While the transfer case and axle coupling differ in design, their operation is similar. Follow the Quadra-Trac II transfer case shifting information, preceding this section, for shifting this system.

SELEC-TERRAIN — IF EQUIPPED

SELEC-TERRAIN MODE SELECTION

Selec-Terrain combines the capabilities of the vehicle control systems, along with driver input, to provide the best performance for all terrains. Tap the toggle up or down to cycle through the positions.

Selec-Terrain

1 — Selec-Terrain Positions
2 — Selec-Terrain Toggle

Selec-Terrain consists of the following positions:

- **ROCK** (if equipped) – Off-road calibration is only available in 4WD LOW. The vehicle is raised (if equipped with Air Suspension) for improved ground clearance. Traction-based tuning with improved steerability for use on high traction off-road surfaces. Use for low speed obstacles such as large rocks, deep ruts, etc. If equipped with air suspension, the vehicle level will change to Off-Road 2

(OR2). If the Selec-Terrain switch is in ROCK mode, and the transfer case is switched from 4WD LOW to 4WD HI, the Selec-Terrain system will return to AUTO.

- **SAND/MUD** (if equipped) – Off-road calibration for use on low traction surfaces such as mud or sand. Driveline is maximized for traction. Some binding may be felt on less forgiving surfaces. The electronic brake controls are set to limit traction control management of throttle and wheel spin. If equipped with air suspension, the level will change to Off-Road 1 (OR1).
- **SNOW** – Tuning set for additional stability in inclement weather. Use on and off road on loose traction surfaces such as snow. When in SNOW mode (depending on certain operating conditions), the transmission may use SECOND gear (rather than FIRST gear) during launches, to minimize wheel slippage. If equipped with air suspension, the default ride height for SNOW is Normal Ride Height (NRH).
- **AUTO** – Fully automatic full-time four-wheel drive operation can be used on and off road. Balances traction with seamless steering feel to provide improved handling and acceleration over two-wheel drive vehicles. If equipped with air suspension, the level will change to Normal Ride Height (NRH).
- **SPORT** – This mode alters the transmission's automatic shift schedule for sportier driving. Upshift speeds are increased to make full use of available engine power. Steering efforts are modified for sporty driving. If equipped with air suspension, the level will change to Aero Height.

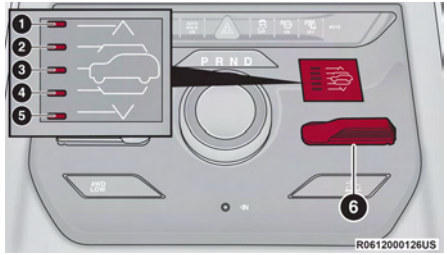
INSTRUMENT CLUSTER DISPLAY MESSAGES

When the appropriate conditions exist, a message will appear in the instrument cluster ⇨ page 88.

QUADRA-LIFT — IF EQUIPPED

DESCRIPTION

The Quadra-Lift Air Suspension system provides full-time load leveling capability along with the benefit of vehicle height adjustment by a toggle switch. The vehicle will automatically raise and lower the ride height to adapt to the appropriate driving conditions. At higher speeds, the vehicle will lower to an aerodynamic ride height and when operating in off-road modes (if equipped), the vehicle will raise the ride height accordingly. The buttons near the terrain switch in the center console area can be used to set preferred ride height to match the appropriate conditions.



Quadra-Lift Switch

1 — Off-Road 2 Indicator Light (Customer Selectable, 4x4 only)
2 — Off-Road 1 Indicator Light (Customer Selectable, 4x4 only)
3 — Normal Ride Height Indicator Light (Customer Selectable)
4 — Aero Height Indicator Light (Customer Selectable)
5 — Entry/Exit Height Indicator Light (Customer Selectable)
6 — Toggle Switch

- **Normal Ride Height (NRH)** – This is the standard position of the suspension and is meant for normal driving.
- **Off-Road 1 (OR1) (Raises the vehicle approximately 1.2 inches [30 mm])** – This is the primary position for all off-road driving until OR2 is needed. A smoother and more comfortable ride will result. Push the toggle switch forward once from the NRH position while the vehicle speed is below 38 mph (61 km/h). When in the OR1 + Sand mode position, height will be maintained if speed is below 59 mph (95 km/h) and then it will lower to NRH. When in the

OR1 position only, if the vehicle speed remains between 40 mph (64 km/h) and 50 mph (80 km/h) for greater than 20 seconds or if the vehicle speed exceeds 50 mph (80 km/h), the vehicle will be automatically lowered to NRH ⇨ page 167. OR1 is unavailable on 4x2 air suspension vehicles.

- **Off-Road 2 (OR2) (Raises the vehicle approximately 2.0 inches [51 mm])** – This position is intended for off-roading use only where maximum ground clearance is required. To enter OR2, push the toggle switch forward twice from the NRH position or once from the OR1 position while vehicle speed is below 20 mph (32 km/h). While in OR2, if the vehicle speed exceeds 25 mph (40 km/h) the vehicle height will be automatically lowered to OR1 ⇨ page 167. OR2 is unavailable on 4x2 air suspension vehicles.
- **Aero Height (Lowers the vehicle approximately -0.6 inches [-15 mm])** – This position provides improved aerodynamics by lowering the vehicle. The vehicle will automatically enter Aero Height when the vehicle speed remains between 62 mph (100 km/h) and 66 mph (106 km/h) for greater than 20 seconds or if the vehicle speed exceeds 66 mph (106 km/h). The vehicle will return to Default Ride Height from Aero Height if the vehicle speed remains between 30 mph (48 km/h) and 35 mph (56 km/h) for greater than 20 seconds or if the vehicle speed falls below 30 mph (48 km/h). The vehicle will enter Aero Height, regardless of vehicle speed if the vehicle is in “SPORT” mode.
- **Entry/Exit Height (Lowers the vehicle approximately -1.6 inches [-40 mm])** – This position lowers the vehicle for easier passenger entry and exit as well as lowering the rear of the vehicle for easier loading and unloading of cargo. To enter Entry/Exit Height, push the toggle switch down twice from NRH while the vehicle speed is below 6 mph (10 km/h). To exit Entry/Exit Height, push the UP button once while in Entry/Exit Height or drive the vehicle over 4 mph (6 km/h).

NOTE:

Automatic lowering of the vehicle into Entry/Exit Height can be enabled through the Uconnect Touchscreen Radio. If this feature is enabled, the vehicle will only lower if the gear selector is in PARK, the terrain switch is in AUTO, the transfer case is in AUTO and the vehicle level is either in Normal or Aero Height. The vehicle will not automatically lower if the air suspension level is in OR2 or OR1. When towing, the automatic Entry/Exit feature may be disabled through the Uconnect Touchscreen Radio to prevent vehicle and trailer movement when gear selector is moved to PARK.

The Selec-Terrain system will automatically change the vehicle to the proper height based on the position of the Selec-Terrain switch. The height can be changed from the default Selec-Terrain setting by normal use of the air suspension buttons ⇨ page 117.

The system requires that the engine be running for all changes. When lowering the vehicle all of the doors, including the liftgate, must be closed. If a door is opened at any time while the vehicle is lowering the change will not be completed until the open door(s) is/are closed.

The Quadra-Lift Air Suspension system uses a lifting and lowering pattern which keeps the headlights from incorrectly shining into oncoming traffic. When raising the vehicle, the rear of the vehicle will move up first and then the front. When lowering the vehicle, the front will move down first and then the rear.

After the engine is turned off, it may be noticed that the air suspension system operates briefly; this is normal. The system is correcting the position of the vehicle to ensure a proper appearance.

To assist with changing a spare tire, the Quadra-Lift Air Suspension system has a feature which allows the automatic leveling to be disabled ⇨ page 170.

Default Ride Height:

- Select Aero Height or Normal Ride Height as the default for all vehicle speeds and operation. This is the selected height that the suspension will level for speed changes (e.g. raising from Entry/Exit Height at speed, lowering from Off Road Height at speed, etc.).
- Default ride height can be changed by manually adjusting the Quadra-Lift switch to Normal Ride Height or Aero Ride Height and stay in the selected height for 2.5 seconds. It will be stored as the default ride height and the height will be maintained until a new default ride height is selected.

NOTE:

If equipped with a Uconnect Touchscreen Radio, all enabling/disabling of air suspension features must be done through the radio ⇨ page 170.

WARNING!
The air suspension system uses a high pressure volume of air to operate the system. To avoid personal injury or damage to the system, see an authorized dealer for service.

AIR SUSPENSION MODES

The Air Suspension system has multiple modes to protect the system in unique situations:

Tire/Jack Mode

To assist with changing a spare tire, the air suspension system has a feature which allows the automatic leveling to be disabled ⇨ page 170. Tire/Jack mode is used for connecting a trailer with a weight-distributing hitch ⇨ page 155.

NOTE:

This mode is intended to be enabled with the engine running.

Auto Entry/Exit Mode

To assist with entering and exiting the vehicle, the air suspension system has a feature which automatically lowers the vehicle to Entry/Exit Height ⇨ page 170.

NOTE:

This mode is intended to be enabled with the engine running. When towing, the automatic Entry/Exit feature may be disabled through the Uconnect Touchscreen Radio to prevent vehicle and trailer movement when the gear selector is moved to PARK.

Transport Mode

To assist with flatbed towing, the air suspension system has a feature which will put the vehicle into Entry/Exit Height and disable the automatic load leveling system ⇨ page 170.

NOTE:

This mode is intended to be enabled with engine running.

Suspension Display Messages Mode

The “Suspension Display Messages” setting allows you to only display suspension warnings instead of all suspension messages (i.e., “Normal Height Achieved”) ⇨ page 170.

NOTE:

This mode is intended to be enabled with the engine running.

Wheel Alignment Mode

Before performing a wheel alignment this mode must be enabled which will move the vehicle to Normal Ride Height and disable the air suspension during the alignment ⇨ page 170.

NOTE:

This mode is intended to be enabled with the engine running.

If equipped with a Uconnect Touchscreen Radio, all enabling/disabling of air suspension features must be done through the radio ⇨ page 170.

INSTRUMENT CLUSTER DISPLAY MESSAGES

When the appropriate conditions exist, a message will appear in the instrument cluster ⇨ page 88.

OPERATION

The indicator lights 1 through 5 will illuminate to show the current position of the vehicle. Flashing indicator lights will show a position which the system is working to achieve. When raising, if multiple indicator lights are flashing while raising, the highest flashing indicator light is the position the system is working to achieve. When lowering, if multiple indicators are flashing while lowering the lowest solid indicator light is the position the system is working to achieve.

Toggling up once moves the suspension one position higher from the current position, assuming all conditions are met (i.e., engine running, speed below threshold, etc.). Toggle up can be pushed multiple times. Each toggle up will raise the requested level by one position up to a maximum position of OR2 or the highest position allowed based on current conditions (i.e., vehicle speed, etc.).

Toggling down once moves the suspension one position lower from the current level, assuming all conditions are met (i.e., engine running, doors closed, speed below threshold, etc.). Toggle down can be pushed multiple times. Each toggle down will lower the requested level by one position down to a minimum of Park mode or the lowest position allowed based on current conditions (i.e., vehicle speed, etc.)

Automatic height changes will occur based on vehicle speed and the current vehicle height. The indicator lights and instrument cluster display messages will operate the same for automatic changes and user requested changes.

- Off-Road 2 (OR2) – Indicator lights 1 through 5 will be illuminated.
- Off-Road 1 (OR1) – Indicator lights 2 through 5 will be illuminated.
- Normal Ride Height (NRH) – Indicator lights 3 through 5 will be illuminated.
- Aero Height – Indicator lights 4 and 5 will be illuminated.
- Entry/Exit Height – Indicator light 5 will be illuminated.

- Transport Mode – No indicator lights will be illuminated. Driving or deselecting the mode in the Uconnect system will disable Transport mode.
- Tire/Jack Mode – Indicator lights 1 and 5 will be illuminated. Driving or deselecting the mode in the Uconnect system will disable Tire/Jack mode.
- Wheel Alignment Mode – Indicator lights 4 and 5 will be illuminated. Driving or deselecting the mode in the Uconnect system will disable Wheel Alignment mode.

POWER STEERING

The electric power steering system will provide increased vehicle response and ease of maneuverability. The electric power steering system adapts to different driving conditions.

WARNING!
Continued operation with reduced assist could pose a safety risk to yourself and others. Service should be obtained as soon as possible.

NOTE:

Alternate electric power steering efforts can be selected through the Uconnect System ⇨ page 170.

If the Electric Power Steering warning icon is displayed and the “SERVICE POWER STEERING” or the “POWER STEERING ASSIST OFF – SERVICE SYSTEM” message is displayed within the instrument cluster display, this indicates the vehicle needs to be taken to an authorized dealer for service ⇨ page 96.

NOTE:

- Even if the power steering assistance is no longer operational, it is still possible to steer the vehicle. Under these conditions there will be a substantial increase in steering effort, especially at low speeds and during parking maneuvers.
- If the condition persists, see an authorized dealer for service.

If the Steering icon is displayed and the “POWER STEERING SYSTEM OVER TEMP” message is displayed on the instrument cluster screen, they indicate that extreme steering maneuvers may have occurred which caused an over temperature condition in the electric power steering system. Once driving conditions are safe, pull over and let the vehicle idle for a few moments until the icon and message turn off.

STOP/START SYSTEM — IF EQUIPPED

The Stop/Start function is developed to reduce fuel consumption. The system will stop the engine automatically during a vehicle stop if the required conditions are met. Releasing the brake pedal or pressing the accelerator pedal will automatically restart the engine.

This vehicle has been upgraded with a heavy-duty starter, enhanced battery, and other upgraded engine parts, to handle the additional engine starts.

AUTOSTOP MODE

The Stop/Start feature is enabled after every normal customer engine start. At that time, the system will go into Stop/Start Ready.

To Activate The Autostop Mode, The Following Must Occur:

- The system must be in Stop/Start Ready state. A “Stop/Start Ready” message will be displayed in the instrument cluster display within the Stop/Start section ⇨ page 88.
- The vehicle must be completely stopped.
- The gear selector must be in a forward gear and the brake pedal pressed.

The engine will shut down, the tachometer will move to the zero position, and the Stop/Start telltale will illuminate indicating you are in Autostop. Customer settings will be maintained upon return to an engine-running condition.

POSSIBLE REASONS THE ENGINE DOES NOT AUTOSTOP

Prior to engine shut down, the system will check many safety and comfort conditions to see if they are fulfilled. Detailed information about the operation of the Stop/Start system may be viewed in the instrument cluster display Stop/Start Screen. In the following situations, the engine will not stop:

- Driver’s seat belt is not buckled.
- Driver’s door is not closed.
- Battery temperature is too warm or cold.
- Battery charge is low.
- The vehicle is on a steep grade.
- Cabin heating or cooling is in process and an acceptable cabin temperature has not been achieved.
- HVAC is set to full defrost mode at a high blower speed.
- HVAC is set to MAX A/C.

- Engine has not reached normal operating temperature.
- The transmission is not in a forward gear.
- Hood is open.
- Vehicle is in 4WD LOW.
- Brake pedal is not pressed with sufficient pressure.
- Accelerator pedal input.
- Engine temperature is too high.
- 5 mph (8 km/h) threshold has not been achieved from previous Autostop.
- Steering angle is beyond threshold.
- A Stop/Start system error occurs.
- Stop/Start OFF switch is pushed.
- Vehicle is in high altitude.

It may be possible for the vehicle to be driven several times without the Stop/Start system going into a STOP/START READY state under more extreme conditions of the items previously listed.

TO START THE ENGINE WHILE IN AUTOSTOP MODE

While in a forward gear, the engine will start when the brake pedal is released or the throttle pedal is pressed. The transmission will automatically re-engage upon engine restart.

Conditions That Will Cause The Engine To Start Automatically While In Autostop Mode:

- The transmission selector is moved out of DRIVE.
- To maintain cabin temperature comfort.
- HVAC is set to full defrost mode.
- HVAC system temperature or fan speed is manually adjusted.
- Battery voltage drops too low.
- Stop/Start OFF switch is pushed.
- A Stop/Start system error occurs.
- 4WD system is put into 4WD LOW or N (Neutral).
- Steering angle is beyond threshold.

TO MANUALLY TURN OFF THE STOP/START SYSTEM

Push the Stop/Start OFF switch (located on the switch bank). The light on the switch will illuminate. The “STOP/START OFF” message will appear in the instrument cluster display and the Autostop mode will be disabled ⇨ page 88.

Stop/Start OFF Switch

NOTE:

The Stop/Start system will reset itself back to the ON mode every time the ignition is turned OFF and back ON.

TO MANUALLY TURN ON THE STOP/START SYSTEM

Push the Stop/Start OFF switch (located on the switch bank). The light on the switch will turn off.

SYSTEM MALFUNCTION

If there is a malfunction in the Stop/Start system, the system will not shut down the engine. A "SERVICE STOP/START SYSTEM" message and a yellow Stop/Start telltale will appear in the instrument cluster display ⇨ page 88.

If the “SERVICE STOP/START SYSTEM” message appears in the instrument cluster display, have the system checked by an authorized dealer.

CRUISE CONTROL SYSTEMS — IF EQUIPPED

Your vehicle may be equipped with the Cruise Control system, or the Adaptive Cruise Control (ACC) system:

- Cruise Control will keep your vehicle at a constant preset speed.
- Adaptive Cruise Control (ACC) will adjust the vehicle speed up to the preset speed to maintain a distance with the vehicle ahead.

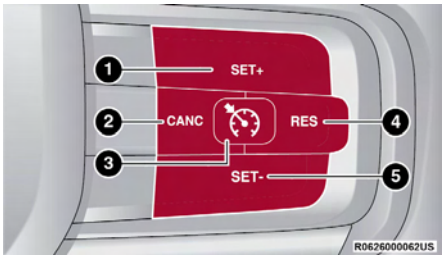
NOTE:

In vehicles equipped with ACC, if ACC is not enabled, Fixed Speed Cruise Control will not detect vehicles directly ahead of you. Only one Cruise Control feature can operate at a time.

CRUISE CONTROL

When engaged, the Cruise Control takes over accelerator operations at speeds greater than 20 mph (32 km/h).

The Cruise Control buttons are located on the right side of the steering wheel.



Cruise Control Buttons

1 — SET (+)/Accel
2 — CANC/Cancel
3 — On/Off
4 — RES/Resume
5 — SET (-)/Decel

WARNING!

Cruise Control can be dangerous where the system cannot maintain a constant speed. Your vehicle could go too fast for the conditions, and you could lose control and have an accident. Do not use Cruise Control in heavy traffic or on roads that are winding, icy, snow-covered or slippery.

To Activate

Push the on/off button to activate the Cruise Control. “Cruise Control Ready” will appear in the instrument cluster display to indicate the Cruise Control is on. To turn the system off, push the on/off button a second time. “Cruise Control Off” will appear in the instrument cluster display to indicate the Cruise Control is off. The system should be turned off when not in use.

WARNING!

Leaving the Cruise Control system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have an accident. Always ensure the system is OFF when you are not using it.

To Set A Desired Speed

Turn the Cruise Control on. When the vehicle has reached the desired speed, push the SET (+) or SET (-) button and release. Release the accelerator and the vehicle will operate at the selected speed. Once a speed has been set, a message “Cruise Control Set To MPH (KM/H)” will appear indicating what speed was set. A cruise indicator light, along with set speed, will also appear and stay on in the instrument cluster when the speed is set.

To Vary The Speed Setting

To Increase Or Decrease The Set Speed

When the Cruise Control is set, you can increase speed by pushing the SET **(+)** button, or decrease speed by pushing the SET **(-)** button.

U.S. Speed (mph)

- Pushing the SET **(+)**, or SET **(-)** button once will result in a 1 mph speed adjustment. Each subsequent tap of the button results in an adjustment of 1 mph.
- If the button is continually pushed, the set speed will continue to adjust in 5 mph increments until the button is released. The new set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET **(+)**, or SET **(-)** button once will result in a 1 km/h speed adjustment. Each subsequent tap of the button results in an adjustment of 1 km/h.
- If the button is continually pushed, the set speed will continue to adjust in 10 km/h increments until the button is released. The new set speed is reflected in the instrument cluster display.

To Accelerate For Passing

While the Cruise Control is set, press the accelerator to pass as you would normally. When the pedal is released, the vehicle will return to the set speed.

USING CRUISE CONTROL ON HILLS

The transmission may downshift on hills to maintain the vehicle set speed.

The Cruise Control system maintains speed up and down hills. A slight speed change on moderate hills is normal. On steep hills, a greater speed loss or gain may occur so it may be preferable to drive without Cruise Control.

WARNING!

Cruise Control can be dangerous where the system cannot maintain a constant speed. Your vehicle could go too fast for the conditions, and you could lose control and have an accident. Do not use Cruise Control in heavy traffic or on roads that are winding, icy, snow-covered or slippery.

To Resume Speed

To resume a previously set speed, push the RES button and release. Resume can be used at any speed above 20 mph (32 km/h).

To Deactivate

A tap on the brake pedal, pushing the CANC button, or normal brake pressure while slowing the vehicle will deactivate the Cruise Control system without erasing the set speed from memory.

The following conditions will also deactivate the Cruise Control without erasing the set speed from memory:

- Vehicle parking brake is applied
- Stability event occurs
- Gear selector is moved out of DRIVE
- Engine overspeed occurs

Pushing the on/off button or placing the ignition in the OFF position, will also erase the set speed from memory.

ADAPTIVE CRUISE CONTROL (ACC)

Adaptive Cruise Control (ACC) increases the driving convenience provided by Cruise Control while traveling on highways and major roadways. However, it is not a safety system and not designed to prevent collisions. **The Cruise Control function performs differently** **⇨ page 122.**

ACC will allow you to keep Cruise Control engaged in light to moderate traffic conditions without the constant need to reset your Cruise Control. ACC utilizes a radar sensor and a forward facing camera designed to detect a vehicle directly ahead of you.

NOTE:

- If the ACC sensor detects a vehicle ahead, ACC will apply limited braking or acceleration (not to exceed the original set speed) automatically to maintain a preset following distance, while matching the speed of the vehicle ahead.
- Any chassis/suspension or tire size modifications to the vehicle will affect the performance of the Adaptive Cruise Control and Forward Collision Warning system.
- In vehicles **NOT** equipped with the Active Driving Assist system, Fixed Speed Cruise Control (ACC not enabled) will not detect vehicles directly ahead of you. Always be aware of the feature selected.

WARNING!

- Adaptive Cruise Control (ACC) is a convenience system. It is not a substitute for active driver involvement. It is always the driver's responsibility

(Continued)

WARNING!

to be attentive of road, traffic, and weather conditions, vehicle speed, distance to the vehicle ahead and, most importantly, brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.

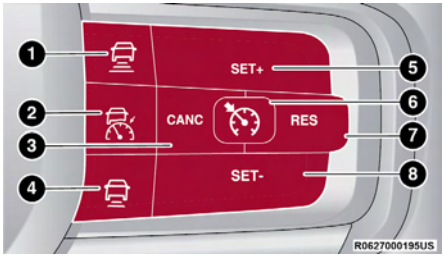
- The ACC system:
  - Does not react to pedestrians, oncoming vehicles, and stationary objects (e.g., a stopped vehicle in a traffic jam or a disabled vehicle).
  - Cannot take street, traffic, and weather conditions into account, and may be limited upon adverse sight distance conditions.
  - Does not always fully recognize complex driving conditions, which can result in wrong or missing distance warnings.
  - Will bring the vehicle to a complete stop and hold the vehicle in the stop position for approximately 10 minutes when following a vehicle ahead. If the vehicle ahead does not start moving within 10 minutes, the parking brake will be activated, and the ACC system will be canceled.
- You should not utilize the ACC system:
  - When driving in fog, heavy rain, heavy snow, sleet, heavy traffic, and complex driving situations (i.e., in highway construction zones).
  - When entering a turn lane or highway off-ramp; when driving on roads that are winding, icy, snow-covered, slippery, or have steep uphill or downhill slopes.
  - When towing a trailer up or down steep slopes.

(Continued)

WARNING!
○ When circumstances do not allow safe driving at a constant speed.

Adaptive Cruise Control (ACC) Operation

The buttons on the right side of the steering wheel operate the ACC system.



Adaptive Cruise Control Buttons

1 — Distance Increase Button
2 — Adaptive Cruise Control (ACC) On/Off
3 — CANC/Cancel
4 — Distance Decrease Button
5 — SET (+)/Accel
6 — Fixed Speed Cruise Control On/Off (If Equipped)
7 — RES/Resume
8 — SET (-)/Decel

Driving Assist Menu

The instrument cluster display will show the current system settings for Adaptive Cruise Control (ACC), Active Lane Management (ALM), and the Active Driving Assist (ADA) system. The information it displays depends on ACC, ALM, and ADA system statuses.

Push the Adaptive Cruise Control (ACC) on/off button once and the following will appear in the instrument cluster display:

Adaptive Cruise Control Off

When ACC is deactivated, the display will read “Adaptive Cruise Control Off”.

Adaptive Cruise Control Ready

When ACC is activated but the vehicle speed setting has not been selected, the display will read “Adaptive Cruise Control Ready.”

Adaptive Cruise Control Set

When the SET (+) or the SET (-) button is pushed, the display will read “ACC SET”.

When ACC is set, the set speed will show in the instrument cluster display.

The ACC screen may display once again if any of the following ACC activity occurs:

- System Cancel
- Driver Override
- System Off
- ACC Proximity Warning
- ACC Unavailable Warning

The instrument cluster display will return to the last display selected after five seconds of no ACC display activity.

Activating Adaptive Cruise Control (ACC)

The minimum set speed for the ACC system is 19 mph (30 km/h).

When the system is turned on and in the ready state, the instrument cluster display will read “ACC Ready.”

When the system is off, the instrument cluster display will read “Adaptive Cruise Control (ACC) Off.”

NOTE:

You cannot engage ACC under the following conditions:

- When in 4WD Low
- When the brakes are applied
- When the parking brake is applied
- When the automatic transmission is in PARK, REVERSE or NEUTRAL
- When the brakes are overheated
- When the driver’s door is open at low speeds
- When the driver’s seat belt is unbuckled at low speeds
- When there is a stationary vehicle in front of your vehicle in close proximity
- When ESC Full Off mode is active

To Activate/Deactivate

Push and release the Adaptive Cruise Control (ACC) on/off button. The ACC menu in the instrument cluster displays “ACC Ready.”

To turn the system off, push and release the Adaptive Cruise Control (ACC) on/off button again. At this time, the system will turn off and the instrument cluster displays “Adaptive Cruise Control (ACC) Off.”

WARNING!

Leaving the Adaptive Cruise Control (ACC) system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have a collision. Always leave the system off when you are not using it.

To Set A Desired Speed

When the vehicle reaches the speed desired, push the SET (+) button or the SET (-) button and release. The instrument cluster display will show the set speed.

NOTE:

Fixed Speed Cruise Control (if equipped) can be used without ACC enabled. To change between the different modes, push the ACC on/off button which turns the ACC and the Fixed Speed Cruise Control off. Pushing the Fixed Speed Cruise Control on/off button will result in turning on (changing to) Fixed Speed Cruise Control mode.

WARNING!

In Fixed Speed Cruise Control mode, the system will not react to vehicles ahead. In addition, the proximity warning does not activate and no alarm will sound even if you are too close to the vehicle ahead since neither the presence of the vehicle ahead nor the vehicle-to-vehicle distance is detected. Be sure to maintain a safe distance between your vehicle and the vehicle ahead. Always be aware which mode is selected.

If ACC is set when the vehicle speed is **below** 19 mph (30 km/h), the set speed will default to 19 mph (30 km/h).

NOTE:

Fixed Speed Cruise Control cannot be set below 19 mph (30 km/h).

If either system is set when the vehicle speed is **above** 19 mph (30 km/h), the set speed shall be the current speed of the vehicle.

NOTE:

- Keeping your foot on the accelerator pedal can cause the vehicle to continue to accelerate beyond the set speed. If this occurs, the message “Driver Override” will display in the instrument cluster display.
- If you continue to accelerate beyond the set speed while ACC is enabled, the system will not be controlling the distance between your vehicle and the vehicle ahead. The vehicle speed will only be determined by the position of the accelerator pedal.

To Cancel

The following conditions cancel the ACC or Fixed Speed Cruise Control systems:

- The brake pedal is applied
- The CANC (cancel) button is pushed
- The Anti-Lock Brake System (ABS) activates
- The gear selector is removed from the DRIVE position
- The Electronic Stability Control/Traction Control System (ESC/TCS) activates
- The vehicle parking brake is applied
- The Trailer Sway Control (TSC) activates
- The driver switches ESC to Full Off mode
- The braking temperature exceeds normal range (overheated)

The following conditions will only cancel the ACC system:

- Driver seat belt is unbuckled at low speeds
- Driver door is opened at low speeds

To Turn Off

The system will turn off and erase the set speed in memory if:

- The Adaptive Cruise Control (ACC) on/off button is pushed
- The Fixed Speed Cruise Control (if equipped) on/off button is pushed
- The ignition is placed in the OFF position
- 4WD Low is engaged

To Resume

If there is a set speed in memory, push the RES (resume) button and remove your foot from the accelerator pedal. The instrument cluster display will show the last set speed.

Resume can be used at any speed above 20 mph (32 km/h) when only Fixed Speed Cruise Control is being used.

Resume can be used at any speed above 0 mph (0 km/h) when ACC is active.

NOTE:

- While in ACC mode, when the vehicle comes to a complete stop longer than two seconds, the driver will either have to push the RES (resume) button or press the accelerator pedal to reengage the ACC system.
- ACC cannot be resumed if there is a stationary vehicle in front of your vehicle in close proximity.

WARNING!
The Resume function should only be used if traffic and road conditions permit. Resuming a set speed that is too high or too low for prevailing traffic and road conditions could cause the vehicle to accelerate or decelerate too sharply for safe operation. Failure to follow these warnings can result in a collision and death or serious personal injury.

To Vary The Speed Setting

To Increase Or Decrease The Set Speed

After setting a speed, you can increase the set speed by pushing the SET (+) button, or decrease speed by pushing the SET (-) button.

U.S. Speed (mph)

- Pushing the SET (+), or SET (-) button once will result in a 1 mph speed adjustment. Each subsequent tap of the button results in an adjustment of 1 mph.
- If the button is continually pushed, the set speed will continue to adjust in 5 mph increments until the button is released. The new set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET (+), or SET (-) button once will result in a 1 km/h speed adjustment. Each subsequent tap of the button results in an adjustment of 1 km/h.
- If the button is continually pushed, the set speed will continue to adjust in 10 km/h increments until the button is released. The new set speed is reflected in the instrument cluster display.

NOTE:

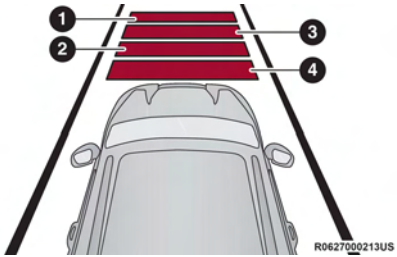
When you override and push the SET (+) button or SET (-) button, the new set speed will be the current speed of the vehicle.

When ACC Is Active

- When you use the SET (-) button to decelerate, if the engine's braking power does not slow the vehicle sufficiently to reach the set speed, the brake system will automatically slow the vehicle.
- The ACC system decelerates the vehicle to a full stop when following the vehicle in front. If your vehicle follows the vehicle in front to a standstill, after two seconds the driver will either have to push the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing set speed.
- The ACC system maintains set speed when driving uphill and downhill. However, a slight speed change on moderate hills is normal. In addition, downshifting may occur while climbing uphill or descending downhill. This is normal operation and necessary to maintain set speed. When driving uphill and downhill, the ACC system will cancel if the braking temperature exceeds normal range (overheated).

Setting The Following Distance In ACC

The specified following distance for ACC can be set by varying the distance setting between four bars (longest), three bars (long), two bars (medium) and one bar (short). Using this distance setting and the vehicle speed, ACC calculates and sets the distance to the vehicle ahead. This distance setting appears in the instrument cluster display.



Distance Settings

1 — Longest Distance Setting (Four Bars)
2 — Medium Distance Setting (Two Bars)
3 — Long Distance Setting (Three Bars)
4 — Short Distance Setting (One Bar)

To increase the distance setting, push the Distance Increase button and release. Each time the button is pushed, the distance setting increases by one bar (longer).

To decrease the distance setting, push the Distance Decrease button and release. Each time the button is pushed, the distance setting decreases by one bar (shorter).

If there is no vehicle ahead, the vehicle will maintain the set speed. If a slower moving vehicle is detected in the same lane, the instrument cluster display will show the ACC Set With Target Detected Indicator Light, and the system will adjust the vehicle speed automatically to maintain the distance setting, regardless of the set speed.

The vehicle will then maintain the set distance until:

- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of your lane or view of the sensor.
- The distance setting is changed.
- The system disengages ⇨ page 125.

The maximum braking applied by ACC is limited; however, the driver can always apply the brakes manually, if necessary.

NOTE:

The brake lights will illuminate whenever the ACC system applies the brakes.

A Proximity Warning will alert the driver if ACC predicts that its maximum braking level is not sufficient to maintain the set distance. If this occurs, a visual alert "BRAKE!" will flash in the instrument cluster display and a chime will sound while ACC continues to apply its maximum braking capacity.

NOTE:

The "BRAKE!" screen in the instrument cluster display is a warning for the driver to take action and does not necessarily mean that the Forward Collision Warning system is applying the brakes autonomously.

Overtake Aid

When driving with Adaptive Cruise Control (ACC) engaged and following a vehicle, the system will provide an additional acceleration up to the ACC set speed to assist with passing the vehicle. In locations with left hand drive traffic, an additional acceleration is triggered when the driver utilizes the left turn signal and will only be active when passing on the left hand side. In locations with right hand drive traffic, an additional acceleration is triggered when the driver utilizes the right turn signal and will only be active when passing on the right side.

NOTE:

When the vehicle transitions from a location with left hand drive traffic to a location with right hand drive traffic or vice versa, the ACC system will automatically detect the direction of traffic.

ACC Operation At Stop

If the ACC system brings your vehicle to a standstill while following a vehicle ahead, your vehicle will resume motion, without any driver interaction, if the vehicle ahead starts moving within two seconds of your vehicle coming to a standstill.

If the vehicle in front does not start moving within two seconds of your vehicle coming to a standstill, the driver will either have to push the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing set speed.

NOTE:

- If your vehicle is at a standstill for longer than two seconds, the system will hold brake pressure for up to 10 minutes. If no driver action is taken after the 10 minutes, the Electric Park Brake will be applied and the ACC system will cancel.
- While ACC is holding your vehicle at a standstill (or the vehicle is traveling below 3 mph (5 km/h), and the driver seat belt is unbuckled or the driver door is opened, the Electric Park Brake will be applied and the ACC system will cancel.

WARNING!
When the ACC system is resumed, the driver must ensure that there are no pedestrians, vehicles or objects in the path of the vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.

Display Warnings And Maintenance

"WIPE FRONT RADAR SENSOR IN FRONT OF VEHICLE" WARNING

The "ACC Unavailable Wipe Front Radar Sensor" warning will display and a chime will sound when conditions temporarily limit system performance.

This most often occurs at times of poor visibility, such as in snow or heavy rain. The ACC system may also become temporarily blinded due to obstructions, such as mud, dirt or ice. In these cases, the instrument cluster display will display this message and the system will deactivate.

This message can sometimes be displayed while driving in highly reflective areas (i.e. ice and snow, or tunnels with reflective tiles). The ACC system will recover after the vehicle has left these areas. Under rare conditions, when the radar is not tracking any vehicles or objects in its path this warning may temporarily occur.

NOTE:

If the “ACC Unavailable Wipe Front Radar Sensor” warning is active, Fixed Speed Cruise Control is still available.

If weather conditions are not a factor, the driver should examine the sensor. It may require cleaning or removal of an obstruction. The sensor is located in the center of the vehicle behind the lower grille.

To keep the ACC System operating properly, it is important to note the following maintenance items:

- Always keep the sensor clean. Carefully wipe the sensor lens with a soft cloth. Be cautious not to damage the sensor lens.
- Do not remove any screws from the sensor. Doing so could cause an ACC system malfunction or failure and require a sensor realignment.
- If the sensor or front end of the vehicle is damaged due to a collision, see your authorized dealer for service.
- Do not attach or install any accessories near the sensor, including transparent material or aftermarket grilles. Doing so could cause an ACC system failure or malfunction.

When the condition that deactivated the system is no longer present, the system will return to the “Adaptive Cruise Control Off” state and will resume function by simply reactivating it.

NOTE:

- If the “ACC Unavailable Wipe Front Radar Sensor” message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstructions, have the radar sensor realigned at an authorized dealer.
- Installing a snowplow, front-end protector, an aftermarket grille or modifying the grille is not recommended. Doing so may block the sensor and inhibit ACC operation.

“CLEAN FRONT WINDSHIELD” WARNING

The “ACC Limited Functionality Clean Front Windshield” warning will display, and a chime will sound when conditions temporarily limit system performance. This most often occurs at times of poor visibility, such as in snow or heavy rain and fog. The ACC system may also become temporarily blinded due to obstructions, such as mud, dirt, or ice on windshield and fog on the inside of glass. In these cases, the instrument cluster display will read “ACC Limited Functionality Clean Front Windshield” and the system will have degraded performance.

This message can sometimes be displayed while driving in adverse weather conditions. The ACC system will recover after the vehicle has left these areas. Under rare conditions, when the camera is not tracking any vehicles or objects in its path this warning may temporarily occur.

If weather conditions are not a factor, the driver should examine the windshield and the camera located on the back side of the inside rearview mirror. They may require cleaning or removal of an obstruction.

When the condition that created limited functionality is no longer present, the system will return to full functionality.

NOTE:

If the “ACC Limited Functionality Clean Front Windshield” message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstructions, have the windshield and forward facing camera inspected at an authorized dealer.

SERVICE ACC WARNING

If the system turns off, and the instrument cluster display reads “ACC Unavailable Service Required” or “Cruise Unavailable Service Required”, there may be an internal system fault or a temporary malfunction that limits ACC functionality. Although the vehicle is still drivable under normal conditions, ACC will be temporarily unavailable. If this occurs, try activating ACC again later, following an ignition cycle. If the problem persists, see an authorized dealer.

Precautions While Driving With ACC

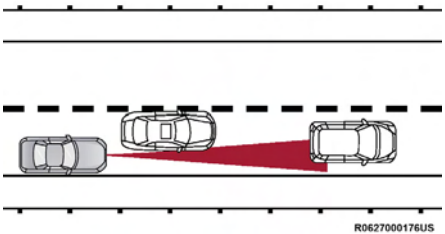
In certain driving situations, ACC may have detection issues. In these cases, ACC may brake late or unexpectedly. The driver needs to stay alert and may need to intervene. The following are examples of these types of situations:

TOWING A TRAILER

ACC while towing a trailer is recommended only with an Integrated Trailer Brake Controller. Aftermarket trailer brake controllers will not activate the trailer brakes when ACC is braking.

OFFSET DRIVING

ACC may not detect a vehicle in the same lane that is offset from your direct line of travel, or a vehicle merging in from a side lane. There may not be sufficient distance to the vehicle ahead. The offset vehicle may move in and out of the line of travel, which can cause your vehicle to brake or accelerate unexpectedly.



Offset Driving Condition Example

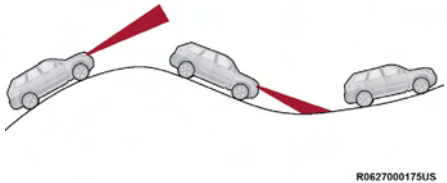
TURNS AND BENDS

When driving on a curve with ACC engaged, the system may increase or decrease the vehicle speed for stability, with no vehicle ahead detected. Once the vehicle is out of the curve, the system will resume your original set speed. This is a part of normal ACC system functionality.

NOTE:
On tight turns ACC performance may be limited.

USING ACC ON HILLS

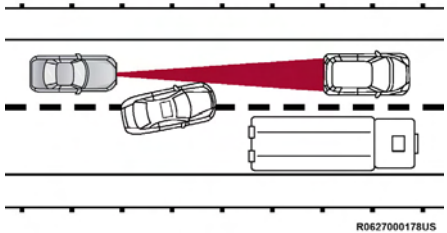
ACC performance may be limited when driving on hills. ACC may not detect a vehicle in your lane depending on the speed, vehicle load, traffic conditions, and the steepness of the hill.



ACC Hill Example

LANE CHANGING

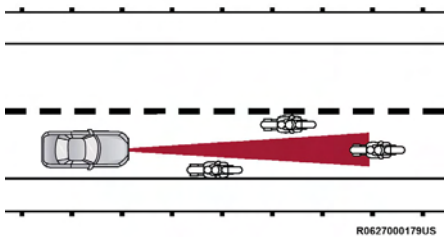
ACC may not detect a vehicle until it is completely in the lane in which you are traveling. In the following lane changing example, ACC has not yet detected the vehicle changing lanes and it may not detect the vehicle until it's too late for the ACC system to take action. ACC may not detect a vehicle until it is completely in the lane. There may not be sufficient distance to the lane-changing vehicle. Always be attentive and ready to apply the brakes if necessary.



Lane Changing Example

NARROW VEHICLES

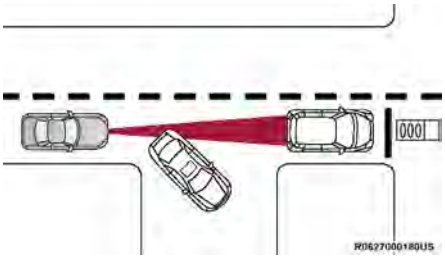
Some narrow vehicles traveling near the outer edges of the lane or edging into the lane are not detected until they have moved fully into the lane. There may not be sufficient distance to the vehicle ahead.



Narrow Vehicle Example

STATIONARY OBJECTS AND VEHICLES

ACC does not react to stationary objects or vehicles. For example, ACC will not react in situations where the vehicle you are following exits your lane and the vehicle ahead is stopped in your lane. It will consider this stopped vehicle a stationary object as it did not previously detect movement from it. Always be attentive and ready to apply the brakes if necessary.



Stationary Object And Stationary Vehicle Example

PARKSENSE FRONT/REAR PARK ASSIST SYSTEM — IF EQUIPPED

The ParkSense Park Assist system provides visual and audible indications of the distance between the rear and the front fascia/bumper and a detected obstacle when backing up or moving forward (e.g. during a parking maneuver). The vehicle brakes may be automatically applied and released when performing a reverse parking maneuver if the system detects a possible collision with an obstacle.

NOTE:

- The driver can disable the automatic braking function by turning ParkSense off via the ParkSense switch. The driver can also override automatic braking by changing the gear or by pressing the gas pedal over 90% of its capacity during the braking event.
- Automatic brakes are not available if the vehicle is in 4WD Low.
- Automatic brakes will not be available if there is a faulted condition detected with the ParkSense Park Assist system or the Braking System Module.
- The automatic braking function may only be applied if the vehicle deceleration is not enough to avoid colliding with a detected obstacle.
- The automatic braking function may not be applied fast enough for obstacles that move toward the rear of the vehicle from the left and/or right sides.
- The automatic braking function can be enabled/disabled from the Customer Programmable Features section of the Uconnect system.
- ParkSense will retain its last known configuration state for the automatic braking function through ignition cycles.

The automatic braking function is intended to assist the driver in avoiding possible collisions with detected obstacles when backing up in REVERSE gear.

NOTE:

- The system is designed to assist the driver and not to substitute the driver.
- The driver must stay in full control of the vehicle's acceleration and braking and is responsible for the vehicle's movements.

For limitations of this system and recommendations, see ⇨ page 136.

ParkSense will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition is changed to the ON/RUN position.

ParkSense can be active only when the gear selector is in REVERSE or DRIVE. If ParkSense is enabled at one of these gear selector positions, the system will remain active until the vehicle speed is increased to approximately 7 mph (11 km/h) or above. The system will become active again if the vehicle speed is decreased to less than approximately 6 mph (9 km/h). A display warning will appear in the instrument cluster display if the vehicle is in REVERSE and the speed exceeds 7 mph (11 km/h).

PARKSENSE SENSORS

The four ParkSense sensors located in the rear fascia/bumper, and the six ParkSense sensors located in the front fascia/bumper, monitor the area in front and behind the vehicle that is within the sensors' field of view. The front sensors detect obstacles from approximately 12 inches (30 cm) up to 47 inches (120 cm) from the front fascia/bumper. The rear sensors can detect obstacles from approximately 12 inches (30 cm) up to 79 inches (200 cm) from the rear fascia/bumper. These distances depend on the location, type and orientation of the obstacle in the horizontal direction.

NOTE:

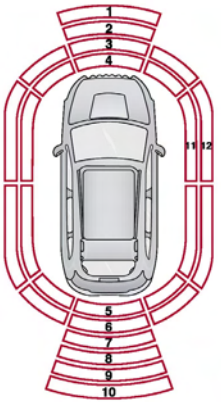
If the vehicle is equipped with ParkSense Active Park Assist, there will be six ParkSense sensors located in the rear fascia/bumper.

PARKSENSE DISPLAY

The warning display will turn on indicating the system status when the vehicle is in REVERSE or when the vehicle is in DRIVE and an obstacle has been detected.

The system will indicate a detected obstacle by showing a single arc in the left and/or right front or rear regions based on the object's distance and location relative to the vehicle.

If an object is detected in the left and/or right rear region, the display will show a single arc in the left and/or right rear region and the system will produce a tone. As the vehicle moves closer to the object, the display will show the single arc moving closer to the vehicle and the tone will change from a single 1/2 second tone to slow, to fast, to continuous.



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Front/Rear/Side ParkSense Arcs

1 — No Tone/Solid Arc
2 — No Tone/Flashing Arc
3 — Fast Tone/Flashing Arc
4 — Continuous Tone/Flashing Arc
5 — Continuous Tone/Flashing Arc
6 — Fast Tone/Flashing Arc
7 — Fast Tone/Flashing Arc
8 — Slow Tone/Solid Arc
9 — Slow Tone/Solid Arc
10 — Single 1/2 Second Tone/Solid Arc
11 — Continuous Tone/Flashing Arcs
12 — Fast Tone/Flashing Arcs

The vehicle is close to the obstacle when the instrument cluster display shows one flashing arc and sounds a continuous tone. The following chart shows the warning alert operation when the system is detecting an obstacle:

WARNING ALERTS FOR REAR							
Rear Distance (inches/cm)	Greater than 79 inches (200 cm)	79-59 inches (200-150 cm)	59-47 inches (150-120 cm)	47-39 inches (120-100 cm)	39-25 inches (100-65 cm)	25-12 inches (65-30 cm)	Less than 12 inches (30 cm)
Audible Alert Chime	None	Single 1/2 Second Tone	Slow	Slow	Fast	Fast	Continuous
Arcs-Left	None	None	None	None	None	6th Flashing	5th Flashing
Arcs-Center	None	10th Solid	9th Solid	8th Solid	7th Flashing	6th Flashing	5th Flashing
Arcs-Right	None	None	None	None	None	6th Flashing	5th Flashing
Radio Volume Reduced	No	Yes	Yes	Yes	Yes	Yes	Yes

WARNING ALERTS FOR FRONT					
Front Distance (inches/cm)	Greater than 47 inches (120 cm)	47-39 inches (120-100 cm)	39-25 inches (100-65 cm)	25-12 inches (65-30 cm)	Less than 12 inches (30 cm)
Audible Alert Chime	None	None	None	Fast	Continuous
Arcs-Left	None	None	None	3rd Flashing	4th Flashing
Arcs-Center	None	1st Solid	2nd Flashing	3rd Flashing	4th Flashing
Arcs-Right	None	None	None	3rd Flashing	4th Flashing
Radio Volume Reduced	No	No	No	Yes	Yes

NOTE:
ParkSense will reduce the volume of the radio, if on, when the system is sounding an audio tone.

ParkSense Camera Activation

If the ParkSense system detects an obstacle, a camera image will display in the radio. The camera will continue to display as long as the ParkSense system continues to detect an object. This can be turned on or off in the Uconnect system ⇨ page 170.

Front Park Assist Audible Alerts

ParkSense will turn off the Front Park Assist audible alert (chime) after approximately three seconds when an obstacle has been detected, and the vehicle is stationary.

Adjustable Chime Volume Settings

Front and rear chime volume settings can be selected from the Uconnect system ⇨ page 170.

The chime volume settings include low, medium, and high.

ParkSense will retain its last known configuration state through ignition cycles.

PARKSENSE WARNING DISPLAY

The ParkSense Warning screen is located within the instrument cluster display ⇨ page 88. It provides visual warnings to indicate the distance between the rear fascia/bumper and/or front fascia/bumper and the detected obstacle.

ENABLING AND DISABLING PARKSENSE

ParkSense can be enabled and disabled with the ParkSense switch located on the switch panel on the forward part of the center console, in front of the gear selector.

When the ParkSense switch is pushed to enable the system, the instrument cluster will display the system state.

When the ParkSense switch is pushed to disable the system, the instrument cluster will display the “PARKSENSE OFF” message for approximately two seconds. When the gear selector is moved to REVERSE and the system is disabled, the instrument cluster display will display the “PARKSENSE OFF” message for as long as the vehicle is in REVERSE.

NOTE:

When ParkSense is disabled and the gear selector is moved to the DRIVE position, no warning message will be displayed.

The ParkSense switch LED will be on when ParkSense is disabled or requires service. The ParkSense switch LED will be off when the system is enabled. If the ParkSense switch is pushed, and the system requires service, the ParkSense switch LED will blink momentarily, and then the LED will be on.

SERVICE THE PARKSENSE PARK ASSIST SYSTEM

During vehicle start-up, when the ParkSense System has detected a faulted condition, the instrument cluster will actuate a single chime, once per ignition cycle, and it will display a pop-up. The pop-up will include up to two faults. Possible fault messages are "Parksense Unavailable Wipe Rear Sensors", "Parksense Unavailable Wipe Front Sensors", or "Parksense Unavailable Service Required.” The pop-up message will display for five seconds.

When the gear selector is moved to REVERSE and the system has detected a faulted condition, the instrument cluster display will display a "Parksense Unavailable Wipe Rear Sensors", "Parksense Unavailable Wipe Front Sensors" or "Parksense Unavailable Service Required" pop-up message for five seconds. After five seconds, a vehicle graphic will be displayed with “Unavailable” at either the front or rear sensor location depending on where the fault is detected. The system will continue to provide arc alerts for the side that is functioning properly. These arc alerts will interrupt the "Parksense Unavailable Wipe Rear Sensors", "Parksense Unavailable Wipe Front Sensors", or "Parksense Unavailable Service Required" messages if an object is detected within the five second pop-up duration. The vehicle graphic will remain displayed for as long as the vehicle is in REVERSE.

If "Parksense Unavailable Wipe Rear Sensors" or "Parksense Unavailable Wipe Front Sensors" appears in the instrument cluster display make sure the outer surface and the underside of the rear fascia/bumper and/or front fascia/bumper is clean and clear of snow, ice, mud, dirt or other obstructions and then cycle the ignition. If the message continues to appear, see an authorized dealer.

If the "Parksense Unavailable Service Required" message appears in the instrument cluster display, see an authorized dealer.

CLEANING THE PARKSENSE SYSTEM

Clean the ParkSense sensors with water, car wash soap and a soft cloth. Do not use rough or hard cloths. Do not scratch or poke the sensors.

PARKSENSE SYSTEM USAGE PRECAUTIONS

NOTE:

- Ensure that the front and rear fascias/bumpers are free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.
- Jackhammers, large trucks, and other vibrations could affect the performance of ParkSense.
- When you turn ParkSense off, the instrument cluster will display “Parksense Off.” Furthermore, once you turn ParkSense off, it remains off until you turn it on again, even if you cycle the ignition.
- When you move the gear selector to the REVERSE position and ParkSense is turned off, the instrument cluster will display “Parksense Off” for as long as the vehicle is in REVERSE.
- ParkSense, when on, will reduce the volume of the radio when it is sounding a tone.
- Clean the ParkSense sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense system might not detect an obstacle behind or in front of the fascia/bumper, or it could provide a false indication that an obstacle is behind or in front of the fascia/bumper.
- Use the ParkSense switch to turn the ParkSense system off if objects such as bicycle carriers, trailer hitches, etc. are placed within 12 inches (30 cm) of the rear fascia/bumper. Failure to do so can result in the system misinterpreting a close object as a sensor problem, causing the “Parksense Unavailable Service Required” message to be displayed in the instrument cluster.
- ParkSense should be disabled when the liftgate is in the open position. An opened liftgate could provide a false indication that an obstacle is behind the vehicle.

WARNING!

- Drivers must be careful when backing up even when using ParkSense. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.
- Before using ParkSense, it is strongly recommended that the ball mount and hitch ball assembly be disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia/bumper when the vehicle sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

CAUTION!

- ParkSense is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.
- The vehicle must be driven slowly when using ParkSense in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using ParkSense.

SIDE DISTANCE WARNING SYSTEM — IF EQUIPPED

The Side Distance Warning system detects the presence of side obstacles near the vehicle using the parking sensors located in the front and rear fascias/bumpers.

Side Distance Warning Display

The Side Distance Warning screen will only be displayed if this feature is enabled within Uconnect Settings ⇨ page 170.

The system warns the driver with an acoustic signal and, when enabled, with visual indications on the instrument cluster display.

When the vehicle is in DRIVE, the Side Distance Warning volume/chime will match the Front ParkSense volume and chime type.

When the vehicle is in REVERSE, the Side Distance Warning volume/chime will match the Rear ParkSense volume and chime type.

WARNING ALERTS		
Distance (inches/cm)	Less than 12 inches (30 cm)	12 – 24 inches (30 – 60 cm)
Arcs-Left	11th Flashing	12th Flashing
Arcs-Right	11th Flashing	12th Flashing
Audible Alert Chime	Continuous	Fast audible chime as the objects get close to the vehicle
Radio Volume Reduced	Yes	Yes

NOTE:

Parksense will reduce the volume of the radio if on when the system is sounding an audible tone. An audible tone will only sound if a collision is possible.

Activation/Deactivation

The system can operate only after driving a short distance and if the vehicle speed is between 0 and 7 mph (0 and 11 km/h). The system can be activated/deactivated via the Settings menu of the Uconnect system. If the ParkSense System is deactivated via the ParkSense hard switch then the Side Distance Warning system will automatically be deactivated.

Message on the display for Side Distance Warning feature:

"Wipe Sensors" — This message is displayed in the case of a failure of the Side Distance Warning system sensors. Free the bumpers of any obstacles, ensure that the front and rear fascia/bumper are free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.

"System Not Available" — This message is displayed if the Side Distance Warning system is not available. The failed operation of the system might be due to the insufficient voltage from the battery or other failures on the electrical system. Contact an authorized dealer as soon as possible to have the electrical system checked.

ParkSense Usage Precautions

Some conditions may influence the performance of the Side Distance Warning system:

NOTE:

- Ensure that the front and rear fascia/bumper are free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.
- Construction equipment, large trucks, and other vibrations could affect the performance of ParkSense.
- When you turn ParkSense off, the message to appear in the instrument cluster display will read "PARKSENSE OFF." Furthermore, once you turn ParkSense off, it remains off until you turn it on again, even if you cycle the ignition.
- ParkSense, when on, will reduce the volume of the radio when it is sounding a tone.
- Clean the ParkSense sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense system might not detect an obstacle behind or in front of the fascia/bumper, or it could provide a false indication that an obstacle is behind or in front of the fascia/bumper.
- The presence of a tow hook without a trailer may interfere with the correct operation of the parking sensors. Before using the ParkSense system, it is recommended to remove the removable tow hook ball assembly and any attachments from the vehicle when it is not used for towing operations.

WARNING!

- Drivers must be careful when backing up even when using ParkSense. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.
- Before using ParkSense, it is strongly recommended that the ball mount and hitch ball assembly be disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia/bumper when the vehicle sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball

(Continued)

WARNING!

assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

CAUTION!

- ParkSense is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.
- The vehicle must be driven slowly when using ParkSense in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using ParkSense.

PARKSENSE ACTIVE PARK ASSIST SYSTEM — IF EQUIPPED

The ParkSense Active Park Assist system is intended to assist the driver during parallel and perpendicular parking maneuvers. The system works by identifying a proper parking space, providing audible/visual instructions, and controlling the steering wheel only, or the accelerator, gear selector, brakes, and the steering wheel (if equipped with the Fully Automated system). Depending on the driver's parking maneuver selection, the ParkSense Active Park Assist system is capable of maneuvering a vehicle into a parallel or a perpendicular parking space on either side (i.e., driver side or passenger side).

Two types of ParkSense Active Park Assist systems are available:

- Semi-Automatic ParkSense Active Park Assist
- ParkSense Automated Parking system

Semi-Automatic ParkSense Active Park Assist — If Equipped

The Semi-Automatic system detects parking spaces, and controls the steering wheel only. The driver maintains control of the accelerator, gear selector and brakes.

ParkSense Automated Parking — If Equipped

The Fully Automated system detects parking spaces, and controls the accelerator, gear selector, brakes, and steering wheel. In this mode, the system also provides obstacle detection by providing visual and audible warnings and automatic braking to avoid a collision.

If your vehicle is equipped with the Fully Automated system, you can switch between Semi-Automatic and Fully Automated mode in the Uconnect Settings ⇨ page 170.

NOTE:

- The driver is always responsible for controlling the vehicle, responsible for any surrounding objects, and must intervene as required.
- The system is designed to assist the driver and not to substitute the driver.
- During a Semi-Automatic or Fully Automated maneuver, if the driver touches the steering wheel after being instructed to remove their hands from the steering wheel, the system will cancel, and the driver will be required to manually complete the parking maneuver.
- The system may not work in all conditions (e.g. environmental conditions such as heavy rain, snow, etc., or if searching for a parking space that has surfaces that will absorb the ultrasonic sensor waves).
- New vehicles from an authorized dealership must have at least 30 miles (48 km) accumulated before the ParkSense Active Park Assist system is fully calibrated and performs accurately. This is due to the system's dynamic vehicle calibration to improve the performance of the feature. The system will also continuously perform the dynamic vehicle calibration to account for differences such as over or under inflated tires and new tires.

ENABLING AND DISABLING THE PARKSENSE ACTIVE PARK ASSIST SYSTEM

The ParkSense Active Park Assist system can be enabled and disabled with the ParkSense Active Park Assist switch, located on the switch panel on the forward part of the center console, in front of the gear selector.

To enable the ParkSense Active Park Assist system, push the ParkSense Active Park Assist switch once (LED turns on). Pushing the switch a second time will disable the system (LED turns off).

The ParkSense Active Park Assist system will turn off automatically for any of the following conditions:

- Parking maneuver is completed
- Vehicle speed is greater than 28 mph (45 km/h) when searching for a parking space during a Fully Automated maneuver
- Vehicle speed is greater than 18 mph (30 km/h) when searching for a parking space during a Semi-Automatic maneuver
- Vehicle speed is greater than 5 mph (7 km/h) during Semi-Automatic active steering guidance into the parking space
- Steering wheel is touched during Fully Automated or Semi-Automatic active steering guidance into the parking space
- The gas pedal or brake pedal is pressed during Fully Automated active steering guidance into the parking space
- ParkSense Front and Rear Park Assist switch is pushed
- Any of the doors are opened during a Fully Automated maneuver
- The driver door is opened during a Semi-Automatic maneuver
- Rear liftgate is opened
- A trailer is connected
- Vehicle is in 4WD Low
- Cruise Control, Adaptive Cruise Control, or Active Driving Assist systems are engaged
- Electronic Stability Control/Anti-Lock Braking System intervention

The ParkSense Active Park Assist system allows a maximum number of shifts between DRIVE and REVERSE. If the maneuver cannot be completed within the maximum amount of shifts, the system will cancel and the instrument cluster display will instruct the driver to complete the maneuver manually.

The ParkSense Active Park Assist system will only operate and search for a parking space when the following conditions are present:

- Gear selector is in DRIVE
- Ignition is in the RUN position
- ParkSense Active Park Assist switch is activated
- All of the doors are closed
- Rear liftgate is closed
- Vehicle speed is less than 15 mph (25 km/h) during a Semi-Automatic maneuver
- Vehicle speed is less than 25 mph (40 km/h) during a Fully Automated maneuver
- The outer surface and the underside of the front and rear fascias/bumpers are clean and clear of snow, ice, mud, dirt or other obstructions.

NOTE:

- During a Semi-Automatic maneuver, if the vehicle is driven above approximately 15 mph (25 km/h), the instrument cluster display will instruct the driver to slow down. If the vehicle is driven above approximately 18 mph (30 km/h), the system will cancel. The driver must then reactivate the system by pushing the ParkSense Active Park Assist switch.
- During a Fully Automated maneuver, if the vehicle is driven above approximately 25 mph (40 km/h), the instrument cluster display will instruct the driver to slow down. If the vehicle is driven above approximately 28 mph (45 km/h), the system will cancel. The driver must then reactivate the system by pushing the ParkSense Active Park Assist switch.

When pushed, the LED on the ParkSense Active Park Assist switch will blink momentarily. If any of the previously described conditions are not present, then the LED will turn off.

If the vehicle is in any other gear than DRIVE, and an objected is detected in the vehicle's path, the system will default to Parallel Park Exit. A prompt will appear in the Uconnect display, and the driver will need to select "Yes" or "No" for a Parallel Park Exit maneuver. Any other conditions will result in a default to a Parallel Parking maneuver.

PARKSENSE AUTOMATED PARKING — IF EQUIPPED

Parallel/Perpendicular Parking Space Assistance Operation

When the ParkSense Active Park Assist system is enabled, the driver must press "Park" on the Uconnect display, and the system will begin searching for valid parallel and perpendicular parking spaces.

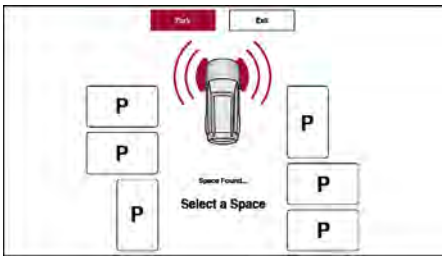
NOTE:

- The driver needs to make sure that the selected parking space for the maneuver remains free and clear of any obstructions (e.g. pedestrians, bicycles, etc.).
- The driver is responsible to ensure that the selected parking space is suitable for the maneuver and free/clear of anything that may be overhanging or protruding into the parking space (e.g., ladders, tailgates, etc. from surrounding objects/vehicles).

- When searching for a parking space, the driver should drive as parallel or perpendicular (depending on the type of maneuver) to other vehicles as possible.
- While the vehicle is in DRIVE, there will be a full screen image in the Uconnect display. If the driver shifts to REVERSE while searching for a parking space, a camera image will appear in the Uconnect display with a “Shift To Drive” message.

Both types of valid spaces (parallel and perpendicular) will be displayed in the Uconnect display as they are found. The available spaces will update in real time.

When valid parking spaces have been found, the driver will be prompted to stop the vehicle.



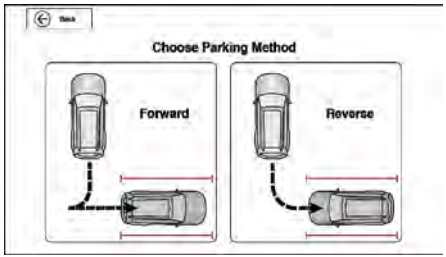
Select A Space

The driver can then select a parking space by pressing the desired space on the Uconnect display.

NOTE:

If a space selection is attempted before the vehicle is stopped, a warning screen will appear in the Uconnect display with instructions to stop the vehicle to make a selection.

If the driver selects a perpendicular parking space, the system will prompt the driver to choose a Forward or Reverse parking method.



Choose Perpendicular Parking Method

NOTE:

You can press the “Back” button on the display to return to the parking space selection screen and select a different space.

Once the parallel or perpendicular parking maneuver selection has been made, a message will appear in the display with instructions to hold down the brake pedal and Active Park Assist switch. Both of these conditions must be met in order to begin the parking maneuver. The message also instructs the driver to push and hold the Active Park Assist switch for the entire maneuver.

NOTE:

When the Active Park Assist switch is held down, the turn signal for the side of the vehicle where the selected parking space is located will turn on automatically.

The system will then instruct the driver to remove hands from the steering wheel and feet from the pedals. This screen will be shown for a minimum of two seconds, or until the driver releases the brake pedal.

When the parking sequence is initiated by the driver after the previously described conditions are met, the Uconnect system will display a Top View along with either a rear camera view (if the vehicle is placed in REVERSE) or a forward camera view (if the vehicle is placed in DRIVE).

The Top View will have integrated ParkSense arcs in the image at the front and rear of the vehicle. The arcs will change color from yellow to red corresponding the distance zones to the oncoming object.

The system will then perform the parking maneuver. Once the maneuver is complete, the vehicle will automatically shift into PARK.

The system will display a “Complete!” message and instruct the driver to release the Active Park Assist switch.

Once the Active Park Assist switch is released, a chime will sound and the LED on the switch will turn off. After approximately five seconds, the previous Uconnect screen will display.

NOTE:

- It is the driver's responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.
- When the system instructs the driver to remove their hands from the steering wheel, the driver should check their surroundings and begin to back up slowly.

- The system will cancel the maneuver if the vehicle speed exceeds 28 mph (40 km/h) during active steering guidance into the parking space. The system will provide a warning to the driver at 28 mph (40 km/h) that tells them to slow down. The driver is then responsible for completing the maneuver if the system is canceled.
- If the system is canceled during the maneuver for any reason, the driver must take control of the vehicle.

WARNING!

- Drivers must be careful when performing parallel or perpendicular parking maneuvers even when using the ParkSense Active Park Assist system. Always check carefully behind and in front of your vehicle, look behind and in front of you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up and moving forward. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.
- Before using the ParkSense Active Park Assist system, it is strongly recommended that the ball mount and hitch ball assembly be disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia/bumper when the vehicle sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

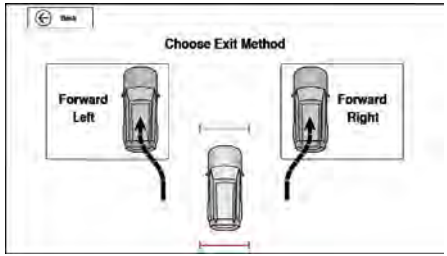
CAUTION!

- The ParkSense Active Park Assist system is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.
- The vehicle must be driven slowly when using the ParkSense Active Park Assist system in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using the ParkSense Active Park Assist system.

Parallel Park Exit

Enable the ParkSense Active Park Assist system by pressing the ParkSense Active Park Assist switch. To initiate a parking space exit maneuver, the vehicle must be stopped, and the driver must press “Exit” on the Uconnect display.

After the driver chooses a parallel park exit maneuver, the system will then prompt the driver to choose an exit method. The exit method options are Forward Left and Forward Right.



Choose Exit Method

NOTE:

If an exit method selection is attempted before the vehicle is stopped, the driver will be instructed to stop the vehicle to make a selection.

After the driver chooses a parallel exit side, a message appears in the Uconnect display with instructions to hold the brake pedal and hold down the Active Park Assist switch. Both of these conditions must be met before the maneuver can begin.

When the Active Park Assist switch is held down, the turn signal for the chosen exit side will turn on automatically.

The system will then instruct the driver to remove hands from the steering wheel and feet from the pedals. This screen will be shown for a minimum of two seconds, or until the driver releases the brake pedal.

When the exit sequence is initiated by the driver after the previously described conditions are met, the Uconnect system will display a Top View along with either a rear camera view (if the vehicle is placed in REVERSE) or a forward camera view (if the vehicle is placed in DRIVE), and the exit maneuver will begin.

The Top View will have integrated ParkSense arcs in the image at the front and rear of the vehicle. The arcs will change color from yellow to red corresponding the distance zones to the oncoming object.

The automatic maneuver ends when the vehicle is clear of the parking space, and the display shows the message of a completed maneuver. The vehicle will be in DRIVE and held hydraulically by the brakes until the driver presses the accelerator pedal. The system gives vehicle control back to the driver.

Once the driver regains control of the vehicle, a chime will sound and the LED on the switch will turn off. After approximately five seconds, the previous Uconnect screen will display.

Parking Maneuver Paused/Canceled

Certain conditions can pause or cancel a Fully Automated park or exit maneuver.

The ParkSense Automated Parking system can be paused due to the driver's finger being removed from the Active Park Assist switch and/or an object in the vehicle's path during a parking maneuver.

If one or more of these scenarios occur, automatic braking will bring the vehicle to a stop and hold the vehicle hydraulically by the brakes.

The driver will be instructed to hold the Active Park Assist switch to continue the park or exit maneuver. If the driver does not resume holding the switch down, the maneuver will cancel.

If the maneuver is paused due to an object in the vehicle's path, a message will appear in the Uconnect display. The maneuver will remain paused until the object is no longer in the vehicle's path.

The system can also be paused before the Active Park Assist switch is held down if the driver shifts into REVERSE.

The driver will be instructed to shift to DRIVE to continue the maneuver. If the vehicle is shifted into DRIVE, the process will continue on to the seek/maneuver selection phase.

SEMI-AUTOMATIC PARKSENSE ACTIVE PARK ASSIST — IF EQUIPPED

Parallel/Perpendicular Parking Space Assistance Operation

When the ParkSense Active Park Assist system is enabled, the driver must press "Park" on the Uconnect display, and the system will begin searching for valid parallel and perpendicular parking spaces.

NOTE:

If your vehicle is equipped with a Fully Automated system, you may have to update your selected setting in the Uconnect system to switch to a Semi-Automatic maneuver ⇨ page 170.

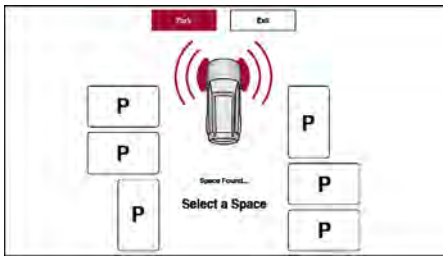
NOTE:

- The driver needs to make sure that the selected parking space for the maneuver remains free and clear of any obstructions (e.g. pedestrians, bicycles, etc.).
- The driver is responsible to ensure that the selected parking space is suitable for the maneuver and free/clear of anything that may be overhanging or protruding into the parking space (e.g., ladders, tailgates, etc. from surrounding objects/vehicles).
- When searching for a parking space, the driver should drive as parallel or perpendicular (depending on the type of maneuver) to other vehicles as possible.
- While the vehicle is in DRIVE, there will be a full screen image in the Uconnect display. If the driver shifts to REVERSE while searching for a parking space, a camera image will appear in the Uconnect display with a "Shift To Drive" message.

Both types of valid spaces (parallel and perpendicular) will be displayed in the Uconnect display as they are found. The available spaces will update in real time.

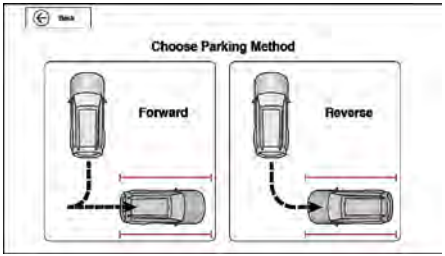
When valid parking spaces have been found, and the vehicle is not in position, you will be instructed to move forward to position the vehicle for a perpendicular or parallel parking sequence (depending on the type of maneuver being performed).

A chime will sound, and the driver will be instructed to stop the vehicle and to select a space. This can be done by pressing the desired space on the Uconnect display.



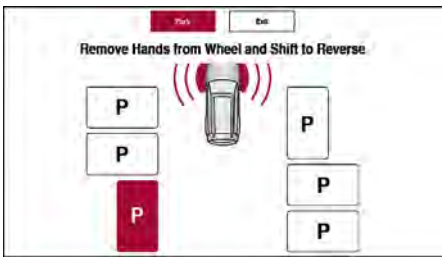
Select A Space

If the driver selects a perpendicular parking space, the system will prompt the driver to choose a Forward or Reverse parking method.



Choose Perpendicular Parking Method

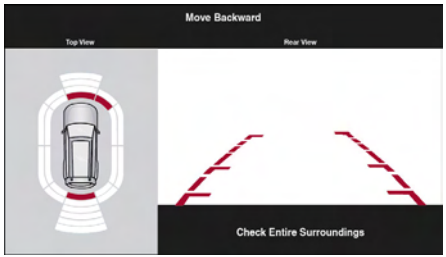
After a parking space has been selected, the driver will be instructed to remove hands from the steering wheel and shift into REVERSE.



Remove Hands From Wheel And Shift To Reverse

Once active steering begins, a camera image will appear in the Uconnect display with instructions that will display for the duration of the maneuver.

The system may then instruct the driver to wait for steering to complete before then instructing to check the vehicle's surroundings, and move backward.



Move Backward

Several more gear shifts (DRIVE and REVERSE) while keeping hands off of the steering wheel will be instructed to the driver while checking the vehicle's surroundings before completing the parking maneuver.

When the vehicle is in the parking position, the maneuver is complete and the driver will be instructed to check the vehicle's parking position, then shift the vehicle into PARK. The message "Complete! Check Parking Position" will be displayed momentarily.

NOTE:

- It is the driver's responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.
- It is the driver's responsibility to use the brake and accelerator during the Semi-Automatic parking maneuver.
- When the system instructs the driver to remove their hands from the steering wheel, the driver should check their surroundings and begin to back up slowly.
- The ParkSense Active Park Assist system will allow a maximum of eight shifts between DRIVE and REVERSE. If the maneuver cannot be completed within eight shifts, the system will cancel and the instrument cluster display will instruct the driver to complete the maneuver manually.
- The system will cancel the maneuver if the vehicle speed exceeds 18 mph (30 km/h) during active steering guidance into the parking space. The system will provide a warning to the driver at 15 mph (25 km/h) that tells them to slow down. The driver is then responsible for completing the maneuver if the system is canceled.
- If the system is canceled during the maneuver for any reason, the driver must take control of the vehicle.

WARNING!

- Drivers must be careful when performing parallel or perpendicular parking maneuvers even when using the ParkSense Active Park Assist system. Always check carefully behind and in front of your vehicle, look behind and in front of you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before

(Continued)

WARNING!

backing up and moving forward. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.

- Before using the ParkSense Active Park Assist system, it is strongly recommended that the ball mount and hitch ball assembly be disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia/bumper when the vehicle sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

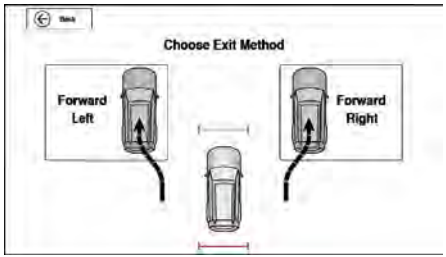
CAUTION!

- The ParkSense Active Park Assist system is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.
- The vehicle must be driven slowly when using the ParkSense Active Park Assist system in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using the ParkSense Active Park Assist system.

Parallel Park Exit

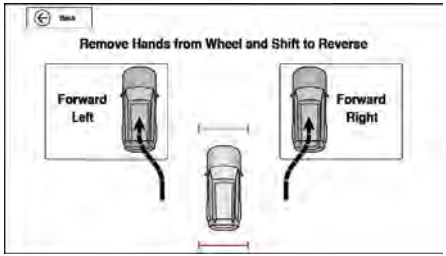
Enable the ParkSense Active Park Assist system by pressing the ParkSense Active Park Assist switch. To initiate a parking space exit maneuver, the vehicle must be stopped, and the driver must press “Exit” on the Uconnect display.

After the driver chooses a parallel park exit maneuver, the system will then prompt the driver to choose an exit method. The exit method options are Forward Left and Forward Right.



Choose Exit Method

After an exit maneuver method has been selected, the driver will be instructed to remove hands from the steering wheel and shift into REVERSE.



Remove Hands From Wheel And Shift To Reverse

Release the steering wheel and use the brake and accelerator pedals and gear selector as instructed, while the system handles the steering automatically for exiting the parking space. If the driver touches or holds the steering wheel (voluntarily or not) during the exit maneuver, the maneuver will be interrupted.

The Semi-Automatic maneuver ends when the display shows the message of a completed maneuver. At the end of the maneuver, the system gives vehicle control back to the driver.

ACTIVE LANE MANAGEMENT SYSTEM — IF EQUIPPED

ACTIVE LANE MANAGEMENT OPERATION

The Active Lane Management (ALM) system uses a forward facing camera to detect lane markings or road edges and to measure vehicle position within the lane boundaries. It also uses the Blind Spot Monitoring (BSM) sensors to detect vehicles in adjacent lanes while the driver is preparing to change lanes.

The system is operational at speeds above 37 mph (60 km/h) and below 112 mph (180 km/h).

When both lane markings are detected, and the vehicle approaches (or crosses) the lane marking with no turn signal applied, and the blind spot zone is not occupied, the ALM system provides warnings to prompt the driver to remain within the lane boundaries. These warnings include a visual warning in the instrument cluster along with steering assist torque (if configured in Uconnect Settings).

If the driver crosses the lane marking, the system will either guide the vehicle back to the center of the lane, provide a vibration in the steering wheel, or both, depending on radio settings.

When both lane markings are detected, and the driver uses the turn signal to indicate a lane change, and a vehicle is detected in the BSM zone on that side of the vehicle, the ALM system provides a warning in the form of steering assist and/or steering vibration (depending on radio settings) to guide the vehicle back to the center of the lane.

NOTE:

- The system will suppress visual warnings, steering vibration (if selected in radio settings), and steering assistance (if selected in radio settings) when the driver activates the turn signal, the blind spot zone is clear of vehicles, and a lane change is occurring.
- If the Blind Spot Monitoring (BSM) system detects a vehicle in the adjacent lane, and the turn signal is applied in that direction, the BSM LED on the mirror will flash. If the driver continues to attempt the lane change, steering wheel torque will be provided to keep the vehicle within its lane markings.

The driver may manually override the steering assist warning by applying force to the steering wheel at any time.

When only a single lane marking is detected and the driver drifts across the lane marking (no turn signal applied), the Active Lane Management system provides a visual warning in the instrument cluster, as well as a steering assist torque (if configured in Uconnect Settings), to prompt the driver to remain within the lane boundaries. If the driver continues to drift out of the lane, the system provides a flashing visual warning through the instrument cluster display as well as a haptic steering wheel vibration (if configured in Uconnect Settings) when the vehicle crosses the lane boundary.

NOTE:

When operating conditions have been met, the Active Lane Management system will monitor if the driver's hands are on the steering wheel and provides an audible and visual warning to the driver if removed. The system will cancel if the driver does not return their hands to the wheel.

TURNING ACTIVE LANE MANAGEMENT ON OR OFF

The Active Lane Management button is located on the switch panel on the forward part of the center console, in front of the gear selector.

To turn the system on, push the Active Lane Management button (LED turns off). A message is shown in the instrument cluster display.

To turn the system off, push the button again (LED turns on).

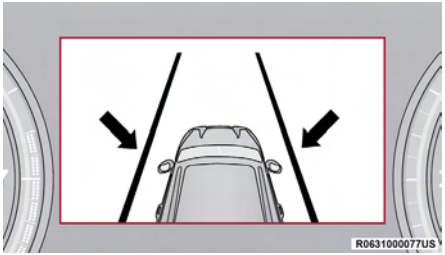
NOTE:

The Active Lane Management system will retain the last system state on or off from the last ignition cycle when the ignition is placed in the ON/RUN position.

ACTIVE LANE MANAGEMENT WARNING MESSAGE

The Active Lane Management system will indicate the current lane drift condition through the instrument cluster display.

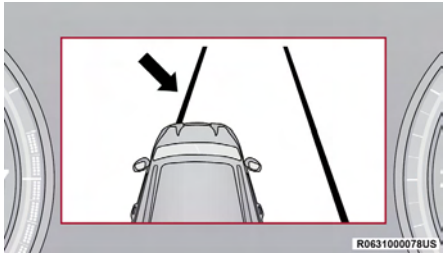
When the system is on, the lane lines are gray when both of the lane boundaries have not been detected.



System On (Gray Lines)

Left Lane Departure — Only Left Lane Detected

- When the system is on and only the left lane marking has been detected, and the system is ready to provide visual warnings in the instrument cluster display and a vibration and/or steering assist warning in the steering wheel if a lane departure occurs, the left lane line will be green.
- When the system senses the lane line has been approached (but not crossed), the left lane line will change to solid yellow and the system will provide steering assist torque (if programmed in Uconnect Settings).
- When the system senses the lane line is being crossed, the left lane line will change to flashing yellow, and the system will provide haptic steering wheel vibration (if programmed in Uconnect Settings).



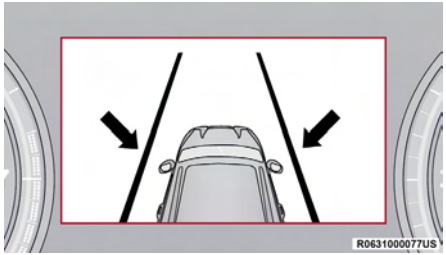
Lane Crossed (Flashing Yellow Line)

NOTE:

The Active Lane Management system operates with similar behavior for a right lane departure when only the right lane marking has been detected.

Left Lane Departure — Both Lanes Detected

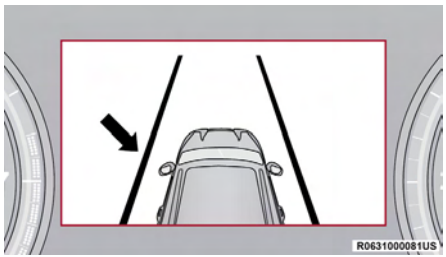
- When the system is on, the lane lines turn from gray to green to indicate that both of the lane markings have been detected. When both lane markings have been detected, the system is ready to provide visual warnings in the instrument cluster display and a vibration and/or steering assist warning in the steering wheel if a lane departure occurs.



Lanes Sensed (Green Lines)

- When the system senses a lane drift situation, the left lane line turns solid yellow. At this time, steering assist warning is applied to the steering wheel in the opposite direction of the lane boundary.

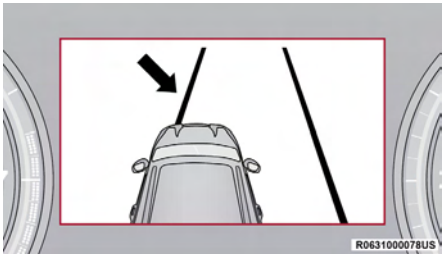
  For example: If approaching the left side of the lane the steering wheel will turn to the right.



Lane Drift (Solid Yellow Line)

- When the system senses the lane line is being crossed, the left lane line changes from solid yellow to flashing yellow (on/off). At this time, vibration is applied to the steering wheel.

  For example: If approaching the left side of the lane the steering wheel will turn to the right.



Lane Crossed (Flashing Yellow Line)

NOTE:

- The Active Lane Management system operates with similar behavior for a right lane departure.
- If the turn signal is activated, and the vehicle begins to depart the lane at the same time the Blind Spot Monitoring (BSM) system detects another vehicle in the BSM zones, the system will provide haptic steering wheel vibration and/or steering assist torque (if programmed in Uconnect Settings).

CHANGING ACTIVE LANE MANAGEMENT STATUS

Configurable settings for the Active Lane Management system are available within the Uconnect system ⇨ page 170.

Selectable Warning Types:

- Vibration Only
- Steering Assist Only
- Vibration And Steering Assist

Other configurable settings for this system are for the intensity of the vibration (high/med/low), steering assist strength (hi/med/low), and the warning zone sensitivity (early/medium/late).

NOTE:

- The system will not apply vibration and/or steering assist to the steering wheel whenever a safety system engages (Anti-Lock Brakes, Traction Control System, Electronic Stability Control, Forward Collision Warning, etc.).
- The Blind Spot Monitoring system will be forced on when the ALM system is enabled.
- The ALM system will be suppressed when the Active Driving Assist system (if equipped) is engaged.

TURN SIGNAL ACTIVATED BLIND SPOT ASSIST — IF EQUIPPED

When enabled in the Uconnect system and a turn signal is activated, the corresponding side view mirror camera will display in the radio. The camera will continue to display as long as the turn signal is engaged. If “Only With Trailer” is selected (if equipped), the camera will only display when a trailer is connected to the vehicle ⇨ page 170.

WARNING!
Blind Spot Assist is only an aid to help detect objects in the blind spot zones and may not provide alerts when changing lanes under all driving conditions. Even if your vehicle is equipped with the BSA system, always check your vehicle's mirrors, glance over your shoulder, and use turn signals before changing lanes. Failure to do so can result in serious injury or death.

PARKVIEW REAR BACK UP CAMERA

Your vehicle is equipped with the ParkView Rear Back Up Camera that allows you to see an on-screen image of the rear surroundings of your vehicle whenever the gear selector is put into REVERSE. The image will be displayed on the Navigation/Multimedia radio display screen along with a caution note to “Check Entire Surroundings” across the top of the screen. After five seconds this note will disappear. The ParkView camera is located on the rear of the vehicle above the rear license plate.

When the vehicle is shifted out of REVERSE with camera delay turned off, the rear camera mode is exited and the previous screen appears.

Manual Activation Of The Back Up Camera

1. Press the Vehicle button located on the bottom of the Uconnect display and then select the Controls menu.
2. Press the Back Up Camera icon to turn the Rear View Camera system on.

NOTE:

- The Rear View camera can also be turned on manually through the Apps menu within the Uconnect system.
- The ParkView Rear Back Up Camera has programmable modes of operation that may be selected through the Uconnect system ⇨ page 170.

When the vehicle is shifted out of REVERSE with camera delay turned off, the rear camera mode is exited and the previous screen appears. When the vehicle is shifted out of REVERSE with camera delay turned on, the camera image will continue to be displayed for up to 10 seconds unless the following conditions occur: the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK, the vehicle's ignition is placed in the OFF position, or the touchscreen X button to disable the display of the Rear View Camera is pressed.

When enabled, active guidelines are overlaid on the image to illustrate the width of the vehicle and its projected back up path based on the steering wheel position. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver. Different colored zones indicate the distance to the rear of the vehicle.

The following table shows the approximate distances for each zone:

Zone	Distance To The Rear Of The Vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 6.5 ft (30 cm - 2 m)
Green	6.5 ft or greater (2 m or greater)

WARNING!

Drivers must be careful when backing up even when using the ParkView Rear Back Up Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You are responsible for the safety of your surroundings and must continue to pay attention while backing up. Failure to do so can result in serious injury or death.

CAUTION!

- To avoid vehicle damage, ParkView should only be used as a parking aid. The ParkView camera is unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using ParkView to be able to stop in time when an obstacle is seen. It is recommended that the driver look frequently over his/her shoulder when using ParkView.

NOTE:

If snow, ice, mud, or any foreign substance builds up on the camera lens, clean the lens, rinse with water, and dry with a soft cloth. Do not cover the lens.

Rear Camera Washer

When the rear window washer is activated by pushing the windshield wiper/washer lever forward, the rear Back Up and digital rearview mirror (if equipped) cameras are also washed. For more information, see ⇨ page 57.

ZOOM VIEW

When the Rear View Camera image is being displayed, and the vehicle speed is below 8 mph (13 km/h) while in any gear selector position, Zoom View is available. By pressing the "magnifying glass" icon in the upper left of the display screen, the image will zoom in to four times the standard view. Pressing the icon a second time will return the view to the standard Back Up Camera display.

When Zoom View is selected while the vehicle is in REVERSE, then shifted to DRIVE, the camera delay view will display the standard Back Up Camera view. If the vehicle is then returned to REVERSE gear from DRIVE, the Zoom View selection will automatically resume.

Shifting to NEUTRAL from any gear will maintain the selected view (Zoom or Standard) as long as the vehicle speed is below 8 mph (13 km/h).

If the vehicle is in PARK, Zoom View is available until the gear selector is placed in DRIVE or REVERSE and speeds are at or above 8 mph (13 km/h).

NOTE:

- If the vehicle is in DRIVE, NEUTRAL, or REVERSE, and speed is greater than or equal to 8 mph (13 km/h), Zoom View is unavailable and the icon will appear gray.
- While in Zoom View, the guidelines will not be visible.

VIEWING AT SPEED

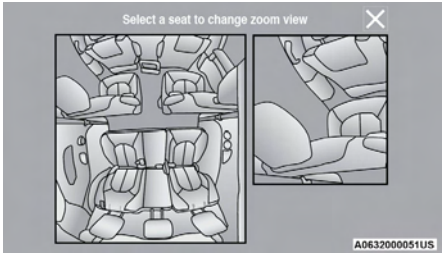
When the vehicle is in PARK, NEUTRAL or DRIVE, the Rear View Camera can be activated with the Back Up Camera button in the Controls menu. This feature allows the customer to monitor the area directly behind the vehicle (or trailer, if equipped) for up to 10 seconds while driving. If the vehicle speed remains below 8 mph (13 km/h), the Rear View Camera image will be displayed continuously until deactivated via the touchscreen X button.

FAMCAM SYSTEM — IF EQUIPPED

The FamCam system consists of an interior monitoring camera mounted on the headliner that allows the driver to view cargo/passengers in the rear interior of the vehicle through the Uconnect screen.

To activate the feature, press the FamCam button in the Controls tab of the Vehicle menu. The FamCam feature can also be accessed from the App Drawer, or the status bar at the top of the Uconnect display.

The display will show the entire view inside the vehicle on the left side of the screen, and will show a zoomed-in view of the selected seat on the right side of the screen.



FamCam Display Example (7 Passenger Vehicle Shown)

To change the seat shown in the zoomed-in view, press a different seat location on the left side of the display. The zoomed-in view will then show the new seat location. By default, the second row driver's side seat will be displayed in the zoomed-in view.

The display will appear in color in well lit conditions and will appear black and white in low light conditions.

If the driver shifts into REVERSE or presses the touchscreen X button, the view will close. Otherwise, the FamCam view will remain on the display.

NOTE:

When FamCam is turned off, the selected seat in the zoomed-in view on the right side of the display will be retained. The next time the feature is activated, the same seat will be shown in the zoomed-in view.

NIGHT VISION CAMERA SYSTEM — IF EQUIPPED

Your vehicle may be equipped with a Night Vision Camera system which uses an infrared camera to view the area ahead of the vehicle, beyond the headlights, to detect people and large animals when it is dark outside.

The system detects pedestrians or large animals by measuring the temperature difference between the object and the surrounding area.

The thermal objects detected by the camera can be displayed in the instrument cluster display. Scroll to the Night Vision page in the instrument cluster display menu ⇨ page 92 to display the Night Vision screen.

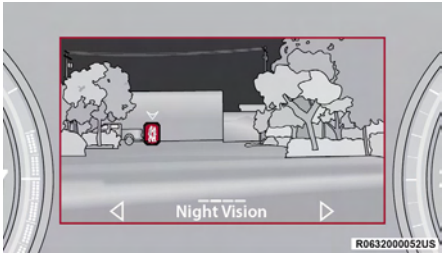
Warm objects (e.g. animals) will appear lighter on the display while cold objects (e.g. traffic signs) will appear darker.

NOTE:

- Night Vision only shows objects of interest that are warmer or colder than the surroundings.
- Adjust the instrument cluster dimmer control brightness to make the image appear brighter or dimmer.

To exit out of the Night Vision screen, select a different menu in the instrument cluster display.

A yellow or red border and box highlight will appear around objects of interest. More than one object of interest may be highlighted.



Highlight Around Objects Of Interest

The highlighting of the object(s) of interest will update in real time based upon the current Night Vision assessment.

The Night Vision system display can be deactivated under certain conditions. See ⇨ page 150 for further information.

The two categories of Night Vision warnings are Pedestrian Warnings and Animal Warnings.

Pedestrian Warning Telltale

Animal Warning Telltale

A Pedestrian or Animal Warning is considered either Level 1 or Level 2. Level 1 warnings are yellow, and Level 2 warnings are red. The colors are not configurable.

Level 1 Warnings:

- Yellow telltale in the instrument cluster display
- Yellow highlights around the detected pedestrian/animal
- Occurs when the vehicle is moving at speeds greater than 8 mph (13 km/h) and the target is in or approaching the vehicle path

Level 2 Warnings:

- Red telltale in the instrument cluster display
- Red highlights around the detected pedestrian/animal
- Occurs when the vehicle is moving at speeds greater than 8 mph (13 km/h) and a collision with the detected pedestrian/animal is possible
- The pedestrian/animal is directly in the vehicle path, close to the headlight area
- A video pop-up will display when there is a target detected and the instrument cluster display is not showing the Night Vision page
- A chime will sound for a Level 2 Warning detection event

Only one telltale can be displayed at a time based upon priority.

The priority order of the warnings from highest to lowest is:

1. Pedestrian Warning Level 2
2. Animal Warning Level 2
3. Pedestrian Warning Level 1
4. Animal Warning Level 1

Level 2 Warnings may display in the Head Up Display (if equipped).

NOTE:

If the vehicle is stopped, or slowing down, all Level 2 warnings become Level 1 warnings.

You can enable or disable the warnings within the Uconnect system ⇨ page 170.

If the warnings are off, the telltales, chimes, and warning messages will all be off. Pedestrians and animals can still be detected by the system, but there will be no warnings.

The Night Vision alert status telltale will be gray when the warnings are suppressed. The telltale will also turn gray to indicate that the alerts are suppressed due to environmental factors (e.g. daylight hours, external temperature is greater than 86°F (30°C)) or if the gear selector is in REVERSE. When the Night Vision alerts are active, the telltale will be green ⇨ page 96.

Camera Washers

When the front window washer is activated, the Night Vision camera will also be washed ⇨ page 56.

WARNING!

- Do not jerk the steering wheel in response to a warning.
- Never attempt to swerve around animals if doing so would endanger you or others.
- Do not stare at the image while driving. You could crash and you or others could be injured.
- The Night Vision system only provides alerts to objects of interest and cannot serve as a substitute for the driver's personal judgment. The warnings are meant to direct your attention to the detected objects, but the Night Vision system does not automatically brake the vehicle and may not provide a warning with enough time to help avoid a crash.
- Warnings are only provided if a pedestrian or large animal is detected by the system.

(Continued)

WARNING!

- It is always the driver's responsibility to be attentive of road, traffic, and weather conditions, vehicle speed, distance to the vehicle ahead, and most importantly, brake operation, to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle.

DETECTION RANGE

The system can detect people 4 ft (1.25 m) tall or greater in the upright position. The system can also detect animals that are four-legged and 3 ft (1 m) tall or greater in the upright position.

The detection distance for the system is between 26 ft (8 m) and 328 ft (100 m) from the front of the vehicle.

The system may not be able to detect pedestrians or animals in the following situations:

- Pedestrian/animal is outside of the detection range
- Pedestrian/animal is fully or partially covered
- Pedestrian/animal does not reach the minimum detection height

NOTE:

Other objects on the road that meet the height/shape/temperature (e.g. sun exposure) of pedestrians/animals may be detected and classified as targets.

WARNING!

- Night Vision can only detect pedestrians and animals located within the range of the infrared camera.

(Continued)

WARNING!

- Night Vision may not detect pedestrians or animals and highlight them if:
  - They are not in an upright position, for example if they are sitting or lying down, or if the pedestrian is riding a bicycle
  - The figure in the display appears incomplete, for example because the pedestrian or animal is partially behind a vehicle
  - The pedestrian/animal is not directly ahead in the coverage area
  - The pedestrian/animal is part of a group
  - The pedestrian is wearing certain types of clothing
  - The pedestrian/animal is moving too quickly through the field of view
  - The sensor is blocked by dirt, rain, snow, or ice

SERVICE THE NIGHT VISION SYSTEM

When service conditions are present, the following fault messages may appear in the instrument cluster display when the vehicle is placed in the ON position.

If "Night Vision Unavailable Sensor Blocked" appears in the instrument cluster display, make sure the camera is clear of snow, ice, mud, dirt or other debris. The camera is located in the upper fascia/bumper, inside the driver side grille slot. Clean the camera using a soft wet cloth or by pressing the Clean Camera button in the Uconnect system. If the message continues to appear after cycling the ignition, see an authorized dealer.

If "Night Vision Temporarily Unavailable" or "Night Vision Unavailable Service Required" appears in the instrument cluster display after cycling the ignition, see an authorized dealer.

The camera must be properly aligned to work correctly. If the camera needs adjustment, see an authorized dealer. Do not attempt to adjust the camera yourself.

NOTE:

Alignment and performance of the Night Vision may be affected by aftermarket modifications. Mopar® parts should be used to get the optimal performance of this system.

NIGHT VISION SYSTEM LIMITATIONS

The Night Vision display is deactivated under the following conditions:

- Vehicle is shifted into REVERSE
- The ignition is not in the ON/RUN position
- The headlights are off and the vehicle speed is greater than 8 mph (13 km/h)

The Night Vision display warnings are suppressed under the following conditions:

- Daylight hours
- Temperatures above 86°F (30°C)

The system may not be fully functional in the following situations:

- On steep hills
- On tight curves of the road
- If the camera/sensor is damaged or blocked by dirt, snow, ice, or other debris
- In poor visibility conditions such as heavy fog, rain, snow, or other weather conditions

- If the vehicle has been modified with aftermarket parts and/or accessories

NOTE:
If any of these conditions are present, the system does not need service.

SURROUND VIEW CAMERA SYSTEM — IF EQUIPPED

Your vehicle may be equipped with the Surround View Camera system that allows you to see an on-screen image of the surroundings and Top View of your vehicle whenever the gear selector is put into REVERSE or a different view is selected through the touchscreen buttons. The Top View of the vehicle will show which doors are open. The image will be displayed on the touchscreen display along with a caution note "Check Entire Surroundings" across the top of the screen. After five seconds, this note will disappear. The Surround View Camera system is comprised of four sequential cameras located in the front grille, rear liftgate and side mirrors.

NOTE:
The Surround View Camera system has programmable settings that may be selected through the Uconnect system ⇨ page 170.

Press this button on the touchscreen to enter the Surround View Camera menu in the Uconnect system.

When the vehicle is shifted into REVERSE, the Rear View or Top View is the default view of the system.

When the vehicle is shifted out of REVERSE with camera delay turned on, the camera image will continue to be displayed for up to 10 seconds unless the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK or the ignition is placed in the OFF position. There is a touchscreen X button to disable the display of the camera image.

When the vehicle is shifted out of REVERSE with camera delay turned off, the Surround View Camera mode is exited and the last known screen appears again.

When enabled, active guidelines are overlaid on the image to illustrate the width of the vehicle, including the side view mirrors and its projected back up path based on the steering wheel position.

Different colored zones indicate the distance to the rear of the vehicle.

The following table shows the approximate distances for each zone:

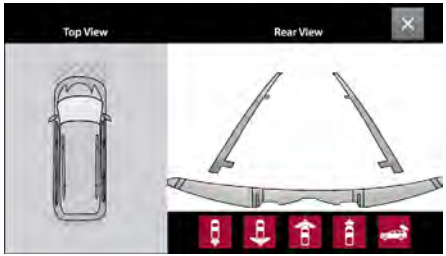
Zone	Distance To The Rear Of The Vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 6.5 ft (30 cm - 2 m)
Green	6.5 ft or greater (2 m or greater)

Modes Of Operation

Manual activation of the Surround View Camera is selected by pressing the Surround View Camera button located in the Controls menu within the Uconnect system.

Top View

The Top View will show in the Uconnect system with Rear View or Front View in a split screen display. There is integrated ParkSense arcs in the image at the front, rear, and if equipped, the sides of the vehicle. The arcs will change color from yellow to red corresponding to the distance zones to the oncoming object.



Surround View Camera View

NOTE:

- Front tires will be in image when the tires are turned.
- Due to wide angle cameras in the mirrors, the image may appear distorted.
- Top View will show which doors are open.
- Open front doors and/or liftgate will cancel outside image.

Top View Plus Rear View

This is the default view of the system in REVERSE and is always paired with the Top View of the vehicle with optional active guidelines for the projected path when enabled.

Rear Cross Path View

The Rear Cross Path button will give the driver a wider angle view of the rear camera system. The Top View will be disabled when this is selected.

Top View Plus Front View

The Front View will show you what is immediately in front of the vehicle and is always paired with the Top View of the vehicle.

Front Cross Path View

The Front Cross Path button will give the driver a wider angle view of the front camera system. The Top View will be disabled when this is selected.

Back Up Camera View

The Back Up Camera button will provide a full screen rear view with Zoom View.

NOTE:

If the Rear View Camera view was selected through the Surround View Camera menu, exiting out of the Rear View screen will return to the Surround View Camera menu. If the Back Up Camera was manually activated through the Controls menu of the Uconnect system, exiting out of the display screen will return to the Controls menu.

Deactivation

The system can be deactivated under the following conditions:

- The speed of the vehicle is greater than 8 mph (13 km/h).
- The vehicle is shifted into PARK.
- The vehicle is in any gear other than REVERSE and the touchscreen X button is pressed.
- The camera delay system is turned off manually through Uconnect Settings ⇨ page 170.

Camera Washers

When the rear window washer is activated, the rear Back Up and digital rearview mirror (if equipped) cameras are also washed ⇨ page 57.

When the front window washer is activated, the front cameras will also be washed ⇨ page 56.

NOTE:

- If snow, ice, mud, or any foreign substance builds up on the camera lenses, clean the lenses, rinse with water, and dry with a soft cloth. Do not cover the lenses.
- If a malfunction with the system has occurred, see an authorized dealer.

WARNING!

Drivers must be careful when backing up even when using the Surround View Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You are responsible for the safety of your surroundings and must continue to pay attention while backing up. Failure to do so can result in serious injury or death.

CAUTION!

- To avoid vehicle damage, Surround View should only be used as a parking aid. The Surround View camera is unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using Surround View to be able to stop in time when an obstacle is seen. It is recommended that the driver look frequently over his/her shoulder when using Surround View.

ZOOM VIEW

When the Rear View Camera image is being displayed, and the vehicle speed is below 8 mph (13 km/h) while in any gear selector position, Zoom View is available.

By pressing the “magnifying glass” icon in the upper left of the display screen, the image will zoom in to two times the standard view.

Pressing the icon a second time will return the view to the standard Back Up Camera display.

When Zoom View is selected while the vehicle is in REVERSE, then shifted to DRIVE, the camera delay view will display the standard Back Up Camera view. If the vehicle is then returned to REVERSE gear from DRIVE, the Zoom View selection will automatically resume.

Shifting to NEUTRAL from any gear will maintain the selected view (Zoom or Standard) as long as the vehicle is below 8 mph (13 km/h).

If the vehicle is in PARK, Zoom View is available until the gear selector is placed in DRIVE or REVERSE and speeds are at or above 8 mph (13 km/h).

NOTE:

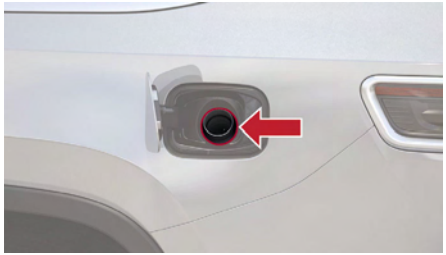
- If the vehicle is in DRIVE, NEUTRAL, or REVERSE, and speed is greater than or equal to 8 mph (13 km/h), Zoom View is unavailable and the icon will appear gray.
- While in Zoom View, the guidelines will not be visible.

REFUELING THE VEHICLE

1. Open the fuel filler door by pushing on the outer edge of the fuel door near the center to unlatch. Then use a finger to rotate the door to the full open position.
2. Insert the fuel nozzle fully into the filler pipe – the nozzle opens and holds the flapper doors while refueling.

   NOTE:

   Only the correct size nozzle opens the latches allowing the flapper doors to open.



Fuel Filler

3. Fill the vehicle with fuel – when the fuel nozzle "clicks" or shuts off the fuel tank is full.
4. Wait five seconds before removing the fuel nozzle to allow fuel to drain from nozzle.
5. Remove the fuel nozzle and close the fuel door. Engage the fuel door latch by pushing on the outer edge near the center.

WARNING!

- Never have any smoking materials lit in or near the vehicle when the fuel door is open or the tank is being filled.
- Never add fuel when the engine is running. This is in violation of most state and federal fire regulations and may cause the Malfunction Indicator Light to turn on.
- A fire may result if fuel is pumped into a portable container that is inside of a vehicle. You could be burned. Always place fuel containers on the ground while filling.

CAUTION!

To avoid fuel spillage and overfilling, do not "top off" the fuel tank after filling.

VEHICLE LOADING

GROSS VEHICLE WEIGHT RATING (GVWR)

The GVWR is the total allowable weight of your vehicle. This includes driver, passengers, cargo and tongue weight. The total load must be limited so that you do not exceed the GVWR.

PAYLOAD

The payload of a vehicle is defined as the allowable weight a vehicle can carry, including the weight of the driver, all passengers, options and cargo.

GROSS AXLE WEIGHT RATING (GAWR)

The GAWR is the maximum permissible load on the front and rear axles. The load must be distributed in the cargo area so that the GAWR of each axle is not exceeded.

Each axle GAWR is determined by the components in the system with the lowest load carrying capacity (axle, springs, tires or wheels). Heavier axles, or suspension components sometimes specified by purchasers for increased durability, do not necessarily increase the vehicle's GVWR or GAWR.

TIRE SIZE

The tire size on the Vehicle Certification Label represents the actual tire size on your vehicle. Replacement tires must be equal to the load capacity of this tire size.

RIM SIZE

This is the rim size that is appropriate for the tire size listed.

INFLATION PRESSURE

This is the cold tire inflation pressure for your vehicle for all loading conditions up to full GAWR.

CURB WEIGHT

The curb weight of a vehicle is defined as the total weight of the vehicle with all fluids, including vehicle fuel, at full capacity conditions, and with no occupants or cargo loaded into the vehicle. The front and rear curb weight values are determined by weighing your vehicle on a commercial scale before any occupants or cargo are added.

LOADING

The actual total weight and the weight of the front and rear of your vehicle at the ground can best be determined by weighing it when it is loaded and ready for operation.

The entire vehicle should first be weighed on a commercial scale to ensure that the GVWR has not been exceeded. The weight on the front and rear of the vehicle should then be determined separately to be sure that the load is properly distributed over the front and rear axles. Weighing the vehicle may show that the GAWR of either the front or rear axles has been exceeded but the total load is within the specified GVWR. If so, weight must be shifted from front to rear or rear to front as appropriate until the specified weight limitations are met. Store the heavier items down low and be sure that the weight is distributed equally. Stow all loose items securely before driving.

NOTE:

- Improper weight distributions can have an adverse effect on the way your vehicle steers and handles and the way the brakes operate.
- Air suspension vehicle may limit off-road heights if loaded beyond recommended values for vehicle GVWR and GAWR.

WARNING!
Do not load your vehicle any heavier than the GVWR or the maximum front and rear GAWR. If you do, parts on your vehicle can break, or it can change the way your vehicle handles. This could cause you to lose control. Overloading can shorten the life of your vehicle.

TRAILER TOWING

In this section you will find safety tips and information on limits to the type of towing you can reasonably do with your vehicle. Before towing a trailer, carefully review this information to tow your load as efficiently and safely as possible.

To maintain the New Vehicle Limited Warranty coverage, follow the requirements and recommendations in this manual concerning vehicles used for trailer towing.

COMMON TOWING DEFINITIONS

The following trailer towing related definitions will assist you in understanding the following information:

Gross Vehicle Weight Rating (GVWR)

The GVWR is the total allowable weight of your vehicle. This includes driver, passengers, cargo and tongue weight. The total load must be limited so that you do not exceed the GVWR ⇨ page 153.

Gross Trailer Weight (GTW)

The GTW is the weight of the trailer plus the weight of all cargo, consumables and equipment (permanent or temporary) loaded in or on the trailer in its "loaded and ready for operation" condition.

The recommended way to measure GTW is to put your fully loaded trailer on a vehicle scale. The entire weight of the trailer must be supported by the scale.

WARNING!
If the gross trailer weight is 5,000 lb (2,267 kg) or more, it is recommended to use a weight-distributing hitch to ensure stable handling of your vehicle. If you use a standard weight-carrying hitch, you could lose control of your vehicle and cause a collision.

Gross Combination Weight Rating (GCWR)

The GCWR is the total allowable weight of your vehicle and trailer when weighed in combination.

Gross Axle Weight Rating (GAWR)

The GAWR is the maximum capacity of the front and rear axles. Distribute the load over the front and rear axles evenly. Make sure that you do not exceed either front or rear GAWR ⇨ page 153.

WARNING!

It is important that you do not exceed the maximum front or rear GAWR. A dangerous driving condition can result if either rating is exceeded. You could lose control of the vehicle and have a collision.

Tongue Weight (TW)

The TW is the downward force exerted on the hitch ball by the trailer. You must consider this as part of the load on your vehicle.

Trailer Frontal Area

The frontal area is the maximum height multiplied by the maximum width of the front of a trailer.

Trailer Sway Control (TSC)

The TSC can be a mechanical telescoping link that can be installed between the hitch receiver and the trailer tongue that typically provides adjustable friction associated with the telescoping motion to dampen any unwanted trailer swaying motions while traveling.

If equipped, the electronic TSC recognizes a swaying trailer and automatically applies individual wheel brakes and/or reduces engine power to attempt to eliminate the trailer sway.

Weight-Carrying Hitch

A weight-carrying hitch supports the trailer tongue weight, just as if it were luggage located at a hitch ball or some other connecting point of the vehicle. These kinds of hitches are used to tow small and medium sized trailers.

Weight-Distributing Hitch

A Weight-Distributing Hitch system works by applying leverage through spring (load) bars. They are typically used for heavier loads to distribute trailer tongue weight to the tow vehicle's front axle and the trailer axle(s). When used in accordance with the manufacturer's directions, it provides for a more level ride, offering more consistent steering and brake control thereby enhancing towing safety. The addition of a friction/hydraulic sway control also dampens sway caused by traffic and crosswinds and contributes positively to tow vehicle and trailer stability. Trailer sway control and a weight-distributing (load equalizing) hitch are recommended for heavier Tongue Weights (TW) and may be required depending on vehicle and trailer configuration/loading to comply with Gross Axle Weight Rating (GAWR) requirements.

WARNING!

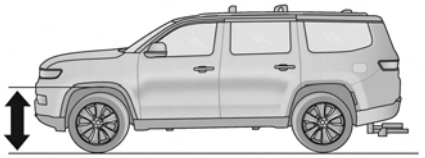
- An improperly adjusted Weight-Distributing Hitch system may reduce handling, stability, braking performance, and could result in a collision.
- Weight-Distributing Hitch systems may not be compatible with surge brake couplers. Consult with your hitch and trailer manufacturer or a reputable Recreational Vehicle dealer for additional information.

RECOMMENDED DISTRIBUTION HITCH ADJUSTMENT — QUADRA-LIFT AIR SUSPENSION EQUIPPED VEHICLES

1. Verify that the vehicle is at the Normal Ride Height.

   NOTE:
   The vehicle must remain in the RUN position with all doors closed while attaching a trailer for proper leveling of the air suspension system.

2. Position the vehicle on a level surface in preparation to connect to the trailer (do not connect the trailer).
3. For vehicles equipped with Quadra-Lift air suspension, use the touchscreen radio settings to enable Tire/Jack mode. Tire/Jack mode will be canceled and the procedure must be restarted if the vehicle is driven at speeds above 5 mph (8 km/h). When towing, the automatic Entry/Exit feature may be disabled through the Uconnect Touchscreen Radio to prevent vehicle and trailer movement when gear selector is moved to PARK.
4. Measure the height from the top of the front wheel opening on the fender to the ground; this is height H1.



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Measuring Height (H)

5. Attach the loaded trailer to the vehicle without the weight distribution bars connected.
6. Measure the height from the top of the front wheel opening on the fender to the ground; this is height H2.
7. Install and adjust the tension in the weight-distributing bars per the manufacturers' recommendations so that the height of the front fender is approximately (H2-H1)/2+H1 (about 1/2 the difference between H2 and H1 above Normal Ride Height [H1]).
8. Use the touchscreen radio settings and switch off Tire/Jack mode. Make sure the vehicle returns to Normal Ride Height. Perform a visual inspection of the trailer and weight-distributing hitch to confirm the manufacturers' recommendations have been met.
9. The vehicle can now be driven.

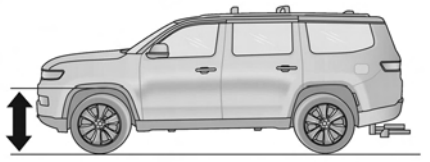
Measurement Example	Example Height (mm)
H1	925
H2	946
H2-H1	21
(H2-H1)/2	10.5
(H2-H1)/2 + H1	935.5

NOTE:

For all towing conditions, we recommend towing with TOW/HAUL mode engaged (if equipped).

RECOMMENDED DISTRIBUTION HITCH ADJUSTMENT — NON-AIR SUSPENSION EQUIPPED VEHICLES

1. Verify that the vehicle is at the normal ride height.
2. Position the vehicle on a level surface in preparation to connect to the trailer (do not connect the trailer).
3. Measure the height from the top of the front wheel opening on the fender to the ground; this is height H1.



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Measuring Height (H)

4. Attach the loaded trailer to the vehicle without the weight distribution bars connected.
5. Ensure the trailer is properly secured to the hitch, including the safety chains, lighting, and trailer brake controls.
6. Cautiously drive the vehicle and trailer at 20-25 mph (30-40 km/h) for approximately 3 miles (5 km) to re-level the suspension.
7. Park the vehicle and trailer on a level surface.
8. Measure the height from the top of the front wheel opening on the fender to the ground; this is height H2.
9. Install and adjust the tension in the weight-distributing bars per the manufacturers' recommendations so that the height of the front fender is approximately (H2-H1)/2+H1 (about 1/2 the difference between H2 and H1 above normal ride height [H1]).
10. Perform a visual inspection of the trailer and weight-distributing hitch to confirm the manufacturers' recommendations have been met.
11. The vehicle can now be driven.

Measurement Example	Example Height (mm)
H1	925
H2	946
H2-H1	21
(H2-H1)/2	10.5
(H2-H1)/2 + H1	935.5

NOTE:

For all towing conditions, we recommend towing with TOW/HAUL mode engaged (if equipped).

TRAILER HITCH CLASSIFICATION

The following chart provides the industry standard for the maximum trailer weight a given trailer hitch class can tow and should be used to assist you in selecting the correct trailer hitch for your intended towing condition.

Trailer Hitch Classification Definitions	
Class	**Max. Trailer Hitch Industry Standards**
Class I - Light Duty	2,000 lb (907 kg)
Class II - Medium Duty	3,500 lb (1,587 kg)
Class III - Heavy Duty	6,000 lb (2,722 kg)
Class IV - Extra Heavy Duty	10,000 lb (4,535 kg)
Refer to the “Trailer Towing Weights (Maximum Trailer Weight Ratings)” chart for the Maximum Gross Trailer Weight (GTW) towable for your given drivetrain.	
All trailer hitches should be professionally installed on your vehicle.	

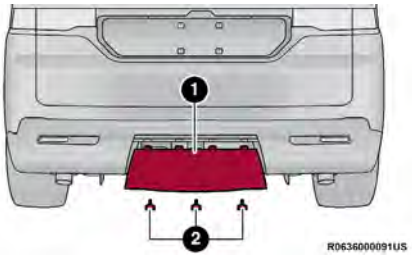
TRAILER TOWING WEIGHTS (MAXIMUM TRAILER WEIGHT RATINGS)

Model	GCWR	Maximum GTW	Maximum TW
Wagoneer/Grand Wagoneer	14,600 lb (6,622 kg)	7,700 lb (3,492 kg)	385 lb (175 kg)
When towing a trailer the technically permissible laden weight may be exceeded by not more than 10% or 220 lb (100 kg), whichever is lower provided that the operating speed is restricted to 62 mph (100 km/h) or less.			

TRAILER HITCH RECEIVER COVER REMOVAL — IF EQUIPPED

Your vehicle may be equipped with a trailer hitch receiver cover, this must be removed to access the trailer hitch receiver. This cover is located at the bottom center of the rear fascia/bumper.

1. Turn the three locking retainers located at the bottom of the hitch receiver cover a quarter turn counterclockwise and pull bottom of the hitch receiver cover outward (towards you).
2. Pull the bottom of the cover outward (towards you) then downwards to disengage the tabs located at the top of the hitch receiver cover to remove.



Hitch Receiver Cover

1 — Hitch Receiver Cover
2 — Locking Retainers

To reinstall the cover after towing repeat the procedure in reverse order.

NOTE:
Be sure to engage all tabs and fully seat the hitch receiver cover in the fascia/bumper prior to installation of the quarter turn fasteners.

TRAILER AND TONGUE WEIGHT

Never exceed the maximum tongue weight stamped on your bumper or trailer hitch.

WARNING!

Always load a trailer with 60% of the weight in the front of the trailer. This places 10% of the GTW on the tow hitch of your vehicle. Loads balanced over the wheels or heavier in the rear can cause the trailer to sway severely side to side which will cause loss of control of the vehicle and trailer. Failure to load trailers heavier in front is the cause of many trailer collisions.

Consider the following items when computing the weight on the rear axle of the vehicle:

- The TW of the trailer.
- The weight of any other type of cargo or equipment put in or on your vehicle.
- The weight of the driver and all passengers.

NOTE:
Remember that everything put into or on the trailer adds to the load on your vehicle. Also, additional factory-installed options or authorized dealer-installed options must be considered as part of the total load on your vehicle. Refer to the Tire And Loading Information Placard for the maximum combined weight of occupants and cargo for your vehicle.

TOWING REQUIREMENTS

To promote proper break-in of the new vehicle drivetrain components, the following guidelines are recommended.

CAUTION!

- Do not tow a trailer at all during the first 500 miles (805 km) the new vehicle is driven. The engine, axle or other parts could be damaged.
- Then, during the first 500 miles (805 km) that a trailer is towed, do not drive over 50 mph (80 km/h) and do not make starts at full throttle. This helps the engine and other parts of the vehicle wear in at the heavier loads.

Perform the maintenance listed in the “Service and Warranty Handbook (Auto Biography)”. Refer to “Service And Warranty Handbook (Auto Biography)” for the proper maintenance intervals. When towing a trailer, never exceed the GAWR or GCWR ratings.

WARNING!

Improper towing can lead to a collision. Follow these guidelines to make your trailer towing as safe as possible:

- Make certain that the load is secured in the trailer and will not shift during travel. When trailering cargo that is not fully secured, dynamic load shifts can occur that may be difficult for the driver to control. You could lose control of your vehicle and have a collision.

(Continued)

WARNING!

- When hauling cargo or towing a trailer, do not overload your vehicle or trailer. Overloading can cause a loss of control, poor performance or damage to brakes, axle, engine, transmission, steering, suspension, chassis structure or tires.
- Safety chains must always be used between your vehicle and trailer. Always connect the chains to the hook retainers of the vehicle hitch. Cross the chains under the trailer tongue and allow enough slack for turning corners.
- Vehicles with trailers should not be parked on a grade. When parking, apply the parking brake on the tow vehicle. Put the tow vehicle transmission in PARK (P). For four-wheel drive vehicles, make sure the transfer case is not in NEUTRAL (N). Always, block or "chock" the trailer wheels.
- GCWR must not be exceeded.
- **Total weight must be distributed between the tow vehicle and the trailer such that the following four ratings are not exceeded**:
  - GVWR
  - GTW
  - GAWR
  - Tongue weight rating for the trailer hitch utilized

Towing Requirements — Tires

- Do not attempt to tow a trailer while using a compact spare tire.
- Do not drive more than 50 mph (80 km/h) when towing while using a full-size spare tire.
- Proper tire inflation pressures are essential to the safe and satisfactory operation of your vehicle.
- Check the trailer tires for proper tire inflation pressures before trailer usage.
- Check for signs of tire wear or visible tire damage before towing a trailer.
- Replacing tires with a higher load carrying capacity will not increase the vehicle's GVWR and GAWR limits.
- For further information ⇨ page 304.

Towing Requirements — Trailer Brakes

- Do **not** interconnect the hydraulic brake system or vacuum system of your vehicle with that of the trailer. This could cause inadequate braking and possible personal injury.
- An electronically actuated trailer brake controller is required when towing a trailer with electronically actuated brakes. When towing a trailer equipped with a hydraulic surge actuated brake system, an electronic brake controller is not required.
- Trailer brakes are recommended for trailers over 1,000 lb (453 kg) and required for trailers in excess of 2,000 lb (907 kg).

WARNING!

- Do not connect trailer brakes to your vehicle's hydraulic brake lines. It can overload your brake system and cause it to fail. You might not have brakes when you need them and could have an accident.
- Towing any trailer will increase your stopping distance. When towing, you should allow for additional space between your vehicle and the vehicle in front of you. Failure to do so could result in an accident.

CAUTION!

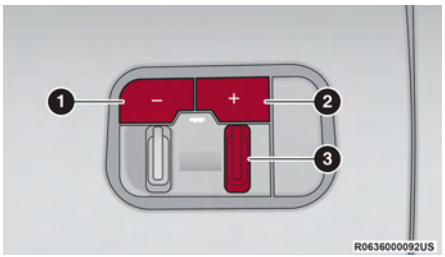
If the trailer weighs more than 1,000 lb (453 kg) loaded, it should have its own brakes and they should be of adequate capacity. Failure to do this could lead to accelerated brake lining wear, higher brake pedal effort, and longer stopping distances.

Integrated Trailer Brake Module (ITBM) — If Equipped

Your vehicle may have an ITBM for Electric and Electric Over Hydraulic (EOH) trailer brakes. The controller is located below the instrument panel on the right side of the steering column.

NOTE:

This module has been designed and verified with electric trailer brakes and EOH systems. Some previous EOH systems may not be compatible with ITBM.



Integrated Trailer Brake Module (ITBM)

1 — GAIN Adjustment Button
2 — GAIN Adjustment Button
3 — Manual Brake Control Lever

The user interface consists of the following:

Manual Brake Control Lever

Slide the manual brake control lever to the left to activate power to the trailer's electric brakes independent of the tow vehicle's brakes. If the manual brake control lever is activated while the brake is also applied, the greater of the two inputs determines the power sent to the trailer brakes.

The trailer and the vehicle's brake lamps will come on when either vehicle braking or manual trailer brakes are applied.

Trailer Brake Status Indicator Light

This light indicates the trailer electrical connection status.

If no electrical connection is detected after the ignition is turned on, pushing the GAIN adjustment button or sliding the manual brake control lever will display the GAIN setting for 10 seconds and the Trailer Brake Status Indicator Light will not be displayed.

If a fault is detected in the trailer wiring or the ITBM, the Trailer Brake Status Indicator Light will flash.

GAIN Adjustment Buttons (+/-)

Pushing these buttons will adjust the brake control power output to the trailer brakes in 0.5 increments. The GAIN setting can be increased to a maximum of 10 or decreased to a minimum of 0 (no trailer braking).

GAIN

The GAIN setting is used to set the trailer brake control for the specific towing condition and should be changed as towing conditions change. Changes to towing conditions include trailer load, vehicle load, road conditions and weather.

Adjusting GAIN

NOTE:

This should only be performed in a traffic free environment at speeds of approximately 20–25 mph (30–40 km/h).

1. Make sure the trailer brakes are in good working condition, functioning normally and properly adjusted. See a trailer dealer if necessary.
2. Hook up the trailer and make the electrical connections according to the trailer manufacturer's instructions.
3. When a trailer with electric/EOH brakes is plugged in, the trailer connected message should appear in the instrument cluster display (if the connection is not recognized by the ITBM, braking functions will not be available), the GAIN setting will illuminate and the correct type of trailer must be selected from the instrument cluster display options.
4. Push the UP or DOWN button on the steering wheel until “TRAILER TOW” appears on the screen.
5. Push the RIGHT arrow on the steering wheel to enter “TRAILER TOW”.
6. Push the UP or DOWN buttons until the “Trailer Brake Type” appears on the screen.
7. Push the RIGHT arrow and then push the UP or DOWN buttons until the proper Trailer Brake Type appears on the screen.
8. In a traffic-free environment, tow the trailer on a dry, level surface at a speed of 20–25 mph (30–40 km/h) and squeeze the manual brake control lever completely.
9. If the trailer wheels lockup (indicated by squealing tires), reduce the GAIN setting; if the trailer wheels turn freely, increase the GAIN setting.

Repeat steps 8 and 9 until the GAIN setting is at a point just below trailer wheel lockup. If towing a heavier trailer, trailer wheel lockup may not be attainable even with the maximum GAIN setting of 10.

Display Messages

The trailer brake control interacts with the instrument cluster display. Display messages, along with a single chime, will be displayed when a malfunction is determined in the trailer connection, trailer brake control, or on the trailer ⇨ page 88.

WARNING!

Connecting a trailer that is not compatible with the ITBM system may result in reduced or complete loss of trailer braking. There may be an increase in stopping distance or trailer instability which could result in personal injury.

CAUTION!

Connecting a trailer that is not compatible with the ITBM system may result in reduced or complete loss of trailer braking. There may be an increase in stopping distance or trailer instability which could result in damage to your vehicle, trailer, or other property.

NOTE:

- An aftermarket controller may be available for use with trailers with air or EOH trailer brake systems. To determine the type of brakes on your trailer and the availability of controllers, check with your trailer manufacturer or dealer.
- Removal of the ITBM will cause errors and it may cause damage to the electrical system and electronic modules of the vehicle. See an authorized dealer if an aftermarket module is to be installed.

Towing Requirements — Trailer Lights And Wiring

Whenever pulling a trailer, regardless of the trailer size, stop lights and turn signals on the trailer are required for motoring safety.

The Trailer Tow Package may include a wiring harness. Use a factory approved trailer harness and connector.

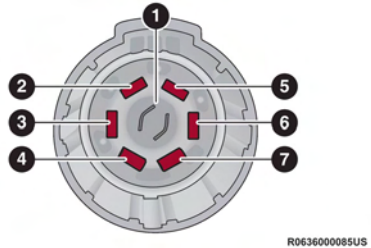
NOTE:

Do not cut or splice wiring into the vehicle's wiring harness.

The electrical connections are all complete to the vehicle but you must mate the harness to a trailer connector. Refer to the following illustrations.

NOTE:

- Disconnect the trailer wiring connector from the vehicle (or any other device plugged into the vehicle's electrical connectors) before launching a boat into water.
- Be sure to reconnect once clear from water area.



Seven-Pin Connector

1 — Backup Lamps
2 — Running Lamps
3 — Left Stop/Turn
4 — Ground
5 — Battery
6 — Right Stop/Turn
7 — Electric Brakes

13–Pin Connector — If Equipped

Pin Number	Function	Wire Color
1	Left Turn Signal	Black/White
2	Rear Fog Light	White
3 [a]	Ground/Common Return for Contacts (Pins) 1 and 2 and 4 to 8	Brown
4	Right Turn Signal	Black/Green
5	Right Rear Position, Side Marker Lights, and Rear Registration Plate Illumination Device. [b]	Green/Red
6	Stop Lights	Black/Red
7	Left Rear Position, Side Marker Lights, and Rear Registration Plate Illumination Device. [b]	Green/Black
8	Reverse Lights	Blue/Red
9	Permanent Power Supply (+12 Volt)	Red
10	Power Supply Controlled by Ignition Switch (+12 Volt)	Yellow
11 [a]	Return for Contact (Pin) 10	Yellow/Brown
12	Reserve for Future Allocation	–
13 [a]	Return for Contact (Pin) 9	Red/Brown

NOTE:
The allocation pin 12 has been changed from “Coding for Coupled Trailer” to “Reserve for Future Allocation.”

[a] The three return circuits shall not be connected electrically in the trailer.

[b] The rear position registration plate illumination device shall be connected such that no light of the device has a common connection with both pins 5 and 7.

TOWING TIPS

Before towing, practice turning, stopping, and backing up the trailer in an area located away from heavy traffic. If equipped with Quadra-Lift air suspension, the automatic Entry/Exit feature may be disabled through the Uconnect Touchscreen Radio to prevent vehicle and trailer movement when gear selector is moved to PARK.

Automatic Transmission

Select the DRIVE (D) range when towing. The transmission controls include a drive strategy to avoid frequent shifting when towing. However, if frequent shifting does occur while in DRIVE, you can use the Electronic Range Select (ERS) shift control to manually select a lower gear.

NOTE:

Using a lower gear while operating the vehicle under heavy loading conditions, will improve performance and extend transmission life by reducing excessive shifting and heat buildup. This action will also provide better engine braking.

Cruise Control — If Equipped

- Do not use on hilly terrain or with heavy loads.
- When using the Cruise Control, if you experience speed drops greater than 10 mph (16 km/h), disengage until you can get back to cruising speed.
- Use Cruise Control in flat terrain and with light loads to maximize fuel efficiency.

RECREATIONAL TOWING (BEHIND MOTORHOME)

TOWING THIS VEHICLE BEHIND ANOTHER VEHICLE

Towing Condition	Wheels OFF The Ground	Two-Wheel Drive Models	Four-Wheel Drive Models Without 4WD LOW Range	Four-Wheel Drive Models With 4WD LOW Range
Flat Tow	NONE	NOT ALLOWED	NOT ALLOWED	**See Instructions** • Transmission in PARK • Transfer case in N (Neutral) • Tow in forward direction • Disconnect negative battery cable
Dolly Tow	Front	**NOT ALLOWED**	**NOT ALLOWED**	**NOT ALLOWED**
	Rear	OK	**NOT ALLOWED**	**NOT ALLOWED**
On Trailer	ALL	OK	OK	OK

NOTE:

- When towing your vehicle, always follow applicable state and provincial laws. Contact state and provincial Highway Safety offices for additional details.
- Vehicles equipped with Quadra-Lift must be placed in Transport mode before tying them down (from the body) on a trailer or flatbed truck ⇨ page 118. If the vehicle cannot be placed in Transport mode (for example, engine will not run), tie-downs should be fastened over the tires using specific straps (not to the body). Failure to follow these instructions may cause fault codes to be set and/or cause loss of proper tie-down tension.

RECREATIONAL TOWING — TWO-WHEEL DRIVE MODELS

DO NOT flat tow this vehicle. Damage to the drivetrain will result.

Recreational towing (for two-wheel drive models) is allowed ONLY if the rear wheels are OFF the ground. This may be accomplished using a tow dolly or vehicle trailer. If using a tow dolly, follow this procedure:

1. Properly secure the dolly to the tow vehicle, following the dolly manufacturer's instructions.

   NOTE:
   If vehicle is equipped with Quadra-Lift air suspension, ensure the vehicle is set to Normal Ride Height.

2. Drive the rear wheels onto the tow dolly.
3. Apply the Electric Park Brake. Shift the transmission into PARK.
4. Turn the ignition OFF.
5. Properly secure the rear wheels to the dolly, following the dolly manufacturer's instructions.
6. Turn the ignition to the ON/RUN position, but do not start the engine.
7. Confirm that the steering column is unlocked.
8. Install a suitable clamping device, designed for towing, to secure the front wheels in the straight position.
9. Disconnect the negative battery cable, and secure it away from the battery post.

   NOTE:
   Disconnecting your vehicle battery will erase radio presets and may affect other vehicle settings. It may also trigger various fault codes, causing Malfunction Indicator Lamp (MIL) illumination when the battery is reconnected.

CAUTION!
Towing with the rear wheels on the ground will cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

RECREATIONAL TOWING — QUADRA-TRAC I (SINGLE-SPEED TRANSFER CASE) FOUR-WHEEL DRIVE MODELS

Recreational towing is not allowed. These models do not have a N (Neutral) position in the transfer case.

NOTE:
This vehicle may be towed on a flatbed or vehicle trailer provided all four wheels are **OFF** the ground.

CAUTION!
Towing this vehicle in violation of the previous requirements can cause severe transmission and/or transfer case damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

RECREATIONAL TOWING — QUADRA–TRAC II/QUADRA–DRIVE II FOUR-WHEEL DRIVE MODELS

The transfer case must be shifted into N (Neutral) and the transmission must be in PARK (P) for recreational towing. The N (Neutral) selection button is located by the selector switch.

CAUTION!

- DO NOT dolly tow any four-wheel drive vehicle. Towing with only one set of wheels on the ground (front or rear) will cause severe transmission and/or transfer case damage. Tow with all four wheels either ON the ground, or OFF the ground (using a vehicle trailer).
- Tow only in a forward direction. Towing this vehicle backwards can cause severe damage to the transfer case.
- The transmission must be in PARK for recreational towing.
- Before recreational towing, perform the procedure outlined under “Shifting into N (Neutral)” to be certain that the transfer case is fully in N (Neutral). Otherwise, internal damage will result.
- Towing this vehicle in violation of the previous requirements can cause severe transmission and/or transfer case damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.
- Do not use a bumper-mounted clamp-on tow bar on your vehicle. The bumper face bar will be damaged.

Shifting Into N (Neutral)

WARNING!

You or others could be injured or killed if you leave the vehicle unattended with the transfer case in the N (Neutral) position without first fully engaging the parking brake. The transfer case N (Neutral) position disengages both the front and rear driveshafts from the powertrain and will allow the vehicle to roll, even if the transmission is in PARK. The parking brake should always be applied when the driver is not in the vehicle.

CAUTION!

It is necessary to follow these steps to be certain that the transfer case is fully in N (Neutral) before recreational towing to prevent damage to internal parts.

Use the following procedure to prepare your vehicle for recreational towing:

1. Bring the vehicle to a complete stop on level ground, with the engine running.
2. Press and hold the brake pedal.
3. Shift the transmission into NEUTRAL.
4. If vehicle is equipped with Quadra-Lift air suspension, ensure the vehicle is set to Normal Ride Height.

NOTE:

- Steps 1 through 4 are requirements that must be met before pushing the N (Neutral) button, and must continue to be met until the shift has been completed. If any of these requirements are not met before pushing the N (Neutral) button or are no longer met during the shift, then the N (Neutral) indicator light will flash continuously until all requirements are met or until the N (Neutral) button is released.
- The ignition must be in the ON/RUN position for a shift to take place and for the position indicator lights to be operable. If the ignition is not in the ON/RUN position, the shift will not take place and no position indicator lights will be on or flashing.
- A flashing N (Neutral) position indicator light indicates that shift requirements have not been met.
- If the vehicle is equipped with Quadra-Lift air suspension, the engine should be started and left running for a minimum of 60 seconds (with all the doors closed) at least once every 24 hours. This process allows the air suspension to adjust the vehicle’s ride height to compensate for temperature effects.
- Engaging/disengaging of the Electric Park Brake requires the ignition to be in the ON/RUN position.

5. Using a ballpoint pen or similar object, push and hold the recessed transfer case NEUTRAL (N) button (located by the selector switch) for four seconds. The light behind the N symbol will blink, indicating shift in progress. The light will stop blinking (stay on solid) when the shift to NEUTRAL (N) is complete. A “FOUR WHEEL DRIVE SYSTEM IN NEUTRAL” message will appear in the instrument cluster.

N (Neutral) Button

6. After the shift is completed and the N (Neutral) light stays on, release the N (Neutral) button.
7. Shift the transmission into REVERSE or DRIVE.
8. Release the brake pedal for five seconds and ensure that there is no vehicle movement.
9. Press and hold the brake pedal. Shift the transmission back into NEUTRAL.
10. Apply the Electric Park Brake.
11. With the transmission and transfer case in N (Neutral), push and hold the ENGINE START/STOP button until the engine turns off. Ensure vehicle is in RUN position with the engine off.
12. Place the transmission gear selector in PARK. Release the brake pedal.
13. Push the ENGINE START/STOP button twice (without pressing the brake pedal), to turn the ignition to the OFF position.
14. Attach the vehicle to the tow vehicle using a suitable tow bar.
15. Release the Electric Park Brake. Ensure vehicle is in RUN position with the engine off.
16. Turn the ignition to the ON/RUN position, but do not start the engine.
17. Confirm that the steering column is unlocked.
18. Disconnect the negative battery cable, and secure it away from the negative battery post.

NOTE:

Disconnecting your vehicle battery will erase radio presets and may affect other vehicle settings. It may also trigger various fault codes, causing MIL illumination when the battery is reconnected.

Shifting Out Of N (Neutral)

Use the following procedure to prepare your vehicle for normal usage:

1. Bring the vehicle to a complete stop, leaving it connected to the tow vehicle.
2. Apply the Electric Park Brake.
3. Reconnect the negative battery cable.
4. Turn the ignition to the OFF position.
5. Start the engine.

NOTE:

- Steps 1 through 5 are requirements that must be met before pushing the N (Neutral) button, and must continue to be met until the shift has been completed. If any of these requirements are not met before pushing the N (Neutral) button or are no longer met during the shift, the N (Neutral) indicator light will flash continuously until all requirements are met or until the N (Neutral) button is released.
- The ignition must be in the ON/RUN position for a shift to take place and for the position indicator lights to be operable. If the ignition is not in the ON/RUN position, the shift will not take place and no position indicator lights will be on or flashing.
- A flashing N (Neutral) position indicator light indicates that shift requirements have not been met.

6. Press and hold the brake pedal.
7. Shift the transmission into NEUTRAL.
8. Using a ballpoint pen or similar object, push and hold the recessed transfer case N (Neutral) button (located by the selector switch) for two seconds.

N (Neutral) Button

9. When the N (Neutral) indicator light turns off, release the N (Neutral) button. After the N (Neutral) button has been released, the transfer case will shift to the position indicated by the selector switch.

10. Shift the transmission into PARK. Turn the engine off.
11. Release the brake pedal.
12. Disconnect vehicle from the tow vehicle.
13. Start the engine.
14. Press and hold the brake pedal.
15. Release the Electric Park Brake.
16. Shift the transmission into REVERSE or DRIVE, release the brake pedal, and check that the vehicle operates normally.

DRIVING TIPS

ON-ROAD DRIVING TIPS

Utility vehicles have higher ground clearance and a narrower track to make them capable of performing in a wide variety of off-road applications. Specific design characteristics give them a higher center of gravity than conventional passenger cars.

An advantage of the higher ground clearance is a better view of the road, allowing you to anticipate problems. They are not designed for cornering at the same speeds as conventional passenger cars any more than low-slung sports cars are designed to perform satisfactorily in off-road conditions. Avoid sharp turns or abrupt maneuvers. As with other vehicles of this type, failure to operate this vehicle correctly may result in loss of control or vehicle rollover.

OFF-ROAD DRIVING TIPS

Quadra-Lift — If Equipped

When off-roading, it is recommended that the lowest useable vehicle height that will clear the current obstacle or terrain be selected. The vehicle height should then be raised as required by the changes in terrain.

The Selec-Terrain switch will automatically change the vehicle to the optimized height based on the Selec-Terrain switch position. The vehicle height can be changed from the default height for each Selec-Terrain mode by normal use of the air suspension switches ⇨ page 116.

When To Use 4WD LOW — If Equipped

When off-road driving, shift to 4WD LOW for additional traction. This range should be limited to extreme situations such as deep snow, mud, or sand where additional low speed pulling power is needed. Vehicle speeds in excess of 25 mph (40 km/h) should be avoided when in 4WD LOW.

WARNING!

Do not drive in 4WD LOW on dry pavement; driveline damage may result. 4WD LOW locks front and rear drivelines together and does not allow for differential action between the front to rear driveshafts. Driving in 4WD LOW on pavement will cause driveline binding; use only on wet or slippery surfaces.

Driving Through Water

Although your vehicle is capable of driving through water, there are a number of precautions that must be considered before entering the water.

NOTE:

Your vehicle is capable of water fording in up to 20 inches (51 cm) of water, while crossing small rivers or streams. To maintain optimal performance of your vehicle's heating and ventilation system it is recommended to switch the system into recirculation mode during water fording.

CAUTION!

When driving through water, do not exceed 5 mph (8 km/h). Always check water depth before entering as a precaution, and check all fluids afterward. Driving through water may cause damage that may not be covered by the New Vehicle Limited Warranty.

Driving through water more than a few inches/centimeters deep will require extra caution to ensure safety and prevent damage to your vehicle. If you must drive through water, try to determine the depth and the bottom condition (and location of any obstacles) prior to entering. Proceed with caution and maintain a steady controlled speed less than 5 mph (8 km/h) in deep water to minimize wave effects.

Flowing Water

If the water is swift flowing and rising (as in storm runoff), avoid crossing until the water level recedes and/or the flow rate is reduced. If you must cross flowing water avoid depths in excess of 9 inches (23 cm). The flowing

water can erode the streambed, causing your vehicle to sink into deeper water. Determine exit point(s) that are downstream of your entry point to allow for drifting.

Standing Water

Avoid driving in standing water deeper than 24 inches (60 cm), and reduce speed appropriately to minimize wave effects. Maximum speed is 5 mph (8 km/h).

Maintenance

After driving through deep water, inspect your vehicle fluids and lubricants (engine oil, transmission oil, axle, transfer case) to ensure the fluids have not been contaminated. Contaminated fluid (milky, foamy in appearance) should be flushed/changed as soon as possible to prevent component damage.

Driving In Snow, Mud And Sand

In heavy snow, when pulling a load, or for additional control at slower speeds, shift the transmission to a low gear and shift the transfer case to 4WD LOW if necessary ⇨ page 116. Only shift into a lower gear to maintain forward motion. Over-revving the engine can spin the wheels and traction will be lost.

Avoid abrupt downshifts on icy or slippery roads, because engine braking may cause skidding and loss of control.

Hill Climbing

NOTE:

Before attempting to climb a hill, determine the conditions at the crest and/or on the other side.

Before climbing a steep hill, shift the transmission to a lower gear and shift the transfer case to 4WD LOW. Use FIRST gear and 4WD LOW for very steep hills.

If you stall or begin to lose forward motion while climbing a steep hill, allow your vehicle to come to a stop and immediately apply the brakes. Restart the engine, and shift into REVERSE (R). Back slowly down the hill, allowing the compression braking of the engine to help regulate your speed. If the brakes are required to control vehicle speed, apply them lightly and avoid locking or skidding the tires.

WARNING!
If the engine stalls, you lose forward motion, or cannot make it to the top of a steep hill or grade, never attempt to turn around. To do so may result in tipping and rolling the vehicle. Always back carefully straight down a hill in REVERSE gear. Never back down a hill in NEUTRAL using only the brake.

Remember, never drive diagonally across a hill. Always drive straight up or down.

If the wheels start to slip as you approach the crest of a hill, ease off the accelerator and maintain forward motion by turning the front wheels slowly. This may provide a fresh “bite” into the surface and will usually provide traction to complete the climb.

Traction Downhill

When descending mountains or hills, use Hill Descent Control or Selec-Speed Control to avoid repeated heavy braking.

If not equipped with Hill Descent Control or Selec-Speed Control use the following procedure:

Shift the transmission into a low gear, and the transfer case into 4WD LOW range. Let the vehicle go slowly down the hill with all four wheels turning against engine compression drag. This will permit you to control the vehicle speed and direction.

When descending mountains or hills, repeated braking can cause brake fade with loss of braking control. Avoid repeated heavy braking by downshifting the transmission whenever possible.

After Driving Off-Road

Off-road operation puts more stress on your vehicle than does most on-road driving. After going off-road, it is always a good idea to check for damage. That way you can get any problems taken care of right away and have your vehicle ready when you need it.

- Completely inspect the underbody of your vehicle. Check tires, body structure, steering, suspension, and exhaust system for damage.
- Inspect the radiator for mud and debris and clean as required.
- Check threaded fasteners for looseness, particularly on the chassis, drivetrain components, steering, and suspension. Retighten them, if required, and torque to the values specified in the Service Manual.
- Check for accumulations of plants or brush. These things could be a fire hazard. They might hide damage to fuel lines, brake hoses, axle pinion seals, and propeller shafts.
- After extended operation in mud, sand, water, or similar dirty conditions, have the radiator, fan, brake rotors, wheels, brake linings, and axle yokes inspected and cleaned as soon as possible.

WARNING!

Abrasive material in any part of the brakes may cause excessive wear or unpredictable braking. You might not have full braking power when you need it to prevent a collision. If you have been operating your vehicle in dirty conditions, get your brakes checked and cleaned as necessary.

- If you experience unusual vibration after driving in mud, slush or similar conditions, check the wheels for impacted material. Impacted material can cause a wheel imbalance and freeing the wheels of it will correct the situation.

MULTIMEDIA

UCONNECT SYSTEMS

For detailed information about your Uconnect 5/5 NAV With 10.1-inch Display or Uconnect 5 NAV With 12-inch Display system, refer to your Uconnect Radio Instruction Manual.

NOTE:
Uconnect screen images are for illustration purposes only and may not reflect exact software for your vehicle.

CYBERSECURITY

Depending on applicability, your vehicle may be able to send or receive information from a wired or wireless network. This information allows systems and features in your vehicle to function properly.

Your vehicle may be equipped with certain security features to reduce the risk of unauthorized and unlawful access to vehicle systems and wireless communications. Vehicle software technology continues to evolve over time and FCA, working with its suppliers, evaluates and takes appropriate steps as needed. As always, if you experience unusual behavior, contact an authorized dealer immediately or ⇨ page 318.

The risk of unauthorized and unlawful access to your vehicle systems may still exist, even if the most recent version of vehicle software (such as Uconnect software) is installed.

WARNING!

- ONLY insert trusted media devices/components into your vehicle. Media of unknown origin could possibly contain malicious software, and if installed in your vehicle, it may increase the possibility for vehicle systems to be breached.
- As always, if you experience unusual vehicle behavior, contact an authorized dealer immediately.

UCONNECT SETTINGS

The Uconnect system uses a combination of buttons on the touchscreen and buttons on the faceplate located on the center of the instrument panel. These buttons allow you to access and change the customer programmable features. Many features can vary by vehicle.

Buttons on the faceplate are located below and/or beside the Uconnect system in the center of the instrument panel. In addition, there is a SCROLL/ENTER control knob located on the right side. Turn the control knob to scroll through menus and change settings. Push the center of the control knob one or more times to select or change a setting.

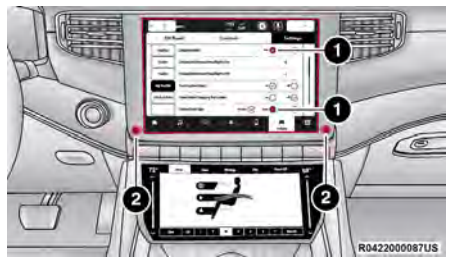
Your Uconnect system may also have SCREEN OFF and MUTE buttons on the faceplate.

Push the SCREEN OFF button on the faceplate to turn off the Uconnect screen. Push the button again or tap the screen to turn the screen on.

Press the Back Arrow button to exit out of a Menu or certain option on the Uconnect system.

Push and hold the Power button on the radio's faceplate for a minimum of 15 seconds to reset the radio.

CUSTOMER PROGRAMMABLE FEATURES



Uconnect 5 NAV With 12-inch Display

1 — Uconnect Buttons On The Touchscreen
2 — Uconnect Buttons On The Faceplate

Press the Vehicle button, then press the Settings tab at the top of the touchscreen. In this menu, the Uconnect system allows you to access all of the available programmable features.

NOTE:

- Only one touchscreen area may be selected at a time.
- Depending on the vehicle's options, feature settings may vary.
- Push the Open/Close button on the Front Comfort And Convenience Display to access the fold-out screen.

When making a selection, press the button on the touchscreen to enter the desired menu. Once in the desired menu, press and release the preferred setting option until a check mark appears next to the setting, showing that setting has been selected. Once the setting is complete, press the Vehicle button to exit to the screen. Pressing the Up or Down Arrow button on the right side of the screen will allow you to toggle up or down through the available settings.

Display

When the Display button is pressed on the touchscreen, the system will display the options related to the theme (if equipped), brightness, and color of the touchscreen. The available settings are:

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Language	This setting will change the language of the Uconnect system. The available languages are Português Brasileiro, Deutsch, English, Español, Français, Italiano, Nederlands, Polski, Türk, Русский, and Arabic.
Display Mode	This setting will allow you to set the brightness manually or have the system set it automatically. The "Auto" setting has the system automatically adjust the display brightness. The "Manual" setting will allow the user to adjust the brightness of the display.
Display Brightness With Headlights ON	This setting will allow you to set the brightness when the headlights are on. To access this setting, Display Mode must be set to "Manual". The "+" setting will increase the brightness; the "-" will decrease the brightness.
Display Brightness With Headlights OFF	This setting will allow you to set the brightness when the headlights are off. To access this setting, Display Mode must be set to "Manual". The "+" setting will increase the brightness; the "-" will decrease the brightness.
Set Theme	This setting will allow you to change the display theme.
Theme Mode	This setting will allow you to adjust the brightness of your theme. Setting options are "Light", "Dark" and "Auto". Select to show themes in Light or Dark mode. "Auto" changes the theme with the headlights.
Units	This setting will allow you to change the units. The available options are "Speed" (mph or km/h), "Distance" (mi or km), "Current Consumption" (mpg [US], mpg [UK], L/100 km, or km/L), "Pressure" (psi, kPa, or bar), and "Temperature" (°C or °F) units of measurement independently.
Touchscreen Beep	This setting will allow you to turn the touchscreen beep on or off.
Show Main Category Bar Labels	This setting will allow you to turn the bottom main category bar labels on or off.
Control Screen Timeout	This setting allows you to set the Control Screen to turn off automatically after five seconds or stay open until manually closed.

Setting Name	Description
Navigation Next Turn Pop-ups Displayed In Cluster	This setting will display Navigation prompts in the Instrument Cluster Display.
Phone Pop-ups Displayed In Cluster	This setting will display smartphone notifications and messages in the Instrument Cluster Display.
Message Pop-Ups Displayed with Button Press	This setting will turn message notifications on or off.
Ready To Drive Pop-ups	This setting will enable the Ready To Drive pop-ups in the Instrument Cluster Display.

Entertainment Screens

When the Entertainment Screens button is pressed on the touchscreen, the system displays the different options related to the vehicle's Entertainment system.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Passenger Screen Permissions	This setting will enable or disable Passenger Screen Permissions. The options within this setting are "Navigation", "Device Manager", and "Uconnect Theater" all with "On" and "Off" options.
Rear Seat Screen Permissions	This setting will enable or disable your Rear Seat Screen Permissions. "On" and "Off" options are found within "Navigation".

My Profile

When the My Profile button is pressed on the touchscreen, the system displays options related to the vehicle's profiles.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Language	This setting will change the language of the Uconnect system. The available languages are Português Brasileiro, Deutsch, English, Español, Français, Italiano, Nederlands, Polski, Türk, Русский, and Arabic.
Display Mode	This setting will adjust the display for the radio to "Auto" or "Manual". "Manual" allows for more customization with the radio display.

Setting Name	Description
Display Brightness Headlights On	This setting will allow you to set the brightness when the headlights are on. To access this setting, Display Mode must be set to “Manual”. The “+” setting will increase the brightness; the “-” will decrease the brightness.
Display Brightness Headlights Off	This setting will allow you to set the brightness when the headlights are off. To access this setting, Display Mode must be set to “Manual”. The “+” setting will increase the brightness; the “-” will decrease the brightness.
Set Theme	This setting will allow you to change the display theme.
Theme Mode	This setting will allow you to adjust the brightness of your theme. Setting options are “Light”, “Dark” and “Auto”. Select to show themes in Light or Dark mode. “Auto” changes the theme with the headlights.
Units	This setting will allow you to change the units. The available options are “Speed” (mph or km/h), “Distance” (mi or km), “Current Consumption” (mpg [US], mpg [UK], L/100 km, or km/L), “Pressure” (psi, kPa, or bar), and “Temperature” (°C or °F) units of measurement independently.
Touchscreen Beep	This setting will allow you to turn the touchscreen beep on or off.
Show Main Category Bar Labels	This setting will allow the main category bar labels to be shown on or off.
Navigation Next Turn Pop-ups Displayed In Cluster	This setting will display Navigation prompts in the Instrument Cluster Display.
Phone Pop-ups Displayed In Cluster	This setting will display smartphone notifications and messages in the Instrument Cluster Display.
Message Pop-ups Displayed with Button Press	This setting will turn message notifications on or off.
System Text Size	This setting will allow you to change the text on the radio to “Standard”, “Large”, or “Taller”.
Time Format	This setting will allow you to set the time format (AM/PM). Sync Time With GPS must be Off for this setting to be available. The “12 hrs” setting will set the time to a 12-hour format. The “24 hrs” setting will set the time to a 24-hour format.
Voice Options	This setting will allow you to change the voice options for the radio to “Male” or “Female”.
Wake Up Word	This setting will allow you to set the system’s “Wake Up” word. An available option is “Hey Uconnect”.
Voice Barge-in	This setting will allow Voice Barge-in to be turned on or off. For more information about Voice Barge-in, refer to your Uconnect Radio Instruction Manual.
Show Command List	This setting will allow the Command List to be shown on or off.
Ambient Color Personalization	This setting will redirect to a new menu that will allow you to change the ambient lighting color in the cabin.
Radio Off Delay	This setting will keep the radio on for the selected amount of time after vehicle shut off. The available options are “0 sec”, “45 sec”, “5 min”, and “10 min”.

Setting Name	Description
Radio Off with Door	This setting will keep the radio on when a door is opened or until the Radio Off Delay time is reached. The available settings are “On” and “Off”.
Key Off Power Delay	This setting will keep certain electrical features running after the engine is turned off. When any door is opened, the electronics will deactivate. The available settings are “0 sec”, “45 sec”, “5 min”, and “10 min”.
App Drawer Favoriting Pop-ups	This setting will allow you to favorite app drawer pop-ups with “On” and “Off” options.
App Drawer Unfavoritings Pop-ups	This setting will allow you to unfavorite app drawer pop-ups with “On” and Off” options.
New Text Message Pop-ups	This setting will allow you to have pop-up notifications for new text messages. Setting options are “On” and “Off”.
Missed Calls Message	This setting will allow you to have pop-up notifications for missed calls. Setting options are “On” and “Off”.
Navigation Pop-ups	This setting will allow you to have pop-up notifications for Navigation. Setting options are “On” and “Off”.
Navigation Settings	This setting will redirect to the list of Navigation settings. Refer to your Uconnect Radio Instruction Manual for further information.
Auto-On Driver Heated/Ventilated Seat & Heated Steering Wheel With Vehicle Start	This setting will activate the vehicle’s comfort system and heated seats or heated steering wheel when the vehicle is remote started or ignition is started. The “Off” setting will not activate the comfort systems. The “Remote Start” setting will only activate the comfort systems when using Remote Start. The “All Start” setting will activate the comfort systems whenever the vehicle is started.
Audio Settings	This setting will open the submenu containing the audio settings ⇨ page 184.
TomTom Traffic And Travel Services	This setting will turn TomTom Traffic And Travel Services (if equipped) on or off. An active subscription is required for this feature to work.
Reset App Drawer to Default Order	This setting will reset the app drawer to its factory default layout.
Restore Settings to Default	This setting will return all the previously changed settings to their factory defaults.
More Profile Options	This setting will give access to more profile options.

Safety & Driving Assistance

When the Safety & Driving Assistance button is pressed on the touchscreen, the system displays the options related to the vehicle’s safety settings. These options will differ depending on the features equipped on the vehicle. The settings may display in list form or within subfolders on the screen. To access a subfolder, select the desired folder; the available options related to that feature will then display on the screen.

NOTE:
Depending on the vehicle’s options, feature settings may vary.

Setting Name	Description
Forward Collision Warning — Located In Automatic Emergency Braking Submenu	This setting will turn the Forward Collision Warning (FCW) system on or off. The “Off” setting will deactivate the FCW system. The “Warning Only” setting will provide only an audible chime when a collision is detected. The “Warning + Active Braking” setting will provide an audible chime and apply some brake pressure when a collision is detected.
Forward Collision Warning Sensitivity — Located In Automatic Emergency Braking Submenu	This setting will change the distance at which the Forward Collision Warning alert sounds. The “Medium” setting will have the FCW system signal when an object is in view, and the possibility of a collision is detected. The “Near” setting will have the FCW system signal when the object is closer to the vehicle. The “Far” setting will have the FCW system signal when an object is at a far distance from the vehicle.
Pedestrian Emergency Braking — Located In Automatic Emergency Braking Submenu	This setting will turn the Pedestrian Emergency Braking system on or off.
Night Vision Video Warning	This setting will turn the Night Vision Video Warning and green/gray cluster indicator light on or off.
ParkSense	This setting will change the type of ParkSense alert when a close object is detected and can provide both an audible chime and a visual display.
Front ParkSense Volume	This setting adjusts the volume of the Front ParkSense system. The available settings are “Low”, “Medium”, and “High”.
Rear ParkSense Volume	This setting adjusts the volume of the Rear ParkSense system. The available settings are “Low”, “Medium”, and “High”.
Active ParkSense Mode	This setting will adjust the level of vehicle control when the Active ParkSense Mode is active. The available settings are “Full Auto” and “Steering Only”.
Active ParkSense Proximity Chime	This setting will turn the Active ParkSense Proximity Chime on or off.
Side Distance Warning	This setting will adjust the warning for side distance. The available options are “Off”, “Sound Only”, and “Sound & Display”.
Drowsy Driver Alert	This setting will monitor the driver’s driving habits and warn you of any changes, indicating that the driver may be drowsy. The available options are “On” and “Off”.
Blind Spot Alert	This setting will change the type of alert provided when an object is detected in the vehicle’s blind spot. The “Off” setting will turn off Blind Spot Alert. The “Lights” setting will activate the Blind Spot Alert lights on the outside mirrors. The “Lights & Chime” setting will activate the lights on the outside mirrors and an audible chime.
Electric Power Steering Default	This setting will change the Electric Power Steering mode. The available options are “Comfort” for a lower effort steering experience, “Normal” for the standard effort steering experience, and “Sport” for a higher effort steering experience.
Power Side Step	This setting will activate the Power Side Step. The “Auto” setting will lower the step when the door is opened and retract it once the door is closed. The “Off” setting will deactivate the feature.
Hill Start Assist	This setting will turn the Hill Start Assist system on or off.
Tire Fill Assist	This setting will turn Tire Fill Assist on or off.

Setting Name	Description
Rear ParkSense Braking Assist	This setting will provide braking assist if the Rear ParkSense system senses a collision with an object.
Rear Seat Alert	When this setting is turned on and the rear doors are opened while the engine is running, or if the engine is turned on within 10 minutes of the door opening, a message will appear to check the rear seat when the vehicle is powered OFF.

Clock

When the Clock button is pressed on the touchscreen, the system displays the different options related to the vehicle's internal clock.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Sync Time With GPS	This setting will sync the time to the GPS receiver in the system. The system will control the time via the GPS location.
Set Time	This setting will allow you to set the hours and minutes. Sync Time With GPS must be off for this setting to be available. The "+" setting will increase the hours or minutes. The "-" setting will decrease the hours or minutes.
Time Format	This setting will allow you to set the time format (AM/PM). Sync Time With GPS must be off for this setting to be available. The "12 hrs" setting will set the time to a 12-hour format. The "24 hrs" setting will set the time to a 24-hour format.
Set Date	This setting will allow you to set the day, month and year. Using "+" or "-", you can scroll through the available days, months, and years.
Show Time and Date During Screen Off	This setting will allow you to show the time and date while the screen is off. Available options are "On" and "Off".
Set Time Hours	This setting will allow you to set the hours. Sync Time With GPS must be off for this setting to be available. The "+" setting will increase the hours. The "-" setting will decrease the hours.
Set Time Minutes	This setting will allow you to set the minutes. Sync Time With GPS must be off for this setting to be available. The "+" setting will increase the minutes. The "-" setting will decrease the minutes.
Show Time in Status Bar	This setting will place the time in the radio's status bar.

Phone/Bluetooth®

When the Phone/Bluetooth® button is pressed on the touchscreen, the system displays the options related to Bluetooth® connectivity from an external audio device or smartphone. The list of paired audio devices or smartphones can be accessed from this menu.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Device Manager	This setting will open the Device Manager main screen.
Do Not Disturb All	This setting will open the Do Not Disturb All Settings menu. The available options are "On" and "Off".
Enable Two Active Phones	This setting will enable or disable two active phones within the vehicle. The setting options are "On" and "Off".
Phone Pop-Ups Displayed In Cluster	This setting will activate phone message pop-ups in the Instrument Cluster Display.
Do Not Disturb	This setting will open the Do Not Disturb settings menu. The settings are "Auto Reply" (both, text, call), "Auto Reply Message" (custom, default), and "Custom Auto Reply Message" (create message).
Phone Repetition	This setting will turn the Phone Repetition function on or off.

Voice

When the Voice button is pressed on the touchscreen, the system displays the options related to the vehicle's Voice Recognition feature.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Primary Voice Assistant	This setting allows you to choose your voice assistant between "Alexa" and "Uconnect".
Voice Options	This setting will allow you to change the system's voice to either "Male" or "Female".
Wake Up Word	This setting will allow you to set the system's "Wake Up" word. An available option is "Hey Uconnect".
Voice Barge-In	This setting allows you to respond to a Voice Response before the statement is completed by the system. The available options are "On" and "Off".
Show Command List	This setting will allow you to turn the Command List on or off. The "Always" setting will always show the Command List. The "With Help" setting will show the Command List and provide a brief description of what the command does. The "Never" setting will turn the Command List off.

Navigation

When the Navigation button is pressed on the touchscreen, the system displays options related to the vehicle's built-in Navigation system. These settings can change which icons display on the map, how "time to arrival is calculated", and route types.
For more information on Navigation and settings, refer to your Uconnect Radio Instruction Manual.

Trailer

When the Trailer button is pressed on the touchscreen, the system will display settings related to trailer towing.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Current Trailer	Select from "Trailer 1", "Trailer 2", "Trailer 3", and "Trailer 4". These trailer designations can be used to save different trailer settings.
Trailer Name	This setting will personalize the trailer name depending on the type of trailer you are hauling. Select the trailer name from the following list: trailer, boat, car, cargo, dump, equipment, flatbed, horse, gooseneck, livestock, motorcycle, snowmobile, travel, utility, and 5th wheel.
Braking	This setting will set the system to a specific trailer type. The available options are "Light Electric", "Heavy Electric", "Light Electric Over Hydraulic", and "Heavy Electric Over Hydraulic".

Camera

When the Camera button is pressed on the touchscreen, the system displays the options related to the vehicle's camera features.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Surround View Camera Delay	This setting will add a timed delay to the Surround View Camera when shifting out of REVERSE.
Surround View Camera Guidelines	This setting will turn the Surround View Camera Guidelines on or off.
ParkView Backup Camera Delay	This setting will add a timed delay to the ParkView Backup Camera when shifting out of REVERSE.
ParkView Backup Camera Active Guidelines	This setting will turn the ParkView Backup Camera Active Guidelines on or off.
Forward Facing Camera Guidelines	This setting will turn the Forward Facing Camera Guidelines on or off.

Mirrors & Wipers

When the Mirrors & Wipers button is pressed on the touchscreen, the system displays the options related to the vehicle's mirrors and wipers.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Tilt Side Mirrors In Reverse	This setting will tilt the outside side-view mirrors when the ignition is in the ON/RUN position and the transmission gear selector is in the REVERSE position. The mirrors will move back to their previous position when the transmission is shifted out of REVERSE. The available settings are "On" and "Off".
Rain Sensing Auto Wipers	This setting will turn the Rain Sensing Auto Wipers on or off.
Headlights With Wipers	This setting will turn the headlights on when the wipers are activated. Setting options are "On" and "Off".

Lights

When the Lights button is pressed on the touchscreen, the system displays the options related to the vehicle's exterior and interior lights.

NOTE:
- When the "Daytime Running Lights" feature is selected, the daytime running lights can be turned on or off. This feature is only allowed by law in the country of the vehicle purchase.
- Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Ambient Color Personalization	This setting will redirect to a new menu that will allow you to change the ambient lighting color in the cabin.
Interior Ambient Lighting	This setting will allow you to adjust the brightness of the interior ambient lights. The available options are "Level 1" through "Level 6".
Headlight Off Delay	This setting will allow you to set the amount of time it takes for the headlights to shut off after the vehicle is turned off. The available settings are "0 sec", "30 sec", "60 sec", and "90 sec".
Headlight Illumination On Approach	This setting will allow you to set the amount of time it takes for the headlights to shut off after the vehicle is unlocked. "Greeting Lights" must be selected and "Headlight Illumination On Approach" must be selected above 0 seconds for the feature to be enabled. The available settings are "0 sec", "30 sec", "60 sec", and "90 sec".
Headlights with Wipers	This setting will turn the headlights on when the wipers are activated.
Proximity Wake-Up	Proximity detection is a system which activates specific interior and exterior lights as the vehicle is approached with a valid key fob. This feature provides an increased sense of welcome and security as the user enters the vehicle in the dark. This setting will turn the Proximity Wake-Up on or off. **NOTE:** For the exterior lighting to be activated, "Headlight Illumination On Approach" must be set to a value other than zero.
Greeting Lights	When the "Greeting Lights" feature is selected, it enables "Headlight Illumination On Approach". When "Headlight Illumination On Approach" is selected, it allows the adjustment of the amount of time the headlights remain on after the doors are unlocked with the key fob. "Greeting Lights" must be selected and "Headlight Illumination On Approach" must be selected above zero seconds for the feature to be enabled. The available settings are "On" and "Off".
Auto Dim High Beams	This setting will allow you to turn the Auto Dim High Beams on or off.
Daytime Running Lights	This setting will allow you to turn the Daytime Running Lights on or off.
Cornering Lights	When this setting is selected, if the steering wheel rotation angle is large or the turn signal indicators are on, a light (incorporated in the fog light) will turn on, on the relevant side to improve visibility at night.
Flash Lights With Lock	This setting will allow you to turn the flashing of the lights when the Lock button is pushed on the key fob on or off. Available settings are "On" and "Off".
Flash Lights With Suspension Lower	This setting will allow you to turn the flashing of the lights when the Suspension Lowering button is pushed on the key fob on or off.

Brakes

When the Brakes button is pressed on the touchscreen, the system will display the settings related to the vehicle's Brake system.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Auto Park Brake	This setting will turn the Auto Park Brake on or off.
Brake Service	This setting will allow you to set the brakes for service. When the setting is selected, a pop-up will display "Yes" and "No" options.

Doors & Locks

When the Doors & Locks button is pressed on the touchscreen, the system displays the options related to locking and unlocking the vehicle's doors.

NOTE:
- The Auto Door Locks feature default condition is enabled. When enabled, the door locks will lock automatically when the vehicle's speed exceeds 15 mph (24 km/h). The Auto Door Locks feature can be enabled or disabled by an authorized dealer per written request of the customer. Please see an authorized dealer for service.
- Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Auto Door Locks	This setting will allow you to change if the doors lock automatically when the vehicle reaches 15 mph (24 km/h).
Auto Unlock On Exit	This setting will unlock the doors when any of the doors are opened from the inside.
Flash Lights With Lock	This setting will allow you to turn the flashing of the lights when the Lock button is pushed on the key fob on or off. Available settings are "On" and "Off".
Sound Horn With Lock	This setting will sound the horn when the Lock button is pushed on the key fob. The "Off" setting will not sound the horn when the Lock button is pushed. The "1st Press" setting will sound the horn when the Lock button is pushed once. The "2nd Press" setting will sound the horn when the Lock button is pushed twice.
Sound Horn With Remote Start	This setting will sound the horn when the remote start is activated from the key fob.
Remote Door Unlock, Door Lock/1st Press Of Key Fob Unlocks	This setting will change how many pushes of the Unlock button on the key fob are needed to unlock all the doors. The "Driver Door" setting will only unlock the driver door on the first push on the Unlock button. The "All Doors" setting will unlock all doors with only one push of the Unlock button.

Setting Name	Description
Passive Entry	This setting will allow you to turn the Passive Entry feature (Keyless Enter ‘n Go™) on or off.
Personal Settings Linked To Key Fob	This setting will recall preset radio stations and driver seat position that have been linked to the key fob.
Power Liftgate Alert	This setting will chime an audible alert when the power liftgate is raising or lowering. Selectable options are “On” and “Off”.
Hands-Free Power Liftgate	This setting will use hands-free technology to automatically open or close the power liftgate. Selectable options are “On” and “Off”.
Auto Relock	This setting will lock the doors after 30 seconds of the doors remaining unlocked. The available options are “On” and “Off”.

Seats & Comfort

When Seats & Comfort button is pressed on the touchscreen, the system displays the options related to the vehicle’s comfort systems when remote start has been activated or the vehicle has been started.

NOTE:
Depending on the vehicle’s options, feature settings may vary.

Setting Name	Description
Easy Exit Seats	This setting will automatically move the driver seat rearward when the engine is shut off. The available settings are “On” and “Off”.
Auto-On Driver Heated/Ventilated Seat & Heated Steering Wheel With Vehicle Start	This setting will activate the vehicle’s comfort systems and heated seats or heated steering wheel when the vehicle is remote started or ignition is started. The “Off” setting will not activate the comfort systems. The “Remote Start” setting will only activate the comfort systems when using Remote Start. The “All Start” setting will activate the comfort systems whenever the vehicle is started.
3rd Row Seat Recline Lockout	This setting will activate the 3rd Row Seat Recline Lockout. Selectable options are “Off”, “Lock On Ignition” and “Always Locked”.

Key Off Options

When the Key Off Options button is pressed on the touchscreen, the system displays the options related to vehicle shutoff. These settings will only activate when the ignition is set to OFF.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Easy Exit Seat	This setting adjusts the seats to make exiting the vehicle easier.
Key Off Power Delay	This setting will keep certain electrical features running after the engine is turned off. When any door is opened, the electronics will deactivate. The available settings are "0 sec", "45 sec", "5 min", and "10 min".
Headlight Off Delay	This setting will allow you to set the amount of time the headlights remain on after the vehicle has been turned off. The available settings are "0 sec", "30 sec", "60 sec", and "90 sec".
Auto Entry/Exit Suspension	This setting will turn the Auto Entry/Exit Suspension system on or off.
Radio Off Delay	This setting will keep the radio on for the selected amount of time after vehicle shut off. The available options are "0 sec", "45 sec", "5 min", and "10 min".
Radio Off With Door	This setting will keep the radio on when a door is opened or until the Radio Off Delay time is reached. The available settings are "On" and "Off".
Windows With Key Fob	This setting will allow you to control window function while the vehicle is off. The available options are "On" and "Off".

Suspension

When the Suspension button is pressed on the touchscreen, the system will display settings related to the vehicle's air suspension.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Sound Horn With Lower	This setting will allow you to sound the horn when the Suspension Lowering button is pushed on the key fob.
Flash Lights With Lower	This setting will allow you to turn the flashing of the lights when the Suspension Lowering button is pushed on the key fob on or off.
Auto Entry/Exit Suspension	This setting will turn the Auto Entry/Exit Suspension system on or off.

Setting Name	Description
Display Suspension Messages	This setting will display suspension messages in the Instrument Cluster Display. The “All” setting will display all available messages. The “Warnings Only” setting will only display warning messages.
Tire Jack Mode	This setting will disable the Air Suspension system to assist in changing a spare tire.
Auxiliary Modes	This setting will allow you to set the Auxiliary Suspension Mode. The available options are “Off”, “Transport Mode”, and “Wheel Alignment Mode”. In Transport Mode, the vehicle will not auto level when being transported by another vehicle. In Wheel Alignment Mode, the vehicle will not auto level when a wheel alignment is being performed.

Audio

When the Audio button is pressed on the touchscreen, the system displays options related to the vehicle’s sound system. These settings can change the audio location within the vehicle, adjust the bass or treble levels, and auto-play settings from an audio device or smartphone.

NOTE:
Depending on the vehicle’s options, feature settings may vary.

Setting Name	Description
Balance/Fade	This setting will adjust audio levels from specific speakers in the front/back and left/right of the vehicle. The Speaker icon can be moved to set audio location.
Equalizer	This setting will adjust the “Bass”, “Mid”, and “Treble” ranges of the audio.
Speed Adjusted Volume	This setting will adjust audio volume as speeds increase. At a higher setting, the volume will increase more as the vehicle speeds up. The available settings are “Off”, “1”, “2”, and “3”.
Surround Sound	This setting will turn the Surround Sound system on or off.
AUX Volume Offset	This setting will tune the audio levels from a device connected through the AUX port. The available settings are “+” and “-”.
Auto Play	This setting will automatically begin playing audio from a connected device.
Auto-On Radio	This setting will automatically turn the radio on when the vehicle is started, if selected. The available settings are “Off”, “On”, and “Recall Last”. With Recall Last, the system resumes the previous task before vehicle shut off.
Radio off With Door	This setting will keep the radio on when a door is opened or until the “Radio Off Delay” time is reached. The available settings are “On” and “Off”.
Volume Adjustment	This setting will allow you to set the audio volume levels for each option (Media, Phone, Navigation, etc.). You can set the volume between 0 and 38.
Media Expander	This setting will allow you to turn the Media Expander setting “On” or “Off”.

Notifications

When the Notifications button is pressed on the touchscreen, the system displays the options related to Notifications for the system.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
App Drawer Favoriting Pop-ups	This setting turns the App Favorited pop-up on or off.
App Drawer Unfavoriting Pop-ups	This setting turns the App Unfavorited pop-up on or off.
New Text Message Pop-ups	This setting turns on or off receiving/storing a pop-up for new text messages of any connected phone.
Missed Calls Message	This setting turns on or off receiving/storing a pop-up for missed calls of any connected phone.
Navigation Pop-ups	This setting turns on or off receiving/storing predictive Navigation pop-ups.

Accessibility — If Equipped

After pressing the Accessibility button on the touchscreen, the following setting will be available:

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Video Button Readback	This setting will turn the Video Button Readback feature on or off.

Software Updates

When the Software Updates button is pressed on the touchscreen, the system will display the setting related to updating the Uconnect software.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Software Downloads over Wi-Fi	This setting will allow software updates to happen over Wi-Fi. Selectable options are "On" and "Off".

System Information

After pressing the System Information button on the touchscreen, the following settings will be available:

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Version Information	When this feature is selected, a Version Information screen will appear, displaying information about the version of your radio.
License Information	When this feature is selected, a License Information screen will appear, displaying the licensing information of your radio.
Passenger License Information	When this feature is selected, Passenger License Information is displayed.

Reset

When the Reset button is pressed on the touchscreen, the system displays the options related to resetting the Uconnect system back to its default settings. These settings can clear personal data and reset selected settings from other menus.

NOTE:
Depending on the vehicle's options, feature settings may vary.

Setting Name	Description
Restart Radio	This setting will reboot the radio.
Reset Apps Drawer To Default Order	This setting will return the apps drawer to the default order. The available options are "Yes" and "Cancel". The X button can also be pressed to cancel the screen.

Setting Name	Description
Restore Settings to Default	This setting will return all the previously changed settings to their factory defaults.
Clear Personal Data	This setting will display a pop-up that gives you the option to clear all personal data from the system, including Bluetooth® devices and presets.
Reset Wi-Fi Password For Projection	This setting will allow you to reset the vehicle's Wi-Fi password for smartphone projection. The available options are "Yes" and "Cancel". The X button can also be pressed to cancel the screen.
Reset Performance Values	This setting will reset the performance values from your vehicle.
Factory Reset	This setting will restore the radio to its factory default settings.

STEERING WHEEL AUDIO CONTROLS

The remote sound system controls are located on the rear surface of the steering wheel at the three and nine o'clock positions.

Steering Wheel Audio Controls

The right-hand control is a rocker-type switch with a push button in the center and controls the volume and mode of the sound system. Pushing the top of the rocker switch will increase the volume, and pushing the bottom of the rocker switch will decrease the volume.

Pushing the right-hand control's center button makes the radio switch between the various modes available (AM/FM or Media, etc.).

The left-hand control is a rocker-type switch with a push button in the center. The function of the left-hand control is different depending on which mode you are in.

The following describes the left-hand control operation in each mode:

RADIO OPERATION

Pushing the top of the switch will seek up for the next available station and pushing the bottom of the switch will seek down for the next available station.

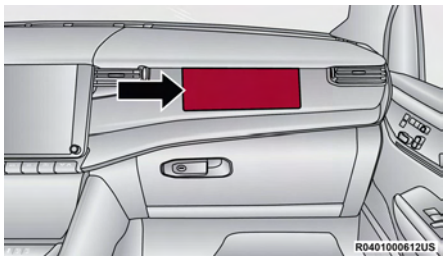
The button located in the center of the left-hand control will tune to the next preset station that you have programmed in the radio Preset button.

MEDIA MODE

Pushing the top of the switch once goes to the next track on the selected media (AUX/USB/Bluetooth®). Pushing the bottom of the switch once goes to the beginning of the current track, or to the beginning of the previous track if it is within eight seconds after the current track begins to play.

PASSENGER SCREEN — IF EQUIPPED

Your vehicle may be equipped with a Passenger Screen located above the glove compartment on the passenger side of the vehicle. From the Passenger Screen, you will be able to access similar features seen within the Uconnect radio, such as media functions, Navigation, and device management.



Passenger Screen Location

To begin using the Passenger Screen, push the Power button in the center stack, or press the Power button under the Controls tab within the Uconnect system. The Passenger Screen can be turned off by accessing the Control screen and pressing the Power Off button.

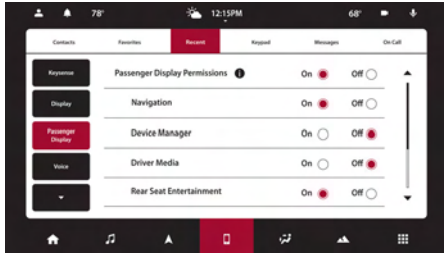
You must link Bluetooth® headphones to the Passenger Screen to begin listening to the system's audio ⇨ page 190.

NOTE:

- The Passenger Screen will need to be turned On each time the vehicle is started, and the system will display the Home screen upon boot up.
- Passenger Screen images are for illustration purposes only and may not reflect exact software for your vehicle.

PASSENGER SCREEN PERMISSIONS

Through the Uconnect system, features within the Passenger Screen can be activated and deactivated through Passenger Screen Permissions. To access Permissions, press the Vehicle button in the Menu Bar and select the Settings tab. Then, press the Passenger Screen settings menu. Press the On button for the Passenger Screen Permission setting to activate permissions.



Passenger Screen Permissions

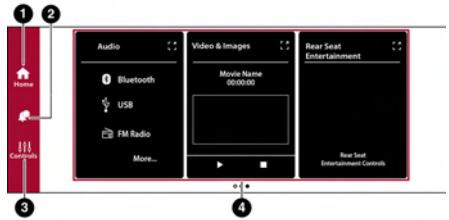
By default, the Passenger Screen Permissions setting is set to Off, and the driver will need to give permission for the different features.

When Permissions is turned On, you can individually select the permissions for the following:

- Navigation
- Device Manager
- Driver Media

Passenger Screen Permissions can also be activated through the Controls screen, under the Vehicle button in the Menu Bar. If "Deny Passenger Screen Permissions" is turned On, the setting will switch itself to Off.

HOME SCREEN



Passenger Screen Home Screen

1 — Home Screen Button
2 — Notification Button
3 — Controls Button
4 — Feature Cards

When the Passenger Screen is started up and no other media was running during the last ignition cycle, the Home screen will display. Here, you can select from the features of the Passenger Screen. On the left side of the screen, you can access "Notifications and system Controls".

The Notifications button (the bell) will take you to the Notification screen, identical to what is seen in the main radio.

You can cycle between the features by swiping left or right on the touchscreen. When accessing a feature, press the Home/Apps button on the left side to access the feature view and select a different feature.

The available features are:

- Audio
- Video & Images
- HDMI
- Navigation
- Devices
- Cameras

Controls Screen

From the Controls Screen, you can adjust the daytime/nighttime brightness of the screen, change headphone volume, and power off the Passenger Screen.

To change the brightness, adjust the slider up or down, or press the Up or Down Arrow button located next to the slider. “Up” will increase brightness; “Down” will decrease brightness. Daytime and nighttime brightness levels will vary, and the adjustment maximum/minimum will differ depending on the time of day.

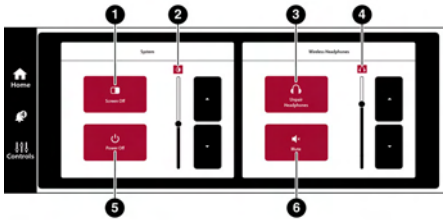
To change the headphone volume, adjust the slider up or down, or press the Up or Down Arrow button located next to the slider. “Up” will increase the volume; “Down” will decrease the volume.

NOTE:

Headphone volume can also be manually adjusted from the headphones. Changing the headphone volume manually will not reflect in the headphone volume slider on the Passenger Screen.

If the Screen Off button is pressed, the Passenger Screen will continue to operate, but the screen will go dark. Tap the screen again to return to the display. While the screen is off, audio will continue to play from the Passenger Screen.

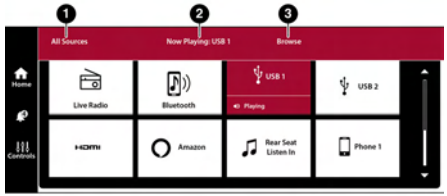
The Power Off button will fully shut down the Passenger Screen. No audio or video will play from it.



Passenger Screen Controls Screen

1 — Screen Off
2 — Brightness
3 — Pair/Unpair Headphones
4 — Headphone Volume
5 — Power Off
6 — Mute

AUDIO AND VIDEO



Passenger Screen Audio Feature

1 — All Sources Tab
2 — Now Playing Tab
3 — Browse Tab

Audio allows you to listen to your favorite radio station, a connected USB device, or connected media device. You can directly change the source on the Home screen by pressing the Source button in the feature. You can also expand it by pressing the Full Screen View button.

To change the media source, press the Source button and then press on the desired source. The available sources are:

- Live Radio (FM and AM)
- Bluetooth®
- USB 1
- USB 2
- AUX

NOTE:

- Audio devices connected via Bluetooth® must be done through the Device Manager in the radio. For more information on pairing a device, refer to your Uconnect Radio Instruction Manual.
- If the driver is listening to “Live Radio”, the option will not be available in the Passenger Screen. Select “Now Playing On Radio” to listen to the currently playing station. If the driver selects a radio station while the Passenger Screen is playing live radio content, the feed will end on the Passenger Screen and control will be given to the Uconnect system.

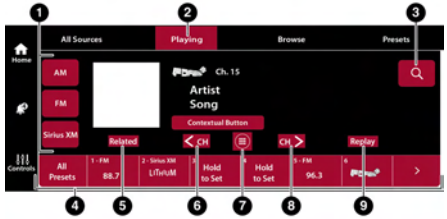
On the Preset menu, you will be able to listen to saved radio presets. Press the desired preset to begin listening.

The Browse tab will let you browse through different radio stations or audio saved onto a USB or audio device. Press “Browse” and select from the different folders. You can scroll up and down to view the options within those folders. Press on the desired radio station or audio track to begin playing it.

When the USB source is selected, you can choose a video file to play if saved to a USB device. Press “Browse” and locate the folder with the video file. Press the video file name, and it will begin to play on the Passenger Screen.

NOTE:

Not all video files will be supported from a USB. Certain video files may require digital rights to view or play. These may be unavailable for playback on the Passenger Screen.



Passenger Screen Radio Mode

1 — Source Buttons
2 — Now Playing Tab
3 — Search Button
4 — Radio Presets
5 — Related Button
6 — Seek Down Button
7 — Direct Tune Button
8 — Seek Up Button
9 — Replay Button

HDMI PROJECTING

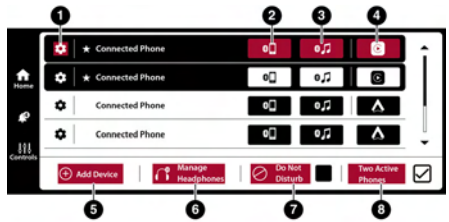
HDMI lets you connect a device to the provided HDMI port, using an HDMI cable, and project the device directly to the Passenger Screen. To begin, plug a a device into the HDMI port. Then, press the HDMI button on the touchscreen.

HDMI will continue to show the menu bar and Headphone Paring button.

NOTE:

- The HDMI Card will not automatically launch when a new device is connected. The HDMI Card will show a device connected, and the Card will need to be pressed.
- If the user disconnects a device from the HDMI port while the HDMI Card is in full screen, the system will close HDMI and reload the Home screen.

DEVICE MANAGER



Device Manager

1 — Device Settings
2 — Phone Connection
3 — Media Connection
4 — Apple CarPlay®/Android Auto™ Connection
5 — Add Device
6 — Manage Headphones
7 — Do Not Disturb
8 — Two Active Phones

Device Manager provides an easy place to view all the devices connected to the Uconnect system and lets you pair the Driver's smartphone to the Uconnect system. You will also pair Bluetooth® headphones to the Passenger Screen from this screen.

For more information on pairing your smartphone, refer to your Uconnect Radio Instruction Manual.

To pair a set of Bluetooth® Headphones:

1. If viewing Device Manager in full screen, press the Add Device button. If viewing Device Manager on the Home screen, press "Pair Bluetooth® headphones".
2. From the pop-up, press "Search For Headphones". The system will begin searching for the Bluetooth® signal of your headphones.
3. Select the name of your headphones from the list of possible devices. The system will connected to the headphones.

NOTE:

The Passenger Screen will connect to previously paired Bluetooth® headphones after Passenger Screen activation.

Removing Bluetooth® Headphones

1. From the Controls screen, press the Manage Headphones button.
2. Press the Settings button (gear icon) next to the set of headphones you wish to remove.
3. Press "Delete Device"; the Bluetooth® headphones will be removed from the system.

NAVIGATION

Navigation allows you to assist the driver in searching for destinations using Uconnect's built-in Navigation system. For information on the full functionality of Navigation, refer to your Uconnect Radio Instruction Manual.

When a new route is selected from the Passenger Screen, a confirmation will be sent to the driver. The driver will be able to confirm or deny the route.

NOTE:

Using Navigation on the Passenger Screen will not affect the Navigation screen in the Uconnect system. The Driver can continue to use Navigation while the Passenger Screen can "suggest" new routes or stops.

CAMERA

Camera will display the equipped vehicle camera feed. When selected, press the desired Camera button. The feed from that camera will display in the center of the touchscreen. Press the X button or Back Arrow button to return to the Home screen.

NOTE:

The Passenger Screen will lose access to a camera if the driver chooses to view it on the Uconnect system or if a condition would activate the camera on the Uconnect system (the rearview camera being activated when the vehicle is shifted into REVERSE).

3RD PARTY APPS — IF EQUIPPED

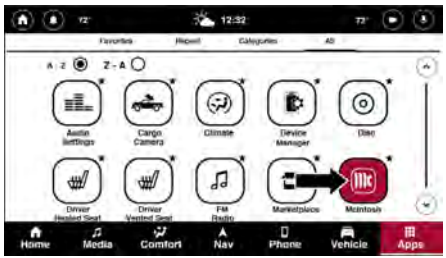
If equipped, your vehicle may contain some 3rd party apps, which will further enhance your Uconnect system.

McIntosh

McIntosh is a 3rd party app that can enhance your Uconnect system's media player. For the app to be effective, there must be audio playback in the Uconnect media player. McIntosh can control the playback of audio as well as display the output level decibel meters.

To launch the app, begin playing audio and follow these steps:

1. Press the Apps button.
2. Press the McIntosh app.



McIntosh

The McIntosh app will allow you to perform the following when listening to music:

NOTE:

The Seek feature will not work while using Bluetooth®.

Skip Backward	Press to skip backward. Press and hold to fast rewind.
Play/Pause	Press to play/pause the track.
Skip Forward	Press to skip forward. Press and hold to fast forward.
Repeat	Press to repeat track. Press again to repeat playlist. Press again to turn off (works only with a USB device).
Change Channel Down	Press to change channel down. Press and hold to seek channel down. While using AM/FM, pressing the channel down will change the frequency by 0.1. Pressing and holding in AM/FM will seek channels.
Change Channel Up	Press to change channel up. Press and hold to seek channel up. While using AM/FM, pressing the channel up will change the frequency by 0.1. Pressing and holding in AM/FM will seek channels.
Menu	Press to access McIntosh settings.
About	Press to learn more about McIntosh.
Audio	Press to open the Audio Settings page of the Uconnect media player.

NOTE:
To change the source within the app, press the source name. Pressing this will open a menu with all available sources. To change the audio source outside of the app, press the Media button, and then press the Sources button.

To exit the app, press any of the buttons on the bottom menu bar.

Day/Night Mode

Press the Menu button in the upper left-hand corner to access McIntosh settings. Tap on a mode to set it as the default, or tap “Auto Mode” to enable your screen to automatically switch between Day and Night Modes.

Theater Mode

Press the Menu button in the upper left-hand corner to access McIntosh settings. Under “Theater Mode”, select “On” to bring forward the McIntosh Meters. This will enlarge the meters for a more prominent view.

NOTE:
Theater Mode will engage after 10 seconds without input from the user.

For more information on McIntosh, the McIntosh app and its functionality, please visit https://www.mcintoshlabs.com.

REAR SEAT ENTERTAINMENT (RSE) WITH AMAZON FIRE TV BUILT-IN — IF EQUIPPED

OVERVIEW

Rear Seat Entertainment with Fire TV built-in is designed to give your family years of enjoyment.

Fire TV lets passengers enjoy a wide variety of content from popular apps (subscriptions may be required).

Stream videos, play games, listen to music, get information, and watch downloaded programs all while on the road. Two Fire TV Remotes are included with the system. In addition to streaming and downloaded content, changing the input in Fire TV also enables you to:

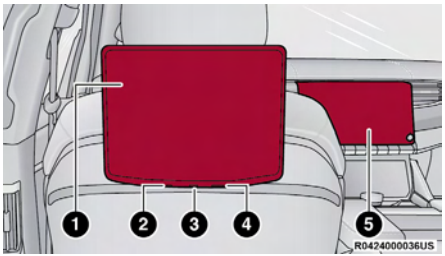
- Mirror what’s on your phone or tablet to Fire TV via Miracast capable devices.
- Stream your favorite shows with Fire TV.
- Plug and play a variety of standard video games or devices into the HDMI port.
- Listen to audio over wired or wireless headphones (not included, customer will have to provide their own).
- Plug and play a variety of devices into the front seat Video USB port. USB ports located under the rear screens are charge only.
- Watch content individually on each rear display or mirror across both displays to watch together.

NOTE:

The vehicle must be in an active and usable cellular range and properly equipped with a Uconnect 5 NAV system and Rear Seat Entertainment with Fire TV package. Streaming requires a Wi-Fi connection and registered Amazon account to run Fire TV in the vehicle. Streaming service subscriptions are not included. Services and features are subject to change or withdrawal at any time, may not be available in all areas and languages, and may require separate subscriptions.

Please review this Owner's Manual to become familiar with RSE features and operation.

GETTING STARTED



Rear Screen Entertainment for Uconnect 5/5 NAV

1 — Rear Seat Entertainment (Rear Touchscreen)
2 — Headphone Jack
3 — USB C Charging Port
4 — HDMI Port
5 — Uconnect System (Front Touchscreen)

There are four different ways to operate the features of Rear Seat Entertainment with Fire TV built-in:

- Fire TV Remote
- Front radio screen
- Passenger screen (if equipped)
- Individual rear touchscreens for Rear Seat Entertainment with Fire TV built-in touch on each rear screen

For information on the front media hub USB/AUX ports ⇨ page 67.

ACCESSING REAR SEAT ENTERTAINMENT WITH FIRE TV BUILT-IN FROM THE FRONT RADIO SCREEN

You can access your Rear Seat Entertainment with Fire TV built-in system by following these steps:

Option 1

1. Press the Media button.
2. Press the Rear Seat button icon.

Option 2

1. Press the Apps button on the bottom of the touchscreen.
2. Press the Uconnect Theater button on the touchscreen. You may need to navigate to different pages in the Apps drawer to find the Uconnect Theater button.

ACCESSING REAR SEAT ENTERTAINMENT WITH FIRE TV BUILT-IN FROM THE REAR SCREENS

You can also access your Rear Seat Entertainment with Fire TV built-in by choosing one of the following options:

Option 1

- The system will automatically turn on when the vehicle is started. Pushing the power button on the Fire TV Remote will turn the system back on if it was manually shut off. If the screen is inactive and goes to a screen saver, the system can be woken up by either tapping the screen or pushing any button on the Fire TV Remote.

Option 2

- Swiping on either of the rear touchscreens.

NOTE:

When using the rear screens, the system will launch with Fire TV.

ACCESSING REAR SEAT ENTERTAINMENT WITH FIRE TV BUILT-IN FROM THE PASSENGER SCREEN — IF EQUIPPED

You can also access Rear Seat Entertainment with Fire TV built-in content from the Passenger Screen.

Follow these steps:

1. Access the Home screen for the Passenger Screen.
2. Swipe right on the Home screen and select Fire TV Rear Seat Entertainment Controls.

FIRST TIME STARTING UP (USING THE REAR SCREENS)

Boot-up Screen

When turning on the system for the first time from the rear screens, a boot-up screen will appear on the system displaying the Fire TV logo.

During this boot-up sequence, language options will be available for the system.

Fire TV Remote

After the boot-up sequence is complete, the system will then give the option to pair a Fire TV Remote (two are included with the system).

Follow the on-screen instructions for how to pair a Fire TV Remote to the system. Two Fire TV Remotes are included to be paired with each rear screen.

A Fire TV Remote can be paired to each rear screen. It will function with the rear screen it was paired with. The pairing steps will need to be done for each rear screen.

NOTE:

If the Fire TV Remote pairing fails, on-screen instructions will appear for trying to pair again.

Connecting to a Network

During the start-up process, the system will need to be connected to a network to function. Multiple network sources can be options for the system.

Some options for a network connection are:

- Wi-Fi Hotspot using a capable smartphone (if activated, it will show as a possible network for the system on the screen).
- Outside connection like a home Wi-Fi network.
- In-vehicle Wi-Fi.

NOTE:

When a network is connected to the system for the first time, an over-the-air-software update will take place using the Wi-Fi connection. It is recommended that an unlimited Wi-Fi connection, if available, be used during this update. After this first-time update, updates will only occur when one is available.

Account Sign-in

The next step will be the option to sign in to your Amazon account.

There are two options to sign into the system:

- **I already have an Amazon account:** Sign in with an already existing Amazon account
- **I am new to Amazon:** Create a new Amazon Account

If “I am new to Amazon” is selected, follow the on-screen steps to set up an Amazon account with the system.

Parental Controls

Another feature that will appear during this first time set up is parental controls.

When the parental controls page appears, it will give the options “Enable Parental Controls” and “No Parental Controls”. If “Enable Parental Controls” is selected, follow the on-screen steps to set up parental controls for the system.

LISTEN VIA VEHICLE SPEAKERS

A feature within Rear Seat Entertainment with Fire TV built-in is the front radio Listen feature. On the front radio Home screen for Fire TV, select the Listen button in the top right corner on either card for Screen 1 or 2. This will allow you to have either rear screen play audio through all the speakers in the vehicle.

QUICK MENU

Accessing the quick menu will give you more options for Fire TV.

To access the quick menu, tap the screen and it will appear. The quick menu is also accessible by pushing the Gear/Settings button on the Fire TV Remote.

Some options of the quick menu are:

- **Power** — This will power the screen off.
- **On-Screen Remote** — This will bring up the on-screen remote to use with the system.
- **Back** — This will let you go back a page.
- **Home** — This will take you to the Home screen.
- **Gear/Settings** — This will let you access certain settings in the system. For more setting options, select “Settings” within the on-screen Gear/Settings menu.
- **Vehicle** — This will bring up the Vehicle menu. From here you can adjust rear climate controls and the Are We There Yet? app.

PARENTAL CONTROLS (USING THE REAR SCREENS)

If parental controls were not set during the first time start up of the system, they can be set by following these steps:

1. Push the Gear/Settings button on the Fire TV Remote or tap the screen to access “Settings” in the “quick menu”.
2. Select the Gear/Settings icon on the screen.
3. Select “Settings” on the screen.
4. While in Settings, select “Preferences”.

5. Select “Parental Controls”; from here you can turn “Parental Controls” on or off and set up a PIN for the controls using the Fire TV Remote.

FIRE TV REMOTE PAIRING (USING THE REAR SCREENS)

If the Fire TV Remote needs to be paired again or a new remote is being paired, follow these procedures:

1. Install batteries into the remote.
2. Tap the screen and Select the Gear/Settings icon on the screen.
3. Select “Settings” on the screen.
4. In Settings, select “Controllers & Bluetooth® Devices”.
5. From this menu, select “Add New Remote”.
6. Follow the on-screen steps for Fire TV Remote pairing.

A long press on the Home button can also re-pair a Fire TV Remote that has become disconnected.

NOTE:

Your vehicle is included with two Fire TV Remotes. A Fire TV Remote can be paired to each rear screen. It will function with the rear screen it was paired with. The pairing steps will need to be done for each rear screen.

MEDIA SOURCES INPUT (USING THE FRONT RADIO AND REAR SCREENS)

Front Radio Screen

Users can select inputs for each rear screen from the front radio touchscreen by selecting the Rear Seat tab and choosing the desired content by selecting “Launch Source” on the Screen 1 or Screen 2 tab.

Inputs available within Launch Source under “Inputs” are “Fire TV”, “HDMI”, and “USB”.

Rear Screens

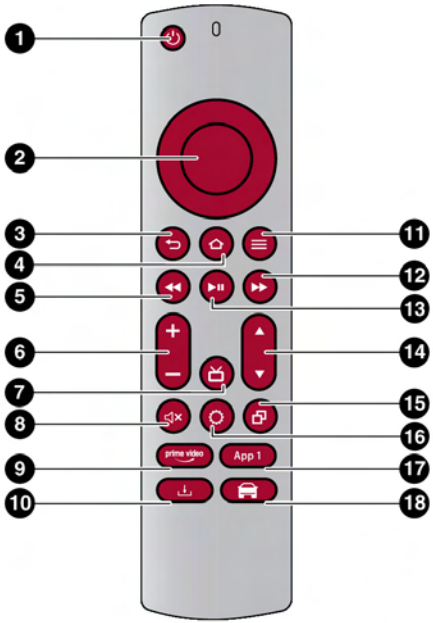
To select inputs on the rear screen, scroll down on the Fire TV Home screen and select your desired input under “Input”.

Inputs can also be selected from the Brand tab in the top menu. While in this tab, scroll down to “Inputs” for selection options.

NOTE:

The Brand tab naming in the top menu will depend on the naming of the vehicle’s brand.

FIRE TV REMOTE



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Fire TV Remote

1. **Power Button** — Turns the screen for the selected channel on or off.
2. **5-way Navigation Control** — This control has options by pressing the Circle button Up, Down, Left, or Right to navigate on-screen for selections and pushing the center button to confirm selections.
3. **Back** — Push to exit out of menus or return to the previous screen.
4. **Home** — Push to return to the Fire TV Home screen.
5. **Seek Backward/Rewind Button** — Push and hold to fast rewind through the current audio track or video chapter. Push once to revert back to the previous track.
6. **Volume** — Push the - button to decrease the volume and + button to increase the volume.
7. **Channel Guide** — Push to access the channel guide for the system.
8. **Mute** — Mutes headphone audio.
9. **Prime Video** — Push to launch Prime Video app.
10. **Download Button** — Push to access movies/shows that can be downloaded to Fire TV.
11. **Menu** — Push to access the Fire TV menu.
12. **Seek Forward Button** — Push and hold to fast forward through the current audio track or video chapter. Push once to skip to the next track.
13. **Play/Pause Button ||** — Begin/resume or pause disc play.
14. **Channel +/-** — Push the up or down arrow button on the Channel button to browse channels available in Fire TV.
15. **Recent** — Push to access recently viewed content on Fire TV.
16. **Gear/Settings** — Push to bring up setting options for Fire TV.
17. **App 1** — Push to launch App 1.
18. **Vehicle Button** — Push to activate the Vehicle menu.

REPLACING THE FIRE TV REMOTE BATTERIES

Each Fire TV Remote requires two AAA batteries for operation.

To replace the batteries:

1. Locate the battery compartment on the back of the Fire TV Remote, then slide the battery cover downward.
2. Remove the old batteries and follow battery recycling procedures for your area.
3. Install new batteries, making sure to orient them according to the polarity diagram shown inside the battery compartment.
4. Slide the battery compartment cover back on.

REAR SEAT ENTERTAINMENT WITH FIRE TV BUILT-IN STREAMING (USING THE FRONT RADIO AND REAR SCREENS)

Access Using Launch Source

To access Rear Seat Entertainment with Fire TV built-in from the front radio, press the Media tab located on the bottom menu bar. Then select the Rear Seat option located on the top menu bar. Select “Launch Source”, and then under “Inputs” select “Fire TV Home”.

Access Using Browse Media

Selecting “Browse Media” on the front radio screen will give access to different media within Rear Seat Entertainment with Fire TV built-in.

These options will be in the top menu of “Browse Media” and include:

- **Fire TV** — Selecting “Fire TV” will show streaming options for categories and to select apps. This option will be selectable on the left slider menu in “Browse Media”. While in “Browse Media” under Fire TV, it will display recent activity under “Recent”. This will display recent videos viewed from Fire TV and recent downloads as well.
- **USB Video** — Under “USB Videos”, videos will appear that are options with a USB device connected to Rear Seat Entertainment with Fire TV built-in.
- **USB Music** — Under “USB Music”, music will appear that are options with a USB device connected to Rear Seat Entertainment with Fire TV built-in.

Access Using the Fire TV Remote and Rear Screens

Rear passengers will be able to access some options for streaming by pressing the “Prime Video”or “App 1” button on the Fire TV Remote. Selecting one of those

buttons on the Fire TV Remote will take you to the home page for that respective streaming service. Turning on either of the rear screens will launch Fire TV. By default, the rear screens will always launch in Fire TV. More streaming options can be selected on the Fire TV home page.

Fire TV

Fire TV is your source for online streaming with Rear Seat Entertainment with Fire TV built-in.

NOTE:

A data source needs to be connected to the system for streaming to be accessible. This can be set up when Fire TV is turned on for the first time on the rear screens. Some options can be an in-vehicle 4G Wi-Fi hot spot, capable Wi-Fi hot spot from a mobile device, or Wi-Fi from an outside source like a home or a garage.

To access Fire TV on the front screen, select “Launch Source” on the front touchscreen, Rear Seat screen and then “Fire TV Home” under “Inputs”.

Viewing from the front radio screen or passenger screen mirrors or controls the Fire TV experience from one of the rear Fire TV displays.

The menu bar for Fire TV will have the options for “Home”, “Find”, “Library”, “Brand”, and “Live”.

Below the menu bar will be streaming options linked to your Prime account like “Prime Video”.

The front radio screen offers some options:

- **Power** — This will turn Fire TV on or off.
- **Screen 1 and Screen 2 Toggle** — This toggles between the Rear Screens (for use with front radio screen only).
- **Collapse** — While viewing on the front radio screen, this will collapse the screen to dashboard view.
- **Source Drawer** — This will open the “Source Drawer” and the source logo will be displayed on the icon.
- **Browse Media** — This will open the “Browse Media” pop-up.
- **Back** — This will let you go back the previous page.
- **Fire TV Home** — This will take you back to the Fire TV home page.
- **Menu** — This will open the Fire TV menu.
- **Remote icon** — This will display the on-screen remote.

NOTE:

Front radio screen mirroring and watching can only be done when the vehicle is in PARK. The vehicle must be in an active and usable cellular range and properly equipped with a Uconnect 5 NAV system and Rear Seat Entertainment with Fire TV package. For streaming, a Wi-Fi connection and registered Amazon account are required to run Fire TV in the vehicle. Streaming service subscriptions are not included. Services and features are subject to change or withdrawal at any time, may not be available in all areas and languages, and may require separate subscriptions.

FIRE TV APPS/GAMES (USING THE REAR SCREENS)

Apps and games can be accessed using Rear Seat Entertainment with Fire TV built-in.

To access Apps on the rear screen, turn on the system and select “Find” in the top menu. On the Find page, select “Appstore”. Within the App Store® you can purchase apps and games. From here you can also select from all the apps and games that have been purchased.

USING THE VIDEO USB PORT

Plug in a USB drive or mass storage device and play your favorite music or movies.

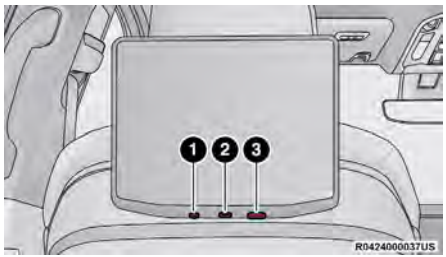
NOTE:

To view USB media on the rear screens, insert a USB drive into the port. The USB drive port is located under the radio controls in the instrument panel.

On the rear screen you can browse the content of the USB device by going to the USB source in the inputs. Use the search feature to find your media faster.

PLAY VIDEO GAMES

Connect the video game console to either of the HDMI ports located behind either of the first row seats.



Headphone Jack/HDMI/USB

1 — Headphone Jack (Headphone Output Only)
2 — USB Port (Charge Only)
3 — HDMI Port

NOTE:

Certain high-end video games may exceed the power limit of the vehicle's Power Inverter ⇨ page 71.

HEADPHONES OPERATION

Rear Seat Entertainment with Fire TV built-in does not come equipped with headphones. Customers will need to provide their own wireless headphones that can be paired with the system using Bluetooth®. Customers can also use their own wired headphones and plug them into a Headphone Jack located under one of the rear screens.

Wireless Headphones Pairing

To pair wireless headphones with Rear Seat Entertainment with Fire TV built-in using the rear screens, follow these steps:

1. Push the Gear/Settings button on the Fire TV Remote or tap the screen.
2. Select the Gear/Settings icon on the screen.
3. Select “Settings” on the screen.
4. While in Settings, select “Controllers & Bluetooth® Devices”.
5. Select “Other Bluetooth® Devices” and follow the on-screen steps for pairing.

While multiple headphones can be paired, only one will output audio at a time.

REAR CLIMATE CONTROLS

The Rear Climate Controls can also be controlled using Rear Seat Entertainment with Fire TV built-in ⇨ page 57.

Rear Climate Controls can be accessed by using the Vehicle menu. Tap on either rear screen and select the Vehicle icon or press the Vehicle button on the Fire TV Remote. Then select the Rear Climate Controls option.

Options within Rear Climate Controls are:

Icon	Description
ON	**Climate Control ON Button** Press and release this button to turn the Rear Climate Controls on.
OFF	**Climate Control OFF Button** Press and release this button to turn the Rear Climate Controls off.
SYNC	**SYNC Button** Pressing this button will sync both sides of the Rear Climate Controls.
AUTO	**AUTO Button** Automatically controls the rear interior cabin temperature by adjusting airflow distribution and amount. Toggling this function will cause the system to switch between Manual mode and Automatic mode.
^ v	**Rear Passenger Temperature Up and Down Buttons** Provides the rear passengers with independent temperature control. Press the button on the touchscreen to increase or decrease the temperature. The temperature will get warmer as you move up toward the red arrow and colder as you move down toward the blue arrow.

Icon	Description
Headliner Mode	**Headliner Mode** Air comes from the outlets in the headliner. Each of these outlets can be individually adjusted to direct the flow of air. Moving the air vanes of the outlets to one side will shut off the airflow.
Mode Control	**Mode Control Button On The Instrument Panel** The airflow distribution mode can also be selected by pushing the hard toggle switch on the instrument panel, below the radio screen. Pushing this toggle switch down will cycle through the seven mode combinations in order: Face, Face/Feet, Feet, Windshield/Feet, Windshield, Windshield/Face, and Windshield/Face/Feet. The cycle will repeat if the button is continually pushed.
Floor Mode	**Floor Mode** Air comes from the floor outlets.
1,2,3, etc.	**Blower Control** Blower Control is used to regulate the amount of air forced through the Climate system. There are seven blower speeds available. Adjusting the blower will cause Automatic mode to switch to Manual operation.

LEGAL & COMPLIANCE

To access Legal and Compliance information about Rear Seat Entertainment with Fire TV built-in from the rear screens, follow these steps:

1. Push the Gear/Settings button on the Fire TV Remote or tap the screen.
2. Select the Gear/Settings icon on the screen.
3. Select “Settings” on the screen.
4. While in the Settings menu, select “My Fire TV” and then “Legal & Compliance”.

OFF-ROAD PAGES — IF EQUIPPED

Your vehicle may be equipped with Off-Road Pages, which provides the vehicle status information while operating on off-road conditions. It supplies information relating to the vehicle ride height, the status of the transfer case, the pitch and roll of the vehicle, and the active Selec-Terrain Mode.

To access Off-Road Pages, press the Off Road button on the touchscreen from the Vehicle menu, and then press “Launch Off-Road”.

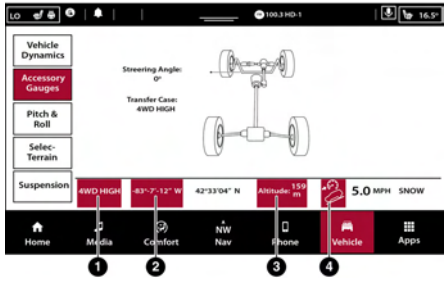
Off-Road Pages has the following selectable pages:

- Vehicle Dynamics
- Accessory Gauges
- Pitch & Roll
- Selec-Terrain — If Equipped
- Suspension — If Equipped

OFF-ROAD PAGES STATUS BAR

The Off-Road Pages Status Bar is located along the bottom of Off-Road Pages and is present on each of the selectable page options. It provides continually updating information for the following items:

- Current Transfer Case Status
- Current Selec-Terrain mode
- Current Latitude/Longitude
- Current Altitude of the vehicle
- Status of Hill Descent
- Hill Descent Control or Selec-Speed Control Selected Speed in mph (km/h).



Status Bar

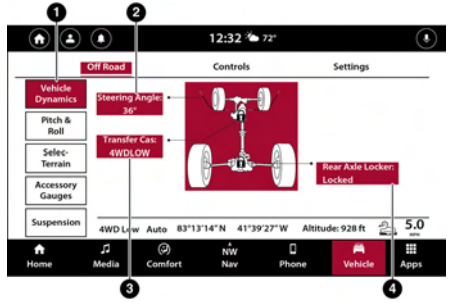
1 — Transfer Case Status
2 — Current Latitude/Longitude
3 — Current Altitude
4 — Hill Descent Control

VEHICLE DYNAMICS

The Vehicle Dynamics page displays information concerning the vehicle’s drivetrain.

The following information is displayed:

- Steering angle in degrees
- Status of Transfer Case
- Status of the Rear Axle Locker — If Equipped

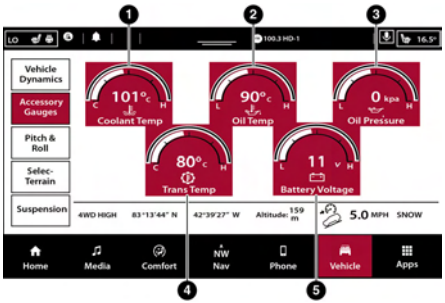


Vehicle Dynamics Menu

1 — Vehicle Dynamics
2 — Steering Angle
3 — Transfer Case
4 — Rear Axle Status

ACCESSORY GAUGES

The Accessory Gauges page displays the current status of the vehicle's Coolant Temperature, Oil Temperature, Oil Pressure, Transmission Temperature, and Battery Voltage.

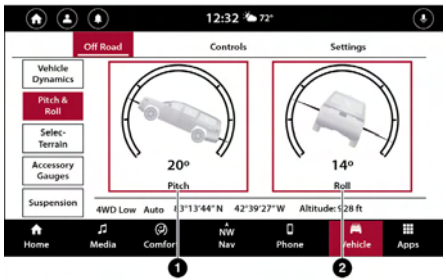


Accessory Gauges Menu

1 — Coolant Temperature
2 — Oil Temperature
3 — Oil Pressure
4 — Transmission Temperature
5 — Battery Voltage

PITCH & ROLL

The Pitch & Roll page displays the vehicle's current pitch (angle up and down) and roll (angle side to side) in degrees. The Pitch & Roll gauges provide a visualization of the current vehicle angle.



Pitch & Roll Menu

1 — Current Pitch
2 — Current Roll

SELEC-TERRAIN — IF EQUIPPED

The Selec-Terrain page displays the current Selec-Terrain Mode through a high resolution image. Adjusting the Selec-Terrain Mode will alter the image on the screen. The vehicle must be in the ON/RUN position to display Selec-Terrain information.

The selectable modes are as follows:

- Rock — Vehicle Must Be In 4WD Low
- Sand/Mud
- Snow
- Auto — Default
- Sport

NOTE:
The Off-Road Pages Status Bar will also display the current Selec-Terrain Mode.

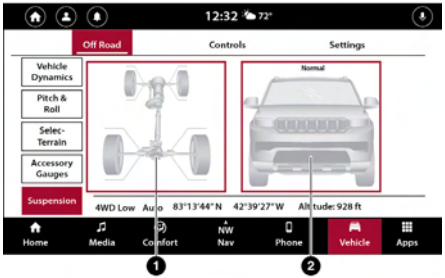
SUSPENSION — IF EQUIPPED

The Suspension page displays information concerning the vehicle's suspension.

The following information is displayed:

- Wheel Articulation
- Current Ride Height Status
  - Off-Road 2
  - Off-Road 1
  - Normal
  - Aero
  - Entry/Exit

NOTE:
The wheel articulation will be represented by a yellow color in the Wheel Articulation. If Ride Height is adjusted, the Ride Height indicator on the screen will switch to the appropriate height and the Wheel Articulation will show the movement and change in height.



Suspension Menu

1 — Wheel Articulation
2 — Current Ride Height

TRAIL RECORDING — IF EQUIPPED

Overview

The Trail Recording feature can be accessed from a variety of different ways: within the Vehicle Dashboard screen or within the Off-Road Pages. There will be options within “Trail Recording” where you can start recording your trail or view saved recordings where you can see previous trails recorded.

Recording A Trail And Stop Recording

To start recording a trail, select “Start Recording” towards the bottom of the touchscreen. Once selected, your trail will start recording for as long as desired.

When the trail is over, press “Stop Recording”. Select whether to save the trail in which the trail will be saved and will appear in “Saved Recordings”. Selecting “Cancel” will not save the trail, and the trail will be deleted.

NOTE:

After 30 miles (48 km) a notification will appear on the touchscreen asking if you want to keep recording.

Adding a Waypoint

On the bottom left-hand side of the touchscreen select “Add Waypoint” from the trail recording screen. This will allow the user to pin a location along the trail, both during and after the recording. There are three selectable options to mark a Waypoint: a Waypoint can be placed whether the vehicle is in or out of motion, but can only be edited when the vehicle is not moving. As a default, Waypoints are named chronologically in the order in which the Waypoints are marked or added. They can be renamed later by pressing the edit icon located to the right of the defaulted Waypoint name.

- Places
- Obstacle
- Guidance

NOTE:

A Waypoint can be placed whether or not the vehicle is in motion, but can only be edited when the vehicle is not moving.

Expand/Collapse View

While in the Trail Recording screen, press the Expand button located to the right of the Map View to enlarge the Trail Map screen during recordings. Once in expanded view, press the collapse icon which will shrink the trail map during screen recordings.

Editing A Trail

After finishing recording a trail, there will be a scale to rate the difficulty of the trail for future reference. The scale is from 1-10 with one being the easiest and 10 being the most difficult.

NOTE:

Setting the difficulty is not required to save the trail and can be edited afterwards.

Editing/Deleting a Waypoint

To edit a Waypoint, select the desired Waypoint on the map. Once selected, choose the type of Waypoint. Once selected, choose a sub-type that describes the Waypoint. Waypoint sub-types are listed in the following table. Once the Waypoint has been edited, press the Save button.

To delete the Waypoint, select the desired Waypoint on the map, then press the Delete Waypoint button.

POI	Obstacles	Guidance
Camping	Mud	Bare Left
Scenic View	Rock	Bare Right
Staging Area	Sand	Dead End
Trailhead	Steep Ascent	Hard Left
Water	Steep Descent	Hard Right
	Water	Slow
		Route Closure

Waypoints can be renamed later by pressing the pencil icon located to the right of the defaulted Waypoint name. Selecting the pencil icon will bring up a keyboard which will allow you to customize the Waypoint name.

NOTE:

Editing Waypoints is not available while the vehicle is in motion. To edit and customize Waypoints, the vehicle must not be in motion.

If you want to delete a Waypoint, select the Waypoint that you created and press the Delete Waypoint button located towards the bottom of your touchscreen. The pop-up, “Your waypoint was deleted successfully” will appear on your touchscreen once the Waypoint was successfully deleted.

Saving And Canceling A Trail

When finished editing a trail, select “Save”. The trail will be stored in the Saved Recordings tab.

Selecting “Cancel” will delete the trail, and a pop-up screen will appear asking if you are sure that you want to cancel your current trail recording. Selecting “No, Don’t Cancel” or the X button will take you back to the Waypoint editing screen. Selecting “Yes, Cancel” will discard the selected trail recording.

Saved Trails

To view previously saved trails, click the Saved Recordings button on the Trail Recording home page. Once entering Saved Recordings, a list of previously saved trails will be listed. The Remove Icon button to the far right of each trail will delete the trail. To delete all trails, select “Delete All” towards the bottom of the touchscreen.

NOTE:

Saved recordings can be accessed even once the Brand connect services subscription has expired.

After selecting a saved recording, options will be available to view, edit, delete, or export the recording onto a USB device. Pressing “View Performance Data” will showcase the vehicle’s pitch, roll, altitude, and location for each selected Waypoint. A Snapshot feature is available, where a photo of the performance data can be exported to a connected USB device.

Export a Recording onto a USB

After selecting a saved recording, press the Export button towards the bottom of the touchscreen and select the USB icon option. There will be a pop-up message afterwards stating whether or not the export was successful.

ADVENTURE GUIDES — IF EQUIPPED

To access the Adventure Guides feature, press the Vehicle icon on the lower menu bar of your touchscreen. From the Vehicle Dashboard, press “Adventure Guides”.

Adventure Guides App

To search for an off-road trail:

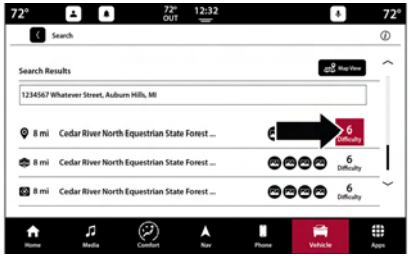
1. Press the search box and enter an address or keyword.

Search For An Off-Road Trail

NOTE:

- An active subscription to Brand Connect connected services is required to access the Adventure Guides feature. If you do not have an active subscription, click the Register button on the touchscreen and follow the prompts.
- If there is no network connection, a message will display on your touchscreen, “Data connection temporarily not available. Please try again later.” Press “OK”, and ensure there is a stable network connection.
- If there are no search results within the area in which you added the address or keyword, the message “No Results Found” will display on your touchscreen.

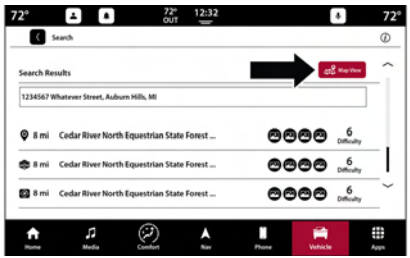
2. The distance to each search result will appear on the left of each destination. The difficulty level of each trail will show towards the right of each destination. Select the trail you wish to navigate to.



Trail Difficulty

NOTE:

- Press the Map View button to view an expanded summary of each trail and its difficulty level.



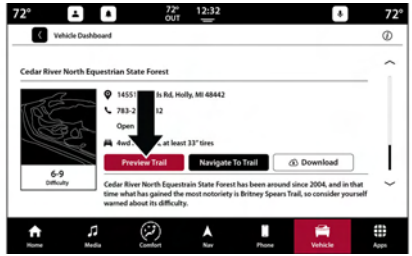
Map View Button

Expanded Trail Difficulty View

NOTE:

Each trail detail screen will provide you information such as an address, phone number, typical open/ close times, and vehicle requirements.

3. Press the Preview Trail button to view the trail info. Press the Start Recording button which will bring you to the Off Road Pages screen where you will be able to save the recording, view saved recordings, and see the distance to your destination.

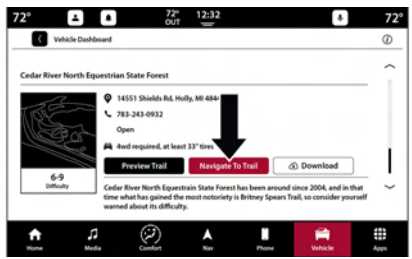


Preview Trail

NOTE:

Pressing the Back arrow on the Trail Info page will bring you back to the trail detail screen.

4. Press the Navigate To Trail button which will send the directions to your TomTom Navigation system.



Navigate To Trail

5. If the trail does not exist within your Uconnect system's local memory, press the Download button. If the trail already exists, meaning it has already been downloaded at some point, press the Check For Updates button.

NOTE:

- "Trail Updated Successfully" will display towards the top of your touchscreen if the trail update was completed properly. If "Trail could not update. Not enough space" appears, you will need to clear up space under your "Downloaded Trails" by removing trails that are no longer needed or desired. "No Updates available" means the trail you have selected is up-to-date.
- Pressing "X" on any of these screens will take you back to the trail details screen.

Trails Near You

Press the Trails Near You button to show the first 20 trails based on 500 miles (805 km) within your current vehicle's location.

NOTE:

If there are no trails within a 500-mile (805-km) radius within your current vehicle's location, "No Results Found" will appear on your touchscreen.

Preloaded Trails

Press "Preloaded Trails" to see a list of trails that are preloaded onto your Uconnect system.

Preloaded Trails

NOTE:

"Preloaded Trails" cannot be deleted from the list, as they are the default trails that remain on your system permanently.

Downloaded Trails

Any trail that you wish to download, press the Download button on the trail you have selected.

NOTE:

- "Trail Downloaded Successfully" will display towards the top of your touchscreen if the trail was downloaded properly. Once the download has been successful, "Check for updates" will be available if you wish to check the trail for updates.
- "Downloaded Trails Full. Free up some space" will display towards the top of your touchscreen if there is not enough space. Press the Downloaded Trails button to remove existing trails.

Press the Remove icon to remove a trail from the list. You will be presented with a confirmation, "Are you sure you want to delete this trail?". Press "Yes" to show the trail was deleted successfully, or press "No" or the X button which will bring you back to the Downloaded Trails list.

Remove Downloaded Trails

TRAILER TOW — IF EQUIPPED

If your vehicle is equipped with Trailer Tow Pages, you will be able to view and edit different trailer settings for each of your unique trailers.

To access Trailer Tow Pages, press on the Vehicle icon in the lower menu bar on the touchscreen, and then select "Towing & Trailers".

Towing & Trailers Button

TRAILER INFO

Trailer Tow Pages Info Tab

The Trailer Info main page displays your trailer's tire pressure, odometer, electric range select, and view of your trailer's Tow/Haul mode status.

Displayed in the Trailer Info tab are the following gauges that show information for each separate trailer:

- Trailer Brake
- Transmission Temperature
- Coolant Temperature
- Oil Temperature
- Oil Pressure
- Battery Voltage

NOTE:

Press the Up and Down arrows on the right-hand side of your touchscreen to toggle between gauges, as only up to five will be displayed at a time.

The upper right-hand corner of each gauge will give you the option to maximize each gauge, which will show you the Gauge Detail View page that will show specific gauge information and a status graph of the gauge over time. To get back to the Trailer Info page, select the same icon located at the top right.

NOTE:

If any gauge reaches a critical condition, the fill bar, numerical readout, and icon will be displayed in bright red.

CAMERAS

Selecting the Camera tab within "Trailer Tow Pages" will redirect you to the Trailer tab in the More Cams section of the Camera app.

Trailer Tow Pages Camera Tab

After selecting your desired trailer camera view, selecting the More Cams button will take you back to the previous screen.

In order for the camera's features to be accessible, the Surround View Camera settings have to be enabled ⇨ page 179.

LIGHT CHECK

Pressing the Light Check tab will open the Light Check Ready page. A box will appear with the text "Activate Light Check", which will allow you to check your trailer's brake lights.

Trailer Tow Pages Light Check Tab

Once selected, the screen will change to “Light Check in Progress”. The box will turn red and the text will read “Cancel Light Check”, which will then turn the trailer’s brake lights back off.

Checking “Auto Trailer Light Check” in the “Trailer Brake/Trailer” Uconnect Settings will automatically turn on your trailer’s lights once the trailer is attached to the vehicle. For more information ⇨ page 178.

NOTE:

After two minutes, if “Cancel Light Check” is not selected, the screen will automatically revert back to the Activate Light Check screen.

SETUP

After selecting your trailer of choice, selecting the Setup tab will redirect to the Uconnect Settings “Trailer Brake/Trailer” feature, ⇨ page 178.

Trailer Tow Pages Setup Tab

NOTE:

Make sure that “Use this Trailer” is selected in order to make any settings changes to that selected trailer.

RADIO OPERATION AND MOBILE PHONES

Under certain conditions, the mobile phone being on in your vehicle can cause erratic or noisy performance from your radio. This condition may be lessened or eliminated by repositioning the mobile phone within the vehicle. This condition is not harmful to the radio. If your radio performance does not satisfactorily improve from repositioning the mobile phone, it is recommended that the volume be turned down or off during mobile phone operation when not using the Uconnect system.

SAFETY

SAFETY FEATURES

ANTI-LOCK BRAKE SYSTEM (ABS)

The ABS provides increased vehicle stability and brake performance under most braking conditions. The system automatically prevents wheel lock and enhances vehicle control during braking.

The ABS performs a self-check cycle to ensure that the ABS is working properly each time the vehicle is started and driven. During this self-check, you may hear a slight clicking sound as well as some related motor noises.

The ABS is activated during braking when the system detects one or more wheels are beginning to lock. Road conditions such as ice, snow, gravel, bumps, railroad tracks, loose debris, or panic stops may increase the likelihood of ABS activation(s).

You also may experience the following normal characteristics when the ABS activates:

- ABS motor noise or clicking sounds (you may continue to hear for a short time after the stop).
- Brake pedal pulsations.
- A slight drop of the brake pedal at the end of the stop.

The ABS is designed to function with the Original Equipment Manufacturer (OEM) tires. Modification may result in degraded ABS performance.

WARNING!

- The ABS contains sophisticated electronic equipment that may be susceptible to interference caused by improperly installed or high output radio transmitting equipment. This interference can cause possible loss of anti-lock braking capability. Installation of such equipment should be performed by qualified professionals.
- Pumping of the Anti-Lock Brakes will diminish their effectiveness and may lead to a collision. Pumping makes the stopping distance longer. Just press firmly on your brake pedal when you need to slow down or stop.
- The ABS cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase braking or steering efficiency beyond that afforded by the condition of the vehicle brakes and tires or the traction afforded.
- The ABS cannot prevent collisions, including those resulting from excessive speed in turns, following another vehicle too closely, or hydroplaning.
- The capabilities of an ABS equipped vehicle must never be exploited in a reckless or dangerous manner that could jeopardize the user's safety or the safety of others.

Anti-Lock Brake System (ABS) Warning Light

The yellow ABS Warning Light will turn on when the ignition is placed in the ON/RUN mode and may stay on for as long as four seconds.

If the ABS Warning Light remains on or comes on while driving, it indicates that the anti-lock portion of the brake system is not functioning and that service is required. However, the conventional brake system will continue to operate normally if the ABS Warning Light is on.

If the ABS Warning Light is on, the brake system should be serviced as soon as possible to restore the benefits of Anti-Lock Brakes. If the ABS Warning Light does not come on when the ignition is placed in the ON/RUN mode, have the light repaired as soon as possible.

REAR SEAT REMINDER ALERT (RSRA)

RSRA alerts of the possible presence of an object, passenger, or pet in the rear seats through a visual and auditory notification. When the system is activated, it displays the message "Check Rear Seat" on the instrument cluster display and sounds an auditory alert upon the driver placing the ignition in the OFF position to exit the vehicle. The system will activate automatically if a rear door is opened within 10 minutes of the ignition being placed in the ON/RUN position. RSRA should be used as a reminder to check the rear seats; it does not directly detect objects, passengers, or pets and is only activated when the previous conditions are met.

To enable or disable RSRA, see ⇨ page 170.

WARNING!

- Before exiting a vehicle, always come to a complete stop, then shift the automatic transmission into PARK and apply the parking brake.
- Always make sure the keyless ignition node is in the OFF position, key fob is removed from the vehicle and vehicle is locked.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Leaving children in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave children or animals inside parked vehicles in hot weather. Interior heat buildup may cause serious injury or death.

DROWSY DRIVER DETECTION (DDD) — IF EQUIPPED

DDD detects when the driver is feeling fatigued and warns the driver to pull over and take a break.

To Activate/Deactivate

DDD can be activated and deactivated through the Uconnect system by selecting the following in order:

1. “Safety & Driving Assistance”
2. “Drowsy Driver Detection”

WARNING!

The DDD system is an aid for driving and does not relieve the driver of the responsibility of driving the vehicle. If you experience fatigue while driving, pull over safely for a break without waiting for the DDD to intervene. Only return to the road when you are in the right physical and mental condition to prevent endangering yourself and other drivers.

System Intervention

Using feedback obtained from the driver’s steering patterns, any buttons/switches that are pressed, and from the front camera, the system implements two operating logics:

- The first operating logic takes the driving style into account, observing the road and detecting to what extent the driver can continue driving with few lane crossing events.
- The second operating logic measures the time spent behind the wheel with the vehicle speed above 40 mph (60 km/h) and below 100 mph (160 km/h).

If the driving style indicates that the driver is unable to follow the road trajectory and respect the horizontal lane markings while within the operating speed range of the system, a pop-up will display on the instrument cluster display suggesting the driver stop for a break. An audible signal will also sound.

If the driver **accepts** the suggestion provided by the system by pushing the “OK” button on the left side of the steering wheel, the message will disappear from the display.

If the driver **does not acknowledge** the warning it will be displayed for 60 seconds and then disappear.

NOTE:

In the event of a DDD system failure, a dedicated message will appear in the instrument cluster display.

DDD Warning Message

ELECTRONIC BRAKE CONTROL (EBC) SYSTEM

Your vehicle is equipped with an advanced EBC system. This system includes the Anti-Lock Brake System (ABS), Brake Assist System (BAS), Electronic Brake Force Distribution (EBD), Electronic Stability Control (ESC), Electronic Roll Mitigation (ERM), Hill Start Assist (HSA), Intersection Collision Assist (ICA), and Traction Control System (TCS). These systems work together to enhance both vehicle stability and control in various driving conditions.

Your vehicle may also be equipped with Dynamic Steering Torque (DST), Rain Brake Support (RBS), Ready Alert Braking (RAB), and Trailer Sway Control (TSC).

Brake Assist System (BAS)

The BAS is designed to optimize the vehicle's braking capability during emergency braking maneuvers. The system detects an emergency braking situation by sensing the rate and amount of brake application and then applies optimum pressure to the brakes. This can help reduce braking distances. The BAS complements the Anti-Lock Brake System (ABS). Applying the brakes very quickly results in the best BAS assistance. To receive the benefit of the system, you must apply continuous braking pressure during the stopping sequence (do not "pump" the brakes). Do not reduce brake pedal pressure unless braking is no longer desired. Once the brake pedal is released, the BAS is deactivated.

WARNING!

The Brake Assist System (BAS) cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded by prevailing road conditions. BAS cannot prevent collisions, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. The capabilities of a BAS-equipped vehicle must never be exploited in a reckless or dangerous manner, which could jeopardize the user's safety or the safety of others.

Brake System Warning Light

The red Brake System Warning Light will turn on when the ignition is placed in the ON/RUN mode and may stay on for as long as four seconds.

If the Brake System Warning Light remains on or comes on while driving, it indicates that the brake system is not functioning properly and that immediate service is required. If the Brake System Warning Light does not come on when the ignition is placed in the ON/RUN mode, have the light repaired as soon as possible.

Electronic Brake Force Distribution (EBD)

EBD manages the distribution of the braking torque between the front and rear axles by limiting braking pressure to the rear axle. This is done to prevent overslip of the rear wheels to avoid vehicle instability, and to prevent the rear axle from entering ABS before the front axle.

Electronic Roll Mitigation (ERM)

ERM anticipates the potential for wheel lift by monitoring the driver's steering wheel input and the speed of the vehicle. When ERM determines that the rate of change of the steering wheel angle and vehicle's speed are sufficient to potentially cause wheel lift, it then applies the appropriate brake and may also reduce engine power to lessen the chance that wheel lift will occur. ERM can only reduce the chance of wheel lift occurring during severe or evasive driving maneuvers; it cannot prevent wheel lift due to other factors, such as road conditions, leaving the roadway, or striking objects or other vehicles.

NOTE:

ERM is disabled any time the ESC is in "Full Off" mode (if equipped). See ⇨ page 210 for a complete explanation of the available ESC modes.

WARNING!

Many factors, such as vehicle loading, road conditions and driving conditions, influence the chance that wheel lift or rollover may occur. ERM cannot prevent all wheel lift or rollovers, especially those that involve leaving the roadway or striking objects or other vehicles. The capabilities of an ERM-equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.

Electronic Stability Control (ESC)

ESC enhances directional control and stability of the vehicle under various driving conditions. ESC corrects for oversteering or understeering of the vehicle by applying the brake of the appropriate wheel(s) to assist in counteracting these conditions. Engine power may also be reduced to help the vehicle maintain the desired path.

- Oversteer — when the vehicle is turning more than appropriate for the steering wheel position.
- Understeer — when the vehicle is turning less than appropriate for the steering wheel position.

ESC uses sensors in the vehicle to determine the vehicle path intended by the driver and compares it to the actual path of the vehicle. When the actual path does not match the intended path, ESC applies the brake of the appropriate wheel to assist in counteracting the oversteer or understeer condition.

The ESC Activation/Malfunction Indicator Light located in the instrument cluster will start to flash as soon as the ESC system becomes active. The ESC Activation/Malfunction Indicator Light also flashes when the Traction Control System (TCS) is active. If the ESC

Activation/Malfunction Indicator Light begins to flash during acceleration, ease up on the accelerator and apply as little throttle as possible. Be sure to adapt your speed and driving to the prevailing road conditions.

WARNING!

- Electronic Stability Control (ESC) cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded by prevailing road conditions. ESC cannot prevent accidents, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. ESC also cannot prevent accidents resulting from loss of vehicle control due to inappropriate driver input for the conditions. Only a safe, attentive, and skillful driver can prevent accidents. The capabilities of an ESC equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.
- Vehicle modifications, or failure to properly maintain your vehicle, may change the handling characteristics of your vehicle, and may negatively affect the performance of the ESC system. Changes to the steering system, suspension, braking system, tire type and size or wheel size may adversely affect ESC performance. Improperly inflated and unevenly worn tires may also degrade ESC performance. Any vehicle modification or poor vehicle maintenance that reduces the effectiveness of the ESC system can increase the risk of loss of vehicle control, vehicle rollover, personal injury and death.

ESC Operating Modes

Depending upon model and mode of operation, the ESC system may have multiple operating modes.

ESC On

This is the normal operating mode for the ESC. Whenever the vehicle is started, the ESC system will be in this mode. This mode should be used for most driving conditions. Alternate ESC modes should only be used for specific reasons as noted in the following paragraphs.

Partial Off

This mode may be useful if the vehicle becomes stuck. This mode may modify TCS and ESC thresholds for activation, which allows for more wheel spin than normally allowed.

To enter the "Partial Off" mode, momentarily push the ESC OFF button and the ESC OFF Indicator Light will illuminate. To turn the ESC on again, momentarily push the ESC OFF button and the ESC OFF Indicator Light will turn off.

NOTE:

For vehicles with multiple partial ESC modes, the push and release of the button will toggle the ESC modes. Multiple attempts may be required to return to "ESC On" mode.

WARNING!

- When in "Partial Off" mode, the TCS functionality of ESC, except for the limited slip feature described in the TCS section, has been disabled and the ESC OFF Indicator Light will be illuminated. When in "Partial Off" mode, the engine power reduction feature of TCS is disabled, and the enhanced vehicle stability offered by the ESC system is reduced.
- Trailer Sway Control (TSC) is disabled when the ESC system is in the "Partial Off" mode.

ESC Activation/Malfunction Indicator Light And ESC OFF Indicator Light

The ESC Activation/Malfunction Indicator Light in the instrument cluster will come on when the ignition is placed in the ON/RUN mode. It should go out with the engine running. If the ESC Activation/Malfunction Indicator Light comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), see an authorized dealer as soon as possible to have the problem diagnosed and corrected.

The ESC Activation/Malfunction Indicator Light starts to flash as soon as the tires lose traction and the ESC system becomes active. The ESC Activation/Malfunction Indicator Light also flashes when TCS is active. If the ESC Activation/Malfunction Indicator Light begins to flash

during acceleration, ease up on the accelerator and apply as little throttle as possible. Be sure to adapt your speed and driving to the prevailing road conditions.

The ESC OFF Indicator Light indicates the customer has elected to have the Electronic Stability Control (ESC) in a reduced mode.

NOTE:

- The ESC Activation/Malfunction Indicator Light and the ESC OFF Indicator Light come on momentarily each time the ignition is placed in the ON/RUN mode.
- Each time the ignition is placed in the ON/RUN mode, the ESC system will be on even if it was turned off previously.
- The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive following the maneuver that caused the ESC activation.

Hill Descent Control (HDC) — If Equipped

HDC is intended for low speed off-road driving while in 4WD Low. HDC maintains vehicle speed while descending hills during various driving situations. HDC controls vehicle speed by actively controlling the brakes.

HDC Has Three States:

1. Off (feature is not enabled and will not activate).
2. Enabled (feature is enabled and ready but activation conditions are not met, or driver is actively overriding with brake or throttle application).
3. Active (feature is enabled and actively controlling vehicle speed).

Enabling HDC

HDC is enabled by pushing the HDC switch, but the following conditions must also be met to enable HDC:

- The driveline is in 4WD Low.
- The vehicle speed is below 5 mph (8 km/h).
- The parking brake is released.
- The driver door is closed.

Activating HDC

Once HDC is enabled it will activate automatically if driven down a grade of sufficient magnitude. The set speed for HDC is selectable by the driver, and can be adjusted by using the gear shift +/-. The following summarizes the HDC set speeds:

HDC Target Set Speeds

- P = No set speed. HDC may be enabled but will not activate.
- R = 0.6 mph (1 km/h)
- N = 1.2 mph (2 km/h)
- D = 0.6 mph (1 km/h)
- 1st = 0.6 mph (1 km/h)
- 2nd = 1.2 mph (2 km/h)
- 3rd = 1.8 mph (3 km/h)
- 4th = 2.5 mph (4 km/h)
- 5th = 3.1 mph (5 km/h)
- 6th = 3.7 mph (6 km/h)
- 7th = 4.3 mph (7 km/h)
- 8th = 5.0 mph (8 km/h)
- 9th = 5.6 mph (9 km/h) – If Equipped

NOTE:

During HDC the +/- shifter input is used for HDC target speed selection, but will not affect the gear chosen by the transmission. When actively controlling HDC the transmission will shift appropriately for the driver-selected set speed and corresponding driving conditions.

Driver Override

The driver may override HDC activation with throttle or brake application at any time.

Deactivating HDC

HDC will be deactivated but remain available if any of the following conditions occur:

- The driver overrides HDC set speed with throttle or brake application.
- The vehicle speed exceeds 20 mph (32 km/h) but remains below 40 mph (64 km/h).
- The vehicle is on a downhill grade of insufficient magnitude, is on level ground, or is on an uphill grade.
- The vehicle is shifted to PARK.

Disabling HDC

HDC will be deactivated and disabled if any of the following conditions occur:

- The driver pushes the HDC switch.
- The driveline is shifted out of 4WD Low.
- The parking brake is applied.
- The driver door opens.
- The vehicle is driven greater than 20 mph (32 km/h) for greater than 70 seconds.
- The vehicle is driven greater than 40 mph (64 km/h) (HDC exits immediately).
- HDC detects excessive brake temperature.

Feedback To The Driver

The instrument cluster has an HDC icon and the HDC switch has an LED icon, which offers feedback to the driver about the state HDC is in.

- The cluster icon and switch light will illuminate and remain on solid when HDC is enabled or activated. This is the normal operating condition for HDC.
- The cluster icon and switch light will flash for several seconds, then extinguish when the driver pushes the HDC switch but enable conditions are not met.
- The cluster icon and switch light will flash for several seconds, then extinguish when HDC disables due to excess speed.
- The cluster icon and switch light will flash when HDC deactivates due to overheated brakes. The flashing will stop and HDC will activate again once the brakes have cooled sufficiently.

WARNING!

HDC is only intended to assist the driver in controlling vehicle speed when descending hills. The driver must remain attentive to the driving conditions and is responsible for maintaining a safe vehicle speed.

Hill Start Assist (HSA)

HSA is designed to mitigate roll back from a complete stop while on an incline. If the driver releases the brake while stopped on an incline, HSA will continue to hold the brake pressure for a short period. If the driver does not apply the throttle before this time expires, the system will release brake pressure and the vehicle will roll down the hill as normal.

The following conditions must be met in order for HSA to activate:

- The feature must be enabled.
- The vehicle must be stopped.
- The parking brake must be off.
- The driver door must be closed.
- The vehicle must be on a sufficient grade.
- The gear selection must match vehicle uphill direction (i.e., vehicle facing uphill is in forward gear; vehicle backing uphill is in REVERSE (R) gear).
- HSA will work in REVERSE gear and all forward gears. The system will not activate if the transmission is in PARK (P) or NEUTRAL (N).

WARNING!

There may be situations where the Hill Start Assist (HSA) will not activate and slight rolling may occur, such as on minor hills or with a loaded vehicle, or while pulling a trailer. HSA is not a substitute for active driving involvement. It is always the driver's responsibility to be attentive to distance to other vehicles, people, and objects, and most importantly brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision or serious personal injury.

Disabling And Enabling HSA

This feature can be turned on or turned off. To change the current setting, proceed as follows:

- If disabling HSA using your instrument cluster display, see ⇨ page 88 for further information.
- If disabling HSA using Uconnect Settings, see ⇨ page 170 for further information.

Towing With HSA

HSA will also provide assistance to mitigate roll back while towing a trailer.

WARNING!

- If you use a trailer brake controller with your trailer, the trailer brakes may be activated and deactivated with the brake switch. If so, there may not be enough brake pressure to hold both the vehicle and the trailer on a hill when the brake pedal is released. In order to avoid rolling down an incline while resuming acceleration, manually activate the trailer brake or apply more vehicle brake pressure prior to releasing the brake pedal.
- HSA is not a parking brake. Always apply the parking brake fully when exiting your vehicle. Also, be certain to place the transmission in PARK.
- Failure to follow these warnings can result in a collision or serious personal injury.

Rain Brake Support (RBS)

RBS may improve braking performance in wet conditions. It will periodically apply a small amount of brake pressure to remove any water buildup on the front brake rotors. It functions when the windshield wipers are in LO or HI speed. When RBS is active, there is no notification to the driver and no driver interaction is required.

Ready Alert Braking (RAB)

RAB may reduce the time required to reach full braking during emergency braking situations. It anticipates when an emergency braking situation may occur by monitoring how fast the throttle is released by the driver. The Electronic Brake Controller (EBC) will prepare the brake system for a panic stop.

Selec-Speed Control (SSC) — If Equipped

Selec-Speed Control (SSC) is intended for off-road driving in 4WD Low only. SSC maintains vehicle speed by actively controlling engine torque and brakes.

SSC has three states:

1. Off (feature is not enabled and will not activate)
2. Enabled (feature is enabled and ready but activation conditions are not met, or driver is actively overriding with brake or throttle application)
3. Active (feature is enabled and actively controlling vehicle speed)

Enabling SSC

SSC is enabled by pushing the SSC switch, but the following conditions must also be met to enable SSC:

- The driveline is in 4WD Low.
- The vehicle speed is below 5 mph (8 km/h).
- The parking brake is released.
- The driver door is closed.
- The driver is not applying throttle.

Activating SSC

Once SSC is enabled it will activate automatically once the following conditions are met:

- Driver releases throttle.
- Driver releases brake.
- Transmission is in any selection other than PARK.
- Vehicle speed is below 20 mph (32 km/h).

The set speed for SSC is selectable by the driver, and can be adjusted by using the gear shift +/-. Additionally, the SSC set speed may be reduced when climbing a grade and the level of set speed reduction depends on the magnitude of grade. The following summarizes the SSC set speeds:

SSC Target Set Speeds

- 1st = .6 mph (1 km/h)
- 2nd = 1.2 mph (2 km/h)
- 3rd = 1.8 mph (3 km/h)
- 4th = 2.5 mph (4 km/h)
- 5th = 3.1 mph (5 km/h)
- 6th = 3.7 mph (6 km/h)
- 7th = 4.3 mph (7 km/h)
- 8th = 5 mph (8 km/h)
- 9th = 5.6 mph (9 km/h) – If Equipped
- REVERSE = .6 mph (1 km/h)
- NEUTRAL = 1.2 mph (2 km/h)
- PARK = SSC remains enabled but not active

NOTE:

- During SSC the +/- shifter input is used for SSC target speed selection but will not affect the gear chosen by the transmission. While actively controlling SSC the transmission will shift appropriately for the driver-selected set speed and corresponding driving conditions.
- SSC performance is influenced by the Select-Terrain mode. This difference may be notable to the driver and may be perceived as a varying level of aggressiveness.

Driver Override:

The driver may override SSC activation with throttle or brake application at any time.

Deactivating SSC

SSC will be deactivated but remain available if any of the following conditions occur:

- Driver overrides SSC set speed with throttle or brake application
- Vehicle speed exceeds 20 mph (32 km/h) but remains below 40 mph (64 km/h)
- Vehicle is shifted to PARK

Disabling SSC

SSC will deactivate and be disabled if any of the following conditions occur:

- The driver pushes the SSC switch.
- The driveline is shifted out of 4WD Low.
- The parking brake is applied.
- The driver door opens.
- The vehicle is driven greater than 20 mph (32 km/h) for greater than 70 seconds.
- The vehicle is driven greater than 40 mph (64 km/h) (SSC exits immediately).

Feedback To The Driver:

The instrument cluster has an SSC icon and the SSC switch has an LED which offers feedback to the driver about the state SSC is in.

- The cluster icon and switch light will illuminate and remain on solid when SSC is enabled or activated. This is the normal operating condition for SSC.
- The cluster icon and switch light will flash for several seconds then extinguish when the driver pushes the SSC switch but enable conditions are not met.
- The cluster icon and switch light will flash for several seconds then extinguish when SSC disables due to excess speed.
- The cluster icon and switch light will flash then extinguish when SSC deactivates due to overheated brakes.

WARNING!
SSC is only intended to assist the driver in controlling vehicle speed when driving in off-road conditions. The driver must remain attentive to the driving conditions and is responsible for maintaining a safe vehicle speed.

Traction Control System (TCS)

The TCS monitors the amount of wheel spin of each of the driven wheels. If wheel spin is detected, the TCS may apply brake pressure to the spinning wheel(s) and/or reduce engine power to provide enhanced acceleration and stability. A feature of the TCS, Brake Limited Differential (BLD) functions similarly to a limited slip differential and controls the wheel spin across a driven axle. If one wheel on a driven axle is spinning faster than the other, the system will apply the brake of the spinning wheel. This will allow more engine power to be applied to the wheel that is not spinning. BLD may remain enabled even if the TCS and Electronic Stability Control (ESC) are in reduced modes.

Trailer Sway Control (TSC)

TSC uses sensors in the vehicle to recognize an excessively swaying trailer and will take the appropriate actions to attempt to stop the sway. TSC will become active automatically once an excessively swaying trailer is recognized.

NOTE:

TSC cannot stop all trailers from swaying. Always use caution when towing a trailer and follow the trailer tongue weight recommendations ⇨ page 154.

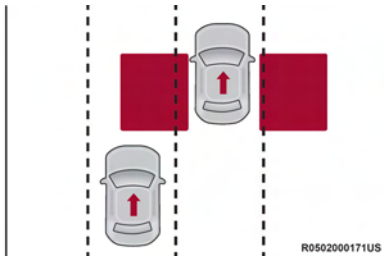
When TSC is functioning, the ESC Activation/Malfunction Indicator Light will flash, the engine power may be reduced and you may feel the brakes being applied to individual wheels to attempt to stop the trailer from swaying. TSC is disabled when the ESC system is in the “Partial Off” mode.

WARNING!
If TSC activates while driving, slow the vehicle down, stop at the nearest safe location, and adjust the trailer load to eliminate trailer sway.

AUXILIARY DRIVING SYSTEMS

BLIND SPOT MONITORING (BSM)

BSM system uses two radar sensors, located inside the rear fascia/bumper, to detect highway licensable vehicles (automobiles, trucks, motorcycles, etc.) that enter the blind spot zones from the rear/front/side of the vehicle.



Rear Detection Zones

When the vehicle is started, the BSM Warning Light will momentarily illuminate in both outside rearview mirrors to let the driver know that the system is operational. The BSM system sensors operate when the vehicle is in any forward gear.

The BSM detection zone covers approximately one lane in width on both sides of the vehicle 12 ft (3.8 m). The zone length starts at the side of the vehicle, near the B-pillar, and extends approximately 10 ft (3 m) beyond the rear fascia/bumper of the vehicle. The BSM system monitors the detection zones on both sides of the vehicle when the vehicle speed is 7 mph (11 km/h) or

higher and will alert the driver of vehicles in these areas. BSM will alert earlier on faster-approaching vehicles – up to 33 mph (54 km/h) difference.

NOTE:

The BSM system detection zone DOES NOT change if your vehicle is towing a trailer. Therefore, visually verify the adjacent lane is clear for both your vehicle and trailer before making a lane change. If the trailer or other object (i.e., bicycle, sports equipment) extends beyond the side of your vehicle, this may result in random false detections on the trailer, and false chimes when the turn signal is used ⇨ page 170.

The BSM system can become blocked if snow, ice, mud, or other road contaminants accumulate on the rear fascia/bumper where the radar sensors are located. The system may also detect blockage if the vehicle is operated in areas with extremely low radar returns such as a desert or parallel to a large elevation drop. If blockage is detected, a “Blind Spot Temporarily Unavailable, Sensor Blocked” message will display in the cluster, both mirror lights will illuminate, and BSM and RCP alerts will not occur. This is normal operation. The system will automatically recover and resume function when the condition clears or when an ignition cycle occurs. To minimize system blockage, do not block the area of the rear fascia/bumper where the radar sensors are located with foreign objects (bumper stickers, bicycle racks, etc.) and keep it clear of road contaminants.

Sensor Location (Left Side Shown)

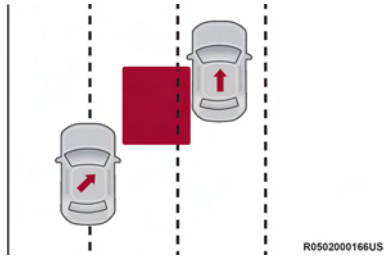
The BSM system notifies the driver of objects in the detection zones by illuminating the BSM Warning Light located in the outside mirrors. In addition, when the turn signal is activated during the alert on the side of the vehicle corresponding to the alert, an audible (chime) alert can be heard. During this audible (chime) alert, the radio volume will be reduced ⇨ page 218.

BSM Warning Light

The BSM system monitors the detection zone from three different entry points (Side, Rear, Front) while driving to see if an alert is necessary. The BSM system will issue an alert during these types of zone entries.

Entering From The Side

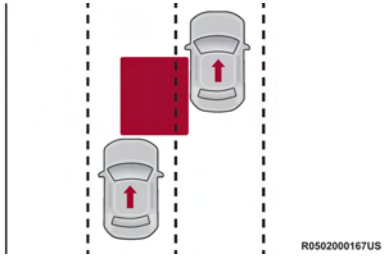
Vehicles that move into your adjacent lanes from either side of the vehicle.



Side Monitoring

Entering From The Rear

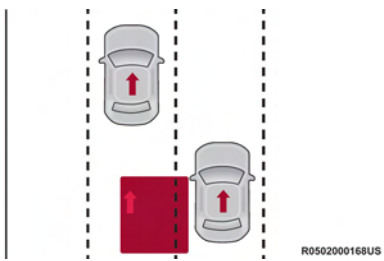
Vehicles that come up from behind your vehicle on either side and enter the rear detection zone with a relative speed of less than 33 mph (54 km/h). Fast approaching vehicles will receive an earlier alert based on relative speed.



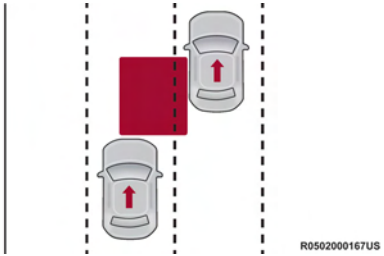
Rear Monitoring

Overtaking Traffic

If you pass another vehicle slowly with a relative speed of less than 13 mph (24 km/h) the warning light will be illuminated. If the difference in speed between the two vehicles is greater than 13 mph (24 km/h), the warning light will not illuminate.



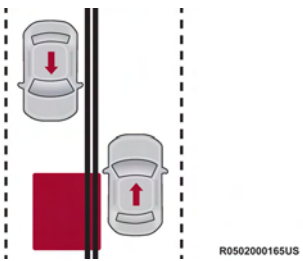
Overtaking/Approaching



Overtaking/Passing

The BSM system is designed not to issue an alert on stationary objects such as guardrails, posts, walls, foliage, berms, etc. However, occasionally the system may alert on such objects. This is normal operation and your vehicle does not require service.

The BSM system will not alert you of objects that are traveling in the opposite direction of the vehicle in adjacent lanes.



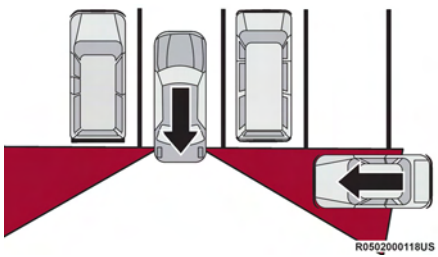
Opposing Traffic

WARNING!

The Blind Spot Monitoring system is only an aid to help detect objects in the blind spot zones. The BSM system is not designed to detect pedestrians, bicyclists, or animals. Even if your vehicle is equipped with the BSM system, always check your vehicle's mirrors, glance over your shoulder, and use your turn signal before changing lanes. Failure to do so can result in serious injury or death.

Rear Cross Path (RCP)

RCP is intended to aid the driver when backing out of parking spaces where their vision of oncoming vehicles may be blocked. Proceed slowly and cautiously out of the parking space until the rear end of the vehicle is exposed. The RCP system will then have a clear view of the cross traffic and if an oncoming vehicle is detected, alert the driver.



RCP Detection Zones

RCP monitors the rear detection zones on both sides of the vehicle, for objects that are moving toward the side of the vehicle with a minimum speed of approximately 5 mph (8 km/h), to objects moving a maximum of approximately 20 mph (32 km/h), such as in parking lot situations.

NOTE:

In a parking lot situation, oncoming vehicles can be obscured by vehicles parked on either side. If the sensors are blocked by other structures or vehicles, the system will not be able to alert the driver.

When RCP is on and the vehicle is in REVERSE, the driver is alerted using both the visual and audible alarms, including reducing the radio volume.

WARNING!
Rear Cross Path (RCP) Detection is not a back up aid system. It is intended to be used to help a driver detect an oncoming vehicle in a parking lot situation. Drivers must be careful when backing up, even when using RCP. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. Failure to do so can result in serious injury or death.

Blind Spot Modes

Three selectable modes of operation are available in the Uconnect system ⇨ page 170.

Blind Spot Alert Lights Only

When operating in Blind Spot Alert mode, the BSM system will provide a visual alert in the appropriate side view mirror based on a detected object. However, when the system is operating in Rear Cross Path (RCP) mode, the system will respond with both visual and audible alerts when a detected object is present. Whenever an audible alert is requested, the radio is muted.

Blind Spot Alert Lights/Chime

When operating in Blind Spot Alert Lights/Chime mode, the BSM system will provide a visual alert in the appropriate side view mirror based on a detected object. If the turn signal is then activated, and it corresponds to an alert present on that side of the vehicle, an audible chime will also be sounded. Whenever a turn signal and detected object are present on the same side at the same time, both the visual and audible alerts will be issued. In addition to the audible alert the radio (if on) will also be muted.

NOTE:

Whenever an audible alert is requested by the BSM system, the radio is also muted.

When the system is in RCP, the system shall respond with both visual and audible alerts when a detected object is present. Whenever an audible alert is requested, the radio is also muted. Turn/hazard signal status is ignored; the RCP state always requests the chime.

Blind Spot Alert Off

When the BSM system is turned off, there will be no visual or audible alerts from either the BSM or RCP systems.

NOTE:

The BSM system will store the current operating mode when the vehicle is shut off. Each time the vehicle is started, the previously stored mode will be recalled and used.

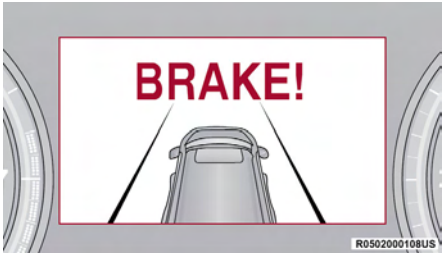
FORWARD COLLISION WARNING (FCW) WITH MITIGATION

FCW with Mitigation system provides the driver with audible warnings, visual warnings (within the instrument cluster display), and may apply a brake jerk to warn the driver when it detects a potential frontal collision. The warnings and limited braking are intended to provide the driver with enough time to react, avoid or mitigate the potential collision.

NOTE:

FCW monitors the information from the forward looking sensors as well as the Electronic Brake Controller (EBC), to calculate the probability of a forward collision. When the system determines that a forward collision is probable, the driver will be provided with audible and visual warnings and may provide a brake jerk warning. If the driver does not take action based upon these progressive warnings, then the system will provide a limited level of active braking to help slow the vehicle and mitigate the potential forward collision. If the driver reacts to the warnings by braking and the system determines that the driver intends to avoid the collision by braking but has not applied sufficient brake force, the system will compensate and provide additional brake force as required.

If a Forward Collision Warning with Mitigation event begins at a speed below 39 mph (62 km/h), the system may provide the maximum or partial braking to mitigate the potential forward collision. If the Forward Collision Warning with Mitigation event stops the vehicle completely, the system will hold the vehicle at a standstill for two seconds and then release the brakes.



FCW Message

When the system determines a collision with the vehicle in front of you is no longer probable, the warning message will be deactivated.

NOTE:

- The minimum speed for FCW activation is 3 mph (5 km/h).
- The FCW alerts may be triggered on objects other than vehicles, such as guardrails or sign posts based on the course prediction. This is expected and is a part of normal FCW activation and functionality.
- It is unsafe to test the FCW system. To prevent such misuse of the system, after four Active Braking events within an ignition cycle, the Active Braking portion of FCW will be deactivated until the next ignition cycle.
- The FCW system is intended for on-road use only. If the vehicle is taken off-road, the FCW system should be deactivated to prevent unnecessary warnings to the surroundings. If the vehicle enters 4WD Low, the FCW system will be automatically deactivated.

WARNING!

Forward Collision Warning (FCW) is not intended to avoid a collision on its own, nor can FCW detect every type of potential collision. The driver has the responsibility to avoid a collision by controlling the vehicle via braking and steering. Failure to follow this warning could lead to serious injury or death.

FCW Braking Status And Sensitivity

The FCW Sensitivity and Active Braking status are programmable through the Uconnect system ⇨ page 170.

The default sensitivity of FCW is the “Medium” setting and the system status is “Warning & Braking”. This allows the system to warn the driver of a possible collision with the vehicle in front using audible/visual warnings and it applies autonomous braking.

Changing the FCW status to the “Far” setting allows the system to warn the driver of a possible collision with the vehicle in front using an audible/visual warning when the latter is at a farther distance than “Medium” setting. This provides the most reaction time to avoid a possible collision.

NOTE:

The “Far” setting may result in a greater number of FCW possible collision warnings experienced.

Changing the FCW status to the “Near” setting allows the system to warn the driver of a possible collision with the vehicle in front when the distance between the vehicle in the front is much closer. This setting provides less reaction time than the “Far” and “Medium” settings, which allows for a more dynamic driving experience.

NOTE:

The “Near” setting may result in a lesser number of FCW possible collision warnings experienced.

NOTE:

- Changing the FCW status to “Only Warning” prevents the system from providing limited active braking, or additional brake support if the driver is not braking adequately in the event of a potential frontal collision, but maintains the audible and visual warnings.
- Changing the FCW status to “Off” prevents the system from providing autonomous braking, or additional brake support if the driver is not braking adequately in the event of a potential frontal collision.
- The system will NOT retain the last setting selected by the driver after ignition shut down. The system will reset to "Medium" sensitivity and system status as “Warning & Braking” when the vehicle is restarted.
- FCW may not react to irrelevant objects such as overhead objects, ground reflections, objects not in the path of the vehicle, stationary objects that are far away, oncoming traffic, or leading vehicles with the same or higher rate of speed.
- FCW will be disabled like ACC, with the unavailable screens.

FCW Limited Warning

If the instrument cluster displays “ACC/FCW Limited Functionality” or “ACC/FCW Limited Functionality Clean Front Windshield” momentarily, there may be a condition that limits FCW functionality. Although the vehicle is still drivable under normal conditions, the active braking may not be fully available. Once the condition that limited the system performance is no longer present, the system will return to its full performance state. If the problem persists, see an authorized dealer.

Service FCW Warning

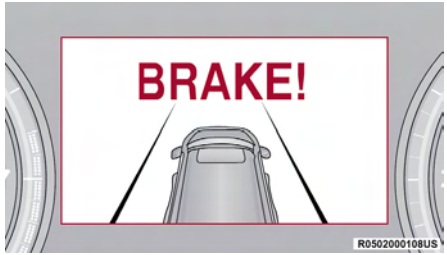
If the system turns off, and the instrument cluster displays:

- ACC/FCW Unavailable Service Required
- Cruise/FCW Unavailable Service Required

This indicates there is an internal system fault. Although the vehicle is still drivable under normal conditions, have the system checked by an authorized dealer.

Pedestrian Emergency Braking (PEB)

PEB is a subsystem of the Forward Collision Warning (FCW) system which provides the driver with audible warnings and visual warnings, in the instrument cluster display. It may apply limited automatic braking when it detects a potential frontal collision with a pedestrian/cyclist.



PEB Message

If a PEB event begins at a speed below 39 mph (62 km/h), the system may provide maximum braking to mitigate the potential collision with a pedestrian/cyclist. If the PEB event stops the vehicle completely, the system will hold the vehicle at a standstill for two seconds and then release the brakes. When the system determines a collision with the pedestrian/cyclist in front of you is no longer probable, the warning message will be deactivated.

The minimum speed for PEB activation is 3 mph (5 km/h).

WARNING!
Pedestrian Emergency Braking (PEB) is not intended to avoid a collision on its own, nor can PEB detect every type of potential collision with a pedestrian/cyclist. The driver has the responsibility to avoid a collision by controlling the vehicle via braking and steering. Failure to follow this warning could lead to serious injury or death.

Turning PEB On Or Off

NOTE:

The default status of PEB is “On.” This allows the system to warn you of a possible frontal collision with the pedestrian/cyclist.

The PEB button is located in the Uconnect display in the control settings ⇨ page 170.

To turn the PEB system off, push the Pedestrian Emergency Braking button once.

To turn the PEB system back on, push the Pedestrian Emergency Braking button again.

Changing the PEB status to “Off” deactivates the system, so no warning or active braking will be available in case of a possible frontal collision with the pedestrian/cyclist.

NOTE:

The PEB system will retain the last setting selected by the driver after ignition shut down. The system will not reset to the default setting when the vehicle is restarted.

Intersection Collision Assist (ICA) — If Equipped

ICA uses three front radar sensors located in the front fascia/bumper, to detect oncoming vehicles from the front or side when driving through an intersection. When the system determines that a collision is probable when turning across oncoming traffic, the system will attempt to mitigate a possible collision by decelerating the vehicle. When the system determines that a collision with a crossing vehicle is probable, the system may apply additional braking to supplement the driver braking input to attempt to mitigate a possible collision. The system will also provide audible warnings and

visual warnings (shown in the instrument cluster). If the driver determines acceleration is needed to avoid a collision, when the accelerator is pressed ICA will cancel.

TIRE PRESSURE MONITORING SYSTEM (TPMS)

The TPMS will warn the driver of a low tire pressure based on the vehicle recommended cold tire pressure.

The tire pressure will vary with temperature by about 1 psi (7 kPa) for every 12°F (6.5°C). This means that when the outside temperature decreases, the tire pressure will decrease. Tire pressure should always be set based on cold inflation tire pressure. This is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after a three-hour period. The tire pressure will also increase as the vehicle is driven — this is normal and there should be no adjustment for this increased pressure.

For information on how to properly inflate the vehicle's tires, see ⇨ page 304.

The TPMS will warn the driver of a low tire pressure if the tire pressure falls below the low pressure warning threshold for any reason, including low temperature effects, or natural pressure loss through the tire.

The TPMS will continue to warn the driver of low tire pressure as long as the condition exists, and will not turn off until the tire pressure is at or above recommended cold tire pressure. Once the low tire pressure warning has been illuminated, the tire pressure must be increased to the recommended cold tire pressure in order for the TPMS Warning Light to be turned off.

NOTE:

When filling warm tires, the tire pressure may need to be increased up to an additional 4 psi (28 kPa) above the recommended cold placard pressure in order to turn the TPMS Warning Light off.

The system will automatically update and the TPMS Warning Light will extinguish once the updated tire pressures have been received. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) to receive this information.

For example, your vehicle has a recommended cold (parked for more than three hours) tire pressure of 33 psi (227 kPa). If the ambient temperature is 68°F (20°C) and the measured tire pressure is 28 psi (193 kPa), a temperature drop to 20°F (-7°C) will decrease the tire pressure to approximately 24 psi (165 kPa). This tire pressure is sufficiently low enough to turn on the TPMS Warning Light. Driving the vehicle may cause the tire pressure to rise to approximately 28 psi (193 kPa), but the TPMS Warning Light will still be on. In this situation, the TPMS Warning Light will turn off only after the tires have been inflated to the vehicle's recommended cold tire pressure value.

CAUTION!

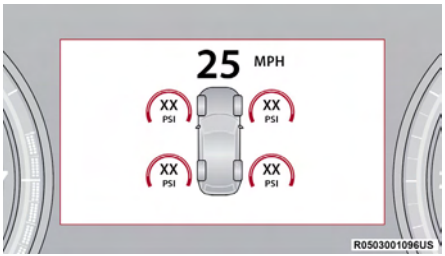
- The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warnings have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. The TPMS sensor is not designed for use on aftermarket wheels and may contribute to a poor overall system performance or sensor damage. Customers are encouraged to use Original Equipment Manufacturer (OEM) wheels to ensure proper TPMS feature operation.
- Using aftermarket tire sealants may cause the Tire Pressure Monitoring System (TPMS) sensor to become inoperable. After using an aftermarket tire sealant it is recommended that you take your vehicle to an authorized dealership to have your sensor function checked.
- After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the Tire Pressure Monitoring System sensor.

NOTE:

- The TPMS is not intended to replace normal tire care and maintenance, or to provide warning of a tire failure or condition.
- The TPMS should not be used as a tire pressure gauge while adjusting your tire pressure.
- Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

- The TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure using an accurate tire gauge, even if underinflation has not reached the level to trigger illumination of the TPMS Warning Light.
- Seasonal temperature changes will affect tire pressure, and the TPMS will monitor the actual tire pressure in the tire.

The Tire Pressure Monitoring System (TPMS) uses wireless technology with wheel rim-mounted electronic sensors to monitor tire pressure levels. Sensors, mounted to each wheel as part of the valve stem, transmit tire pressure readings to the receiver module.



Tire Pressure Monitoring System Display

NOTE:

It is particularly important for you to regularly check the tire pressure in all of your tires and to maintain the proper pressure.

The Tire Pressure Monitoring System (TPMS) consists of the following components:

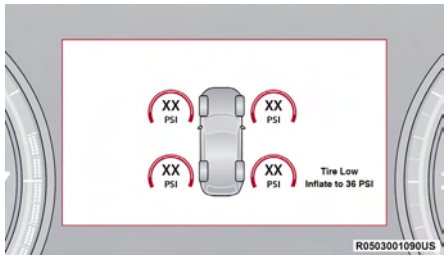
- Receiver module
- Four Tire Pressure Monitoring System sensors
- Various Tire Pressure Monitoring System messages, which display in the instrument cluster, and a graphic displaying tire pressures
- TPMS Warning Light

Tire Pressure Monitoring System Low Pressure Warnings

The TPMS Warning Light will illuminate in the instrument cluster, and an audible chime will be activated, when one or more of the four active road tire pressures are low. In addition, the instrument cluster will display an "Inflate to XX" message and a graphic display of the pressure value(s) with the low tire(s) in a different color ⇨ page 88.

NOTE:

Your system can be set to display pressure units in PSI, BAR, or kPa.



Low Tire Pressure Monitoring System Display

Should a low tire condition occur on any of the four active road tire(s), you should stop as soon as possible, and inflate the low tire(s) that is in a different color on the graphic display to the vehicle's recommended cold tire pressure displayed in the "Inflate to XX" message.

NOTE:

When filling warm tires, the tire pressure may need to be increased up to an additional 4 psi (28 kPa) above the recommended cold placard pressure in order to turn the TPMS Warning Light off.

The system will automatically update, the graphic display of the pressure value(s) will return to its original color and the TPMS Warning Light will extinguish once the updated tire pressure(s) have been received. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) to receive this information.

Service TPMS Warning

The Tire Pressure Monitoring System Warning Light will flash on and off for 75 seconds, and remain on solid when a system fault is detected. The system fault will also sound a chime. The instrument cluster display will display a "SERVICE TPM SYSTEM" message for a minimum of five seconds. This message is then followed by a graphic display, with "--" in place of the pressure value(s), indicating which Tire Pressure Monitoring System sensor(s) is not being received.

If the ignition switch is cycled, this sequence will repeat, providing the system fault still exists. If the system fault no longer exists, the Tire Pressure Monitoring System Warning Light will no longer flash, the "SERVICE TPM SYSTEM" message will not be present, and a pressure value will be displayed instead of dashes.

A system fault can occur by any of the following:

- Jamming due to electronic devices or driving next to facilities emitting the same radio frequencies as the TPMS sensors.
- Lots of snow or ice around the wheels or wheel housings.
- Using tire chains on the vehicle.
- Using wheels/tires not equipped with TPMS sensors.

NOTE:

There is no Tire Pressure Monitoring System sensor in the spare tire. The TPMS will not be able to monitor the tire pressure. If you install the spare tire in place of a road tire that has a pressure below the low-pressure warning limit, upon the next ignition switch cycle, the Tire Pressure Monitoring System Warning Light will remain on, a chime will sound, and the instrument cluster display will still display a pressure value in the different color graphic display and an “Inflate to XX” message will be displayed. After driving the vehicle for up to 20 minutes above 15 mph (24 km/h), the Tire Pressure Monitoring System Warning Light will flash on and off for 75 seconds and then remain on solid. In addition, the instrument cluster display will display a “SERVICE TPM SYSTEM" message for five seconds and then display dashes (–) in place of the pressure value. For each subsequent ignition switch cycle, a chime will sound, the Tire Pressure Monitoring System Warning Light will flash on and off for 75 seconds and then remain on solid, and the instrument cluster display will display a "SERVICE TPM SYSTEM" message for five seconds and then display dashes (–) in place of the pressure value. Once you repair or replace the original road tire, and reinstall it on the vehicle in place of the spare tire, the TPMS will update automatically.

In addition, the Tire Pressure Monitoring System Warning Light will turn off and the graphic in the instrument cluster display will display a new pressure value instead of dashes (–), as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

TPMS Deactivation — If Equipped

The Tire Pressure Monitoring System (TPMS) can be deactivated if replacing all four wheel and tire assemblies (road tires) with wheel and tire assemblies that do not have TPMS sensors, such as when installing winter wheel and tire assemblies on your vehicle.

To deactivate the TPMS, first, replace all four wheel and tire assemblies (road tires) with tires not equipped with Tire Pressure Monitoring System sensors. Then, drive the vehicle for 20 minutes above 15 mph (24 km/h). The TPMS will chime, the TPMS Warning Light will flash on and off for 75 seconds and then remain on. The instrument cluster will display the “SERVICE TPM SYSTEM” message and then display dashes (–) in place of the pressure values.

Beginning with the next ignition cycle, the TPMS will no longer chime or display the “SERVICE TPM SYSTEM” message in the instrument cluster but dashes (–) will remain in place of the pressure values.

To reactivate the TPMS, replace all four wheel and tire assemblies (road tires) with tires equipped with TPMS sensors. Then, drive the vehicle for up to 20 minutes above 15 mph (24 km/h). The TPMS will chime, the TPMS Warning Light will flash on and off for 75 seconds and then turn off. The instrument cluster will display the “SERVICE TPM SYSTEM” message and then display pressure values in place of the dashes. On the next ignition cycle the "SERVICE TPM SYSTEM" message will no longer be displayed as long as no system fault exists.

Tire Fill Alert

This feature notifies the user when the placard tire pressure is attained while inflating or deflating the tire.

The customer may choose to disable or enable the Tire Fill Alert feature in the apps menu of the Uconnect system.

NOTE:

- The Tire Fill Alert system will only support inflating or deflating one tire at a time. The user is required to wait until the hazard lights STOP flashing or 26-30 seconds after the desired pressure is achieved in one wheel before switching to another.
- The Tire Fill Alert feature cannot be entered if an existing TPMS fault is set to “active” or if the system is in deactivation mode (if equipped).

The system will be activated when the system detects an increase in tire pressure while filling the tire. The ignition must be in the ON/RUN mode with the transmission in PARK.

NOTE:

It is not required to have the engine running to enter Tire Fill Alert mode.

The hazard lights will come on to confirm the vehicle is in Tire Fill Alert mode. If the hazard lights do not come on while inflating the tire, the Tire Pressure Monitoring System sensor may be in an inoperative position, preventing the TPMS sensor signal from being received. In this case, the vehicle may need to be moved slightly forward or backward.

When Tire Fill Alert mode is entered, the tire pressure display screen will be displayed in the instrument cluster.

Operation:

- The horn will chirp once to let the user know when to stop filling the tire, when it reaches recommended pressure.
- The horn will chirp three times if the tire is overfilled and will continue to chirp every five seconds if the user continues to inflate the tire.
- The horn will chirp once again when enough air is let out to reach proper inflation level.
- The horn will also chirp three times if the tire is then underinflated and will continue to chirp every five seconds if the user continues to deflate the tire.

Selectable Tire Fill Alert (STFA) — If Equipped

The Selectable Tire Fill Alert (STFA) system is an optional feature that is included as part of the normal Tire Fill Alert system. The system is designed to allow you to select a pressure to inflate or deflate the vehicle's front and rear axle tires to, and to provide feedback while inflating or deflating the vehicle's tires.

In the Selectable Tire Fill Alert application, which is located in the apps menu of the Uconnect system, you will be able to select a pressure setting for both the front and rear axle tire pressures by scrolling through a pressure range from greater than or equal to 15 psi to XX psi in 1 psi increments for each axle setting.

XX = the vehicle's cold placard pressure values for the front and rear axles as shown on the vehicle placard pressure label.

You may also store pressure values chosen for each axle in the Uconnect system application as preset pressure values. Up to two sets of preset pressure values can be stored in the Uconnect system for the front and rear axle. Once you select the tire pressures for the front and rear axles that you want to inflate or deflate to, you can begin inflating or deflating one tire at a time.

NOTE:

The STFA system will only support inflating or deflating one tire at a time. The user is required to wait until the hazard lights STOP flashing or 26-30 seconds after the desired pressure is achieved in one wheel, before switching to another.

The system will be activated when the TPMS receiver module detects a change in tire pressure. The ignition must be in the ON/RUN mode, with the transmission in PARK. The hazard lights will come on to confirm the vehicle is in Tire Fill Alert mode.

When Tire Fill Alert mode is entered, the tire pressure screen will be displayed in the instrument cluster. If the hazard lights do not come on while inflating or deflating the tire, the Tire Pressure Monitoring System sensor may be in an inoperative position, preventing the TPMS sensor signal from being received. In this case, the vehicle may need to be moved slightly forward or backward.

Horn chirps will indicate STFA status as tires are inflated/deflated. The horn will chirp under the following STFA states:

1. The horn will chirp once when the selected pressure is reached to let you know when to stop inflating or deflating the tire.
2. The horn will chirp three times if the tire is overinflated or over-deflated.
3. The horn will chirp once again when enough air is added or removed to reach proper selected pressure level.

OCCUPANT RESTRAINT SYSTEMS

Some of the most important safety features in your vehicle are the restraint systems:

OCCUPANT RESTRAINT SYSTEMS FEATURES

- Seat Belt Systems
- Supplemental Restraint Systems (SRS) Air Bags
- Child Restraints

Some of the safety features described in this section may be standard equipment on some models, or may be optional equipment on others. If you are not sure, ask an authorized dealer.

IMPORTANT SAFETY PRECAUTIONS

Please pay close attention to the information in this section. It tells you how to use your restraint system properly, to keep you and your passengers as safe as possible.

Here are some simple steps you can take to minimize the risk of harm from a deploying air bag:

1. Children 12 years old and under should always ride buckled up in the rear seat of a vehicle with a rear seat.

Warning Label On Front Passenger Sun Visor

2. A child who is not big enough to wear the vehicle seat belt properly must be secured in the appropriate child restraint or belt-positioning booster seat in a rear seating position ⇨ page 241.
3. If a child from 2 to 12 years old (not in a rear-facing child restraint) must ride in the front passenger seat, move the seat as far back as possible and use the proper child restraint ⇨ page 241.
4. Never allow children to slide the shoulder belt behind them or under their arm.
5. You should read the instructions provided with your child restraint to make sure that you are using it properly.
6. All occupants should always wear their lap and shoulder belts properly.
7. The driver and front passenger seats should be moved back as far as practical to allow the front air bags room to inflate.
8. Do not lean against the door or window. If your vehicle has side air bags, and deployment occurs, the side air bags will inflate forcefully into the space between occupants and the door and occupants could be injured.
9. If the air bag system in this vehicle needs to be modified to accommodate a disabled person, see ⇨ page 318 for customer service contact information.

WARNING!

- NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.
- Never install a rear-facing child restraint in the front seat of a vehicle. Only use a rear-facing child restraint in the rear seat. If the vehicle does not have a rear seat, do not transport a rear-facing child restraint in that vehicle.
- A deploying passenger front air bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.

SEAT BELT SYSTEMS

Buckle up even though you are an excellent driver, even on short trips. Someone on the road may be a poor driver and could cause a collision that includes you. This can happen far away from home or on your own street.

Research has shown that seat belts save lives, and they can reduce the seriousness of injuries in a collision. Some of the worst injuries happen when people are thrown from the vehicle. Seat belts reduce the possibility of ejection and the risk of injury caused by striking the inside of the vehicle. Everyone in a motor vehicle should be belted at all times.

Enhanced Seat Belt Use Reminder System (BeltAlert)

Driver And Passenger BeltAlert — If Equipped

BeltAlert is a feature intended to remind the driver and outboard front seat passenger (if equipped with outboard front passenger seat BeltAlert) to buckle their seat belts. The BeltAlert feature is active whenever the ignition switch is in the START or ON/RUN position.

Initial Indication

If the driver is unbuckled when the ignition switch is first in the START or ON/RUN position, a chime will signal for a few seconds. If the driver or outboard front seat passenger (if equipped with outboard front passenger seat BeltAlert) is unbuckled when the ignition switch is first in the START or ON/RUN position the Seat Belt Reminder Light will turn on and remain on until both outboard front seat belts are buckled. The outboard front passenger seat BeltAlert is not active when an outboard front passenger seat is unoccupied.

BeltAlert Warning Sequence

The BeltAlert warning sequence is activated when the vehicle is moving above a specified vehicle speed range and the driver or outboard front seat passenger is unbuckled (if equipped with outboard front passenger seat BeltAlert) (the outboard front passenger seat BeltAlert is not active when the outboard front passenger seat is unoccupied). The BeltAlert warning sequence starts by blinking the Seat Belt Reminder Light and sounding an intermittent chime. Once the BeltAlert warning sequence has completed, the Seat

Belt Reminder Light will remain on until the seat belts are buckled. The BeltAlert warning sequence may repeat based on vehicle speed until the driver and occupied outboard front seat passenger seat belts are buckled. The driver should instruct all occupants to buckle their seat belts.

Change Of Status

If the driver or outboard front seat passenger (if equipped with outboard front passenger seat BeltAlert) unbuckles their seat belt while the vehicle is traveling, the BeltAlert warning sequence will begin until the seat belts are buckled again.

The outboard front passenger seat BeltAlert is not active when the outboard front passenger seat is unoccupied. BeltAlert may be triggered when an animal or other items are placed on the outboard front passenger seat or when the seat is folded flat (if equipped). It is recommended that pets be restrained in the rear seat (if equipped) in pet harnesses or pet carriers that are secured by seat belts, and cargo is properly stowed.

BeltAlert can be activated or deactivated by an authorized dealer. FCA does not recommend deactivating BeltAlert.

NOTE:

If BeltAlert has been deactivated and the driver or outboard front seat passenger (if equipped with outboard front passenger seat BeltAlert) is unbuckled the Seat Belt Reminder Light will turn on and remain on until the driver and outboard front seat passenger seat belts are buckled.

Lap/Shoulder Belts

All seating positions in your vehicle are equipped with lap/shoulder belts.

The seat belt webbing retractor will lock only during very sudden stops or collisions. This feature allows the shoulder part of the seat belt to move freely with you under normal conditions. However, in a collision the seat belt will lock and reduce your risk of striking the inside of the vehicle or being thrown out of the vehicle.

WARNING!

- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, the air bags won't deploy at all. Always wear your seat belt even though you have air bags.
- In a collision, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle. Always be sure you and others in your vehicle are buckled up properly.
- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly. Occupants, including the driver, should always wear their seat belts whether or not an air bag is also provided at their seating

(Continued)

WARNING!

position to minimize the risk of severe injury or death in the event of a crash.

- Wearing your seat belt incorrectly could make your injuries in a collision much worse. You might suffer internal injuries, or you could even slide out of the seat belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.
- Two people should never be belted into a single seat belt. People belted together can crash into one another in a collision, hurting one another badly. Never use a lap/shoulder belt or a lap belt for more than one person, no matter what their size.

WARNING!

- A lap belt worn too high can increase the risk of injury in a collision. The seat belt forces won't be at the strong hip and pelvic bones, but across your abdomen. Always wear the lap part of your seat belt as low as possible and keep it snug.
- A twisted seat belt may not protect you properly. In a collision, it could even cut into you. Be sure the seat belt is flat against your body, without twists. If you can't straighten a seat belt in your vehicle, take it to an authorized dealer immediately and have it fixed.
- A seat belt that is buckled into the wrong buckle will not protect you properly. The lap portion could ride too high on your body, possibly causing internal injuries. Always buckle your seat belt into the buckle nearest you.

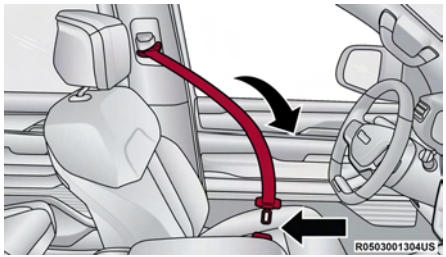
(Continued)

WARNING!

- A seat belt that is too loose will not protect you properly. In a sudden stop, you could move too far forward, increasing the possibility of injury. Wear your seat belt snugly.
- A seat belt that is worn under your arm is dangerous. Your body could strike the inside surfaces of the vehicle in a collision, increasing head and neck injury. A seat belt worn under the arm can cause internal injuries. Ribs aren't as strong as shoulder bones. Wear the seat belt over your shoulder so that your strongest bones will take the force in a collision.
- A shoulder belt placed behind you will not protect you from injury during a collision. You are more likely to hit your head in a collision if you do not wear your shoulder belt. The lap and shoulder belt are meant to be used together.
- A frayed or torn seat belt could rip apart in a collision and leave you with no protection. Inspect the seat belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the seat belt system. If your vehicle is involved in a collision, or if you have questions regarding seat belt or retractor conditions, take your vehicle to an authorized FCA dealer for inspection.

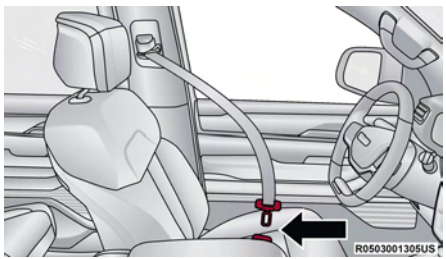
Lap/Shoulder Belt Operating Instructions

1. Enter the vehicle and close the door. Sit back and adjust the seat.
2. The seat belt latch plate is above the back of the front seat, and next to your arm in the rear seat (for vehicles equipped with a rear seat). Grab the latch plate and pull out the seat belt. Slide the latch plate up the webbing as far as necessary to allow the seat belt to go around your lap.



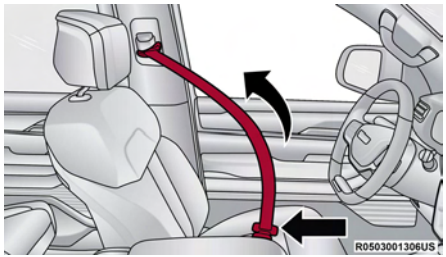
Pulling Out The Latch Plate

3. When the seat belt is long enough to fit, insert the latch plate into the buckle until you hear a "click."



Inserting Latch Plate Into Buckle

4. Position the lap belt so that it is snug and lies low across your hips, below your abdomen. To remove slack in the lap belt portion, pull up on the shoulder belt. To loosen the lap belt if it is too tight, tilt the latch plate and pull on the lap belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision.



Positioning The Lap Belt

5. Position the shoulder belt across the shoulder and chest with minimal, if any slack so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the shoulder belt.
6. To release the seat belt, push the red button on the buckle. The seat belt will automatically retract to its stowed position. If necessary, slide the latch plate down the webbing to allow the seat belt to retract fully.

Lap/Shoulder Belt Untwisting Procedure

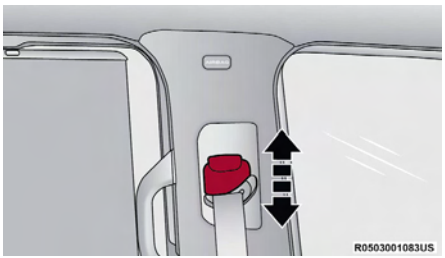
Use the following procedure to untwist a twisted lap/shoulder belt.

1. Position the latch plate as close as possible to the anchor point.

2. At about 6 to 12 inches (15 to 30 cm) above the latch plate, grab and twist the seat belt webbing 180 degrees to create a fold that begins immediately above the latch plate.
3. Slide the latch plate upward over the folded webbing. The folded webbing must enter the slot at the top of the latch plate.
4. Continue to slide the latch plate up until it clears the folded webbing and the seat belt is no longer twisted.

Adjustable Upper Shoulder Belt Anchorage

In the driver and outboard front passenger seats, the top of the shoulder belt can be adjusted upward or downward to position the seat belt away from your neck. Push or squeeze the anchorage button to release the anchorage, and move it up or down to the position that serves you best.



Adjustable Upper Anchorage

As a guide, if you are shorter than average, you will prefer the shoulder belt anchorage in a lower position, and if you are taller than average, you will prefer the shoulder belt anchorage in a higher position. After you release the anchorage button, try to move it up or down to make sure that it is locked in position.

NOTE:

The adjustable upper shoulder belt anchorage is equipped with an Easy Up feature. This feature allows the shoulder belt anchorage to be adjusted in the upward position without pushing or squeezing the release button. To verify the shoulder belt anchorage is latched, pull downward on the shoulder belt anchorage until it is locked into position.

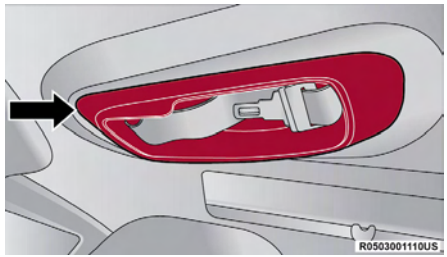
WARNING!

- Wearing your seat belt incorrectly could make your injuries in a collision much worse. You might suffer internal injuries, or you could even slide out of the seat belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.
- Position the shoulder belt across the shoulder and chest with minimal, if any slack so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the shoulder belt.
- Misadjustment of the seat belt could reduce the effectiveness of the safety belt in a crash.
- Always make all seat belt height adjustments when the vehicle is stationary.

Third Row Center Seat Belt Operating Instructions

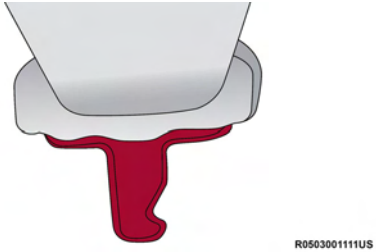
The third row center seat belts feature a seat belt with a mini-latch plate and buckle, which allows the seat belt to detach from the lower anchor when the seat is folded. The mini-latch plate and regular latch plate can then be stored out of the way in the headliner for added convenience to open up utilization of the storage areas behind the front seats when the seat is not occupied.

1. Remove the mini-latch plate and regular latch plate from its stowed position in the headliner slightly behind third row seat.



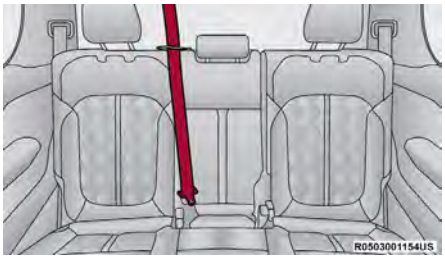
Mini-Latch Stowage

2. Grab the mini-latch plate and pull the seat belt over the seat.



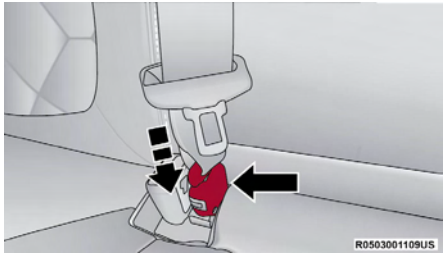
Mini-Latch Plate

3. Route the shoulder belt to the inside of the right head restraint.



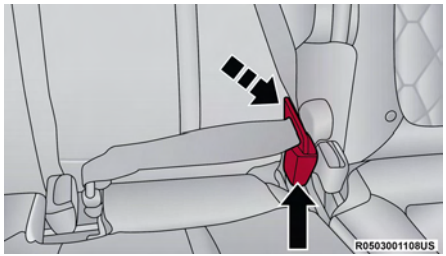
Routing The Third Row Seat Belt Latch Plate

4. When the seat belt is long enough to fit, insert the mini-latch plate into the mini-buckle until you hear a “click.”



Connect Mini-Latch To Mini-Buckle

5. Sit back in seat. Slide the regular latch plate up the webbing as far as necessary to allow the seat belt to go around your lap.
6. When the seat belt is long enough to fit, insert the latch plate into the buckle until you hear a “click.”



Third Row Center Seat Belt Buckled

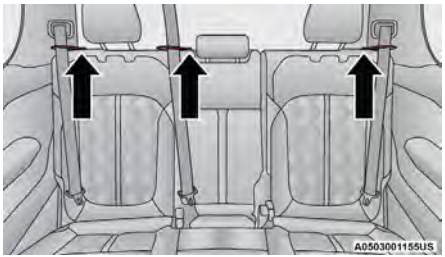
7. Position the lap belt so that it is snug and lies low across your hips, below your abdomen. To remove slack in the lap belt portion, pull up on the shoulder belt. To loosen the lap belt if it is too tight, pull on the lap belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision.
8. Position the shoulder belt on your chest so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the seat belt.
9. To release the seat belt, push the red button on the buckle.
10. To disengage the mini-latch plate from the mini-buckle for storage, insert the regular latch plate into the center slot on the mini-buckle. The seat belt will automatically retract to its stowed position. If necessary, slide the latch plate down the webbing to allow the seat belt to retract fully. Insert the mini-latch plate and regular latch plate into its stowed position.

WARNING!

- If the mini-latch plate and mini-buckle are not properly connected when the seat belt is used by an occupant, the seat belt will not be able to provide proper restraint and will increase the risk of injury in a collision.
- When reattaching the mini-latch plate and mini-buckle, ensure the seat belt webbing is not twisted. If the webbing is twisted, follow the preceding procedure to detach the mini-latch plate and mini-buckle, untwist the webbing, and reattach the mini-latch plate and mini-buckle.

Third Row Belt Guides

NOTE:
There are three belt guides located on the top of the seat backs, one for each seating position in the third row. They can be used to keep the shoulder belt in a fixed position for additional comfort, if needed.



Third Row Belt Guides

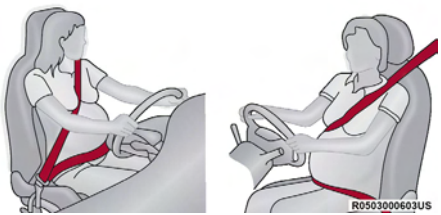
Seat Belt Extender — If Equipped

If a seat belt is not long enough to fit properly, even when the webbing is fully extended and the adjustable upper shoulder belt anchorage (if equipped) is in its lowest position, an authorized dealer can provide you with a Seat Belt Extender. The Seat Belt Extender should be used only if the existing seat belt is not long enough. When the Seat Belt Extender is not required for a different occupant, it must be removed.

WARNING!

- ONLY use a Seat Belt Extender if it is physically required in order to properly fit the original seat belt system. DO NOT USE the Seat Belt Extender if, when worn, the distance between the front edge of the Seat Belt Extender buckle and the center of the occupant's body is LESS than 6 inches.
- Using a Seat Belt Extender when not needed can increase the risk of serious injury or death in a collision. Only use the Seat Belt Extender when the lap belt is not long enough and only use in the recommended seating positions. Remove and store the Seat Belt Extender when not needed.

Seat Belts And Pregnant Women



Seat Belts And Pregnant Women

Seat belts must be worn by all occupants including pregnant women: the risk of injury in the event of an accident is reduced for the mother and the unborn child if they are wearing a seat belt.

Position the lap belt snug and low below the abdomen and across the strong bones of the hips. Place the shoulder belt across the chest and away from the neck. Never place the shoulder belt behind the back or under the arm.

Seat Belt Pretensioner

The front outboard seat belt system is equipped with pretensioning devices that are designed to remove slack from the seat belt in the event of a collision. These devices may improve the performance of the seat belt by removing slack from the seat belt early in a collision. Pretensioners work for all size occupants, including those in child restraints.

NOTE:
These devices are not a substitute for proper seat belt placement by the occupant. The seat belt still must be worn snugly and positioned properly.

The pretensioners are triggered by the Occupant Restraint Controller (ORC). Like the air bags, the pretensioners are single use items. A deployed pretensioner or a deployed air bag must be replaced immediately.

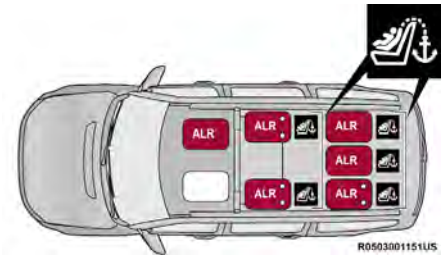
Energy Management Feature

The front outboard seat belt system is equipped with an Energy Management feature that may help further reduce the risk of injury in the event of a collision. The seat belt system has a retractor assembly that is designed to release webbing in a controlled manner.

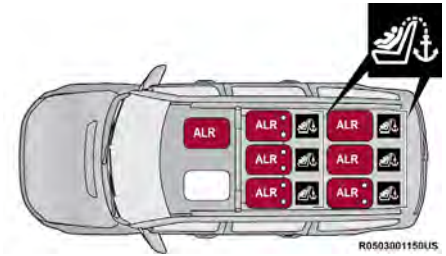
Switchable Automatic Locking Retractor (ALR)

The seat belts in the passenger seating positions are equipped with a Switchable Automatic Locking Retractor (ALR) which is used to secure a child restraint system ⇨ page 248.

The figure provided illustrates the locking feature for each seating position.



Seven Passenger (Second Row Captain's Chairs) Automatic Locking Retractor (ALR) Locations



Eight Passenger (Second Row Bench) Automatic Locking Retractor (ALR) Locations

If the passenger seating position is equipped with an ALR and is being used for normal usage, only pull the seat belt webbing out far enough to comfortably wrap around the occupant's mid-section so as to not activate the ALR. If the ALR is activated, you will hear a clicking sound as the seat belt retracts. Allow the webbing to retract completely in this case and then carefully pull out only the amount of webbing necessary to comfortably wrap around the occupant's mid-section. Slide the latch plate into the buckle until you hear a "click".

In Automatic Locking Mode, the shoulder belt is automatically pre-locked. The seat belt will still retract to remove any slack in the shoulder belt. Use the Automatic Locking Mode anytime a child restraint is installed in a seating position that has a seat belt with this feature. Children 12 years old and under should always be properly restrained in the rear seat of a vehicle with a rear seat.

WARNING!

- NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.
- Never install a rear-facing child restraint in the front seat of a vehicle. Only use a rear-facing child restraint in the rear seat. If the vehicle does not have a rear seat, do not transport a rear-facing child restraint in that vehicle.
- A deploying passenger front air bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.

How To Engage The Automatic Locking Mode

1. Buckle the combination lap and shoulder belt.
2. Grab the shoulder portion and pull downward until the entire seat belt is extracted.
3. Allow the seat belt to retract. As the seat belt retracts, you will hear a clicking sound. This indicates the seat belt is now in the Automatic Locking Mode.

How To Disengage The Automatic Locking Mode

Unbuckle the combination lap/shoulder belt and allow it to retract completely to disengage the Automatic Locking Mode and activate the vehicle sensitive (emergency) locking mode.

WARNING!

- The seat belt assembly must be replaced if the switchable Automatic Locking Retractor (ALR) feature or any other seat belt function is not working properly when checked according to the procedures in the Service Manual.
- Failure to replace the seat belt assembly could increase the risk of injury in collisions.
- Do not use the Automatic Locking Mode to restrain occupants who are wearing the seat belt or children who are using booster seats. The locked mode is only used to install rear-facing or forward-facing child restraints that have a harness for restraining the child.

SUPPLEMENTAL RESTRAINT SYSTEMS (SRS)

Some of the safety features described in this section may be standard equipment on some models, or may be optional equipment on others. If you are not sure, ask an authorized dealer.

The air bag system must be ready to protect you in a collision. The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with the electrical Air Bag System Components. Your vehicle may be equipped with the following Air Bag System Components:

Air Bag System Components

- Occupant Restraint Controller (ORC)
- Air Bag Warning Light
- Steering Wheel and Column
- Instrument Panel
- Knee Impact Bolsters
- Driver and Front Passenger Air Bags
- Seat Belt Buckle Switch
- Supplemental Side Air Bags
- Supplemental Knee Air Bags
- Front and Side Impact Sensors
- Seat Belt Pretensioners
- Seat Track Position Sensors
- Occupant Classification System

Air Bag Warning Light

The Occupant Restraint Controller (ORC) monitors the readiness of the electronic parts of the air bag system whenever the ignition switch is in the START or ON/RUN position. If the ignition switch is in the OFF position, the air bag system is not on and the air bags will not inflate.

The ORC contains a backup power supply system that may deploy the air bag system even if the battery loses power or it becomes disconnected prior to deployment.

The ORC turns on the Air Bag Warning Light in the instrument panel for approximately four to eight seconds for a self-check when the ignition switch is first in the ON/RUN position. After the self-check, the Air Bag Warning Light will turn off. If the ORC detects a malfunction in any part of the system, it turns on the Air Bag Warning Light, either momentarily or continuously. A single chime will sound to alert you if the light comes on again after initial startup.

The ORC also includes diagnostics that will illuminate the instrument panel Air Bag Warning Light if a malfunction is detected that could affect the air bag system. The diagnostics also record the nature of the malfunction. While the air bag system is designed to be maintenance free, if any of the following occurs, have an authorized dealer service the air bag system immediately.

- The Air Bag Warning Light does not come on during the four to eight seconds when the ignition switch is first in the ON/RUN position.
- The Air Bag Warning Light remains on after the four to eight-second interval.
- The Air Bag Warning Light comes on intermittently or remains on while driving.

NOTE:

If the speedometer, tachometer, or any engine related gauges are not working, the Occupant Restraint Controller (ORC) may also be disabled. In this condition the air bags may not be ready to inflate for your protection. Have an authorized dealer service the air bag system immediately.

WARNING!

Ignoring the Air Bag Warning Light in your instrument panel could mean you won't have the air bag system to protect you in a collision. If the light does not come on as a bulb check when the ignition is first turned on, stays on after you start the vehicle, or if it comes on as you drive, have an authorized dealer service the air bag system immediately.

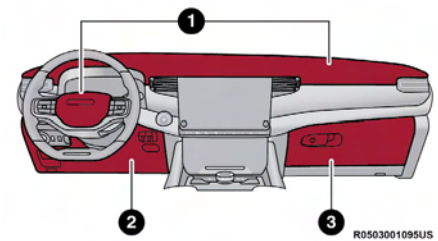
Redundant Air Bag Warning Light

If a fault with the Air Bag Warning Light is detected, which could affect the Supplemental Restraint System (SRS), the Redundant Air Bag Warning Light will illuminate on the instrument

panel. The Redundant Air Bag Warning Light will stay on until the fault is cleared. In addition, a single chime will sound to alert you that the Redundant Air Bag Warning Light has come on and a fault has been detected. If the Redundant Air Bag Warning Light comes on intermittently or remains on while driving have an authorized dealer service the vehicle immediately ⇨ page 96.

Front Air Bags

This vehicle has front air bags and lap/shoulder belts for both the driver and front passenger. The front air bags are a supplement to the seat belt restraint systems. The driver front air bag is mounted in the center of the steering wheel. The passenger front air bag is mounted in the instrument panel, above the glove compartment. The words “SRS AIRBAG” or “AIRBAG” are embossed on the air bag covers.



Front Air Bag/Knee Bolster Locations

1 — Driver And Passenger Front Air Bags
2 — Driver Knee Impact Bolster/Supplemental Driver Knee Air Bag
3 — Passenger Knee Impact Bolster/Supplemental Passenger Knee Air Bag

WARNING!

- Being too close to the steering wheel or instrument panel during front air bag deployment could cause serious injury, including death. Air bags need room to inflate. Sit back, comfortably extending your arms to reach the steering wheel or instrument panel.
- NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.
- Never install a rear-facing child restraint in the front seat of a vehicle. Only use a rear-facing child restraint in the rear seat. If the vehicle does not have a rear seat, do not transport a rear-facing child restraint in that vehicle.
- A deploying passenger front air bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.

Driver And Passenger Front Air Bag Features

The Advanced Front Air Bag system has multistage driver and front passenger air bags. This system provides output appropriate to the severity and type of collision as determined by the Occupant Restraint Controller (ORC), which may receive information from the front impact sensors (if equipped) or other system components.

The first stage inflator is triggered immediately during an impact that requires air bag deployment. A low energy output is used in less severe collisions. A higher energy output is used for more severe collisions.

This vehicle may be equipped with a driver and/or front passenger seat belt buckle switch that detects whether the driver or front passenger seat belt is buckled. The seat belt buckle switch may adjust the inflation rate of the Advanced Front Air Bags.

This vehicle may be equipped with driver and/or front passenger seat track position sensors that may adjust the inflation rate of the Advanced Front Air Bags based upon seat position.

This vehicle is equipped with a right front passenger Occupant Classification System (“OCS”) that is designed to provide Passenger Advanced Front Air Bag output appropriate to the occupant’s seated weight input, as determined by the OCS.

WARNING!

- No objects should be placed over or near the air bag on the instrument panel or steering wheel because any such objects could cause harm if the vehicle is in a collision severe enough to cause the air bag to inflate.
- Do not put anything on or around the air bag covers or attempt to open them manually. You may damage the air bags and you could be injured because the air bags may no longer be functional. The protective covers for the air bag cushions are designed to open only when the air bags are inflating.
- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, air bags won’t deploy at all. Always wear your seat belts even though you have air bags.

Front Air Bag Operation

Front Air Bags are designed to provide additional protection by supplementing the seat belts. Front air bags are not expected to reduce the risk of injury in rear, side, or rollover collisions. The front air bags will not deploy in all frontal collisions, including some that may produce substantial vehicle damage — for example, some pole collisions, truck underrides, and angle offset collisions.

On the other hand, depending on the type and location of impact, front air bags may deploy in crashes with little vehicle front-end damage but that produce a severe initial deceleration.

Because air bag sensors measure vehicle deceleration over time, vehicle speed and damage by themselves are not good indicators of whether or not an air bag should have deployed.

Seat belts are necessary for your protection in all collisions, and also are needed to help keep you in position, away from an inflating air bag.

When the Occupant Restraint Controller (ORC) detects a collision requiring the front air bags, it signals the inflator units. A large quantity of non-toxic gas is generated to inflate the front air bags.

The steering wheel hub trim cover and the upper passenger side of the instrument panel separate and fold out of the way as the air bags inflate to their full size. The front air bags fully inflate in less time than it takes to blink your eyes. The front air bags then quickly deflate while helping to restrain the driver and front passenger.

Occupant Classification System (OCS) — Front Passenger Seat

The Occupant Classification System (OCS) is part of a Federally regulated safety system for this vehicle. It is designed to provide Passenger Advanced Front Air Bag output appropriate to the occupant's seated weight, as determined by the OCS.

The Occupant Classification System (OCS) consists of the following:

- Occupant Restraint Controller (ORC)
- Occupant Classification Module (OCM) and Sensor located in the front passenger seat
- Air Bag Warning Light

Occupant Classification Module (OCM) And Sensor

The Occupant Classification Module (OCM) is located underneath the front passenger seat. The Sensor is located beneath the passenger seat cushion foam. Any weight on the seat will be sensed by the Sensor. The OCM uses input from the Sensor to determine the front passenger's most probable classification. The OCM communicates this information to the ORC. The ORC may reduce the inflation rate of the Passenger Advanced Front Air Bag deployment based on occupant classification. In order for the OCS to operate as designed, it is important for the front passenger to be seated properly and properly wearing the seat belt.

The OCS will NOT prevent deployment of the Passenger Advanced Front Air Bag. The OCS may reduce the inflation rate of the Passenger Advanced Front Air Bag if the OCS estimates that:

- The front passenger seat is unoccupied or has very light objects on it; or
- The front passenger seat is occupied by a small passenger, including a child; or
- The front passenger seat is occupied by a rear-facing child restraint; or
- The front passenger is not properly seated or his or her weight is taken off of the seat for a period of time.

Front Passenger Seat Occupant Status	Front Passenger Air Bag Output
Rear-facing child restraint	Reduced-power deployment
Child, including a child in a forward-facing child restraint or booster seat*	Reduced-power deployment OR Full-power deployment
Properly seated adult	Full-power deployment OR reduced-power deployment
Unoccupied seat	Reduced-power deployment

* It is possible for a child to be classified as an adult, allowing a full-power Passenger Advanced Front Air Bag deployment. Never allow children to ride in the front passenger seat and never install a child restraint system, including a rear-facing child restraint, in the front passenger seat.

WARNING!

- NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.
- Never install a rear-facing child restraint in the front seat of a vehicle. Only use a rear-facing child restraint in the rear seat. If the vehicle does not have a rear seat, do not transport a rear-facing child restraint in that vehicle.
- A deploying passenger front air bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.
- Children 12 years or younger should always ride buckled up in the rear seat of a vehicle with a rear seat.

The OCS determines the front passenger's most probable classification. The OCS estimates the seated weight on the front passenger seat and where that weight is located. The OCS communicates the classification status to the ORC. The ORC uses the classification to determine whether the Passenger Advanced Front Air Bag inflation rate should be adjusted.

In order for the OCS to operate as designed, it is important for the front passenger to be seated properly and properly wearing the seat belt.

Properly seated passengers are:

- Sitting upright
- Facing forward
- Sitting in the center of the seat with their feet comfortably on or near the floor
- Sitting with their back against the seatback and the seatback in an upright position

Seated Properly

Lighter Weight Passengers (Including Small Adults)

When a lighter weight passenger, including a small adult, occupies the front passenger seat, the OCS may reduce the inflation rate of the Passenger Advanced Front Air Bag. This does not mean that the OCS is working improperly.

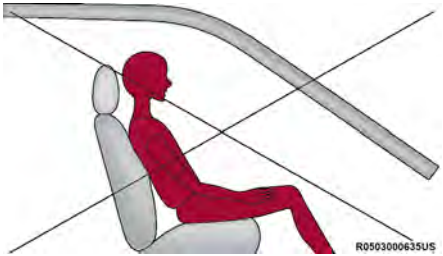
Do not decrease OR increase the front passenger's seated weight on the front passenger seat

The front passenger's seated weight must be properly positioned on the front passenger seat. Failure to do so may result in serious injury or death. The OCS determines the most probable classification of the occupant that it detects. The OCS will detect the front passenger's decreased or increased seated weight, which may result in an adjusted inflation rate of the Passenger Advanced Front Air Bag in a collision. This does not mean that the OCS is working improperly. Decreasing the front passenger's seated weight on the front passenger seat may result in a reduced-power deployment of the Passenger Advanced Front Air Bag. Increasing the front passenger's seated weight on the front passenger seat may result in a full-power deployment of the Passenger Advanced Front Air Bag.

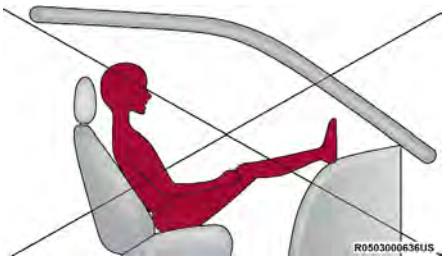
Examples of improper front passenger seating include:

- The front passenger's weight is transferred to another part of the vehicle (like the door, arm rest or instrument panel).
- The front passenger leans forward, sideways, or turns to face the rear of the vehicle.
- The front passenger's seatback is not in the full upright position.
- The front passenger carries or holds an object while seated (e.g., backpack, box, etc.).
- Objects are lodged under the front passenger seat.
- Objects are lodged between the front passenger seat and center console.
- Accessories that may change the seated weight on the front passenger seat are attached to the front passenger seat.
- Anything that may decrease or increase the front passenger's seated weight.

The OCS determines the front passenger's most probable classification. If an occupant in the front passenger seat is seated improperly, the occupant may provide an output signal to the OCS that is different from the occupant's properly seated weight input, for example:



Not Seated Properly



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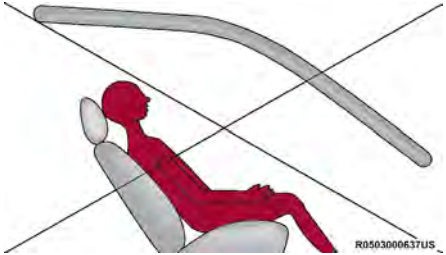
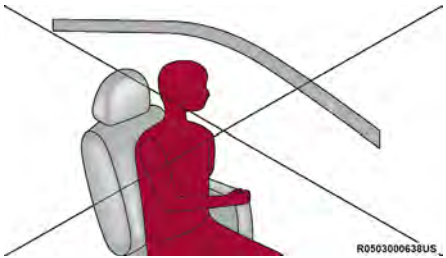


Not Seated Properly



Not Seated Properly

WARNING!

- If a child restraint system, child, small teenager or adult in the front passenger seat is seated improperly, the occupant may provide an output signal to the OCS that is different from the occupant's properly seated weight input. This may result in serious injury or death in a collision.

(Continued)

WARNING!

- Always wear your seat belt and sit properly, with the seatback in an upright position, your back against the seatback, sitting upright, facing forward, in the center of the seat, with your feet comfortably on or near the floor.
- Do not carry or hold any objects (e.g., backpacks, boxes, etc.) while seated in the front passenger seat. Holding an object may provide an output signal to the OCS that is different than the occupant's properly seated weight input, which may result in serious injury or death in a collision.
- Placing an object on the floor under the front passenger seat may prevent the OCS from working properly, which may result in serious injury or death in a collision. Do not place any objects on the floor under the front passenger seat.

The Air Bag Warning Light in the instrument panel will turn on whenever the OCS is unable to classify the front passenger seat status. A malfunction in the OCS may affect the operation of the air bag system.

If the Air Bag Warning Light does not come on, or stays on after you start the vehicle, or it comes on as you drive, take the vehicle to an authorized dealer for service immediately.

The passenger seat assembly contains critical OCS components that may affect the Passenger Advanced Front Air Bag inflation. In order for the OCS to properly classify the seated weight of a front seat passenger, the OCS components must function as designed. Do not make any modifications to the front passenger seat components, assembly, or to the seat cover. If the seat,

trim cover, or cushion needs service for any reason, take the vehicle to an authorized dealer. Only FCA approved seat accessories may be used.

The following requirements must be strictly followed:

- Do not modify the front passenger seat assembly or components in any way.
- Do not use prior or future model year seat covers or cushions not designated by FCA for the specific model being repaired. Always use the correct seat cover and cushion specified for the vehicle.
- Do not replace the seat cover or cushion with an aftermarket seat cover or cushion.
- Do not add a secondary seat cover or mat.
- At no time should any Supplemental Restraint System (SRS) component or SRS related component or fastener be modified or replaced with any part except those which are approved by FCA.

WARNING!

- Unapproved modifications or service procedures to the passenger seat assembly, its related components, seat cover or cushion may inadvertently change the air bag deployment in case of a frontal collision. This could result in death or serious injury to the front passenger if the vehicle is involved in a collision. A modified vehicle may not comply with required Federal Motor Vehicle Safety Standards (FMVSS) and/or Canadian Motor Vehicle Safety Standards (CMVSS).
- If it is necessary to modify the air bag system for persons with disabilities, contact an authorized dealer.

Knee Impact Bolsters

The Knee Impact Bolsters help protect the knees of the driver and front passenger, and position the front occupants for improved interaction with the front air bags.

WARNING!

- Do not drill, cut, or tamper with the knee impact bolsters in any way.
- Do not mount any accessories to the knee impact bolsters such as alarm lights, stereos, citizen band radios, etc.

Supplemental Driver And Front Passenger Knee Air Bags

This vehicle is equipped with a Supplemental Driver Knee Air Bag mounted in the instrument panel below the steering column and a Supplemental Passenger Knee Air Bag mounted in the instrument panel below the glove compartment. The Supplemental Knee Air Bags provide enhanced protection during a frontal impact by working together with the seat belts, pretensioners, and front air bags.

Supplemental Seat-Mounted Side Air Bags (SABs) (If Equipped)

Your vehicle may be equipped with Supplemental Seat-Mounted Side Air Bags (SABs). If so, the Supplemental Seat-Mounted Side Air Bags (SABs), are located in the included information.

Supplemental Seat-Mounted Side Air Bags (SABs) are located in the outboard side of the front seats. The SABs are marked with “SRS AIRBAG” or “AIRBAG” on a label or on the seat trim on the outboard side of the seats.

Front Supplemental Seat-Mounted Side Air Bag Label

The SABs (if equipped with SABs) may help reduce the risk of occupant injury during certain side impacts, in addition to the injury reduction potential provided by the seat belts and body structure.

When the SAB deploys, it opens the seam on the outboard side of the seatback’s trim cover. The inflating SAB deploys through the seat seam into the space between the occupant and the door. The SAB moves at a very high speed and with such a high force that it could injure occupants if they are not seated properly, or if items are positioned in the area where the SAB inflates. Children are at an even greater risk of injury from a deploying air bag.

WARNING!

Do not use accessory seat covers or place objects between you and the Side Air Bags; the performance could be adversely affected and/or objects could be pushed into you, causing serious injury.

Supplemental Side Air Bag Inflatable Curtains (SABICs) (If Equipped)

Your vehicle may be equipped with Supplemental Side Air Bag Inflatable Curtains (SABICs).

If So, the Supplemental Side Air Bag Inflatable Curtains (SABICs) are located above the side windows. The trim covering the SABICs is labeled “SRS AIRBAG” or “AIRBAG.”

Supplemental Side Air Bag Inflatable Curtain (SABIC) Label Location

SABICs (if equipped with SABICs) may help reduce the risk of head and other injuries to front and rear seat outboard occupants in certain side impacts, in addition to the injury reduction potential provided by the seat belts and body structure.

The SABIC deploys downward, covering the side windows. An inflating SABIC pushes the outside edge of the headliner out of the way and covers the window. The SABICs inflate with enough force to injure occupants if they are not belted and seated properly, or if items are positioned in the area where the SABICs inflate. Children are at an even greater risk of injury from a deploying air bag.

The SABICs (if equipped with SABICs) may help reduce the risk of partial or complete ejection of vehicle occupants through side windows in certain side impact events.

WARNING!

- Do not mount equipment, or stack luggage or other cargo up high enough to block the deployment of the SABICs. The trim covering above the side windows where the SABIC and its deployment path are located should remain free from any obstructions.
- In order for the SABICs to work as intended, do not install any accessory items in your vehicle which could alter the roof. Do not add an aftermarket sunroof to your vehicle. Do not add roof racks that require permanent attachments (bolts or screws) for installation on the vehicle roof. Do not drill into the roof of the vehicle for any reason.

Side Impacts

The Side Air Bags are designed to activate in certain side impacts. The Occupant Restraint Controller (ORC) determines whether the deployment of the Side Air Bags in a particular impact event is appropriate, based on the severity and type of collision. The side impact sensors aid the ORC in determining the appropriate response to impact events. The system is calibrated to deploy the Side Air Bags on the impact side of the vehicle during impacts that require Side Air Bag occupant protection. In side impacts, the Side Air Bags deploy independently; a left side impact deploys the left Side Air Bags only and a right-side impact deploys the right Side Air Bags only. Vehicle damage by itself is not a good indicator of whether or not Side Air Bags should have deployed.

The Side Air Bags will not deploy in all side collisions, including some collisions at certain angles, or some side collisions that do not impact the area of the passenger compartment. The Side Air Bags may deploy during angled or offset frontal collisions where the front air bags deploy.

Side Air Bags are a supplement to the seat belt restraint system. Side Air Bags deploy in less time than it takes to blink your eyes.

WARNING!

- Occupants, including children, who are up against or very close to Side Air Bags can be seriously injured or killed. Occupants, including children, should never lean on or sleep against the door, side windows, or area where the side air bags inflate, even if they are in an infant or child restraint.
- Seat belts (and child restraints where appropriate) are necessary for your protection in all collisions. They also help keep you in position, away from an inflating Side Air Bag. To get the best protection from the Side Air Bags, occupants must wear their seat belts properly and sit upright with their backs

(Continued)

WARNING!

against the seats. Children must be properly restrained in a child restraint or booster seat that is appropriate for the size of the child.

WARNING!

- Side Air Bags need room to inflate. Do not lean against the door or window. Sit upright in the center of the seat.
- Being too close to the Side Air Bags during deployment could cause you to be severely injured or killed.
- Relying on the Side Air Bags alone could lead to more severe injuries in a collision. The Side Air Bags work with your seat belt to restrain you properly. In some collisions, Side Air Bags won't deploy at all. Always wear your seat belt even though you have Side Air Bags.

NOTE:

Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.

Rollover Events (If Equipped With Rollover Sensing)

Side Air Bags and seat belt pretensioners are designed to activate in certain rollover events (if equipped with rollover sensing). The Occupant Restraint Controller (ORC) determines whether deployment in a particular rollover event is appropriate, based on the severity and type of collision. Vehicle damage by itself is not a good indicator of whether or not Side Air Bags and seat belt pretensioners should have deployed.

The Side Air Bags and seat belt pretensioners will not deploy in all rollover events. The rollover sensing system determines if a rollover event may be in progress and whether deployment is appropriate. In the event the vehicle experiences a rollover or near rollover event, and deployment is appropriate, the rollover sensing system will deploy the Side Air Bags and seat belt pretensioners on both sides of the vehicle.

The SABICs may help reduce the risk of partial or complete ejection of vehicle occupants through side windows in certain rollover or side impact events.

Air Bag System Components

NOTE:

The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with electrical Air Bag System Components listed:

- Occupant Restraint Controller (ORC)
- Air Bag Warning Light
- Steering Wheel and Column
- Instrument Panel
- Knee Impact Bolsters
- Driver and Front Passenger Air Bags
- Seat Belt Buckle Switch
- Supplemental Side Air Bags
- Supplemental Knee Air Bags
- Front and Side Impact Sensors
- Seat Belt Pretensioners
- Seat Track Position Sensors
- Occupant Classification System

If A Deployment Occurs

The front air bags are designed to deflate immediately after deployment.

NOTE:

Front and/or side air bags will not deploy in all collisions. This does not mean something is wrong with the air bag system.

If you do have a collision which deploys the air bags, any or all of the following may occur:

- The air bag material may sometimes cause abrasions and/or skin reddening to the occupants as the air bags deploy and unfold. The abrasions are similar to friction rope burns or those you might get sliding along a carpet or gymnasium floor. They are not caused by contact with chemicals. They are not permanent and normally heal quickly. However, if you haven't healed significantly within a few days, or if you have any blistering, see your doctor immediately.
- As the air bags deflate, you may see some smoke-like particles. The particles are a normal by-product of the process that generates the non-toxic gas used for air bag inflation. These airborne particles may irritate the skin, eyes, nose, or throat. If you have skin or eye irritation, rinse the area with cool water. For nose or throat irritation, move to fresh air. If the irritation continues, see your doctor. If these particles settle on your clothing, follow the garment manufacturer's instructions for cleaning.

Do not drive your vehicle after the air bags have deployed. If you are involved in another collision, the air bags will not be in place to protect you.

WARNING!

Deployed air bags and seat belt pretensioners cannot protect you in another collision. Have the air bags, seat belt pretensioners, and the seat belt retractor assemblies replaced by an authorized dealer immediately. Also, have the Occupant Restraint Controller System serviced as well.

NOTE:

- Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.
- After any collision, the vehicle should be taken to an authorized dealer immediately.

Enhanced Accident Response System

In the event of an impact, if the communication network remains intact, and the power remains intact, depending on the nature of the event, the Occupant Restraint Controller (ORC) will determine whether to have the Enhanced Accident Response System perform the following functions:

- Cut off fuel to the engine (if equipped)
- Cut off battery power to the electric motor (if equipped)
- Flash hazard lights as long as the battery has power
- Turn on the interior lights, which remain on as long as the battery has power or for 15 minutes from the intervention of the Enhanced Accident Response System
- Unlock the power door locks

Your vehicle may also be designed to perform any of these other functions in response to the Enhanced Accident Response System:

- Turn off the Fuel Filter Heater, Turn off the HVAC Blower Motor, Close the HVAC Circulation Door
- Cut off battery power to the:
  - Engine
  - Electric Motor (if equipped)
  - Electric power steering
  - Brake booster
  - Electric park brake
  - Automatic transmission gear selector
  - Horn
  - Front wiper

NOTE:

After an accident, remember to cycle the ignition to the STOP (OFF/LOCK) position and remove the key from the ignition switch to avoid draining the battery. Carefully check the vehicle for fuel leaks in the engine compartment and on the ground near the engine compartment and fuel tank before resetting the system and starting the engine. If there are no fuel leaks or damage to the vehicle electrical devices (e.g. headlights) after an accident, reset the system by following the procedure described here. If you have any doubt, contact an authorized dealer.

Enhanced Accident Response System Reset Procedure

In order to reset the Enhanced Accident Response System functions after an event, the ignition switch must be changed from ignition START or ON/RUN to ignition OFF. Carefully check the vehicle for fuel leaks in the engine compartment and on the ground near the engine compartment and fuel tank before resetting the system and starting the engine.

After an accident, if the vehicle will not start after performing the reset procedure, the vehicle must be towed to an authorized dealer to be inspected and to have the Enhanced Accident Response System reset.

Maintaining Your Air Bag System

WARNING!

- Modifications to any part of the air bag system could cause it to fail when you need it. You could be injured if the air bag system is not there to protect you. Do not modify the components or wiring, including adding any kind of badges or stickers to the steering wheel hub trim cover or the upper passenger side of the instrument panel. Do not modify the front fascia/bumper, vehicle body structure, or add aftermarket side steps or running boards.
- It is dangerous to try to repair any part of the air bag system yourself. Be sure to tell anyone who works on your vehicle that it has an air bag system.
- Do not attempt to modify any part of your air bag system. The air bag may inflate accidentally or may not function properly if modifications are made. Take your vehicle to an authorized dealer for any

(Continued)

WARNING!

air bag system service. If your seat, including your trim cover and cushion, needs to be serviced in any way (including removal or loosening/tightening of seat attachment bolts), take the vehicle to an authorized dealer. Only manufacturer approved seat accessories may be used. If it is necessary to modify the air bag system for persons with disabilities, contact an authorized dealer.

Event Data Recorder (EDR)

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE:

EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

CHILD RESTRAINTS

Everyone in your vehicle needs to be buckled up at all times, including babies and children.

Children 12 years or younger should ride properly buckled up in a rear seat, if available. According to crash statistics, children are safer when properly restrained in the rear seats rather than in the front.

Warning Label On Front Passenger Sun Visor

WARNING!

- NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.
- Never install a rear-facing child restraint in the front seat of a vehicle. Only use a rear-facing child restraint in the rear seat. If the vehicle does not have a rear seat, do not transport a rear-facing child restraint in that vehicle.
- A deploying passenger front air bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.
- In a collision, an unrestrained child can become a projectile inside the vehicle. The force required to hold even an infant on your lap could become so great that you could not hold the child, no matter how strong you are. The child and others could be

(Continued)

WARNING!
badly injured or killed. Any child riding in your vehicle should be in a proper restraint for the child's size.

There are different sizes and types of restraints for children from newborn size to the child almost large enough for an adult safety belt. Always check the child seat Owner's Manual to make sure you have the correct seat for your child. Carefully read and follow all the instructions and warnings in the child restraint Owner's Manual and on all the labels attached to the child restraint.

Before buying any restraint system, make sure that it has a label certifying that it meets all applicable Safety Standards. You should also make sure that you can install it in the vehicle where you will use it.

Summary Of Recommendations For Restraining Children In Vehicles

	Child Size, Height, Weight Or Age	Recommended Type Of Child Restraint
Infants and Toddlers	Children who are two years old or younger and who have not reached the height or weight limits of their child restraint	Either an Infant Carrier or a Convertible Child Restraint, facing rearward in a rear seat of the vehicle
Small Children	Children who are at least two years old or who have outgrown the height or weight limit of their rear-facing child restraint	Forward-Facing Child Restraint with a five-point Harness, facing forward in a rear seat of the vehicle
Larger Children	Children who have outgrown their forward-facing child restraint, but are too small to properly fit the vehicle's seat belt	Belt Positioning Booster Seat and the vehicle seat belt, seated in a rear seat of the vehicle
Children Too Large for Child Restraints	Children 12 years old or younger, who have outgrown the height or weight limit of their booster seat	Vehicle Seat Belt, seated in a rear seat of the vehicle

Infant And Child Restraints

Safety experts recommend that children ride rear-facing in the vehicle until they are two years old or until they reach either the height or weight limit of their rear-facing child restraint. Two types of child restraints can be used rear-facing: infant carriers and convertible child seats.

The infant carrier is only used rear-facing in the vehicle. It is recommended for children from birth until they reach the weight or height limit of the infant carrier. Convertible child seats can be used either rear-facing or forward-facing in the vehicle. Convertible child seats often have a higher weight limit in the rear-facing direction than infant carriers do, so they can be used rear-facing by children who have outgrown their infant carrier but are still less than at least two years old. Children should remain rear-facing until they reach the highest weight or height allowed by their convertible child seat.

WARNING!

- Never place a rear-facing child restraint in front of an air bag. A deploying passenger front air bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.
- Never install a rear-facing child restraint in the front seat of a vehicle. Only use a rear-facing child restraint in the rear seat. If the vehicle does not have a rear seat, do not transport a rear-facing child restraint in that vehicle.

Older Children And Child Restraints

Children who are two years old or who have outgrown their rear-facing convertible child seat can ride forward-facing in the vehicle. Forward-facing child seats and convertible child seats used in the forward-facing direction are for children who are over two years old or who have outgrown the rear-facing weight or height limit of their rear-facing convertible child seat. Children should remain in a forward-facing child seat with a harness for as long as possible, up to the highest weight or height allowed by the child seat.

All children whose weight or height is above the forward-facing limit for the child seat should use a belt-positioning booster seat until the vehicle's seat belts fit properly. If the child cannot sit with knees bent over the vehicle's seat cushion while the child's back is against the seatback, they should use a belt-positioning booster seat. The child and belt-positioning booster seat are held in the vehicle by the seat belt.

WARNING!

- Improper installation can lead to failure of an infant or child restraint. It could come loose in a collision. The child could be badly injured or killed. Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.
- After a child restraint is installed in the vehicle, do not move the vehicle seat forward or rearward because it can loosen the child restraint attachments. Remove the child restraint before adjusting the vehicle seat position. When the vehicle seat has been adjusted, reinstall the child restraint.
- When your child restraint is not in use, secure it in the vehicle with the seat belt or LATCH anchorages, or remove it from the vehicle. Do not leave it loose in the vehicle. In a sudden stop or accident, it could strike the occupants or seatbacks and cause serious personal injury.

Children Too Large For Booster Seats

Children who are large enough to wear the shoulder belt comfortably, and whose legs are long enough to bend over the front of the seat when their back is against the seatback, should use the seat belt in a rear seat. Use this simple 5-step test to decide whether the child can use the vehicle's seat belt alone:

1. Can the child sit all the way back against the back of the vehicle seat?
2. Do the child's knees bend comfortably over the front of the vehicle seat while the child is still sitting all the way back?
3. Does the shoulder belt cross the child's shoulder between the neck and arm?
4. Is the lap part of the belt as low as possible, touching the child's thighs and not the stomach?
5. Can the child stay seated like this for the whole trip?

If the answer to any of these questions was "no," then the child still needs to use a booster seat in this vehicle. If the child is using the lap/shoulder belt, check seat belt fit periodically and make sure the seat belt buckle is latched. A child's squirming or slouching can move the belt out of position. If the shoulder belt contacts the face or neck, move the child closer to the center of the vehicle, or use a booster seat to position the seat belt on the child correctly.

WARNING!

Never allow a child to put the shoulder belt under an arm or behind their back. In a crash, the shoulder belt will not protect a child properly, which may result in serious injury or death. A child must always wear both the lap and shoulder portions of the seat belt correctly.

Recommendations For Attaching Child Restraints

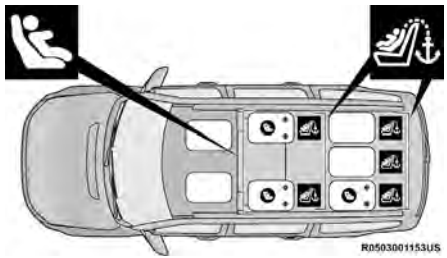
Restraint Type	Combined Weight of the Child + Child Restraint	Use Any Attachment Method Shown With An "X" Below			
		LATCH – Lower Anchors Only	Seat Belt Only	LATCH – Lower Anchors + Top Tether Anchor	Seat Belt + Top Tether Anchor
Rear-Facing Child Restraint	Up to 65 lb (29.5 kg)	X	X		
Rear-Facing Child Restraint	More than 65 lb (29.5 kg)		X		
Forward-Facing Child Restraint	Up to 65 lb (29.5 kg)			X	X
Forward-Facing Child Restraint	More than 65 lb (29.5 kg)				X

Lower Anchors And Tethers For CHildren (LATCH) Restraint System

LATCH Label

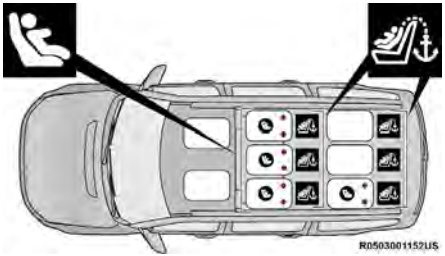
Your vehicle is equipped with the child restraint anchorage system called LATCH, which stands for Lower Anchors and Tethers for CHildren. The LATCH system has three vehicle anchor points for installing LATCH-equipped child seats. There are two lower anchorages located at the back of the seat cushion where it meets the seatback and one top tether anchorage located behind the seating position. These anchorages are used to install LATCH-equipped child seats without using the vehicle's seat belts. Some seating positions may have a top tether anchorage but no lower anchorages. In these seating positions, the seat belt must be used with the top tether anchorage to install the child restraint. Please see the following table for more information.

LATCH Positions For Installing Child Restraints In This Vehicle



Seven Passenger (Captain's Chairs Second Row) LATCH Positions

Lower Anchorage Symbol (2 Anchorages Per Seating Position)
Top Tether Anchorage Symbol



Eight Passenger (Second Row Bench) LATCH Positions

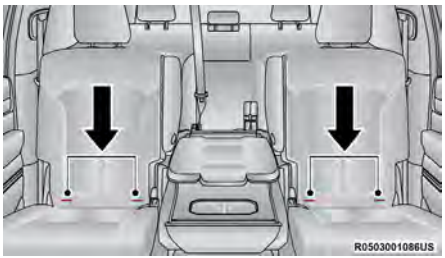
Lower Anchorage Symbol (2 Anchorages Per Seating Position)
Top Tether Anchorage Symbol

Frequently Asked Questions About Installing Child Restraints With LATCH		
What is the weight limit (child's weight + weight of the child restraint) for using the LATCH anchorage system to attach the child restraint?	65 lb (29.5 kg)	Use the LATCH anchorage system until the combined weight of the child and the child restraint is 65 lb (29.5 kg). Use the seat belt and tether anchor instead of the LATCH system once the combined weight is more than 65 lb (29.5 kg).
Can the LATCH anchorages and the seat belt be used together to attach a rear-facing or forward-facing child restraint?	No	Do not use the seat belt when you use the LATCH anchorage system to attach a rear-facing or forward-facing child restraint. Booster seats may be attached to the LATCH anchorages if allowed by the booster seat manufacturer. See your booster seat owner's manual for more information.
Can two child restraints be attached using a common lower LATCH anchorage?	No	Never "share" a LATCH anchorage with two or more child restraints. If the center position does not have dedicated LATCH lower anchorages, use the seat belt to install a child seat in the center position next to a child seat using the LATCH anchorages in an outboard position.

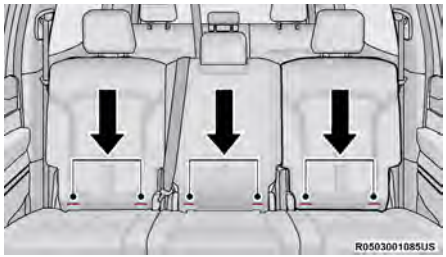
Frequently Asked Questions About Installing Child Restraints With LATCH		
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	The child seat may touch the back of the front passenger seat if the child restraint manufacturer also allows contact. See your child restraint owner's manual for more information.
Can the rear head restraints be removed?	No	

Locating The LATCH Anchorages

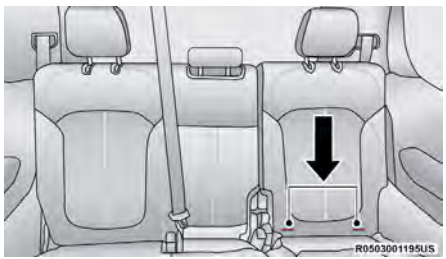
The lower anchorages are round bars that are found at the rear of the seat cushion where it meets the seatback, below the anchorage symbols on the seatback. They are just visible when you lean into the rear seat to install the child restraint. You will easily feel them if you run your finger along the gap between the seatback and seat cushion.



Second Row LATCH Positions (Seven Passenger)



Second Row LATCH Positions (Eight Passenger)

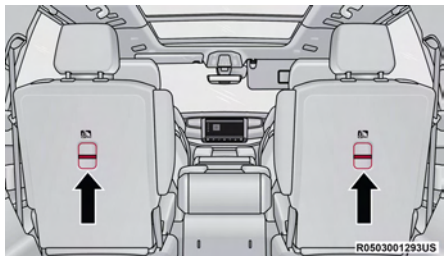


Third Row LATCH Position (Seven And Eight Passenger)

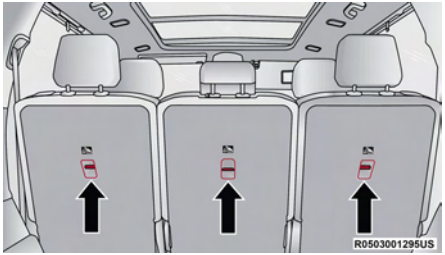
Locating The Upper Tether Anchorages

There are tether strap anchorages behind each rear seating position located on the back of the seat.

Seven And Eight Passenger Vehicles: Second Row Upper Tether Anchorage Locations

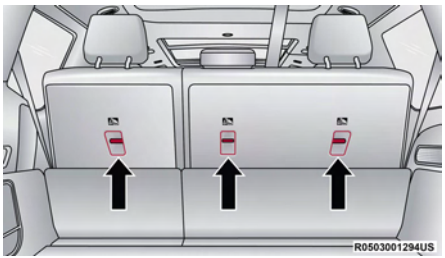


Seven Passenger Top Tether Anchorages (Captain's Chairs)



Eight Passenger Top Tether Strap Mounting (Second Row Bench)

Seven And Eight Passenger Vehicles: Third Row Upper Tether Anchorage Locations



Tether Anchorages (Third Row Bench)

LATCH-compatible child restraint systems will be equipped with a rigid bar or a flexible strap on each side. Each will have a hook or connector to attach to the lower anchorage and a way to tighten the connection to the anchorage. Forward-facing child restraints and some rear-facing child restraints will also be equipped with a tether strap. The tether strap will have a hook at the end to attach to the top tether anchorage and a way to tighten the strap after it is attached to the anchorage.

Center Seat LATCH

Seven Passenger And Eight Passenger Third Row Seating:

WARNING!

- Do not install a child restraint in the center position using the LATCH system. This position is not approved for installing child seats using the LATCH attachments. You must use the seat belt and tether anchor to install a child seat in the center seating position.
- Never use the same lower anchorage to attach more than one child restraint. See ⇨ page 247 for typical installation instructions.

Eight Passenger Second Row Seating:

If a child restraint installed in the center position blocks the seat belt webbing or buckle for the outboard position, do not use that outboard position. If a child seat in the center position blocks the outboard LATCH anchors or seat belt, do not install a child seat in that outboard position.

WARNING!

Never use the same lower anchorage to attach more than one child restraint. For typical installation instructions, see ⇨ page 247.

Always follow the directions of the child restraint manufacturer when installing your child restraint. Not all child restraint systems will be installed as described here.

To Install A LATCH-Compatible Child Restraint

If the selected seating position has a Switchable Automatic Locking Retractor (ALR) seat belt, stow the seat belt, following the instructions provided. See ⇨ page 248 to check what type of seat belt each seating position has.

1. Loosen the adjusters on the lower straps and on the tether strap of the child seat so that you can more easily attach the hooks or connectors to the vehicle anchorages.
2. Place the child seat between the lower anchorages for that seating position. For the second row seats, and third row left outboard seat, move the seat back rearward to the fourth locking position from full upright to attach the seat to the lower LATCH anchorages.
3. Attach the lower hooks or connectors of the child restraint to the lower anchorages in the selected seating position. Adjust the seat back forward to the most vertical locking position. If the rear seat can be moved forward and rearward, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.
4. If the child restraint has a tether strap, connect it to the top tether anchorage. See ⇨ page 250 for directions to attach a tether anchor.

5. Tighten all of the straps as you push the child restraint rearward and downward into the seat. Remove slack in the straps according to the child restraint manufacturer's instructions.
6. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.

How To Stow An Unused Switchable-ALR (ALR) Seat Belt:

When using the LATCH attaching system to install a child restraint, stow all ALR seat belts that are not being used by other occupants or being used to secure child restraints. An unused belt could injure a child if they play with it and accidentally lock the seat belt retractor. Before installing a child restraint using the LATCH system, buckle the seat belt behind the child restraint and out of the child's reach. If the buckled seat belt interferes with the child restraint installation, instead of buckling it behind the child restraint, route the seat belt through the child restraint belt path and then buckle it. Do not lock the seat belt. Remind all children in the vehicle that the seat belts are not toys and that they should not play with them.

WARNING!

- Improper installation of a child restraint to the LATCH anchorages can lead to failure of the restraint. The child could be badly injured or killed. Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.
- Child restraint anchorages are designed to withstand only those loads imposed by correctly-fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

Installing Child Restraints Using The Vehicle Seat Belt

Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt.

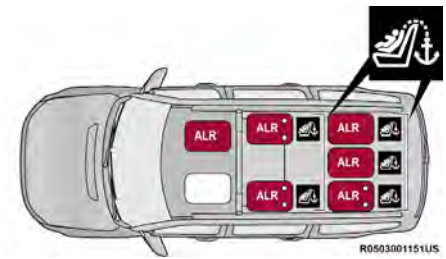
WARNING!

- Improper installation or failure to properly secure a child restraint can lead to failure of the restraint. The child could be badly injured or killed.
- Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

The seat belts in the passenger seating positions are equipped with a Switchable Automatic Locking Retractor (ALR) that is designed to keep the lap portion of the seat belt tight around the child restraint so that it is not necessary to use a locking clip. The ALR retractor can be "switched" into a locked mode by pulling all of the webbing out of the retractor and then letting the webbing retract back into the retractor. If it is locked, the ALR will make a clicking noise while the webbing is pulled back into the retractor ⇨ page 231.

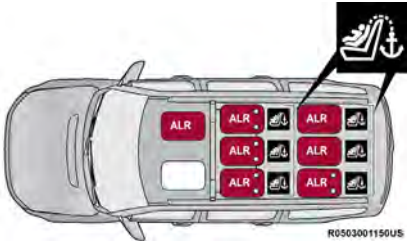
Please see the table provided and the following sections for more information.

Lap/Shoulder Belt Systems For Installing Child Restraints In This Vehicle



Seven Passenger (Captain's Chairs Second Row) Automatic Locking Retractor (ALR) Locations

ALR — Switchable Automatic Locking Retractor
Top Tether Anchorage Symbol



Eight Passenger (Second Row Bench) Automatic Locking Retractor (ALR) Locations

ALR — Switchable Automatic Locking Retractor
Top Tether Anchorage Symbol

Frequently Asked Questions About Installing Child Restraints With Seat Belts		
What is the weight limit (child's weight + weight of the child restraint) for using the Tether Anchor with the seat belt to attach a forward-facing child restraint?	Weight limit of the Child Restraint	Always use the tether anchor when using the seat belt to install a forward-facing child restraint, up to the recommended weight limit of the child restraint.
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	Contact between the front passenger seat and the child restraint is allowed, if the child restraint manufacturer also allows contact.
Can the rear head restraints be removed?	No	
Can the buckle stalk be twisted to tighten the seat belt against the belt path of the child restraint?	No	Do not twist the buckle stalk in a seating position with an ALR retractor.

Installing A Child Restraint With A Switchable Automatic Locking Retractor (ALR):

Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt.

WARNING!

- Improper installation or failure to properly secure a child restraint can lead to failure of the restraint. The child could be badly injured or killed.
- Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

1. Place the child seat in the center of the seating position. If the second row seat can be reclined, you may recline the seat and/or raise the head restraint (if adjustable) to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.
2. Pull enough of the seat belt webbing from the retractor to pass it through the belt path of the child restraint. Do not twist the belt webbing in the belt path.
3. Slide the latch plate into the buckle until you hear a "click."
4. Pull on the webbing to make the lap portion tight against the child seat.
5. To lock the seat belt, pull down on the shoulder part of the belt until you have pulled all the seat belt webbing out of the retractor. Then, allow the webbing to retract back into the retractor. As the webbing retracts, you will hear a clicking sound. This means the seat belt is now in the Automatic Locking mode.
6. Try to pull the webbing out of the retractor. If it is locked, you should not be able to pull out any webbing. If the retractor is not locked, repeat step 5.
7. Finally, pull up on any excess webbing to tighten the lap portion around the child restraint while you push the child restraint rearward and downward into the vehicle seat.
8. If the child restraint has a top tether strap and the seating position has a top tether anchorage, connect the tether strap to the anchorage and tighten the tether strap. See ⇨ page 250 for directions to attach a tether anchor.
9. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.

Any seat belt system will loosen with time, so check the belt occasionally, and pull it tight if necessary.

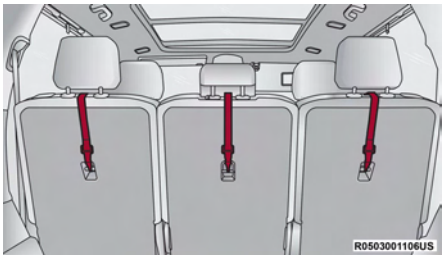
Installing Child Restraints Using The Top Tether Anchorage

WARNING!

Do not attach a tether strap for a rear-facing car seat to any location in front of the car seat, including the seat frame or a tether anchorage. Only attach the tether strap of a rear-facing car seat to the tether anchorage that is approved for that seating position, located behind the top of the vehicle seat. See ⇨ page 244 for the location of approved tether anchorages in your vehicle.

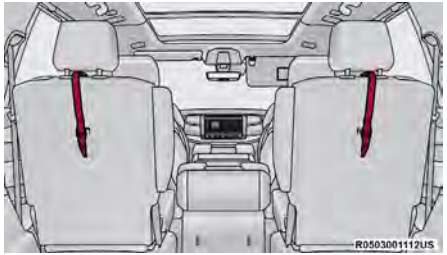
1. Look behind the seating position where you plan to install the child restraint to find the tether anchorage. If the seat can be moved, you may need to move the seat forward to provide better access to the tether anchorage. If there is no top tether anchorage for that seating position, move the child restraint to another position in the vehicle if one is available.

2. Route the tether strap to provide the most direct path for the strap between the anchor and the child seat. If your vehicle is equipped with adjustable rear head restraints, raise the head restraint, and where possible, route the tether strap under the head restraint and between the two posts. If not possible, lower the head restraint and pass the tether strap around the outboard side of the head restraint.
3. Attach the tether strap hook of the child restraint to the top tether anchorage as shown in the diagram.

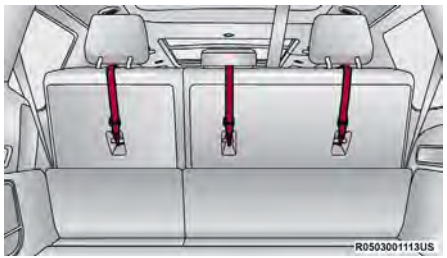


Second Row Bench Seat Top Tether Strap Mounting (Eight Passenger Seating)

4. Remove slack in the tether strap according to the child restraint manufacturer's instructions.



Second Row Captain's Chair Top Tether Strap Mounting (Seven Passenger Seating)



Third Row Seating Top Tether Strap Mounting

WARNING!

- An incorrectly anchored tether strap could lead to increased head motion and possible injury to the child. Use only the anchorage position directly behind the child seat to secure a child restraint top tether strap.

(Continued)

WARNING!

- If your vehicle is equipped with a split rear seat, make sure the tether strap does not slip into the opening between the seatbacks as you remove slack in the strap.

SAFETY TIPS

TRANSPORTING PASSENGERS

NEVER TRANSPORT PASSENGERS IN THE CARGO AREA.

WARNING!

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat buildup may cause serious injury or death.
- It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

TRANSPORTING PETS

Air Bags deploying in the front seat could harm your pet. An unrestrained pet will be thrown about and possibly injured, or injure a passenger during panic braking or in a collision.

Pets should be restrained in the rear seat (if equipped) in pet harnesses or pet carriers that are secured by seat belts.

CONNECTED VEHICLES

Privacy of any wireless and wired communications cannot be ensured. Third parties may unlawfully intercept information and private communications without your consent ⇨ page 105.

WARNING!

It is not possible to know or to predict all of the possible outcomes if your vehicle's systems are breached. It may be possible that vehicle systems, including safety related systems, could be impaired or a loss of vehicle control could occur that may result in an accident involving serious injury or death.

SAFETY CHECKS YOU SHOULD MAKE INSIDE THE VEHICLE

Seat Belts

Inspect the seat belt system periodically, checking for cuts, frays, and loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system.

If your vehicle is involved in a collision, or if you have questions regarding the seat belt or retractor conditions, take your vehicle to an authorized FCA dealer for inspection.

Air Bag Warning Light

The Air Bag Warning Light will turn on for four to eight seconds as a bulb check when the ignition switch is first placed in the ON/RUN position. If the light is either not on during starting, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible. After the bulb check, this light will illuminate with a single chime when a fault with the Air Bag System has been detected. It will stay on until the fault is removed. If the light comes on intermittently or remains on while driving, have an authorized dealer service the vehicle immediately ⇨ page 224.

Defroster

Check operation by selecting the defrost mode and place the blower control on high speed. You should be able to feel the air directed against the windshield. See an authorized dealer for service if your defroster is inoperable.

Floor Mat Safety Information

Always use floor mats designed to fit your vehicle. Only use a floor mat that does not interfere with the operation of the accelerator, brake or clutch pedals. Only use a floor mat that is securely attached using the floor mat fasteners so it cannot slip out of position and interfere with the accelerator, brake or clutch pedals or impair safe operation of your vehicle in other ways.

WARNING!

An improperly attached, damaged, folded, or stacked floor mat, or damaged floor mat fasteners may cause your floor mat to interfere with the accelerator, brake, or clutch pedals and cause a loss of vehicle control. To prevent SERIOUS INJURY or DEATH:

- ALWAYS securely attach your floor mat using the floor mat fasteners. DO NOT install your floor mat upside down or turn your floor mat over. Lightly pull to confirm mat is secured using the floor mat fasteners on a regular basis.

- ALWAYS REMOVE THE EXISTING FLOOR MAT FROM THE VEHICLE before installing any other floor mat. NEVER install or stack an additional floor mat on top of an existing floor mat.
- ONLY install floor mats designed to fit your vehicle. NEVER install a floor mat that cannot be properly attached and secured to your vehicle. If a floor mat needs to be replaced, only use a FCA approved floor mat for the specific make, model, and year of your vehicle.
- ONLY use the driver's side floor mat on the driver's side floor area. To check for interference, with the vehicle properly parked with the engine off, fully depress the accelerator, the brake, and the clutch pedal (if present) to check for interference. If your floor mat interferes with the operation of any pedal, or is not secure to the floor, remove the floor mat from the vehicle and place the floor mat in your trunk.
- ONLY use the passenger's side floor mat on the passenger's side floor area.

(Continued)

WARNING!

- ALWAYS make sure objects cannot fall or slide into the driver's side floor area when the vehicle is moving. Objects can become trapped under accelerator, brake, or clutch pedals and could cause a loss of vehicle control.
- NEVER place any objects under the floor mat (e.g., towels, keys, etc.). These objects could change the position of the floor mat and may cause interference with the accelerator, brake, or clutch pedals.
- If the vehicle carpet has been removed and re-installed, always properly attach carpet to the floor and check the floor mat fasteners are secure to the vehicle carpet. Fully depress each pedal to check for interference with the accelerator, brake, or clutch pedals then re-install the floor mats.
- It is recommended to only use mild soap and water to clean your floor mats. After cleaning, always check your floor mat has been properly installed and is secured to your vehicle using the floor mat fasteners by lightly pulling mat.

PERIODIC SAFETY CHECKS YOU SHOULD MAKE OUTSIDE THE VEHICLE

Tires

Examine tires for excessive tread wear and uneven wear patterns. Check for stones, nails, glass, or other objects lodged in the tread or sidewall. Inspect the tread for cuts and cracks. Inspect sidewalls for cuts, cracks, and bulges. Check the lug nut/bolt torque for tightness. Check the tires (including spare) for proper cold inflation pressure.

Lights

Have someone observe the operation of brake lights and exterior lights while you work the controls. Check turn signal and high beam indicator lights on the instrument panel.

Door Latches

Check for proper closing, latching, and locking.

Fluid Leaks

Check area under the vehicle after overnight parking for fuel, coolant, oil, or other fluid leaks. Also, if gasoline fumes are detected or if fuel or brake fluid leaks are suspected, the cause should be located and corrected immediately.

EXHAUST GAS

WARNING!

Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing (CO), follow these safety tips:

- Do not run the engine in a closed garage or in confined areas any longer than needed to move your vehicle in or out of the area.
- If you are required to drive with the trunk/liftgate/rear doors open, make sure that all windows are closed and the climate control BLOWER switch is set at high speed. DO NOT use the recirculation mode.

(Continued)

WARNING!

- If it is necessary to sit in a parked vehicle with the engine running, adjust your heating or cooling controls to force outside air into the vehicle. Set the blower at high speed.

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

Whenever a change is noticed in the sound of the exhaust system, when exhaust fumes can be detected inside the vehicle, or when the underside or rear of the vehicle is damaged, have an authorized dealer inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, inspect the exhaust system each time the vehicle is raised for lubrication or oil change. Replace as required.

CARBON MONOXIDE WARNINGS

WARNING!

Carbon monoxide (CO) in exhaust gases is deadly. Follow the precautions provided to prevent carbon monoxide poisoning:

- Do not inhale exhaust gases. They contain carbon monoxide, a colorless and odorless gas, which can kill. Never run the engine in a closed area, such as a garage, and never sit in a parked vehicle with the engine running for an extended period. If the

(Continued)

WARNING!

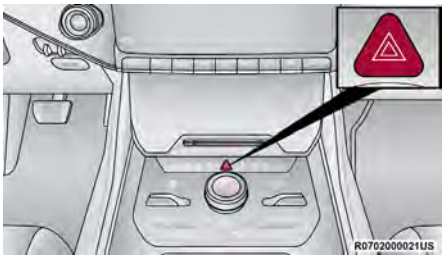
vehicle is stopped in an open area with the engine running for more than a short period, adjust the ventilation system to force fresh, outside air into the vehicle.

- Guard against carbon monoxide with proper maintenance. Have the exhaust system inspected every time the vehicle is raised. Have any abnormal conditions repaired promptly. Until repaired, drive with all side windows fully open.

IN CASE OF EMERGENCY

HAZARD WARNING FLASHERS

The Hazard Warning Flashers button is located in the center console just below the climate control screen.



Hazard Warning Flashers Button

Push the button to turn on the Hazard Warning Flashers. When the button is activated, all directional turn signals will flash on and off to warn oncoming traffic of an emergency. Push the button a second time to turn off the Hazard Warning Flashers.

This is an emergency warning system and it should not be used when the vehicle is in motion. Use it only when your vehicle is disabled or signaling a safety hazard warning for other motorists.

When you must leave the vehicle to seek assistance, the Hazard Warning Flashers will continue to operate even though the ignition is placed in the OFF position.

NOTE:

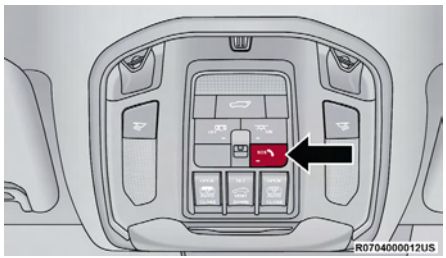
With extended use, the Hazard Warning Flashers may discharge the battery.

SOS EMERGENCY CALL — IF EQUIPPED

Your vehicle has an on-board assistance feature that is designed to provide support in case of accident and/or emergency. This feature is automatically activated by air bag deployment, or can be activated manually by pushing the button located on the overhead console.

NOTE:

SOS-Emergency Call will only work with an enabled network operator.



SOS-Emergency Call Button

The SOS - Emergency Call system automatically forwards a call to emergency services in the event of an accident with air bag deployment providing that the ignition device is in the RUN position and the air bags are working. Pressing the SOS button on the overhead console will illuminate the light within the button. When the connection between the vehicle and a public safety operator is made, your vehicle will automatically transmit location and vehicle information to the emergency service operator.

Only a public safety operator can remotely end the SOS-Emergency Call and, if necessary, call the vehicle back through the Emergency Call system. Once the call has ended, you can still call the emergency service operator to indicate additional information by pushing the button again.

To Use SOS-Emergency Call

Push or hold the SOS-Emergency Call button for a few seconds. The LED, located within the SOS button, will blink once and then stay on indicating a call has been placed.

NOTE:

If the SOS-Emergency Call button is accidentally pushed, there is a 10 second delay before the call is placed. The system will issue a verbal alert that a call is about to be made. To cancel the call connection, push the SOS-Emergency Call button again.

Once a connection between the vehicle and an emergency service operator is made, the SOS-Emergency Call system will transmit the following important vehicle information to the operator:

- Indication that the occupant placed an SOS-Emergency Call.
- The Vehicle Identification Number (VIN).
- The last known GPS coordinates of the vehicle.

You will then be able to speak with the emergency service operator to determine if additional help is needed.

The SOS-Emergency Call has priority over other audio sources, which will be muted. If you have a phone connected via Bluetooth®, it is disconnected and reconnected at the end of the SOS-Emergency Call. Voice prompts will guide you during the SOS-Emergency Call. If a connection is made between an emergency service operator and your vehicle, emergency service operators may record conversations and sounds within your vehicle once a connection is made, and that by using the service you consent to having this information shared.

SOS-Emergency Call System Limitations

When the ignition switches to the RUN position, the Emergency Call system runs a routine check. During this check, a red indicator will illuminate for about three seconds. This signal must not be confused with a fault warning. In the event of a malfunction, the red indicator would remain on. If the SOS-Emergency Call system detects a malfunction, any of the following may occur at the time the malfunction is detected:

- The LED within the SOS button will continuously illuminate red.
- The Emergency Call system is powered by its own non-rechargeable battery to ensure operation, even when the vehicle battery is discharged or disconnected. When system battery is discharged, the instrument cluster display will show a special message, different than other messages referring to other types of faults. In this case, the system works only if powered by the vehicle's battery.
- The instrument cluster will display a message alerting you to contact the Service Network along with a failure warning light.

Even if the SOS-Emergency Call system is fully functional, external or uncontrolled factors may prevent or stop SOS-Emergency Call operation. These include, but are not limited to, the following factors:

- The ignition is in OFF position.
- The vehicle's electrical systems are not intact.
- The SOS-Emergency Call system software and/or hardware is damaged during a vehicle collision.
- There are network problems that could limit or impair service operation (e.g., error by operator, busy network, bad weather, etc.).

If the vehicle battery connection fails due to a collision or accident, the system can support an SOS-Emergency Call for a limited period of time. If the battery is disconnected for service, the system turns off. In this case, it will be possible to make an SOS-Emergency Call only when the battery is reconnected to the vehicle's electrical system.

System Requirements

- Vehicle must have an operable 4G network connection.
- Vehicle must be powered with a properly functioning electrical system.
- The ignition must be in the RUN or ACC position.

WARNING!

- Never place anything on or near the vehicle's 4G and GPS aerials. You could prevent 4G and GPS signal reception, which can prevent your vehicle from placing an emergency call. An operable 4G network connection and a GPS signal is required for the SOS-Emergency Call system to function properly.

(Continued)

WARNING!

- Do not add any aftermarket electrical equipment to the vehicle's electrical system. This may prevent your vehicle from sending a signal to initiate an emergency call. To avoid interference that can cause the SOS-Emergency Call system to fail, never add aftermarket equipment (e.g., two-way mobile radio, CB radio, data recorder, etc.) to your vehicle's electrical system or modify the antennas on your vehicle. IF YOUR VEHICLE LOSES BATTERY POWER FOR ANY REASON (INCLUDING DURING OR AFTER AN ACCIDENT) THE MTC+ FEATURES, APPS AND SERVICES AMONG OTHERS WILL NOT OPERATE.
- The Occupant Restraint Controller (ORC) turns on the air bag warning light in the instrument cluster if a malfunction in any part of the air bag system is detected. If the air bag warning light is illuminated, the air bag system may not be working properly and the SOS-Emergency Call system may not be able to send a signal to an emergency service operator. If the air bag warning light is illuminated, contact the Service Network to have the air bag system checked immediately.
- Ignoring the LED on the SOS-Emergency Call button could mean you will not have emergency call services if needed. If the LED on SOS-Emergency Call button is illuminated red, contact the Service Network to have the emergency call system checked immediately.
- If anyone in the vehicle could be in danger (e.g., fire or smoke is visible, dangerous road conditions or location), do not wait for voice contact from an emergency service operator. All occupants should exit the vehicle immediately and move to a safe location.

(Continued)

WARNING!

- Failure to perform scheduled maintenance and regularly inspect your vehicle may result in vehicle damage, accident or injury.

Frequently Asked Questions:

What happens if I accidentally push the SOS-Emergency Call Button?

- You have 10 seconds after pushing the emergency button to cancel the call. To cancel the call, push the button again.

What type of information is sent when I make an SOS-Emergency Call from my vehicle?

- Certain vehicle information, such as the VIN, is transmitted along with last known GPS location. Also note that emergency service operators may record conversations and sounds within your vehicle once a connection is made, and that by using the service you consent to having this information shared.

When can I use the SOS-Emergency Call button?

- You can **ONLY** use the SOS-Emergency Call button to make a call if you or someone else needs emergency assistance.

JACKING AND TIRE CHANGING

WARNING!

- Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid the danger of being hit when operating the jack or changing the wheel.

(Continued)

WARNING!

- Being under a jacked-up vehicle is dangerous. The vehicle could slip off the jack and fall on you. You could be crushed. Never put any part of your body under a vehicle that is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.
- Never start or run the engine while the vehicle is on a jack.
- The jack is designed to be used as a tool for changing tires only. The jack should not be used to lift the vehicle for service purposes. The vehicle should be jacked on a firm level surface only. Avoid ice or slippery areas.

NOTE:

If your vehicle is equipped with an air suspension system, there is a feature which allows the automatic leveling to be disabled before changing a tire. This feature can be activated through the Uconnect system ⇨ page 183.

PREPARATIONS FOR JACKING

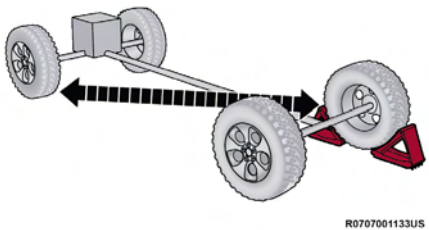
Before changing a tire or using the jack please disable the hands free lift gate, This feature can be disabled through the Uconnect system ⇨ page 170.

1. Park the vehicle on a firm, level surface as far from the edge of the roadway as possible. Avoid icy or slippery areas.

WARNING!

Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid being hit when operating the jack or changing the wheel.

2. Turn on the Hazard Warning Flashers.
3. Apply the parking brake.
4. Place the gear selector into PARK (P).
5. Turn OFF the ignition.
6. Block both front and rear of the wheel diagonally opposite of the jacking position. For example, if changing the driver's front tire, block the passenger's rear wheel.



Wheel Blocked Example

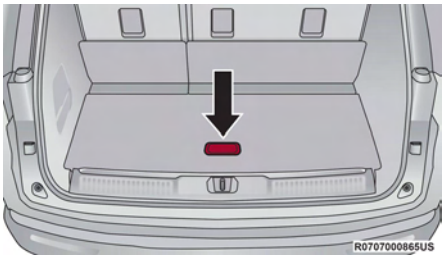
NOTE:

Passengers should not remain in the vehicle when the vehicle is being raised or lifted.

JACK AND TOOLS LOCATION

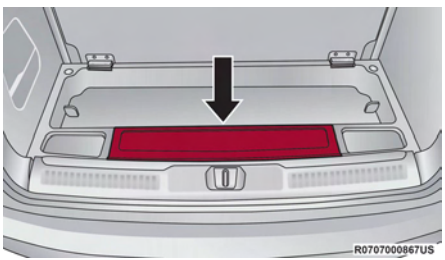
The scissor-type jack and tire changing tools are located in the rear cargo area, under the load floor.

1. Lift up on the load floor handle to access the jack and tool storage.



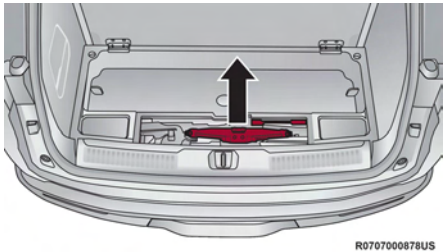
Load Floor Handle

2. Remove the jack storage cover to access the jack and tools.



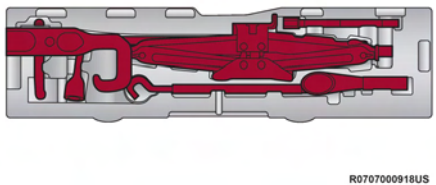
Jack And Tools Access Cover

3. Pull up to remove jack and tools from storage.

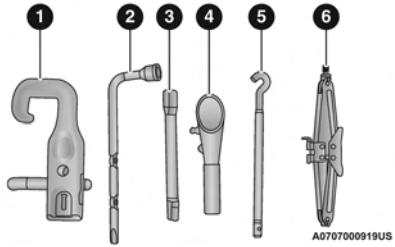


Removing Jack And Tools

NOTE:
Depending on vehicle trim level, tools shown may vary.



Jack And Tools Storage

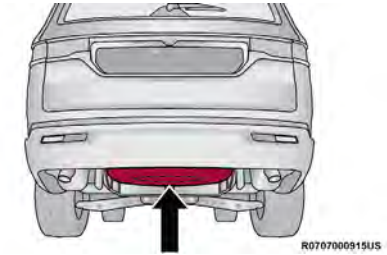


Jacking Tools Description

1 — Tow Hook (If Equipped)
2 — Wheel Lug Wrench
3 — Jack Handle Extension
4 — Fuel Funnel
5 — Jack Handle
6 — Scissor Jack

SPARE TIRE STOWAGE

The spare tire is stowed under the rear of the vehicle by means of a cable winch mechanism. To remove or stow the spare, use the jack handle/lug wrench connected to the square socket extension to rotate the “spare tire drive” nut. The nut is located under a rubber plug at the center-rear of the cargo floor area, just inside the lift-gate opening.



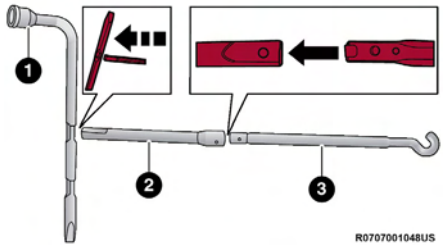
Spare Tire Location

CAUTION!
The winch mechanism is designed for use with the jack wrench extension tool only. Use of air wrench or power tool may damage the winch.

SPARE TIRE REMOVAL

Remove the spare tire before attempting to jack up the vehicle. The spare tire is stowed underneath the rear cargo area on the outside of the vehicle.

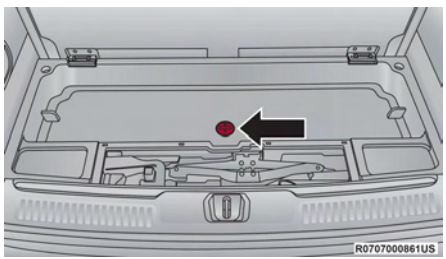
1. Assemble the jacking tools.



Jacking Tool Assembly

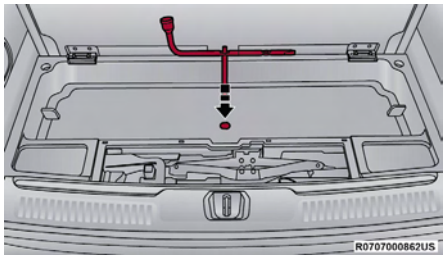
1 — Wheel Lug Wrench
2 — Jack Handle Extension
3 — Jack Handle

2. Locate and remove plug from the storage compartment floor to expose the winch access hole.

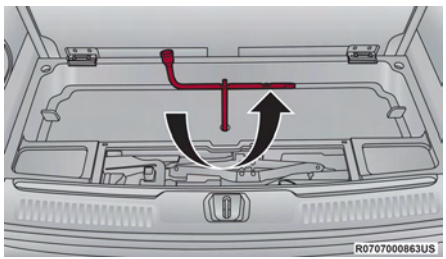


Winch Nut Plug

3. Fit the jack handle extension over the drive nut. Use the wheel lug wrench and extension to completely lower the spare tire. Keep turning the handle counterclockwise until the winch stops.



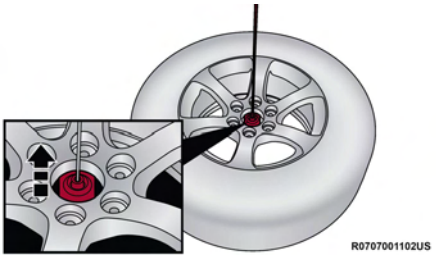
Winch Drive Nut Location



Wrench Rotation

4. Slide the tire out from under the vehicle and rotate it vertically behind the rear fascia/bumper.
5. Pull the metal retainer toward you to release it.

6. Slide the retainer up the steel extension tube and winch cable. Rotate the retainer and push it through the hole in the wheel.



Releasing Winch Retainer

JACKING INSTRUCTIONS

WARNING!

Carefully follow these tire changing warnings to help prevent personal injury or damage to your vehicle:

- Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.
- Turn on the Hazard Warning Flashers.
- Apply the parking brake firmly and set the transmission in PARK.
- Block the wheel diagonally opposite the wheel to be raised.
- Never start or run the engine with the vehicle on a jack.
- Do not let anyone sit in the vehicle when it is on a jack.

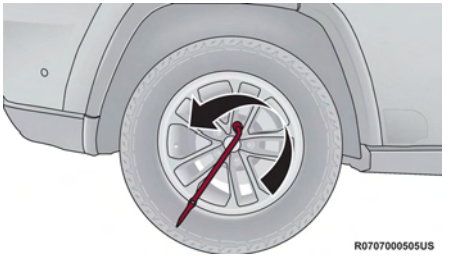
(Continued)

WARNING!

- Do not get under the vehicle when it is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.
- Only use the jack in the positions indicated and for lifting this vehicle during a tire change.
- If working on or near a roadway, be extremely careful of motor traffic.
- To assure that spare tires, flat or inflated, are securely stowed, spares must be stowed with the back of the wheel facing the ground.
- The jack should be used on level firm ground wherever possible.
- It is recommended that the wheels of the vehicle be chocked, and that no person should be remain in a vehicle that is being jacked.
- No person should place any portion of their body under a vehicle that is supported by a jack.

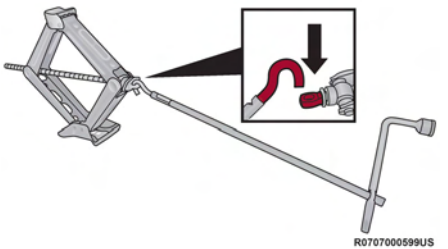
Jack Warning Label

1. Loosen (but do not remove) the wheel lug nuts, using the lug wrench by turning them counterclockwise, one turn, while the wheel is still on the ground.



Loosen Lug Nuts

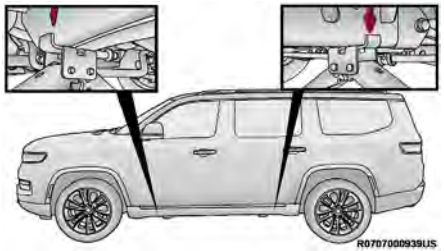
2. Assemble the jack and tools ⇨ page 259.



Jack And Tool Assembled

NOTE:

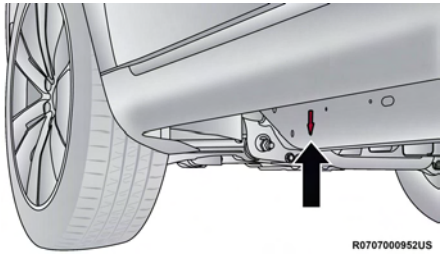
Placement for the front and rear jacking locations are critical. Keep the jack and tools aligned while raising the vehicle to prevent tool damage. See the following images for proper jacking locations.



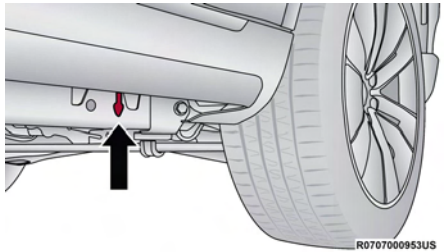
Jacking Locations

CAUTION!
Do not attempt to raise the vehicle by jacking on locations other than those indicated in the Jacking Instructions for this vehicle.

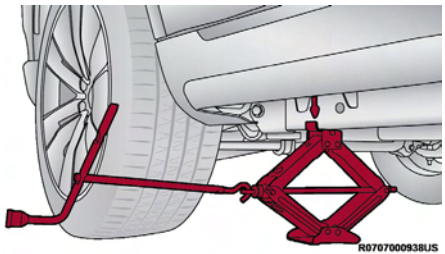
3. When changing a front tire, place the scissor jack under the front chassis lifting point, as indicated by the triangular lift point symbol shown in the following image. **Do not raise the vehicle until you are sure the jack is fully engaged.**



Front Lifting Point

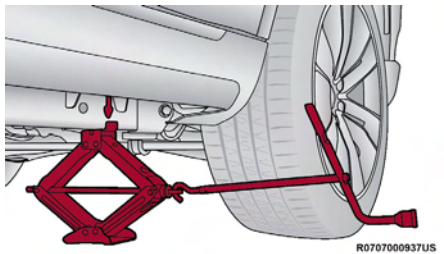


Rear Lifting Point



Front Jacking Location

4. When changing a rear tire, place the scissor jack under the rear chassis lifting point, as indicated by the triangular lift point symbol shown in the following image. **Do not raise the vehicle until you are sure the jack is fully engaged.**



Rear Jacking Location

5. Raise the vehicle by using the wheel lug wrench and jack handle to turn the jack screw clockwise. Raise the vehicle only until the tire just clears the surface and enough clearance is obtained to install the spare tire. Minimum tire lift provides maximum stability.

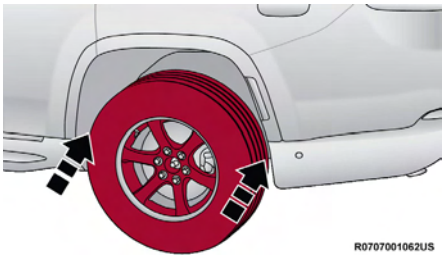
WARNING!

Raising the vehicle higher than necessary can make the vehicle less stable. It could slip off the jack and hurt someone near it. Raise the vehicle only enough to remove the tire.

6. Remove the lug nuts and wheel.
7. Position the spare wheel/tire on the vehicle and install the lug nuts with the cone-shaped end toward the wheel. Lightly tighten the nuts.

CAUTION!

Be sure to mount the spare tire with the valve stem facing outward. The vehicle could be damaged if the inflatable spare tire is mounted incorrectly.

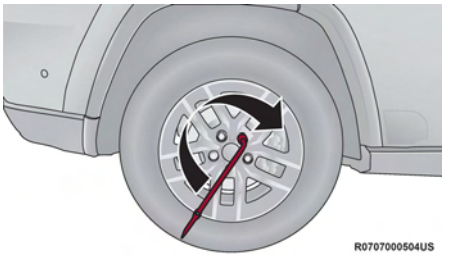


Mounting Spare Tire

WARNING!

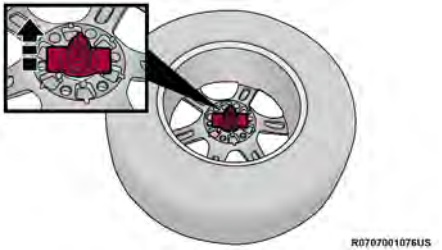
To avoid the risk of forcing the vehicle off the jack, do not tighten the wheel nuts fully until the vehicle has been lowered. Failure to follow this warning may result in serious injury.

8. Lower the vehicle by turning the jack screw counter-clockwise, and remove the jack and wheel blocks.
9. Finish tightening the lug nuts. Push down on the wrench at the end of the handle for increased leverage. Tighten the lug nuts in a star pattern until each nut has been tightened twice. For correct lug nut torque ⇨ page 313. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.



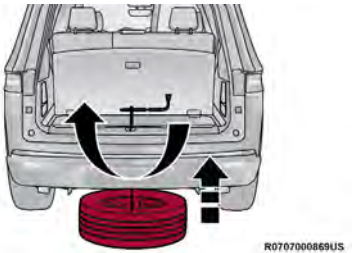
Tighten Lug Nuts

10. Position the wheel behind the rear fascia/bumper with the valve stem facing inward. Push the end of the winch's cable, spring and steel sleeve through the front side of the road wheel. Making sure the back of the wheel is facing the ground when the wheel is stowed.



Reinstalling Winch Retainer

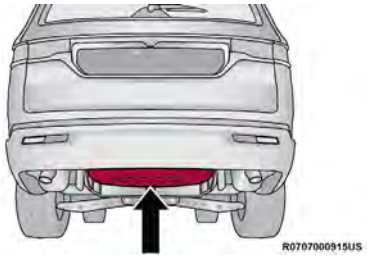
11. Slide the road wheel on the ground until it is directly under the winch and between the rear fascia/bumper and exhaust system heat shields. Raise the tire by turning the lug wrench on the winch extension clockwise until it clicks/ratchets three times to make sure the cable is tight.



Storing Of Road Wheel

NOTE:

Double check to ensure the tire is snug against the underbody of the vehicle. Damage to the winch cable may result if the vehicle is driven with the tire loose.



Road Wheel Stowage

WARNING!
A loose tire or jack thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided. Have the deflated (flat) tire repaired or replaced immediately.

12. Lower the jack to the fully closed position.
13. Return the Jack and tools back into the jack storage bin. Reinstall the jack storage cover by firmly pushing down until the clips lock into position.
14. After 25 miles (40 km), check the lug nut torque with a torque wrench to ensure that all lug nuts are properly seated against the wheel.
15. Have the road wheel and tire repaired as soon as possible and properly secure the spare tire, jack and tool kit.

NOTE:

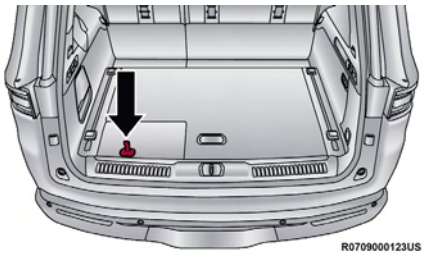
Do not drive with the spare tire installed for more than 50 miles (80 km) at a max speed of 50 mph (80 km/h).

Integrated Tire Compressor Kit — If Equipped

Your vehicle is equipped with an integrated tire compressor, which can be useful in roadside emergencies or off road inflating and deflating tires.

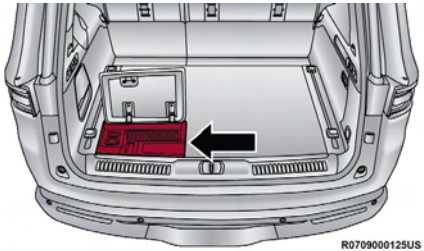
Integrated Tire Compressor Kit Storage

The tire compressor is stored within a unique storage bin under the load floor of the rear cargo area.



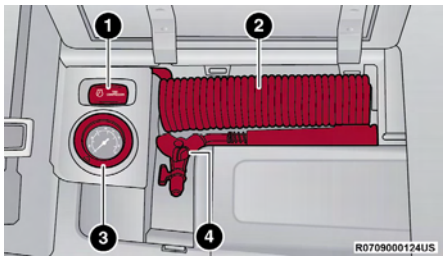
Integrated Tire Compressor Kit Storage Handle

Lift up on the handle to access the tire compressor.



Integrated Tire Compressor Kit

Integrated Tire Compressor Kit Components And Operation



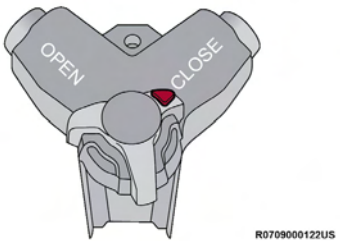
Tire Compressor Kit Components

1 — Power Switch
2 — Air Hose
3 — Adjustable Pressure Gauge Bezel
4 — Inflate/Deflate Valve

Using The Integrated Tire Compressor For Inflating:

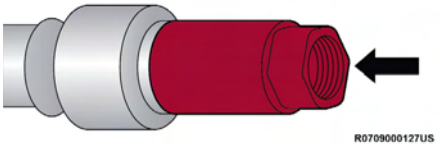
NOTE:
To prevent battery discharge, it is recommended to have the engine running while using the tire compressor.

1. Uncoil the air hose and then remove the cap from the fitting at the end of the hose.
2. Ensure the inflate/deflate valve knob on the air hose is in the “CLOSE” position, so that the air does not escape through the valve.



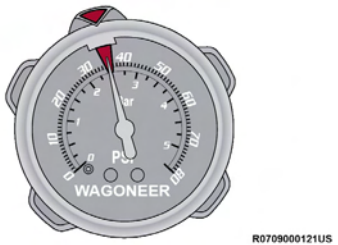
Inflate/Deflate Valve

3. Remove the cap from the tire valve stem and then screw the fitting at the end of the air hose onto the tire valve stem (*be careful not to cross thread*).



Air Hose End Fitting

4. Rotate the pressure gauge bezel to the desired pressure.



Pressure Gauge Bezel

5. Push the tire compressor power switch to turn compressor on. When the desired pressure is reached, the compressor will automatically shut off.

ON/OFF Power Switch

6. Periodically, move the inflate/deflate valve knob on the air hose to the “CLOSE” position and observe the gauge pressure. Open the valve and continue, if needed, until the desired pressure is reached.
7. If pressure adjustment is needed, turn the adjustable pressure gauge bezel to the desired pressure and restart the compressor.
8. When changing to next tire, make sure that the valve knob is in “CLOSE” position, unscrew the valve stem connector and move to next hose.
9. When inflating is finished, simply disconnect the air compressor hose from the tire valve stem and carefully place back in the storage bin. Be sure the compressor is off.

NOTE:
The compressor has a temperature protection feature. If the compressor cuts off after extended use, or in hot conditions, simply allow it time to cool down and restart.

WARNING!

The compressor gets hot during use, to avoid injury take care when handling the hose quick connector after use.

Using The Integrated Tire Compressor For Deflating:

1. Uncoil the compressor air hose and then remove the cap from the fitting at the end of the hose.
2. Ensure the inflate/deflate valve knob on the air hose is in the “OPEN” position, so the air escapes through the valve.
3. Remove the cap from the tire valve stem and then screw the fitting at the end of the compressor air hose onto the tire valve stem (*be careful not to cross thread*).
4. Push the tire compressor power switch to turn compressor on. During deflation, the pressure gauge will show close to zero as the air is escaping.
5. Periodically, move the inflate/deflate valve knob on the air hose to the “CLOSE” position and observe the gauge pressure. Open the valve and continue, if needed, until the desired pressure is reached.
6. If additional pressure is needed after deflation, turn the adjustable pressure gauge bezel to the desired pressure and restart the compressor.
7. When deflating is finished, simply disconnect the compressor air hose from the tire valve stem and carefully place back in the storage bin. Be sure the compressor is off.

WARNING!

- Tire deflation should be used for off road purposes only and not for city or highway driving ⇨ page 304.
- Improperly inflated tires are dangerous and can cause collisions.
- Underinflation increases tire flexing and can result in overheating and tire failure.
- Reduced tire pressures may cause tire unseating and total loss of air pressure. To reduce the risk of tire unseating, while at a reduced tire pressure, reduce your speed and avoid sharp turns or abrupt maneuvers.
- Follow the inflation instructions to the factory recommended pressures before returning to driving your vehicle on the road.

JUMP STARTING

If your vehicle has a discharged battery, it can be jump started using a set of jumper cables and a battery in another vehicle, or by using a portable battery booster pack. Jump starting can be dangerous if done improperly, so please follow the procedures in this section carefully.

WARNING!

Do not attempt jump starting if the battery is frozen. It could rupture or explode and cause personal injury.

CAUTION!

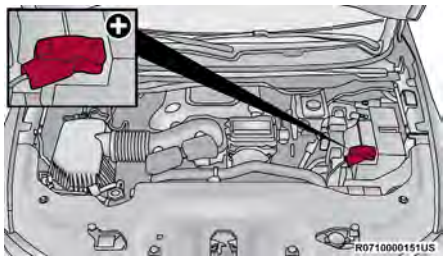
Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.

NOTE:

When using a portable battery booster pack, follow the manufacturer's operating instructions and precautions.

PREPARATIONS FOR JUMP START

The battery in your vehicle is located in the front of the engine compartment, behind the left headlight assembly.



Positive (+) Jump Starting Post

NOTE:

The positive (+) battery post may be covered with a protective cap. Lift up on the cap to gain access to the positive battery post. Do not jump off fuses. Only jump directly off positive post which has a positive (+) symbol on or around the post.

See the following steps to prepare for jump starting:

1. Apply the parking brake, shift the automatic transmission into PARK (P) and turn the ignition OFF.
2. Turn off the heater, radio, and all electrical accessories.
3. If using another vehicle to jump start the battery, park the vehicle within the jumper cables' reach, apply the parking brake and make sure the ignition is OFF.

WARNING!

Do not allow vehicles to touch each other as this could establish a ground connection and personal injury could result.

NOTE:
Be sure that the disconnected cable ends do not touch each other, or either vehicle, until properly connected for jump starting.

WARNING!

- Take care to avoid the radiator cooling fan whenever the hood is raised. It can start anytime the ignition switch is ON. You can be injured by moving fan blades.
- Remove any metal jewelry such as rings, watch bands and bracelets that could make an inadvertent electrical contact. You could be seriously injured.

(Continued)

WARNING!

- Batteries contain sulfuric acid that can burn your skin or eyes and generate hydrogen gas which is flammable and explosive. Keep open flames or sparks away from the battery.

JUMP STARTING PROCEDURE

WARNING!

Failure to follow this jump starting procedure could result in personal injury or property damage due to battery explosion.

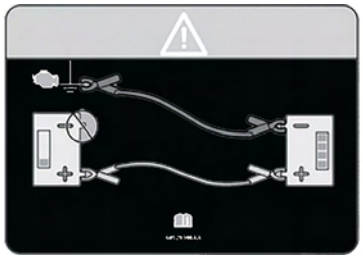
CAUTION!

Failure to follow these procedures could result in damage to the charging system of the booster vehicle or the discharged vehicle.

NOTE:
Make sure at all times that unused ends of jumper cables are not contacting each other or either vehicle while making connections.

Connecting The Jumper Cables

1. Connect the positive (+) end of the jumper cable to the positive (+) post of the discharged vehicle.
2. Connect the opposite end of the positive (+) jumper cable to the positive (+) post of the booster battery.
3. Connect the negative (-) end of the jumper cable to the negative (-) post of the booster battery.
4. Connect the opposite end of the negative (-) jumper cable to a good engine ground. A "ground" is an exposed metallic/unpainted part of the engine, frame or chassis, such as an accessory bracket or large bolt. The ground must be away from the battery and the fuel injection system.



Jump Starting Label

WARNING!

Do not connect the jumper cable to the negative (-) post of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury.

5. Start the engine in the vehicle that has the booster battery, let the engine idle a few minutes, and then start the engine in the vehicle with the discharged battery.

CAUTION!

Do not run the booster vehicle engine above 2,000 RPM since it provides no charging benefit, wastes fuel, and can damage booster vehicle engine.

6. Once the engine is started, see the following disconnecting procedure.

Disconnecting The Jumper Cables

1. Disconnect the negative (-) end of the jumper cable from the engine ground of the vehicle with the discharged battery.
2. Disconnect the opposite end of the negative (-) jumper cable from the negative (-) post of the booster battery.
3. Disconnect the positive (+) end of the jumper cable from the positive (+) post of the booster battery.
4. Disconnect the opposite end of the positive (+) jumper cable from the positive (+) post of the discharged vehicle.
5. Reinstall the protective cover over the positive (+) post of the discharged vehicle.

If frequent jump starting is required to start your vehicle have the battery and charging system tested at an authorized dealer.

CAUTION!

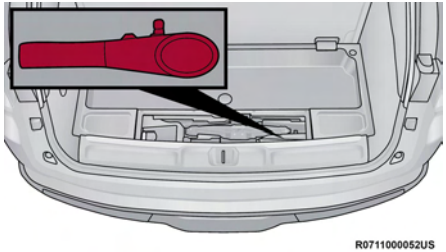
Accessories plugged into the vehicle power outlets draw power from the vehicle's battery, even when not in use (i.e., cellular devices, etc.). Eventually, if plugged in long enough without engine operation, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.

REFUELING IN EMERGENCY

The vehicle is equipped with a refueling funnel for a capless fuel system, which is located with the jack and tools ⇨ page 258. If emergency refueling is necessary, use an approved gas can and insert the refueling funnel into the filler neck opening.

NOTE:

In certain cold conditions, ice may prevent the fuel door from opening. If this occurs, lightly push around the perimeter of the fuel door to break the ice buildup and re-release the fuel door by pushing on the rear outer edge near the center to unlatch. Do not pry on the door.



Refueling Funnel Location

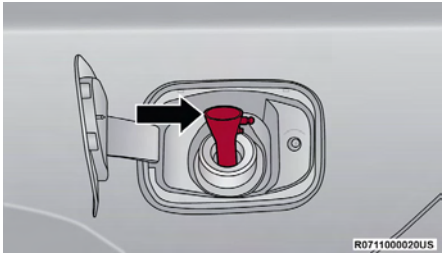
CAUTION!

To avoid fuel spillage and overfilling, do not "top off" the fuel tank after filling.

Emergency Gas Can Refueling

Most gas cans will not open the flapper doors. A funnel is provided to allow emergency refueling with a gas can. See the following steps for refueling:

1. Retrieve funnel from the rear cargo storage area.
2. Insert funnel into the fuel filler pipe opening.



Inserting Funnel

3. Ensure funnel is inserted fully to hold flapper doors open.
4. Pour fuel into funnel opening.
5. Remove funnel from filler pipe, clean off prior to putting back in the spare tire storage area.

WARNING!

- Never have any smoking materials lit in or near the vehicle when the fuel door is open or the tank is being filled.
- Never add fuel when the engine is running. This is in violation of most countries regulations and may cause the Malfunction Indicator Light to turn on.
- A fire may result if fuel is pumped into a portable container that is inside of a vehicle. You could be burned. Always place fuel containers on the ground while filling.

IF YOUR ENGINE OVERHEATS

If the vehicle is overheating, it will need to be serviced by an authorized dealer.

Potential signs of vehicle overheating can be:

- Temperature gauge is at HOT (H)
- Strong smell of coolant
- White smoke coming from engine or exhaust
- Coolant bottle coolant has bubbles present

WARNING!

You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never try to open a cooling system pressure cap when the radiator or coolant bottle is hot.

If the temperature gauge is moving towards or close to the HOT (H) position, the following actions will reduce the potential for overheating.

- On highways — slow down.
- In city traffic — while stopped, place the transmission in NEUTRAL (N), but do not increase the engine idle speed while preventing vehicle motion with the brakes.
- Turn off the A/C. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.
- Turn the temperature control to maximum heat, the mode control to floor and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.

CAUTION!

Driving with a hot cooling system could damage your vehicle. If the temperature gauge reads HOT (H), as soon as it's safe, pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on HOT (H), and you hear continuous chimes, turn the engine off immediately and call for service.

MANUAL PARK RELEASE

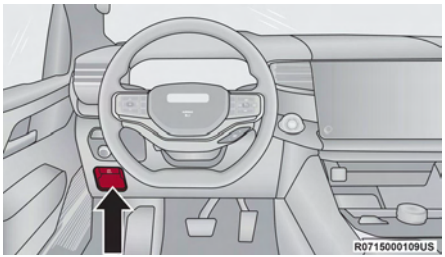
WARNING!

You should be seated in the driver's seat with your foot firmly placed on the brake pedal to maintain control of the vehicle before activating the Manual Park Release. If possible, you should apply the parking brake. Activating the Manual Park Release will allow your vehicle to roll away if it is not secured or properly connected to a tow vehicle. Activating the Manual Park Release on an unsecured vehicle could lead to serious injury or death for those in or around the vehicle.

To move the vehicle in cases where the transmission will not shift out of PARK (P) (such as a depleted battery), a Manual Park Release is available.

Follow These Steps To Activate The Manual Park Release:

1. Apply firm pressure to the brake pedal while seated in the driver's seat.
2. Apply the Electric Park Brake (EPB), if possible.

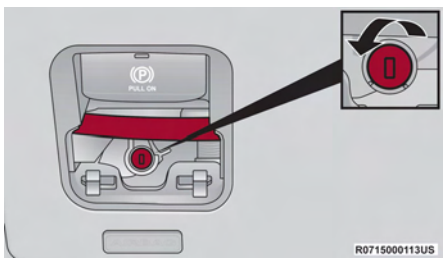


Manual Park Release Location

3. Using a flathead screwdriver or similar tool, remove the Manual Park Release access cover, which is to the lower left of the steering column, below the EPB switch.

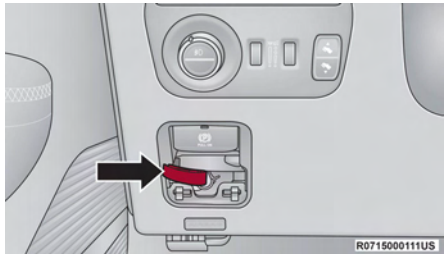
Access Cover

4. To unlock handle, insert a flathead screwdriver or similar tool into the lock release, rotate a quarter turn counterclockwise and hold simultaneously pulling on the tether strap.



Lock Release

5. Pull the tether strap out as far as it will go, then release it. The transmission should now be in NEUTRAL (N), allowing the vehicle to be moved.

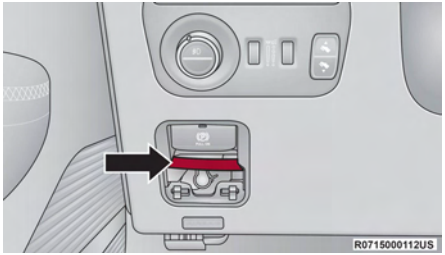


Tether Strap

6. Release the EPB only when the vehicle is securely connected to a tow vehicle.

To Reset The Manual Park Release:

1. Apply firm pressure to the brake pedal while seated in the driver's seat.
2. Pull the tether strap out again, then release it.
3. Allow the tether to retract with the lever back to its original position.
4. Verify that the transmission is in PARK (P).
5. Confirm that the tether has retracted fully and reinstall the access cover. If the access cover cannot be reinstalled, repeat steps 1 through 4.



Tether Reinstalled

NOTE:
When the lever is locked in the released position, the tether will remain outside of the trim panel and the access cover cannot be reinstalled.

FREEING A STUCK VEHICLE

If your vehicle becomes stuck in mud, sand or snow, it can often be moved using a rocking motion. Turn the steering wheel right and left to clear the area around the front wheels. Push and hold the lock button on the gear selector. Then, shift back and forth between DRIVE (D) and REVERSE (R) while gently pressing the accelerator.

NOTE:
Shifts between DRIVE (D) and REVERSE (R) can only be achieved at wheel speeds of 5 mph (8 km/h) or less. Whenever the transmission remains in NEUTRAL (N) for more than two seconds, you must press the brake pedal to engage DRIVE (D) or REVERSE (R).

Use the least amount of accelerator pedal pressure that will maintain the rocking motion without spinning the wheels or racing the engine.

NOTE:
Push the ESC OFF button to place the Electronic Stability Control (ESC) system in “Partial OFF” mode, before rocking the vehicle. Once the vehicle has been freed, push the ESC OFF button again to restore “ESC On” mode.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause damage, or even failure, of the axle and tires. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping when you are stuck and do not let anyone near a spinning wheel, no matter what the speed.

CAUTION!

- Racing the engine or spinning the wheels may lead to transmission overheating and failure. Allow the engine to idle with the transmission in NEUTRAL for at least one minute after every five rocking-motion cycles. This will minimize overheating and reduce the risk of transmission failure during prolonged efforts to free a stuck vehicle.
- When “rocking” a stuck vehicle by shifting between DRIVE and REVERSE, do not spin the wheels faster than 15 mph (24 km/h), or drivetrain damage may result.

(Continued)

CAUTION!

- Revving the engine or spinning the wheels too fast may lead to transmission overheating and failure. It can also damage the tires. Do not spin the wheels above 30 mph (48 km/h) while in gear (no transmission shifting occurring).

TOWING A DISABLED VEHICLE

This section describes procedures for towing a disabled vehicle using a commercial towing service.

If the transmission and drivetrain are operable, disabled 4x4 vehicles may also be towed as described on ⇨ page 163.

Towing Condition	Wheels OFF The Ground	Rear-Wheel Drive Models	Four-Wheel Drive Models With Single-Speed Transfer Case	Four-Wheel Drive Models With Two-Speed Transfer Case
Flat Tow	NONE	**NOT ALLOWED**	**NOT ALLOWED**	**Detailed Instructions ⇨ page 163** • Transmission in PARK • Transfer case in N (Neutral) • Tow in forward direction • Disconnect negative battery cable
Wheel Lift Or Dolly Tow	Front	**NOT ALLOWED**	**NOT ALLOWED**	**NOT ALLOWED**
	Rear	OK	**NOT ALLOWED**	**NOT ALLOWED**
Flatbed	**ALL**	**BEST METHOD**	**OK**	**BEST METHOD**

Proper towing or lifting equipment is required to prevent damage to your vehicle. Use only tow bars and other equipment designed for this purpose, following equipment manufacturer's instructions. Use of safety chains is mandatory. Attach a tow bar or other towing device to main structural members of the vehicle, not to fascia/bumpers or associated brackets. State and local laws regarding vehicles under tow must be observed.

NOTE:

Vehicle's equipped with air suspension, must have Tire Jack or Transport Mode ⇨ page 183 enabled to prevent air suspension movement during towing.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN mode.

If the vehicle's battery is discharged, instructions on shifting the automatic transmission out of PARK (P) in order to move the vehicle ⇨ page 268.

CAUTION!

- Do not use sling type equipment when towing. Vehicle damage may occur.
- When securing the vehicle to a flatbed truck, always secure by tire/wheel straps. Do not attach to front or rear suspension components, body or frame. Damage to your vehicle will result from improper towing.

REAR-WHEEL DRIVE MODELS

FCA recommends towing your vehicle with all four wheels **OFF** the ground using a flatbed.

If flatbed equipment is not available, and the transmission is operable, the vehicle may be towed (with rear wheels off the ground) under the following conditions:

- The transmission must be in NEUTRAL (N). For instructions on shifting the transmission to NEUTRAL (N) when the engine is off ⇨ page 268.
- The towing speed must not exceed 30 mph (48 km/h).
- The towing distance must not exceed 30 miles (48 km).

CAUTION!

- Towing faster than 30 mph (48 km/h) or farther than 30 miles (48 km) with rear wheels on the ground can cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

If the transmission is not operable, or the vehicle must be towed faster than 30 mph (48 km/h) or farther than 30 miles (48 km), tow with the rear wheels **OFF** the ground. Acceptable methods are to tow the vehicle on a flatbed, or with the front wheels raised and the rear wheels on a towing dolly, or (when using a suitable steering wheel stabilizer to hold the front wheels in the straight position) with the rear wheels raised and the front wheels **ON** the ground.

FOUR-WHEEL DRIVE MODELS

FCA recommends towing with all wheels **OFF** the ground. Acceptable methods are to tow the vehicle on a flatbed or with one end of the vehicle raised and the opposite end on a towing dolly.

If flatbed equipment is not available, and the transfer case is operable, vehicles **with a two-speed transfer case** may be towed (in the forward direction, with **ALL** wheels on the ground), **IF** the transfer case is in NEUTRAL (N) and the transmission is in **PARK** ⇨ page 163.

Vehicles equipped with a single-speed transfer case have no NEUTRAL (N) position, and therefore **must** be towed will all four wheels **OFF** the ground.

CAUTION!

- Front or rear wheel lifts must not be used (if the remaining wheels are on the ground). Internal damage to the transmission or transfer case will occur if a front or rear wheel lift is used when towing.
- Towing this vehicle in violation of the approved requirements can cause severe transmission and/or transfer case damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

EMERGENCY TOW HOOKS — IF EQUIPPED

Your vehicle may be equipped with front and rear recovery tow hooks. The front tow hooks will be located in the lower fascia/bumper. The rear tow hook is removable and is located within the jack and tools storage bin under the load floor of the rear cargo area ⇨ page 258.

Emergency Front Tow Hooks

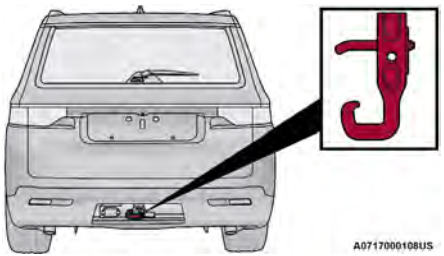
NOTE:

For off road recovery, it is recommended to use both of the front tow hooks to minimize the risk of damage to the vehicle.

WARNING!

- Do not use a chain for freeing a stuck vehicle. Chains may break, causing serious injury or death.
- Stand clear of vehicles when pulling with tow hooks. Tow straps may become disengaged, causing serious injury.

The removable rear tow hook is designed to be used in the receiver hitch as a recovery option. For rear tow hook usage, remove the locking pin, place the rear tow hook into the receiver hitch in any direction and replace the locking pin.



Removable Rear Tow Hook

CAUTION!
Tow hooks are for emergency use only, to rescue a vehicle stranded off road. Do not use tow hooks for tow truck hookup or highway towing. You could damage your vehicle.

ENHANCED ACCIDENT RESPONSE SYSTEM (EARS)

This vehicle is equipped with an Enhanced Accident Response System.

This feature is a communication network that takes effect in the event of an impact. Detailed information can be found on ⇨ page 240.

EVENT DATA RECORDER (EDR)

This vehicle is equipped with an Event Data Recorder (EDR). The main purpose of an EDR is to record data that will assist in understanding how a vehicle's systems performed under certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle. Detailed information can be found on ⇨ page 241.

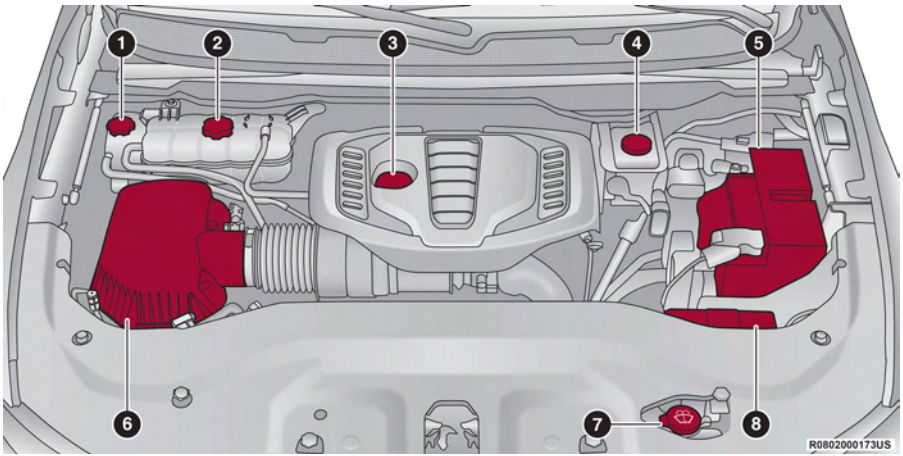
SERVICING AND MAINTENANCE

SCHEDULED SERVICING

Refer to the “Service And Warranty Handbook (Auto Biography)” for scheduled servicing.

ENGINE COMPARTMENT

3.0L ENGINE



1 — Intercooler Coolant Pressure Cap
2 — Engine Coolant Pressure Cap
3 — Engine Oil Fill Cap
4 — Brake Fluid Reservoir Cap
5 — Battery
6 — Engine Air Cleaner, Filter
7 — Washer Fluid Reservoir Cap
8 — Power Distribution Center (Fuses)

CHECKING OIL LEVEL — 3.0L ENGINES

The 3.0L engine does not have a traditional “dipstick” and there is no need to manually check the oil level. If it is desired to check engine oil level, it can be seen on the instrument cluster display by navigating to the appropriate screen under “Vehicle Info”. Use the **up** △ or **down** ▽ arrow buttons within the steering wheel controls to find the “Vehicle Info” menu. Then use the **right** ▷ or **left** ◁ arrow buttons until you reach the “Oil Level” submenu.

There is a bar on the gauge which shows the oil level. As long as the oil level is between the minimum and the maximum it is safe to operate the vehicle. If the oil level is either too high or too low, a red bar will be illuminated.

When the engine is in need of more oil, the Oil Level Warning Light will illuminate. This warning will appear for five seconds. Within the next 300 miles (500 km) you should add 1 quart of manufacturer specified motor oil to the engine ⇨ page 316.

Oil Level Critically Low (Add 2 Quarts)	
Oil Level Low (Add 1 Quart)	
Oil Level Ok	
Oil Level Critically High	

This light will reappear every time the engine is started until a safe level is detected. Continuing to operate the vehicle without adding oil may result in a critically low oil level and possible engine damage (see the following Caution regarding Critically Low).

NOTE:

Use care when filling under hood fluids such as engine oil, washer fluid, antifreeze, etc. to minimize spillage onto top of engine. Any excess fluid that is spilled onto the top of the engine should be removed using compressed air or an absorbent cloth.

Oil Level Display - How To Refresh

In vehicles equipped with the 3.0L engine, the oil level is automatically monitored when the vehicle is parked on a level surface, the oil is warm and the engine has been off four minutes. To refresh the oil level display (after a quart of the correct oil has been added), follow this process:

- Run the engine until the oil temperature is above 120°F (49°C).
- Park the vehicle on relatively level ground.
- Turn the engine off and cycle the ignition back to the RUN position. Wait four minutes with the engine off, and the ignition in the RUN position.
- Start the engine and the new oil level will be available in the Vehicle Info menu (accessible via the navigation buttons on the steering wheel).

NOTE:

- If there has not been a notable change in the oil level since the previous reading, there may not be any notification or change in the display after the system has taken another reading.
- The oil level system takes measurements only while the engine is off, has warm oil, and the vehicle is parked on reasonably level ground. In order to get a consistent oil level reading the ignition must be in the RUN position for four minutes, however the system may occasionally take readings with the key OFF during normal usage.
- If you have added a quart of oil and the indicator is not reading 3/4 or full, please contact an authorized dealer for service.

WARNING!
Be aware the oil cap may be hot. Please use suitable gloves. WARNING: risk of burns!

CAUTION!
Do not to add too much oil. Overfilling the oil may damage the engine.

NOTE:

- After adding oil to the engine, always reinstall the oil cap securely by rotating clockwise until it stops. Never run the engine without the oil fill cap as this could cause an oil leak.
- Because the oil level is automatically detected only when the engine has been off and restarted (after four minutes), the system cannot immediately detect a sudden drop in oil level while driving (for example, if the oil pan starts to leak due to damage during an off-road event).

CAUTION!

If the “Critically Low or Critically High” Oil Level Warning Light is illuminated, the following steps should be taken:

- Critically Low: add two quarts of manufacturer specified oil as soon as possible ⇨ page 316. Continuing to operate the vehicle with “Critically Low” oil level may damage the engine.
- Critically High: contact an authorized dealer for service. Continuing to operate the vehicle with “Critically High” oil level may damage the engine.

Do not use any oils that are not manufacturer specified and API approved.

Used engine oil and oil filters contain substances which are harmful to the environment. When oil and filters are changed contact an authorized dealer and dispose of in a safe and responsible manner.

ADDING WASHER FLUID

The instrument cluster display will indicate when the washer fluid level is low. When the sensor detects a low fluid level, the Low Washer Fluid Warning Light will turn on and the "Washer Fluid Low" message will be displayed.

The fluid reservoir for the windshield washers and the rear window washer is shared. The fluid reservoir is located in the engine compartment, be sure to check the fluid level at regular intervals. Fill the reservoir with windshield washer solvent only (not radiator antifreeze). When refilling the washer fluid reservoir, take some washer fluid and apply it to a cloth or towel and wipe clean the wiper blades, this will help blade performance. To prevent freeze-up of your windshield washer system in cold weather, select a solution or mixture that meets or exceeds the temperature range of your climate. This rating information can be found on most washer fluid containers.

NOTE:

Use care when filling under hood fluids such as engine oil, washer fluid, antifreeze, etc. to minimize spillage onto top of engine. Any excess fluid that is spilled onto the top of the engine should be removed using compressed air or an absorbent cloth.

WARNING!

Commercially available windshield washer solvents are flammable. They could ignite and burn you. Care must be exercised when filling or working around the washer solution.

MAINTENANCE-FREE BATTERY

Your vehicle is equipped with a maintenance-free battery. Water will never have to be added, and periodic maintenance is not required.

WARNING!

- Battery fluid is a corrosive acid solution and can burn or even blind you. Do not allow battery fluid to contact your eyes, skin, or clothing. Do not lean over a battery when attaching clamps. If acid splashes in eyes or on skin, flush the area immediately with large amounts of water. Refer to Jump Starting Procedure ⇨ page 266.
- Battery gas is flammable and explosive. Keep flame or sparks away from the battery. Do not use a booster battery or any other booster source with an output greater than 12 Volts. Do not allow cable clamps to touch each other.
- Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

CAUTION!

- It is essential when replacing the cables on the battery that the positive cable is attached to the positive post and the negative cable is attached to the negative post. Battery posts are marked positive (+) and negative (-) and are identified on the battery case. Cable clamps should be tight on the terminal posts and free of corrosion.

(Continued)

CAUTION!

- If a “fast charger” is used while the battery is in the vehicle, disconnect both vehicle battery cables before connecting the charger to the battery. Do not use a “fast charger” to provide starting voltage.

PRESSURE WASHING

Cleaning the engine compartment with a high pressure washer is not recommended.

CAUTION!

Precautions have been taken to safeguard all parts and connections however, the pressures generated by these machines is such that complete protection against water ingress cannot be guaranteed.

DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES

The following tire grading categories were established by the National Highway Traffic Safety Administration. The specific grade rating assigned by the tire's manufacturer in each category is shown on the sidewall of the tires on your vehicle.

All passenger vehicle tires must conform to Federal safety requirements in addition to these grades.

TREADWEAR

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

TRACTION GRADES

The Traction grades, from highest to lowest, are AA, A, B, and C. These grades represent the tire's ability to stop on wet pavement, as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING!

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

TEMPERATURE GRADES

WARNING!

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

VEHICLE MAINTENANCE

An authorized dealer has the qualified service personnel, special tools, and equipment to perform all service operations in an expert manner. Service Manuals are

available which include detailed service information for your vehicle. Refer to these Service Manuals before attempting any procedure yourself.

NOTE:

Intentional tampering with emissions control systems may void your warranty and could result in civil penalties being assessed against you.

WARNING!
You can be badly injured working on or around a motor vehicle. Only do service work for which you have the knowledge and the proper equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

ENGINE OIL

Engine Oil Selection

Use only the manufacturer's recommended fluids ⇨ page 316.

American Petroleum Institute (API) Approved Engine Oil

These symbols mean that the oil has been certified by the API. The manufacturer only recommends API trademark oils.

The API Starburst trademark certifies 0W-20, 0W-30 and 5W-30 engine oils.

The API Donut trademark certifies 0W-40 and 5W-40 engine oil.

CAUTION!
Do not use chemical flushes in your engine oil as the chemicals can damage your engine. Such damage is not covered by the New Vehicle Limited Warranty.

Synthetic Engine Oils

Your engine was designed for synthetic engine oils, only use synthetic API approved engine oils.

Synthetic engine oils which do not have both the correct API trademark and the correct SAE viscosity grade numbers should not be used.

Materials Added To Engine Oil

The manufacturer strongly recommends against the addition of any additives (other than leak detection dyes) to the engine oil. Engine oil is an engineered product and its performance may be impaired by supplemental additives.

Disposing Of Used Engine Oil And Oil Filters

Care should be taken in disposing of used engine oil and oil filters from your vehicle. Used oil and oil filters, indiscriminately discarded, can present a problem to the environment. Contact an authorized dealer, service station or governmental agency for advice on how and where used oil and oil filters can be safely discarded in your area.

ENGINE OIL FILTER

The engine oil filter should be replaced with a new filter at every engine oil change.

Engine Oil Filter Selection

A full-flow type disposable oil filter should be used for replacement. The quality of replacement filters varies considerably. We recommend using a Mopar® Engine Oil Filter. If a Mopar® Engine Oil Filter is unavailable, only use filters that meet or exceed SAE/USCAR-36 Filter Performance Requirements.

ENGINE AIR CLEANER FILTER

Refer to the “Service and Warranty Handbook (Auto Biography)” for the proper maintenance intervals.

WARNING!
The air induction system (air cleaner, hoses, etc.) can provide a measure of protection in the case of engine backfire. Do not remove the air induction system (air cleaner, hoses, etc.) unless such removal is necessary for repair or maintenance. Make sure that no one is near the engine compartment before starting the vehicle with the air induction system (air cleaner, hoses, etc.) removed. Failure to do so can result in serious personal injury.

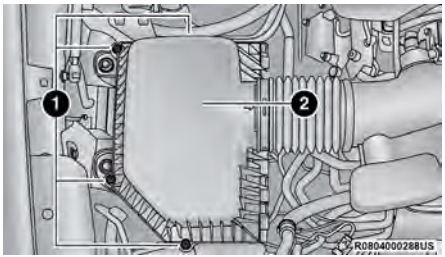
Engine Air Cleaner Filter Selection

The quality of replacement engine air cleaner filters varies considerably. Only high quality Mopar® filters should be used.

Engine Air Cleaner Filter Inspection and Replacement

Engine Air Cleaner Filter Removal

1. With suitable tool fully loosen fasteners on the engine air cleaner filter cover.
2. Lift the engine air cleaner filter cover on the outside edge and push inboard to detach hinge to access the engine air cleaner filter.



Engine Air Cleaner Filter Cover

1 — Fasteners
2 — Engine Air Cleaner Filter Cover

3. Remove the engine air cleaner filter from the housing assembly.

Engine Air Cleaner Filter Installation

NOTE:

Inspect and clean the housing if significant dirt or debris is present before replacing the engine air cleaner filter.

1. Install the engine air cleaner filter into the housing assembly with the engine air cleaner filter inspection surface facing downward.
2. Install the engine air cleaner filter cover onto the housing assembly locating tabs.
3. Tighten the fasteners on the engine air cleaner filter assembly.

CAUTION!

Do not overtighten the engine air cleaner filter cover lid screws or damage may result.

AIR CONDITIONER MAINTENANCE

For best possible performance, your air conditioner should be checked and serviced by an authorized dealer at the start of each warm season. This service should include cleaning of the condenser fins and a performance test. Drive belt tension should also be checked at this time.

WARNING!

- Use only refrigerants and compressor lubricants approved by the manufacturer for your air conditioning system. Some unapproved refrigerants are flammable and can explode, injuring you. Other unapproved refrigerants or lubricants can cause the system to fail, requiring costly repairs. Refer to Warranty Information Book, for further warranty information.

(Continued)

WARNING!

- The air conditioning system contains refrigerant under high pressure. To avoid risk of personal injury or damage to the system, adding refrigerant or any repair requiring lines to be disconnected should be done by an experienced technician.

CAUTION!

Do not use chemical flushes in your air conditioning system as the chemicals can damage your air conditioning components. Such damage is not covered by the New Vehicle Limited Warranty.

Refrigerant Recovery And Recycling R-134a

R-134a Air Conditioning Refrigerant is a hydrofluorocarbon (HFC) that is an ozone-friendly substance. The manufacturer recommends that air conditioning service be performed by an authorized dealer or other service facilities using recovery and recycling equipment.

NOTE:

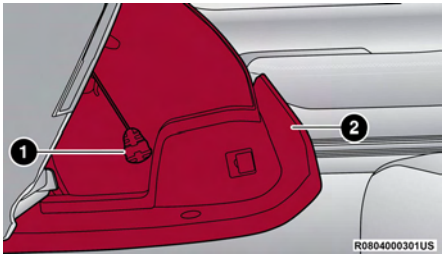
Use only manufacturer approved A/C system Polyalkylene Glycol (PAG) compressor oil and refrigerants.

Cabin Air Filter Replacement

The cabin air filter is located in the fresh air inlet behind the glove compartment. Perform the following procedure to replace the filter:

1. Open the glove compartment and remove all contents.

2. With the glove compartment door open, remove the glove compartment tension tether and tether clip by sliding the clip toward the face of the glove compartment door. Lift the clip out of glove compartment door and release into dash panel.



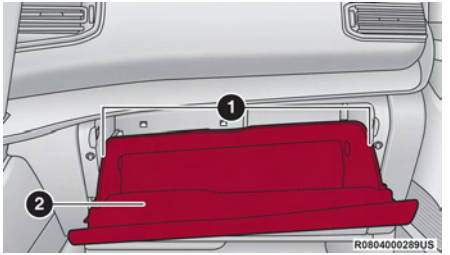
Left Side Of Glove Compartment

1 — Tension Tether
2 — Glove Compartment Door

3. Pull the right hand side of the glove compartment door toward the rear of the vehicle to disengage the glove compartment door from its hinges.

   NOTE:
   When disengaging the glove compartment door from its hinges, there will be some resistance.

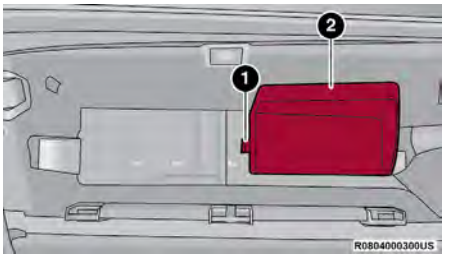
4. There are glove compartment travel stops on both sides of the glove compartment door, angle the glove compartment in order to allow each side travel stop to release the glove compartment from the dash panel.



Glove Compartment

1 — Glove Compartment Travel Stops
2 — Glove Compartment Door

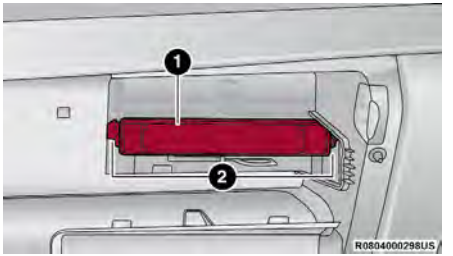
5. Pull out on the access door release tab and then pull down from the top to remove the cabin air filter access door from the vehicle.



Cabin Air Filter Access Door

1 — Access Door Release Tab
2 — Cabin Air Filter Access Door

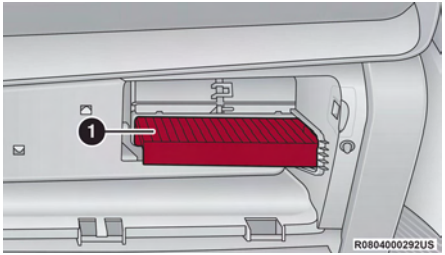
6. Push the outside retaining tabs towards the cabin air filter cover to release the cover from the HVAC housing.



Cabin Air Filter Cover

1 — Cabin Air Filter Cover
2 — Retaining Tabs

7. Remove the cabin air filter by pulling it straight out of the housing.



Cabin Air Filter

1 — Cabin Air Filter

8. Install the cabin air filter with the arrow on the filter pointing toward the floor. When installing the filter cover, make sure the retaining tabs fully engage into the HVAC housing.

CAUTION!

The cabin air filter is identified with an arrow to indicate airflow direction through the filter. Failure to properly install the filter will result in the need to replace it more often.

9. Align the lower tabs on the access panel and then push the top in to lock it securely back into the dash panel.
10. Angle the door to get the glove compartment travel stops back inside the dash panel.
11. Reinstall the glove compartment door on the door hinge.
12. Reattach the glove compartment tension tether by inserting the tether clip in the glove compartment and sliding the clip away from the face of the glove compartment door.

NOTE:

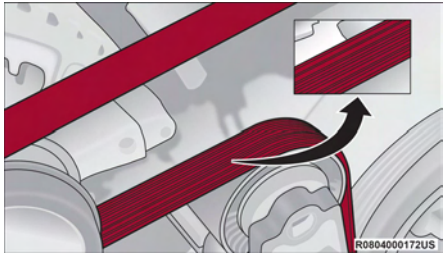
Ensure the glove compartment door hinges and glove compartment travel stops are fully engaged.

ACCESSORY DRIVE BELT INSPECTION

WARNING!

- Do not attempt to inspect an accessory drive belt with the vehicle running.
- When working near the radiator cooling fan, disconnect the fan motor lead. The fan is temperature controlled and can start at any time regardless of ignition mode. You could be injured by the moving fan blades.
- You can be badly injured working on or around a motor vehicle. Only do service work for which you have the knowledge and the proper equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

When inspecting accessory drive belts, small cracks that run across ribbed surface of belt from rib to rib, are considered normal. These are not a reason to replace the belt. However, cracks running along a rib (not across) are not normal. Any belt with cracks running along a rib must be replaced. Also have the belt replaced if it has excessive wear, frayed cords or severe glazing.



Accessory Belt (Serpentine Belt)

Conditions that would require replacement:

- Rib chunking (one or more ribs has separated from belt body)
- Rib or belt wear
- Longitudinal belt cracking (cracks between two ribs)
- Belt slips
- Groove jumping (belt does not maintain correct position on pulley)
- Belt broken (identify and correct problem before new belt is installed)
- Noise (objectionable squeal, squeak, or rumble is heard or felt while drive belt is in operation)

Some conditions can be caused by a faulty component such as a belt pulley. Belt pulleys should be carefully inspected for damage and proper alignment.

Belt replacement on some models requires the use of special tools, we recommend having your vehicle serviced at an authorized dealer.

BODY LUBRICATION

Locks and all body pivot points, including such items as seat tracks, door hinge pivot points and rollers, liftgate, tailgate, decklid, sliding doors and hood hinges, should be lubricated periodically with a lithium-based grease, such as Mopar® Spray White Lube to ensure quiet, easy operation and to protect against rust and wear. Prior to the application of any lubricant, the parts concerned should be wiped clean to remove dust and grit; after lubricating excess oil and grease should be removed. Particular attention should also be given to hood latching components to ensure proper function. When performing other underhood services, the hood latch, release mechanism and safety catch should be cleaned and lubricated.

The external lock cylinders should be lubricated twice a year, preferably in the Autumn and Spring. Apply a small amount of a high quality lubricant, such as Mopar® Lock Cylinder Lubricant directly into the lock cylinder.

WINDSHIELD WIPER BLADES

Clean the rubber edges of the wiper blades and the windshield periodically with a sponge or soft cloth and a mild nonabrasive cleaner. This will remove accumulations of salt or road film.

Operation of the wipers on dry glass for long periods may cause deterioration of the wiper blades. Always use washer fluid when using the wipers to remove salt or dirt from a dry windshield.

Avoid using the wiper blades to remove frost or ice from the windshield. Keep the blade rubber out of contact with petroleum products such as engine oil, gasoline, etc.

NOTE:

Life expectancy of wiper blades varies depending on geographical area and frequency of use. Poor performance of blades may be present with chattering, marks, water lines or wet spots. If any of these conditions are present, clean the wiper blades or replace as necessary.

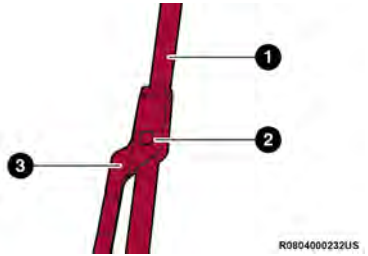
The wiper blades and wiper arms should be inspected periodically, not just when wiper performance problems are experienced. This inspection should include the following points:

- Wear or uneven edges
- Foreign material
- Hardening or cracking
- Deformation or fatigue

If a wiper blade or wiper arm is damaged, replace the affected wiper arm or blade with a new unit. Do not attempt to repair a wiper arm or blade that is damaged.

Front Wiper Blade Removal/Installation

1. Lift the front wiper arm upward to raise the wiper blade off of the windshield.
2. Push the release button on the arm of the wiper blade.
3. Push the wiper blade up and remove it.



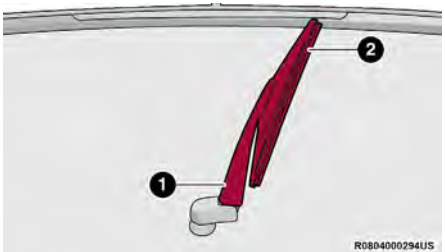
Wiper Arm And Blade

1 — Wiper Blade
2 — Release Button
3 — Wiper Arm

4. Install the wiper blade and firmly push the wiper blade until it snaps into place.

Rear Wiper Blade Removal/Installation

1. Lift the rear wiper arm fully off the glass.



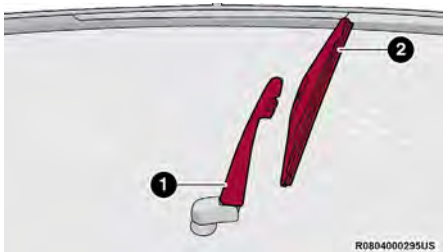
Wiper Blade In Folded Out Position

1 — Wiper Arm
2 — Wiper Blade

2. To remove the wiper blade from the wiper arm, grab the bottom end of the wiper blade nearest to wiper arm with your left hand. With your right hand, hold the wiper arm as you pull the wiper blade away from the wiper arm past its stop (far enough to unsnap the wiper blade pivot from the receptacle on the end of the wiper arm).

   NOTE:
   - Resistance will be accompanied by an audible snap.
   - The wiper arm does not stay in the service up position.

3. Still holding the bottom end of the wiper blade, move the wiper blade upward and away from the wiper arm to disengage.



Wiper Blade Removed From Wiper Arm

1 — Wiper Arm
2 — Wiper Blade

4. Gently lower the tip of the wiper arm onto the glass.

Installing The Rear Wiper

1. Lift the rear wiper arm fully off the glass.
2. Insert the wiper blade pivot pin into the opening on the end of the wiper arm. Grab the bottom end of the wiper arm with one hand, and press the wiper blade flush with the wiper arm until it snaps into place.
3. Lower the wiper blade onto the glass.

EXHAUST SYSTEM

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

If you notice a change in the sound of the exhaust system; or if exhaust fumes can be detected inside the vehicle; or when the underside or rear of the vehicle is damaged; have an authorized technician inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, have the exhaust system inspected each time the vehicle is raised for lubrication or oil changes. Replace as required.

WARNING!

- Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing CO ⇨ page 251.
- A hot exhaust system can start a fire if you park over materials that can burn. Such materials might be grass or leaves coming into contact with your exhaust system. Do not park or operate your vehicle in areas where your exhaust system can contact anything that can burn.

CAUTION!

- The catalytic converter requires the use of unleaded fuel only. Leaded gasoline will destroy the effectiveness of the catalyst as an emissions control device and may seriously reduce engine performance and cause serious damage to the engine.
- Damage to the catalytic converter can result if your vehicle is not kept in proper operating condition. In the event of engine malfunction, particularly involving engine misfire or other apparent loss of performance, have your vehicle serviced promptly. Continued operation of your vehicle with a severe

(Continued)

CAUTION!

malfunction could cause the converter to overheat, resulting in possible damage to the converter and vehicle.

Under normal operating conditions, the catalytic converter will not require maintenance. However, it is important to keep the engine properly tuned to ensure proper catalyst operation and prevent possible catalyst damage.

NOTE:

Intentional tampering with emissions control systems can result in civil penalties being assessed against you.

In unusual situations involving grossly malfunctioning engine operation, a scorching odor may suggest severe and abnormal catalyst overheating. If this occurs, stop the vehicle, turn off the engine and allow it to cool. Service, including a tune-up to manufacturer's specifications, should be obtained immediately.

To minimize the possibility of catalytic converter damage:

- Do not interrupt the ignition when the transmission is in gear and the vehicle is in motion.
- Do not try to start the vehicle by pushing or towing the vehicle.
- Do not idle the engine with any ignition components disconnected or removed, such as during diagnostic testing, or for prolonged periods during very rough idle or malfunctioning operating conditions.

COOLING SYSTEM

WARNING!

- You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never open a cooling system pressure cap when the radiator or coolant bottle is hot.
- Keep hands, tools, clothing, and jewelry away from the radiator cooling fan when the hood is raised. The fan starts automatically and may start at any time, whether the engine is running or not.
- When working near the radiator cooling fan, disconnect the fan motor lead or turn the ignition to the OFF position. The fan is temperature controlled and can start at any time the ignition is in the ON position.

Engine Coolant Checks

Check the engine coolant (antifreeze) protection every 12 months (before the onset of freezing weather, where applicable). If the engine coolant is dirty, the system should be drained, flushed, and refilled with fresh Organic Additive Technology (OAT) coolant (conforming to MS.90032) by an authorized dealer. Check the front of the A/C condenser for any accumulation of bugs, leaves, etc. If dirty, clean by gently spraying water from a garden hose vertically down the face of the condenser.

Check the engine cooling system hoses for brittle rubber, cracking, tears, cuts, and tightness of the connection at the coolant recovery bottle and radiator. Inspect the entire system for leaks. DO NOT REMOVE THE COOLANT PRESSURE CAP WHEN THE COOLING SYSTEM IS HOT.

Cooling System — Drain, Flush And Refill

NOTE:

Some vehicles require special tools to add coolant properly. Failure to fill these systems properly could lead to severe internal engine damage. If any coolant is needed to be added to the system please contact an authorized dealer.

If the engine coolant (antifreeze) is dirty or contains visible sediment, have an authorized dealer clean and flush with Organic Additive Technology (OAT) coolant (conforming to MS.90032).

Refer to the “Service And Warranty Handbook (Auto Biography)” for the proper maintenance intervals.

Selection Of Coolant

Refer to Engine Fluids And Lubricants ⇨ page 316.

NOTE:

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology (OAT) engine coolant, may result in engine damage and may decrease corrosion protection. OAT engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant or any “globally compatible” coolant. If a non-OAT engine coolant is introduced into the cooling system in an emergency, the cooling system will need to be drained, flushed, and refilled with fresh OAT coolant (conforming to MS.90032), by an authorized dealer as soon as possible.
- Do not use water alone or alcohol-based engine coolant products. Do not use additional rust inhibitors or antirust products, as they may not be compatible with the radiator engine coolant and may plug the radiator.

- This vehicle has not been designed for use with propylene glycol-based engine coolant. Use of propylene glycol-based engine coolant is not recommended.
- Some vehicles require special tools to add coolant properly. Failure to fill these systems properly could lead to severe internal engine damage. If any coolant is needed to be added to the system please contact an authorized dealer.

Adding Coolant

Your vehicle has been built with an improved engine coolant (OAT coolant conforming to MS.90032) that allows extended maintenance intervals. This engine coolant (antifreeze) can be used up to 10 years or 150,000 miles (240,000 km) before replacement. To prevent reducing this extended maintenance period, it is important to use the same engine coolant (OAT coolant conforming to MS.90032) throughout the life of your vehicle.

Please review these recommendations for using Organic Additive Technology (OAT) engine coolant that meets the requirements of the manufacturer Material Standard MS.90032. When adding engine coolant:

- We recommend using Mopar® Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT that meets the requirements of the manufacturer Material Standard MS.90032.
- Mix a minimum solution of 50% OAT engine coolant that meets the requirements of the manufacturer Material Standard MS.90032 and distilled water. Use higher concentrations (not to exceed 70%) if temperatures below −34°F (−37°C) are anticipated. Please contact an authorized dealer for assistance.
- Use only high purity water such as distilled or deionized water when mixing the water/engine coolant solution. The use of lower quality water will reduce the amount of corrosion protection in the engine cooling system.

NOTE:

- It is the owner's responsibility to maintain the proper level of protection against freezing according to the temperatures occurring in the area where the vehicle is operated.
- Use care when filling under hood fluids such as engine oil, washer fluid, antifreeze, etc. to minimize spillage onto top of engine. Any excess fluid that is spilled onto the top of the engine should be removed using compressed air or an absorbent cloth.
- Some vehicles require special tools to add coolant properly. Failure to fill these systems properly could lead to severe internal engine damage. If any coolant is needed to be added to the system, please contact a local authorized dealer.
- Mixing engine coolant types is not recommended and can result in cooling system damage. If HOAT and OAT coolant are mixed in an emergency, have an authorized dealer drain, flush, and refill with OAT coolant (conforming to MS.90032) as soon as possible.

Cooling System Pressure Cap

The cap must be fully tightened to prevent loss of engine coolant (antifreeze), and to ensure that engine coolant will return to the radiator from the coolant expansion bottle/recovery tank (if equipped).

The cap should be inspected and cleaned if there is any accumulation of foreign material on the sealing surfaces.

WARNING!

- Do not open a hot engine cooling system. Never add engine coolant (antifreeze) when the engine is overheated. Do not loosen or remove the cap to cool an overheated engine. Heat causes pressure to build up in the cooling system. To prevent scalding or injury, do not remove the pressure cap while the system is hot or under pressure.
- Do not use a pressure cap other than the one specified for your vehicle. Personal injury or engine damage may result.

Disposal Of Used Coolant

Used ethylene glycol-based coolant (antifreeze) is a regulated substance requiring proper disposal. Check with your local authorities to determine the disposal rules for your community. To prevent ingestion by animals or children, do not store ethylene glycol-based coolant in open containers or allow it to remain in puddles on the ground, clean up any ground spills immediately. If ingested by a child or pet, seek emergency assistance immediately.

Coolant Level

The coolant bottle provides a quick visual method for determining that the coolant level is adequate. With the engine off and cold, the level of the engine coolant (antifreeze) in the bottle should be between the ranges indicated on the bottle.

The radiator normally remains completely full, so there is no need to remove the radiator/coolant pressure cap unless checking for engine coolant freeze point or replacing coolant. Advise your service attendant of this. As long as the engine operating temperature is satisfactory, the coolant bottle need only be checked once a month.

When additional engine coolant is needed to maintain the proper level, only OAT coolant that meets the requirements of the manufacturer Material Standard MS.90032 should be added to the coolant bottle. Do not overfill.

Cooling System Notes

NOTE:

When the vehicle is stopped after a few miles/kilometers of operation, you may observe vapor coming from the front of the engine compartment. This is normally a result of moisture from rain, snow, or high humidity accumulating on the radiator and being vaporized when the thermostat opens, allowing hot engine coolant (antifreeze) to enter the radiator.

If an examination of your engine compartment shows no evidence of radiator or hose leaks, the vehicle may be safely driven. The vapor will soon dissipate.

- Do not overfill the coolant expansion bottle.
- Check the coolant freeze point in the radiator and in the coolant expansion bottle. If engine coolant needs to be added, the contents of the coolant expansion bottle must also be protected against freezing.
- If frequent engine coolant additions are required, the cooling system should be pressure tested for leaks.
- Maintain engine coolant concentration at a minimum of 50% OAT coolant (conforming to MS.90032) and distilled water for proper corrosion protection of your engine which contains aluminum components.
- Make sure that the coolant expansion bottle overflow hoses are not kinked or obstructed.
- Keep the front of the radiator clean. If your vehicle is equipped with air conditioning, keep the front of the condenser clean.
- Do not change the thermostat for Summer or Winter operation. If replacement is ever necessary, install ONLY the correct type thermostat. Other designs may result in unsatisfactory engine cooling performance, poor gas mileage, and increased emissions.

BRAKE SYSTEM

In order to ensure brake system performance, all brake system components should be inspected periodically. Refer to the “Service and Warranty Handbook (Auto Biography)” for the proper maintenance intervals.

WARNING!

Riding the brakes can lead to brake failure and possibly a collision. Driving with your foot resting or riding on the brake pedal can result in abnormally high brake temperatures, excessive lining wear, and possible brake damage. You would not have your full braking capacity in an emergency.

Fluid Level Check — Brake Master Cylinder

The fluid level of the master cylinder should be checked whenever the vehicle is serviced, or immediately if the Brake System Warning Light is on. If necessary, add fluid to bring level within the designated marks on the side of the reservoir of the brake master cylinder. Be sure to clean the top of the master cylinder area before removing cap. With disc brakes, fluid level can be expected to fall as the brake pads wear. Brake fluid level should be checked when pads are replaced. If the brake fluid is abnormally low, check the system for leaks.

WARNING!

- Use only manufacturer's recommended brake fluid ⇨ page 317. Using the wrong type of brake fluid can severely damage your brake system and/or impair its performance. The proper type of brake fluid for your vehicle is also identified on the original factory installed hydraulic master cylinder reservoir.
- To avoid contamination from foreign matter or moisture, use only new brake fluid or fluid that has been in a tightly closed container. Keep the master cylinder reservoir cap secured at all times. Brake fluid in an open container absorbs moisture from the air resulting in a lower boiling point. This may cause it to boil unexpectedly during hard or prolonged braking, resulting in sudden brake failure. This could result in a collision.

(Continued)

WARNING!

- Overfilling the brake fluid reservoir can result in spilling brake fluid on hot engine parts, causing the brake fluid to catch fire. Brake fluid can also damage painted and vinyl surfaces, care should be taken to avoid its contact with these surfaces.
- Do not allow petroleum-based fluid to contaminate the brake fluid. Brake seal components could be damaged, causing partial or complete brake failure. This could result in a collision.

AUTOMATIC TRANSMISSION

Special Additives

The manufacturer strongly recommends against using any special additives in the transmission. Automatic Transmission Fluid (ATF) is an engineered product and its performance may be impaired by supplemental additives. Therefore, do not add any fluid additives to the transmission. Avoid using transmission sealers as they may adversely affect seals.

CAUTION!

Do not use chemical flushes in your transmission as the chemicals can damage your transmission components. Such damage is not covered by the New Vehicle Limited Warranty.

Fluid Level Check

The fluid level is preset at the factory and does not require adjustment under normal operating conditions. Routine fluid level checks are not required; therefore the transmission has no dipstick. An authorized dealer can check your transmission fluid level using special service tools. If you notice fluid leakage or transmission malfunction, visit an authorized dealer immediately to have the transmission fluid level checked. Operating the vehicle with an improper fluid level can cause severe transmission damage.

CAUTION!

If a transmission fluid leak occurs, visit an authorized dealer immediately. Severe transmission damage may occur. An authorized dealer has the proper tools to adjust the fluid level accurately.

Fluid And Filter Changes

Under normal operating conditions, the fluid installed at the factory will provide satisfactory lubrication for the life of the vehicle.

Routine fluid and filter changes are not required. However, change the fluid and filter if the fluid becomes contaminated (with water, etc.), or if the transmission is disassembled for any reason.

Selection Of Lubricant

It is important to use the proper transmission fluid to ensure optimum transmission performance and life. Use only the manufacturer's specified transmission fluid ⇨ page 317. It is important to maintain the transmission fluid at the correct level using the recommended fluid.

NOTE:

No chemical flushes should be used in any transmission; only the approved lubricant should be used.

CAUTION!

Using a transmission fluid other than the manufacturer's recommended fluid may cause deterioration in transmission shift quality and/or torque converter shudder.

FRONT/REAR AXLE FLUID

For normal service, periodic fluid level checks are not required. When the vehicle is serviced for other reasons the exterior surfaces of the axle assembly should be inspected. If gear oil leakage is suspected inspect the fluid level.

Front Axle Fluid Level Check

The front axle oil level needs to be no lower than 1/8 inch (3 mm) below the bottom of the fill hole.

The front axle fill and drain plugs should be tightened to 22 to 29 ft-lb (30 to 40 N·m).

CAUTION!

Do not overtighten the plugs as it could damage them and cause them to leak.

Rear Axle Fluid Level Check

The rear axle oil level needs to be no lower than 1/8 inch (3 mm) below the bottom of the fill hole.

The rear axle fill and drain plugs should be tightened to 22 to 29 ft-lb (30 to 40 N·m).

CAUTION!

Do not overtighten the plugs as it could damage them and cause them to leak.

Selection Of Lubricant

Use only the manufacturer's recommended fluid ⇨ page 317.

TRANSFER CASE

Fluid Level Check

For normal service, periodic fluid level checks are not required. When the vehicle is serviced for other reasons the exterior surfaces of the transfer case assembly should be inspected. If oil leakage is suspected inspect the fluid level.

Adding Fluid

Add fluid at the filler hole, until it runs out of the hole, when the vehicle is in a level position.

Drain

First remove fill plug, then remove drain plug. Recommended tightening torque for drain and fill plugs is 15 to 25 ft-lb (20 to 34 N·m).

CAUTION!

When installing plugs, do not overtighten. You could damage them and cause them to leak.

Selection Of Lubricant

Use only the manufacturer's recommended fluid ⇨ page 317.

FUSES

General Information

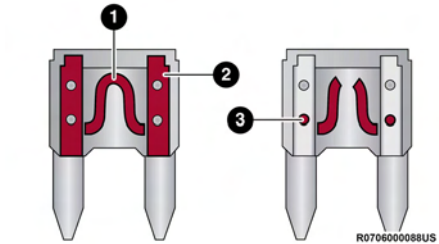
WARNING!

- When replacing a blown fuse, always use an appropriate replacement fuse with the same amp rating as the original fuse. Never replace a fuse with another fuse of higher amp rating. The use of a fuse with a rating other than indicated may result in a dangerous electrical system overload. If a properly rated fuse continues to blow, it indicates a problem in the circuit that must be corrected. Never replace a blown fuse with metal wires or any other material. Do not place a fuse inside a circuit breaker cavity or vice versa. Failure to use proper fuses may result in serious personal injury, fire and/or property damage.
- Before replacing a fuse, make sure that the ignition is off and that all the other services are switched off and/or disengaged.
- If the replaced fuse blows again, contact an authorized dealer.
- If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, transmission system) or steering system blows, contact an authorized dealer.

The fuses protect electrical systems against excessive current.

When a device does not work, you must check the fuse element inside the blade fuse for a break/melt.

Also, please be aware that using power outlets for extended periods of time with the engine off may result in vehicle battery discharge.



Blade Fuses

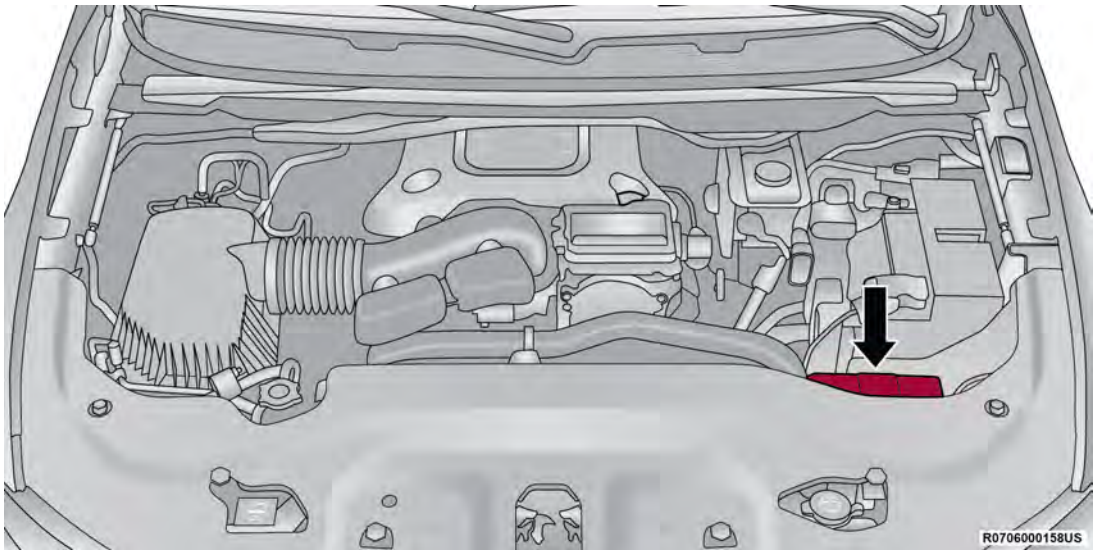
1 — Fuse Element
2 — Blade Fuse with a good/functional fuse element
3 — Blade Fuse with a bad/not functional fuse element (blown fuse)

Underhood Fuses

The Power Distribution Center (PDC) is located on the passenger side of the engine compartment, behind the headlamp. This center contains cartridge fuses, micro fuses, relays, and circuit breakers. A description of each fuse and component may be stamped on the inside cover, otherwise the cavity number of each fuse is stamped on the inside cover that corresponds to the following chart.

CAUTION!

When installing the Power Distribution Center cover, it is important to ensure the cover is properly positioned and fully latched. Failure to do so may allow water to get into the Power Distribution Center and possibly result in an electrical system failure.



Power Distribution Center

Cavity	Cartridge Fuse	Micro Fuse	Description
		* If Equipped	
F01	–	–	Crank Batt
F02	80 Amp Gray	–	Elec Pwr Str #1
F03	500 Amp Gray	–	Starter
F04	250 Amp Gray	–	Alternator
F05	80 Amp Gray	–	Elec Pwr Str #2
F06	Shunt	–	Aux Battery *
F07	100 Amp Gray	–	Rad Fan
F08	–	–	Spare
F09	80 Amp Gray	–	IPDC
F10	150 Amp Gray	–	RPDC
F11	150 Amp Gray	–	PCR *
F12	–	–	Spare
F13	40 Amp Green	–	Starter
F14	–	10 Amp Red	GNMM */ VPMS *
F15	–	10 Amp Red	ECM *
F16	–	15 Amp Blue	Cluster
F17A	–	10 Amp Red	EPS
F17B	–	10 Amp Red	ATMM *
F18	–	–	Spare
F19	30 Amp Pink	–	BSM #2 Valves *
F20	–	–	Spare
F21	–	–	Spare
F22	–	–	Spare
F23A	–	10 Amp Red	ECM / PPU * / MGU * / BSM / SLM
F23B	–	10 Amp Red	AIR SUSPENSION / ELSD-RR / EPS

Cavity	Cartridge Fuse	Micro Fuse	Description
		* If Equipped	
F24	–	20 Amp Blue	XFR Fuel Pump *
F25	–	–	SPARE
F26	50 Amp Red	–	BSM Motor #2 *
F27	30 Amp Pink	–	Rear Defroster
F28	–	–	Spare
F29	–	–	Spare
F30	–	–	Spare
F31	40 Amp Green	–	BCM Feed #3
F32	–	–	Spare
F33	30 Amp Pink	–	PWR Side Steps *
F34	–	–	Spare
F35	–	–	Spare
F36	50 Amp Red	–	BCM Feed #1
F37	30 Amp Pink	–	DTCM
F38	50 Amp Red	–	BCM Feed #2
F39	–	–	Spare
F40	–	5 Amp Tan	Batt Snsr #1
F41	–	20 Amp Yellow	CADM MAP *
F42	–	–	Spare
F43	–	10 Amp Red	ECM
F44	–	–	Spare
F45	–	–	Spare
F46	–	5 Amp Tan	Batt Snsr #2*
F47	–	10 Amp Red	BPCM
F48	–	10 Amp Red	CVPAM

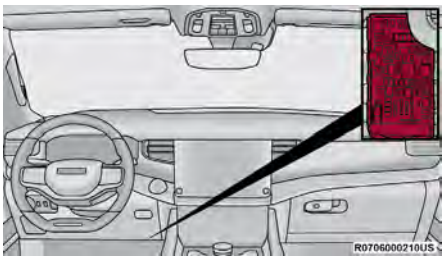
Cavity	Cartridge Fuse	Micro Fuse	Description
		* If Equipped	
F49	–	30 Amp Green	Air Suspension Valves
F50	–	–	Spare
F51	–	20 Amp Yellow	Fuel Pmp * / FPCM *
F52	–	–	Spare
F53	–	–	Spare
F54	–	20 Amp Yellow	Headlamp LT
F55	–	–	Spare
F56	–	–	Spare
F57	–	–	Spare
F58	–	–	Spare
F59	50 Amp Red	–	Air Suspension
F60	–	–	Spare
F61	–	–	Spare
F62	–	–	Spare
F63	–	20 Amp Yellow	Camera Washer Frt
F64	–	–	Spare
F65	–	15 Amp Blue	ACT Grille Shutter / ACT Air Dam / Coolant Valve LCVM * / RATVM
F66	–	20 Amp Yellow	Horns
F67	–	10 Amp Red	DTCM / Switchable Engine Mount / BSM #2
F68	–	20 Amp Yellow	Headlamp RT
F69	–	–	Spare
F70	–	20 Amp Yellow	IGN Coil * / IGN Cap */ Fuel Inj */ ISCM *
F71	–	–	Spare
F72	–	–	Spare
F73	–	–	Spare

Cavity	Cartridge Fuse	Micro Fuse	Description
		* If Equipped	
F74	–	5 Amp Tan	MGU *
F75	30 Amp Pink	–	Front Wiper
F76	–	–	Spare
F77	–	20 Amp Yellow	TCM SBW
F78	–	20 Amp Yellow	Short Runner Valve / ECM
F79	–	15 Amp Blue	Fuel INJ * / Surge Solenoid * / Oil Sensor * / Air Valve * / OBD Bypass * / O2 Heaters *
F80	20 Amp Blue	–	ECM
F81	40 Amp Green	–	BCM Feed #4
F82	–	–	Spare
F83	–	–	Spare
F84	–	–	Spare
F85	–	10 Amp Red	PCR *
F86	50 Amp Red	–	BSM Feed 1
F87	–	–	Spare
F88	50 Amp Red	–	BSM Feed 2
F89	–	–	Spare
F90	–	–	Spare
F91	–	–	Spare
F92	20 Amp Blue	–	Front De-Icer *
F93	25 Amp Clear	–	Fuel Pmp *
F94	–	10 Amp Red	A/C Comp Clutch
F95	–	–	Spare
F96	–	–	Spare
F97	–	–	Spare
F98A	–	15 Amp Blue	Cooling Fan *

Cavity	Cartridge Fuse	Micro Fuse	Description
* If Equipped			
F98B	–	15 Amp Blue	Pmp Battery Cooling *
F99	–	–	Spare
F100	–	–	Spare
F101	–	–	Spare
F102	25 Amp Clear	–	Fuel Pmp *
F103	–	–	Spare
F104	–	–	Spare
F105A	–	–	Spare
F105B	–	15 Amp Blue	LTR Coolant Pump

Interior Power Distribution Center

The Interior Power Distribution Center is located under the driver's instrument panel. This center contains cartridge fuses, micro fuses, relays, and circuit breakers.



Interior Power Distribution Center Location

NOTE:
Fuses for safety systems must be serviced by an authorized dealer.

Cavity	Cartridge Fuse	Micro Fuse	Description
* If Equipped			
F01	–	–	Spare
F02	–	–	Spare
F03	–	15 Amp Blue	MOD Seat Heater Frt (Steering Wheel) *
F04	–	10 Amp Red	Night Vision Module / Driver Monitoring Camera (DMC)
F05	–	–	Spare
F06	–	–	Spare
F07	–	–	Spare
F08	–	10 Amp Red	Automatic Gearbox Shifter Module (AGSM) / Steering Column Lock / HUD
F09	–	–	Spare
F10	40 Amp Green	–	HVAC Blower Motor
F11	–	–	Spare
F12	–	20 Amp Yellow	Assy Cigar Lighter
F13	–	10 Amp Red	Assy Mirror Inside Rearview / Sunroof Single - Dual Pane / Port UC1 Dual USB RR / Interior Monitoring Camera
F14	–	10 Amp Red	Refrigerator Box / In Vehicle Safe *
F15A	–	–	Spare
F15B	–	–	Spare
F16	–	10 Amp Red	MOD ORC
F17	–	–	Spare
F18	–	–	Spare
F19	–	–	Spare
F20	–	10 Amp Red	Overhead Console Assy (OHC) W/Sunshade / Intrusion Module
F21	30 Amp Pink	–	Trailer Tow Electric Brake - Aftermarket
F22	–	–	Spare
F23	–	–	Spare

Cavity	Cartridge Fuse	Micro Fuse	Description
* If Equipped			
F24	–	–	Spare
F25	–	–	Spare
F26	–	–	Spare
F27	–	–	Spare
F28	–	–	Spare
F29	–	–	Spare
F30	–	–	Spare
F31	–	–	Spare
F32	–	10 Amp Red	MOD ICS Switch Bank / SW Bank Upper / SW EPB / Aux Switch Bank Module (ASBM) / Mod HVAC Cntrl Frt / Humidity Rain Light Sensor (HRLS)
F33	–	15 Amp Blue	Transfer case SW / SW Bank Lower / Mod ICS Switch Bank Rear / Climate Control Display / Suspension SW *
F34	–	–	Spare
F35	–	10 Amp Red	IRCAM Heater
F36	–	–	Spare
F37	–	–	Spare
F38	–	–	Spare
F39	–	–	Spare
F40	–	–	Spare
F41A	–	–	Spare
F41B	–	–	Spare
F42A	–	–	Spare
F42B	–	10 Amp Red	MOD HVAC Control Frt
F43A	–	–	Spare
F43B	–	–	Spare

Cavity	Cartridge Fuse	Micro Fuse	Description
* If Equipped			
F44	–	15 Amp Blue	MOD Cluster CCN / MOD SGW (Cybersecurity)
F45	30 Amp Pink	–	MOD Inverter 150W
F46	–	–	Spare
F47A	–	–	Spare
F47B	–	–	Spare
F48A	–	–	Spare
F48B	–	–	Spare
F49	–	7.5 Amp Brown	MOD RF HUB / Module Ignition (MD KIN)
F50A	–	10 Amp Red	Port UCI Dual USB Rear
F50B	–	10 Amp Red	Port Diagnostics 1 & 2
F51A	–	–	Spare
F51B	–	–	Spare
F52	–	–	Spare
F53	–	20 Amp Yellow	MOD CMCM (Radio)
F54A	–	–	Spare
F54B	–	–	Spare
F55	–	–	Spare
F56	–	–	Spare
F57	–	–	Spare
F58	–	–	Spare
F59	–	–	Spare
F60	–	–	Spare
F61	–	–	Spare
F62A	–	–	Spare
F62B	–	–	Spare

Cavity	Cartridge Fuse	Micro Fuse	Description
* If Equipped			
F63A	–	15 Amp Blue	Port UC1 Dual USB Frt / Wireless Charging Pad MOD (WCPM) - High/ Premium Only
F63B	–	15 Amp Blue	Telematics Box Module (TBM) / Mod-DCSD /Mod FPDM
F64A	–	10 Amp Red	MOD ORC
F64B	–	10 Amp Red	Steering Column Control Module (SCCM)
F65	–	5 Amp Tan	MOD SGW (Cybersecurity)
F66	–	–	Spare
CB1	–	–	Spare
CB2	–	–	Spare
CB3	–	–	Spare
CB4	–	–	Spare
CB5	–	–	Spare
CB6	–	–	Spare

Rear Power Distribution Center

Rear Power Distribution Center Location

The Rear Power Distribution Center is located behind a trim cover of the rear driver's side quarter panel. This center contains cartridge fuses, micro fuses, relays, and circuit breakers. The following chart corresponds to the fuses inside.

Cavity	Cartridge Fuse	Micro Fuse	Description
* If Equipped			
F05	150 Amp Gray	–	Underhood Power Distribution Center Battery Feed
F06	–	–	Spare
F07	–	–	Spare
F08	–	–	Spare
F09	–	–	Spare
F10	–	–	Spare
F11	–	–	Spare
F12	–	–	Spare
F13	30 Amp Pink	–	Air Compressor (Tire Inflator)
F14	25 Amp Clear	–	MTR Sunshade Sunroof
F15A	–	–	Spare
F15B	–	10 Amp Red	Hands Free Liftgate / Rear Window Switches / MOD HVAC Cntrl Rr
F16	–	–	Spare
F17	–	–	Spare
F18	25 Amp Clear	–	Power Liftgate Module
F19A	–	10 Amp Red	L2+ Driver Alert Lighting Module
F19B	–	10 Amp Red	Animation Lighting RR-LT
F20A	–	15 Amp Blue	Central ASAS Decision Module (CADM) - LO
F20B	–	–	Spare
F21A	–	–	Spare
F21B	–	10 Amp Red	Sunroof - Dual Pane 2nd & 3rd Row Seat SW-Illumination
F22	–	–	Spare
F23	–	10 Amp Red	Rear Seat Entertainment (Driver / Passenger)
F24	–	–	Spare
F25	30 Amp Pink	–	Mod Door MUX Passenger

Cavity	Cartridge Fuse	Micro Fuse	Description
* If Equipped			
F26	–	–	Spare
F27	–	–	Spare
F28	30 Amp Pink	–	MOD Memory / Power Seat (Passenger Frt)
F29A	–	10 Amp Red	Animation Lighting RR-RT
F29B	–	10 Amp Red	Animation Lighting RR-LT
F30	30 Amp Pink	–	MOD Memory / Power Seat (Driver Frt)
F31	–	–	Spare
F32	–	–	Spare
F33	–	–	Spare
F34	30 Amp Pink	–	MOD Door MUX Driver
F35	25 Amp Clear	–	Integrated Trailer Tow Module #2
F36A	–	10 Amp Red	Intelligent Event Base Lighting Module
F36B	–	–	Spare
F37	25 Amp Clear	–	Integrated Trailer Tow Module #1
F38	–	–	Spare
F39	–	–	Spare
F40	–	30 Amp Green	Mod Audio Amplifier #1A
F41	–	–	Spare
F42A	–	10 Amp Red	RSE Video USB Console Frt/Port Media Hub FPDM
F42B	–	–	Spare
F43	–	–	Spare
F44A	–	20 Amp Yellow	12 Volt Power Outlet Cargo Area (Ign)
F44B	–	20 Amp Yellow	12 Volt Power Outlet Cargo Area (Battery)
F45	–	20 Amp Yellow	MOD CRSM (Heated Seat RR RT)
F46	30 Amp Pink	–	Folding Seat Module 3rd Row Feed #1 *

Cavity	Cartridge Fuse	Micro Fuse	Description
* If Equipped			
F47	–	–	Spare
F48	–	–	Spare
F49	–	–	Spare
F50	–	15 Amp Blue	Seat Massage Driver Mod (SSMD) / Seat Massage Passenger Mod (SSMP) *
F51	–	–	Spare
F52	–	20 Amp Yellow	MOD CRSM (Heat Seat RR LT) *
F53	30 Amp Pink	–	Electronic Limited Slip Differential (ELSD) Rear #1 *
F54	–	–	Spare
F55	30 Amp Pink	–	Folding Seat Modules 3rd Row Feed #2 *
F56	–	–	Spare
F57	–	10 Amp Red	Mod HVAC RR / Mod Occupant Classic / CVPAM / Mod Parktronics / ITCM
F58	–	15 Amp Blue	3rd Row Additional USB charge (Only LT - RT) / Port Pwr USB Console UBS (CH Only)
F59	–	5 Amp Beige	Smart Door Handle Rear Rt
F60	25 Amp Clear	–	RR_HVAC Blower
F61	–	–	Spare
F62	–	20 Amp Yellow	Module Seat Heater Frt (Driver) *
F63	30 Amp Pink	–	Assy Trailer Tow Receptacle B+
F64	–	10 Amp Red	Module Smart Phone As Key
F65	–	–	Spare
F66	20 Amp Blue	–	MOD Door MUX Passenger Rear - Smart Motor
F67	–	30 Amp Green	MOD Audio Amplifier #1B
F68	–	–	Spare
F69	–	20 Amp Yellow	L2+ Central ASAS Decision Module (CADM) MID *

Cavity	Cartridge Fuse	Micro Fuse	Description
		* If Equipped	
F70	–	10 Amp Red	Video Routing Module (VRM)
F71	–	5 Amp Beige	Smart Door Handle Driver
F72	–	–	Spare
F73	–	–	Spare
F74	–	–	Spare
F75	–	5 Amp Beige	Smart Door Handle Rear Lt.
F76	–	5 Amp Beige	Smart Door Handle Passenger
F77	–	–	Spare
F78	–	–	Spare
F79	–	–	Spare
F80	–	–	Spare
F81	–	20 Amp Yellow	Module Seat Heater Frt (PASS) *
F82	–	10 Amp Red	Animation Lighting RR / Air Compressor (Tire Inflator) / Animation Lighting Liftgate Taillamp
F83	–	–	Spare
F84	–	15 Amp Blue	SNSR_UWB (1-7)
F85	–	–	Spare
F86	–	15 Amp Blue	Lumbar Support Driver & Passenger SW *
F87	–	–	Spare
F88	20 Amp Blue	–	MOD Door MUX Driver Rear - Smart Motor
CB1	–	20 Amp Yellow	Power Outlet RR

BULB REPLACEMENT

Replacement Bulbs, Names, And Part Numbers

Your vehicle is equipped with LED lamps. In the event of a light malfunction, please see an authorized dealer for LED replacement.

TIRES

TIRES — GENERAL INFORMATION

Tire Pressure

Proper tire inflation pressure is essential to the safe and satisfactory operation of your vehicle. Four primary areas are affected by improper tire pressure:

- Safety
- Fuel Economy
- Tread Wear
- Ride Comfort and Vehicle Stability

Safety

WARNING!

- Improperly inflated tires are dangerous and can cause collisions.
- Underinflation increases tire flexing and can result in overheating and tire failure.
- Overinflation reduces a tire's ability to cushion shock. Objects on the road and chuckholes can cause damage that result in tire failure.

(Continued)

WARNING!

- Overinflated or underinflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control.
- Unequal tire pressures can cause steering problems. You could lose control of your vehicle.
- Unequal tire pressures from one side of the vehicle to the other can cause the vehicle to drift to the right or left.
- Always drive with each tire inflated to the recommended cold tire inflation pressure.

Both underinflation and overinflation affect the stability of the vehicle and can produce a feeling of sluggish response or over responsiveness in the steering.

NOTE:

- Unequal tire pressures from side to side may cause erratic and unpredictable steering response.
- Unequal tire pressure from side to side may cause the vehicle to drift left or right.

Fuel Economy

Underinflated tires will increase tire rolling resistance resulting in higher fuel consumption.

Tread Wear

Improper cold tire inflation pressures can cause abnormal wear patterns and reduced tread life, resulting in the need for earlier tire replacement.

Ride Comfort And Vehicle Stability

Proper tire inflation contributes to a comfortable ride. Overinflation produces a jarring and uncomfortable ride.

Tire Inflation Pressures

The proper cold tire inflation pressure is listed on the driver's side B-pillar or rear edge of the driver's side door.

At least once a month:

- Check and adjust tire pressure with a good quality pocket-type pressure gauge. Do not make a visual judgment when determining proper inflation. Tires may look properly inflated even when they are under-inflated.
- Inspect tires for signs of tire wear or visible damage.

CAUTION!

After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the valve stem.

Inflation pressures specified on the placard are always “cold tire inflation pressure”. Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall.

Check tire pressures more often if subject to a wide range of outdoor temperatures, as tire pressures vary with temperature changes.

Tire pressures change by approximately 1 psi (7 kPa) per 12°F (7°C) of air temperature change. Keep this in mind when checking tire pressure inside a garage, especially in the Winter.

Example: If garage temperature = 68°F (20°C) and the outside temperature = 32°F (0°C) then the cold tire inflation pressure should be increased by 3 psi (21 kPa), which equals 1 psi (7 kPa) for every 12°F (7°C) for this outside temperature condition.

Tire pressure may increase from 2 to 6 psi (13 to 40 kPa) during operation. DO NOT reduce this normal pressure build up or your tire pressure will be too low.

Tire Pressures For High Speed Operation

The manufacturer advocates driving at safe speeds and within posted speed limits. Where speed limits or conditions are such that the vehicle can be driven at high speeds, maintaining correct tire inflation pressure is very important. Increased tire pressure and reduced vehicle loading may be required for high-speed vehicle operation. Refer to an authorized tire dealer or original equipment vehicle dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

WARNING!

High speed driving with your vehicle under maximum load is dangerous. The added strain on your tires could cause them to fail. You could have a serious collision. Do not drive a vehicle loaded to the maximum capacity at continuous speeds above 75 mph (120 km/h).

Radial Ply Tires

WARNING!

Combining radial ply tires with other types of tires on your vehicle will cause your vehicle to handle poorly. The instability could cause a collision. Always use radial ply

(Continued)

WARNING!

tires in sets of four. Never combine them with other types of tires.

Tire Repair

If your tire becomes damaged, it may be repaired if it meets the following criteria:

- The tire has not been driven on when flat.
- The damage is only on the tread section of your tire (sidewall damage is not repairable).
- The puncture is no greater than a quarter of an inch (6 mm).

Consult an authorized tire dealer for tire repairs and additional information.

Damaged Run Flat tires, or Run Flat tires that have experienced a loss of pressure should be replaced immediately with another Run Flat tire of identical size and service description (Load Index and Speed Symbol). Replace the tire pressure sensor as well as it is not designed to be reused.

Run Flat Tires — If Equipped

Run Flat tires allow you the capability to drive 50 miles (80 km) at 50 mph (80 km/h) after a rapid loss of inflation pressure. This rapid loss of inflation is referred to as the Run Flat mode. A Run Flat mode occurs when the tire inflation pressure is of/or below 14 psi (96 kPa). Once a Run Flat tire reaches the run flat mode it has limited driving capabilities and needs to be replaced immediately. A Run Flat tire is not repairable. When a Run Flat tire is changed after being driven in a Run Flat mode 14 psi (96 kPa) condition, please replace the TPMS sensor as it is not designed to be reused.

NOTE:

TPMS sensor must be replaced after driving the vehicle on a flat tire condition.

It is not recommended driving a vehicle loaded at full capacity or to tow a trailer while a tire is in the Run Flat mode.

For more information ⇨ page 221.

Tire Spinning

When stuck in mud, sand, snow, or ice conditions, do not spin your vehicle's wheels above 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping.

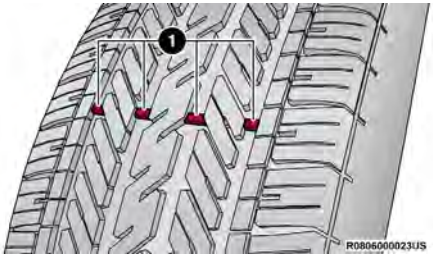
For further information ⇨ page 270.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause tire damage or failure. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) for more than 30 seconds continuously when you are stuck, and do not let anyone near a spinning wheel, no matter what the speed.

Tread Wear Indicators

Tread wear indicators are in the original equipment tires to help you in determining when your tires should be replaced.



Tire Tread

1 — Tread Wear Indicators

These indicators are molded into the bottom of the tread grooves. They will appear as bands when the tread depth becomes 1/16 of an inch (1.6 mm). When the tread is worn to the tread wear indicators, the tire should be replaced.

For further information ⇨ page 306.

Life Of Tire

The service life of a tire is dependent upon varying factors including, but not limited to:

- Driving style
- Tire pressure - Improper cold tire inflation pressures can cause uneven wear patterns to develop across the tire tread. These abnormal wear patterns will reduce tread life, resulting in the need for earlier tire replacement.
- Distance driven
- Performance tires, tires with a speed rating of V or higher, and Summer tires typically have a reduced tread life. Rotation of these tires per the vehicle's Service and Warranty Handbook (Auto Biography) is highly recommended.

WARNING!

Tires and the spare tire should be replaced after six years, regardless of the remaining tread. Failure to follow this warning can result in sudden tire failure. You could lose control and have a collision resulting in serious injury or death.

NOTE:

Wheel valve stem must be replaced as well when installing new tires due to wear and tear in existing tires.

Keep dismounted tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease, and gasoline.

Replacement Tires

The tires on your new vehicle provide a balance of many characteristics. They should be inspected regularly for wear and correct cold tire inflation pressures. The manufacturer strongly recommends using tires equivalent to the originals in size, quality and performance when replacement is needed. For more information ⇨ page 305. Refer to the Tire And Loading Information Placard or the Vehicle Certification Label for the size designation of your tire. The Load Index and Speed Symbol for your tire will be found on the original equipment tire sidewall.

It is recommended to replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle's handling. If you ever replace a wheel, make sure that the wheel's specifications match those of the original wheels.

It is recommended you contact an authorized tire dealer or original equipment dealer with any questions you may have on tire specifications or capability. Failure to use equivalent replacement tires may adversely affect the safety, handling, and ride of your vehicle.

WARNING!

- Do not use a tire, wheel size, load rating, or speed rating other than that specified for your vehicle. Some combinations of unapproved tires and wheels may change suspension dimensions and performance characteristics, resulting in changes to steering, handling, and braking of your vehicle. This can cause unpredictable handling and stress to steering and suspension components. You could lose control and have a collision resulting in serious injury or death. Use only the tire and wheel sizes with load ratings approved for your vehicle.
- Never use a tire with a smaller load index or capacity, other than what was originally equipped on your vehicle. Using a tire with a smaller load index could result in tire overloading and failure. You could lose control and have a collision.
- Failure to equip your vehicle with tires having adequate speed capability can result in sudden tire failure and loss of vehicle control.

CAUTION!

Replacing original tires with tires of a different size may result in false speedometer and odometer readings.

TIRE TYPES

All Season Tires — If Equipped

All Season tires provide traction for all seasons (Spring, Summer, Autumn, and Winter). Traction levels may vary between different all season tires. All Season tires can be identified by the M+S, M&S, M/S or MS designation on the tire sidewall. Use All Season tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Summer Or Three Season Tires — If Equipped

Summer tires provide traction in both wet and dry conditions, and are not intended to be driven in snow or on ice. If your vehicle is equipped with Summer tires, be aware these tires are not designed for Winter or cold driving conditions. Install Winter tires on your vehicle when ambient temperatures are less than 40°F (5°C) or if roads are covered with ice or snow. For more information, contact an authorized dealer.

Summer tires do not contain the all season designation or mountain/snowflake symbol on the tire sidewall. Use Summer tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

WARNING!

Do not use Summer tires in snow/ice conditions. You could lose vehicle control, resulting in severe injury or death. Driving too fast for conditions also creates the possibility of loss of vehicle control.

Snow Tires

Some areas of the country require the use of snow tires during the Winter. Snow tires can be identified by a mountain/snowflake symbol on the tire sidewall.

If you need snow tires, select tires equivalent in size and type to the original equipment tires. Use snow tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Snow tires generally have lower speed ratings than what was originally equipped with your vehicle and should not be operated at sustained speeds over 75 mph (120 km/h). For speeds above 75 mph (120 km/h) refer to original equipment or an authorized tire dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

While studded tires improve performance on ice, skid and traction capability on wet or dry surfaces may be poorer than that of non-studded tires. Some states prohibit studded tires; therefore, local laws should be checked before using these tire types.

SPARE TIRES — IF EQUIPPED

NOTE:

For vehicles equipped with Tire Service Kit instead of a spare tire, please refer to “Tire Service Kit” in “In Case Of Emergency” for further information.

CAUTION!

Because of the reduced ground clearance, do not take your vehicle through an automatic car wash with a compact or limited use temporary spare installed. Damage to the vehicle may result.

For restrictions when towing with a spare tire designated for temporary emergency use ⇨ page 159.

Spare Tire Matching Original Equipped Tire And Wheel — If Equipped

Your vehicle may be equipped with a spare tire and wheel equivalent in look and function to the original equipment tire and wheel found on the front or rear axle of your vehicle. This spare tire may be used in the tire rotation for your vehicle. If your vehicle has this option, refer to an authorized tire dealer for the recommended tire rotation pattern.

Compact Spare Tire — If Equipped

The compact spare is for temporary emergency use only. You can identify if your vehicle is equipped with a compact spare by looking at the spare tire description on the Tire And Loading Information Placard located on the driver’s side door opening or on the sidewall of the tire. Compact spare tire descriptions begin with the letter “T” or “S” preceding the size designation. Example: T145/80D18 103M.

T, S = Temporary Spare Tire

Since this tire has limited tread life, the original equipment tire should be repaired (or replaced) and reinstalled on your vehicle at the first opportunity.

Do not install a wheel cover or attempt to mount a conventional tire on the compact spare wheel, since the wheel is designed specifically for the compact spare tire. Do not install more than one compact spare tire and wheel on the vehicle at any given time.

WARNING!

Compact and collapsible spares are for temporary emergency use only. With these spares, do not drive more than 50 mph (80 km/h). Temporary use spares have limited tread life. When the tread is worn to the tread wear indicators, the temporary use spare tire needs to be replaced. Be sure to follow the warnings, which apply to your spare. Failure to do so could result in spare tire failure and loss of vehicle control.

Collapsible Spare Tire — If Equipped

The collapsible spare is for temporary emergency use only. You can identify if your vehicle is equipped with a collapsible spare by looking at the spare tire description on the Tire And Loading Information Placard located on the driver's side door opening or on the sidewall of the tire.

Collapsible spare tire description example:
165/80-17 101P.

Since this tire has limited tread life, the original equipment tire should be repaired (or replaced) and reinstalled on your vehicle at the first opportunity.

Inflate collapsible tire only after the wheel is properly installed to the vehicle. Inflate the collapsible tire using the electric air pump before lowering the vehicle.

Do not install a wheel cover or attempt to mount a conventional tire on the collapsible spare wheel, since the wheel is designed specifically for the collapsible spare tire.

WARNING!

Compact and Collapsible spares are for temporary emergency use only. With these spares, do not drive more than 50 mph (80 km/h). Temporary use spares have limited tread life. When the tread is worn to the tread wear indicators, the temporary use spare tire needs to be replaced. Be sure to follow the warnings, which apply to your spare. Failure to do so could result in spare tire failure and loss of vehicle control.

Full-Size Spare — If Equipped

The Full-Size spare is for temporary emergency use only. This tire may look like the originally equipped tire on the front or rear axle of your vehicle, but it is not. This spare tire may have limited tread life. When the tread is worn to the tread wear indicators, the temporary use Full-Size spare tire needs to be replaced. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

Limited Use Spare — If Equipped

The limited use spare tire is for temporary emergency use only. This tire is identified by a label located on the limited use spare wheel. This label contains the driving limitations for this spare. This tire may look like the original equipped tire on the front or rear axle of your vehicle, but it is not. Installation of this limited use spare tire affects vehicle handling. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

WARNING!

Limited use spares are for emergency use only. Installation of this limited use spare tire affects vehicle handling. With this tire, do not drive more than the speed listed on the limited use spare wheel. Keep inflated to the cold tire inflation pressures listed on your Tire And Loading Information Placard located on the driver's side B-pillar or the rear edge of the driver's side door. Replace (or repair) the original equipment tire at the first opportunity and reinstall it on your vehicle. Failure to do so could result in loss of vehicle control.

WHEEL AND WHEEL TRIM CARE

All wheels and wheel trim, especially aluminum and chrome plated wheels, should be cleaned regularly using mild (neutral Ph) soap and water to maintain their luster and to prevent corrosion. Wash wheels with the same soap solution recommended for the body of the vehicle and remember to always wash when the surfaces are not hot to the touch.

Your wheels are susceptible to deterioration caused by salt, sodium chloride, magnesium chloride, calcium chloride, etc., and other road chemicals used to melt ice or control dust on dirt roads. Use a soft cloth or sponge and mild soap to wipe away promptly. Do not use harsh chemicals or a stiff brush. They can damage the wheel's protective coating that helps keep them from corroding and tarnishing.

CAUTION!

Avoid products or automatic car washes that use acidic solutions or strong alkaline additives or harsh brushes. Many aftermarket wheel cleaners and automatic car washes may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty. Only car wash soap, Mopar® Wheel Cleaner or equivalent is recommended.

CAUTION!

Do not use scouring pads, steel wool, a bristle brush, metal polishes or oven cleaner. These products may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty. Only car wash soap, Mopar® Wheel Cleaner or equivalent is recommended.

NOTE:

If you intend parking or storing your vehicle for an extended period after cleaning the wheels with wheel cleaner, drive your vehicle and apply the brakes to remove the water droplets from the brake components. This activity will remove the red rust on the brake rotors and prevent vehicle vibration when braking.

CAUTION!

If your vehicle is equipped with these specialty wheels, DO NOT USE wheel cleaners, abrasives, or polishing compounds. They will permanently damage this finish and such damage is not covered by the New Vehicle Limited Warranty. HAND WASH ONLY USING MILD SOAP AND WATER WITH A SOFT CLOTH. Used on a regular basis; this is all that is required to maintain this finish.

TIRE ROTATION RECOMMENDATIONS

The tires on the front and rear of your vehicle operate at different loads and perform different steering, handling, and braking functions. For these reasons, they wear at unequal rates.

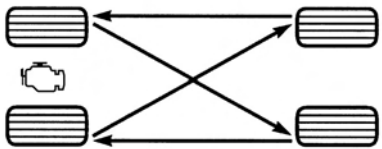
These effects can be reduced by timely rotation of tires. The benefits of rotation are especially worthwhile with aggressive tread designs such as those on On/Off-Road type tires. Rotation will increase tread life, help to maintain mud, snow, and wet traction levels, and contribute to a smooth, quiet ride.

Refer to the “Service and Warranty Handbook (Auto Biography)” for the proper maintenance intervals. More frequent rotation is permissible if desired. The reasons for any rapid or unusual wear should be corrected prior to rotation being performed.

NOTE:

The premium Tire Pressure Monitoring System will automatically locate the pressure values displayed in the correct vehicle position following a tire rotation.

The suggested rotation method is the “rearward cross” shown in the following diagram.



Tire Rotation (Rearward Cross)

DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES

The following tire grading categories were established by the National Highway Traffic Safety Administration. The specific grade rating assigned by the tire's manufacturer in each category is shown on the sidewall of the tires on your vehicle.

All passenger vehicle tires must conform to Federal safety requirements in addition to these grades.

TREADWEAR

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

TRACTION GRADES

The Traction grades, from highest to lowest, are AA, A, B, and C. These grades represent the tire's ability to stop on wet pavement, as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING!

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

TEMPERATURE GRADES

WARNING!

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

STORING THE VEHICLE

If you are storing your vehicle for more than three weeks, we recommend that you take the following steps to minimize the drain on your vehicle's battery:

- Disconnect the negative cable from battery.
- Before you store your vehicle or keep it out of service (i.e., vacation) for two weeks or more, run the air conditioning system at idle for about five minutes in the fresh air and high blower setting. This will ensure adequate system lubrication to minimize the possibility of compressor damage when the system is started again.

BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

Vehicle body care requirements vary according to geographic locations and usage. Chemicals that make roads passable in snow and ice and those that are sprayed on trees and road surfaces during other seasons are highly corrosive to the metal in your vehicle. Outside parking, which exposes your vehicle to airborne contaminants, road surfaces on which the vehicle is operated, extreme hot or cold weather and other extreme conditions will have an adverse effect on paint, metal trim, and underbody protection.

The following maintenance recommendations will enable you to obtain maximum benefit from the corrosion resistance built into your vehicle.

What Causes Corrosion?

Corrosion is the result of deterioration or removal of paint and protective coatings from your vehicle.

The most common causes are:

- Road salt, dirt and moisture accumulation.
- Stone and gravel impact.
- Insects, tree sap and tar.
- Salt in the air near seacoast localities.
- Atmospheric fallout/industrial pollutants.

BODY AND UNDERBODY MAINTENANCE

Cleaning Headlights

Your vehicle is equipped with plastic headlights and fog lights that are lighter and less susceptible to stone breakage than glass headlights.

Plastic is not as scratch resistant as glass and therefore different lens cleaning procedures must be followed.

To minimize the possibility of scratching the lenses and reducing light output, avoid wiping with a dry cloth. To remove road dirt, wash with a mild soap solution followed by rinsing.

Do not use abrasive cleaning components, solvents, steel wool or other aggressive material to clean the lenses.

PRESERVING THE BODYWORK

Washing

- Wash your vehicle regularly. Always wash your vehicle in the shade using Mopar® Car Wash, or a mild car wash soap, and rinse the panels completely with water.
- If insects, tar, or other similar deposits have accumulated on your vehicle, use Mopar® Super Kleen Bug and Tar Remover to remove.
- Use a high quality cleaner wax, such as Mopar® Cleaner Wax to remove road film, stains and to protect your paint finish. Use precautions to not scratch the paint.
- Avoid using abrasive compounds and power buffing that may diminish the gloss or thin out the paint finish.

CAUTION!

- Do not use abrasive or strong cleaning materials such as steel wool or scouring powder that will scratch metal and painted surfaces.
- Use of power washers exceeding 1,200 psi (8,274 kPa) can result in damage or removal of paint and decals.

Special Care

- If you drive on salted or dusty roads or if you drive near the ocean, hose off the undercarriage at least once a month.
- It is important that the drain holes in the lower edges of the doors, rocker panels, and trunk be kept clear and open.
- If you detect any stone chips or scratches in the paint, touch them up immediately.
- If your vehicle is damaged due to a collision or similar cause that destroys the paint and protective coating, have your vehicle repaired as soon as possible.
- If you carry special cargo such as chemicals, fertilizers, de-icer salt, etc., be sure that such materials are well packaged and sealed.
- If a lot of driving is done on gravel roads, consider mud or stone shields behind each wheel.
- Use Mopar® Touch Up Paint on scratches as soon as possible. An authorized dealer has touch up paint to match the color of your vehicle.

INTERIORS

SEATS AND FABRIC PARTS

Use Mopar® Total Clean to clean fabric upholstery and carpeting.

WARNING!

Do not use volatile solvents for cleaning purposes. Many are potentially flammable, and if used in closed areas they may cause respiratory harm.

Seat Belt Maintenance

Do not bleach, dye or clean the belts with chemical solvents or abrasive cleaners. This will weaken the fabric. Sun damage can also weaken the fabric.

If the belts need cleaning, use a mild soap solution or lukewarm water. Do not remove the belts from the vehicle to wash them. Dry with a soft cloth.

Replace the belts if they appear frayed or worn or if the buckles do not work properly.

WARNING!

A frayed or torn seat belt could rip apart in a collision and leave you with no protection. Inspect the seat belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the seat belt system. If your vehicle is involved in a collision, or if you have questions regarding seat belt or retractor

(Continued)

WARNING!

conditions, take your vehicle to an authorized FCA dealer or authorized FCA Certified Collision Care Program facility for inspection.

PLASTIC AND COATED PARTS

Use Mopar® Total Clean to clean vinyl upholstery.

CAUTION!

- Direct contact of air fresheners, insect repellents, suntan lotions, or hand sanitizers to the plastic, painted, or decorated surfaces of the interior may cause permanent damage. Wipe away immediately.
- Damage caused by these type of products may not be covered by your New Vehicle Limited Warranty.

Cleaning Plastic Instrument Cluster Lenses

The lenses in front of the instruments in this vehicle are molded in clear plastic. When cleaning the lenses, care must be taken to avoid scratching the plastic.

Clean with a wet soft cloth. A mild soap solution may be used, but do not use high alcohol content or abrasive cleaners. If soap is used, wipe clean with a clean damp cloth. Dry with a soft cloth.

LEATHER SURFACES

Mopar® Total Clean is specifically recommended for leather upholstery.

The leather upholstery can be best preserved by regular cleaning with a damp soft cloth. Small particles of dirt can act as an abrasive and damage the leather upholstery and should be removed promptly with a damp cloth. Stubborn soils can be removed easily with a soft cloth and Mopar® Total Clean. Care should be taken to avoid soaking your leather upholstery with any liquid. Please do not use polishes, oils, cleaning fluids, solvents, detergents, or ammonia-based cleaners to clean your leather upholstery.

NOTE:

If equipped with light colored leather, it tends to show any foreign material, dirt, and fabric dye transfer more so than darker colors. The leather is designed for easy cleaning, and the manufacturer recommends Mopar® total care leather cleaner applied on a cloth to clean the leather seats as needed.

CAUTION!

Do not use alcohol and alcohol-based and/or ketone-based cleaning products to clean leather upholstery, as damage to the upholstery may result.

GLASS SURFACES

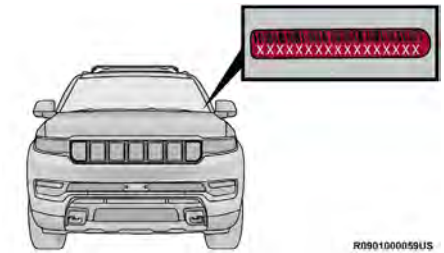
All glass surfaces should be cleaned on a regular basis with Mopar® Glass Cleaner, or any commercial household-type glass cleaner. Never use an abrasive type cleaner. Use caution when cleaning the inside rear window equipped with electric defrosters or windows equipped with radio antennas. Do not use scrapers or other sharp instruments that may scratch the elements.

When cleaning the rearview mirror, spray cleaner on the towel or cloth that you are using. Do not spray cleaner directly on the mirror.

TECHNICAL SPECIFICATIONS

VEHICLE IDENTIFICATION NUMBER (VIN)

The VIN is found on a label located on the left front corner of the instrument panel pad, visible from outside of the vehicle through the windshield.



Windshield VIN Label Location

NOTE:
It is illegal to remove or alter the VIN.

BRAKE SYSTEM

Your vehicle is equipped with dual hydraulic brake systems. If either of the two hydraulic systems lose normal capability, the remaining system will still function. However, there will be some loss of overall braking effectiveness. You may notice increased pedal travel during application, greater pedal force required to slow or stop, and potential activation of the Brake Warning Light.

In the event power assist is lost for any reason the brakes will still function. However, the effort required to brake the vehicle will be much greater than that required with the power system operating.

WHEEL AND TIRE TORQUE SPECIFICATIONS

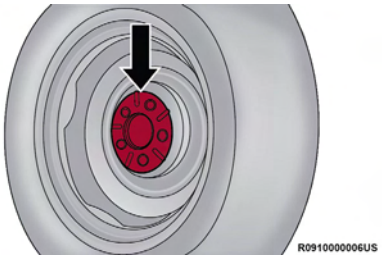
Proper lug nut/bolt torque is very important to ensure that the wheel is properly mounted to the vehicle. Any time a wheel has been removed and reinstalled on the vehicle, the lug nuts/bolts should be torqued using a properly calibrated torque wrench using a six-sided (hex) deep wall socket.

TORQUE SPECIFICATIONS

Lug Nut/Bolt Torque	**Lug Nut/Bolt Size	Lug Nut/Bolt Socket Size
130 ft-lb (176 N·m)	M14 x 1.50	22 mm

**Use only authorized dealer recommended lug nuts/bolts and clean or remove any dirt or oil before tightening.

Inspect the wheel mounting surface prior to mounting the tire and remove any corrosion or loose particles.

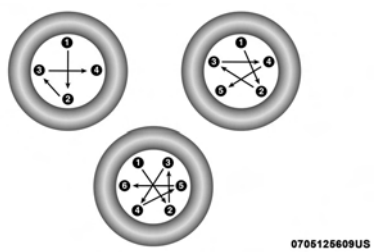


Wheel Mounting Surface

Tighten the lug nuts/bolts in a star pattern until each nut/bolt has been tightened twice. Ensure that the socket is fully engaged on the lug nut/bolt (do not insert it half way).

NOTE:
If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or service station.

After 25 miles (40 km), check the lug nut/bolt torque to be sure that all the lug nuts/bolts are properly tightened.



Torque Patterns

WARNING!
To avoid the risk of forcing the vehicle off the jack, do not tighten the lug nuts/bolts fully until the vehicle has been lowered. Failure to follow this warning may result in personal injury.

FUEL REQUIREMENTS

Light spark knock at low engine speeds is not harmful to your engine. However, continued heavy spark knock at high speeds can cause damage, and immediate service is required.

Besides using unleaded gasoline with the proper octane rating, gasolines that contain detergents, corrosion and stability additives are recommended. Using gasolines that have these additives may help improve fuel economy, reduce emissions, and maintain vehicle performance.

Poor quality gasoline can cause problems such as hard starting, stalling, and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle.

3.0L STANDARD OUTPUT ENGINE

Do not use E-85 flex fuel or ethanol blends greater than 15% in this engine.

This engine is designed to meet all emissions regulations, and provide satisfactory fuel economy and performance when using high-quality unleaded gasoline with a recommended RON of 95.

3.0L HIGH OUTPUT ENGINE

Do not use E-85 flex fuel or ethanol blends greater than 15% in this engine.

This engine is designed to operate using high-quality unleaded gasoline having a Research Octane Number (RON) of 95 or higher. The manufacturer recommends the use of 98 Research Octane Number for optimum performance.

METHANOL

(Methyl) is used in a variety of concentrations when blended with unleaded gasoline. You may find fuels containing 3% or more methanol along with other alcohols called cosolvents. Problems that result from using methanol/gasoline are not the responsibility of the manufacturer. While Methyl tert-butyl ether (MTBE) is an oxygenate made from methanol, it does not have the negative effects of methanol.

WARNING!
Do not use gasolines containing methanol. Use of these blends may result in starting and drivability problems and may damage critical fuel system components.

ETHANOL

The manufacturer recommends that your vehicle be operated on fuel containing no more than 15% ethanol. Purchasing your fuel from a reputable supplier may reduce the risk of exceeding this 15% limit and/or of receiving fuel with abnormal properties. It should also be noted that an increase in fuel consumption should be expected when using ethanol-blended fuels, due to the lower energy content of ethanol. Problems that result from using methanol/gasoline or E-85 ethanol blends are not the responsibility of the manufacturer.

CAUTION!
Use of fuel with ethanol content higher than 15% may result in engine malfunction, starting and operating difficulties, and materials degradation. These adverse effects could result in permanent damage to your vehicle.

REFORMULATED GASOLINE

Many areas of the country require the use of cleaner-burning gasoline referred to as “reformulated gasoline”. Reformulated gasoline contains oxygenates and are specifically blended to reduce vehicle emissions and improve air quality.

The use of reformulated gasoline is recommended. Properly blended reformulated gasoline will provide improved performance and durability of engine and fuel system components.

MATERIALS ADDED TO FUEL

Besides using unleaded gasoline with the proper octane rating, gasolines that contain detergents, corrosion and stability additives are recommended. Using gasolines that have these additives will help improve fuel economy, reduce emissions, and maintain vehicle performance.

Indiscriminate use of fuel system cleaning agents should be avoided. Many of these materials intended for gum and varnish removal may contain active solvents or similar ingredients. These can harm fuel system gasket and diaphragm materials.

DO NOT USE E-85 IN NON-FLEX FUEL VEHICLES

Non-Flex Fuel Vehicles (FFV) are compatible with gasoline containing up to 15% ethanol (E-15). Use of gasoline with higher ethanol content may void the New Vehicle Limited Warranty.

If a Non-FFV vehicle is inadvertently fueled with E-85 fuel, the engine will have some or all of these symptoms:

- Operate in a lean mode.
- OBD II Malfunction Indicator Light on.
- Poor engine performance.
- Poor cold start and cold drivability.
- Increased risk for fuel system component corrosion.

CNG AND LP FUEL SYSTEM MODIFICATIONS

Modifications that allow the engine to run on Compressed Natural Gas (CNG) or Liquid Propane (LP) may result in damage to the engine, emissions, and fuel system components. Problems that result from running CNG or LP are not the responsibility of the manufacturer and may void or not be covered under the New Vehicle Limited Warranty.

METHYLCYCLOPENTADIENYL MANGANESE TRICARBONYL (MMT) IN GASOLINE

MMT is a manganese containing metallic additive that is blended into some gasolines to increase octane. Gasoline blended with MMT provides no performance advantage beyond gasoline of the same octane number without MMT. Gasoline blended with MMT reduces spark plug life and reduces emission system performance in some vehicles. The manufacturer recommends that gasoline without MMT be used in your vehicle. The MMT content of gasoline may not be indicated on the gasoline pump; therefore, you should ask the gasoline retailer whether or not the gasoline contains MMT.

FLUID CAPACITIES

Component	US	Metric
Fuel (Approximate)		
Short Wheel Base	26.5 gal	100 L
Long Wheel Base	30.5 gal	115 L

Component	US	Metric
Auxiliary Tank	12.0 gal	45.4 L
Engine Oil With Filter		
3.0L Engine	7.5 qt	7.1 L
Cooling System *		
3.0L Engine	16.6 qt	15.7 L
3.0L Engine Intercooler	3.2 qt	3.0 L
* Includes heater and coolant recovery bottle filled to MAX level.		

ENGINE FLUIDS AND LUBRICANTS

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	We recommend using Mopar® Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT (Organic Additive Technology) meeting the requirements of the manufacturer Material Standard MS.90032.
Engine Coolant — Intercooler	We recommend using Mopar® Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT (Organic Additive Technology) meeting the requirements of the manufacturer Material Standard MS.90032.
Engine Oil — 3.0L SO Engine	We recommend using Mopar® SAE 0W-20 Full Synthetic Engine Oil, which meets the requirements of the manufacturer Material Standard MS-6395. Equivalent full synthetic SAE 0W-20 engine oil can be used but must have the API Starburst trademark with a certification level of API-SP or later ⇨ page 278. API-SN+ is also acceptable.
	CAUTION!
	Usage of earlier API certification levels (such as API-SN or prior) can result in engine damage and is not covered by the New Vehicle Limited Warranty.

Component	Fluid, Lubricant, or Genuine Part
Engine Oil — 3.0L HO Engine	We recommend using Mopar® API Certified SAE 0W-40 Full Synthetic Engine Oil, which meets the requirements of the manufacturer Material Standard MS-A0921. Equivalent full synthetic SAE 0W-40 engine oil can be used but must have the API Donut trademark with a certification level of API-SP or later page 278. API-SN+ is also acceptable.
	CAUTION!
	Usage of earlier API certification levels (such as API-SN or prior) can result in engine damage and is not covered by the New Vehicle Limited Warranty.
Fuel Selection – 3.0L SO Engine	91 Research Octane Number (RON). The manufacturer recommends the use of 95 RON for optimum performance.
Fuel Selection – 3.0L HO Engine	95–98 Research Octane Number (RON). The manufacturer recommends the use of 98 RON for optimum performance.

CHASSIS FLUIDS AND LUBRICANTS

Component	Fluid, Lubricant, or Genuine Part
Automatic Transmission	Use only Mopar® ZF 8 & 9 Speed ATF Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission.
Transfer Case	We recommend using Mopar® Mobile LT.
Axle Differential (Front)	We recommend using Mopar® GL-5 Synthetic Axle Lubricant SAE 75W-85.
Axle Differential (Rear) - With Electronic Limited Slip Differential (ELSD)	We recommend using Mopar® GL-5 Electronic Limited Slip Synthetic Axle Lubricant SAE 75W-85 with integrated friction modifier.
Axle Differential (Rear) - With Mechanical Limited Slip Differential	We recommend using Mopar® GL-5 Mechanical Limited Slip Synthetic Axle Lubricant SAE 75W-85 with integrated friction modifier.
Brake Master Cylinder	We recommend using Mopar® DOT 3 Brake Fluid, SAE J1703. If using DOT 4 brake fluid, the fluid must be changed every 24 months. This interval is time based only, mileage intervals do not apply.

CUSTOMER ASSISTANCE

CUSTOMER ASSISTANCE

FCA International Operations LLC and its authorized dealers are vitally interested in your satisfaction. We want you to be happy with our products and services.

Warranty service must be done by an authorized dealer. We strongly recommend that you take the vehicle to an authorized dealer for non-warranty service as well. FCA International Operations LLC's authorized dealers have the facilities, factory-trained technicians, special tools, and the latest information to ensure the vehicle is fixed correctly and in a timely manner.

If your authorized dealer is unable to resolve the concern, you may contact an FCA International Operations LLC Customer Assistance center.

Any communication to an FCA International Operations LLC Customer Assistance center should include the following information:

- Owner's name and address
- Owner's telephone number (home, mobile, and office)
- Authorized dealer name
- Vehicle Identification Number (VIN)
- Vehicle delivery date and mileage

FCA INTERNATIONAL OPERATIONS LLC

Here are the contact details of the FCA Middle East Customer Care Center, that can help you wherever you happen to be:

Email: customercare-me@stellantis.com

T: +9714 600 56 5561

Operation Hours:

Sunday – Thursday, 9:00 a.m. – 6:00 p.m. (UAE Timing, excluding public holidays)

TOWING SERVICE

If your vehicle requires towing due to a defect covered under the Basic Limited Warranty, contact an authorized repairer. Provide your name, Vehicle Identification Number (VIN), license plate number, and your location, including the telephone number from which you are calling. Briefly describe the nature of the problem and answer a few simple questions.

NOTE:

Off-road recovery is not covered by the Basic Limited Warranty!

SERVICE CONTRACT

Mopar® Vehicle Protection Plans offer valuable protection against repair costs when these warranties no longer apply. They complement but do not replace the warranty coverages out-lined in this booklet. A variety of plans are available, covering various time-and-mileage periods and various groups of the vehicle's mechanical components. Mopar® Vehicle Protection plans are the ONLY vehicle extended protection plans authorized, endorsed and backed by FCA International Operations LLC to provide additional protection beyond your vehicle's warranty. Look for our brand logo and ask an authorized dealer.

WARRANTY INFORMATION

Refer to the Auto Biography Warranty and Maintenance Log for your vehicle's warranty information.

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مساعدة العملاء

مساعدة العملاء

تهتم شركة FCA International Operations LLC ووكيلها المعتمد كثيرًا بنيل رضاك. إننا نرغب في أن تكون سعيدًا بمنتجاتنا وخدماتنا.

يجب إجراء خدمة الضمان بواسطة الوكيل المعتمد. كما نوصي بشدة بأن تأخذ السيارة إلى وكيل معتمد لإجراء الخدمة غير المغطاة بالضمان كذلك. يمتلك الوكلاء المعتمدون لشركة FCA International Operations LLC المرافق والفنيين المدربين بالمصنع والأدوات الخاصة وأحدث المعلومات لضمان إصلاح السيارة بطريقة صحيحة وفي الوقت المحدد.

إذا تعذّر على الوكيل المعتمد حل المشكلة، يمكنك الاتصال بمركز خدمة عملاء شركة FCA International Operations LLC.

يجب أن تتضمن أية مراسلة لمركز خدمة العملاء التابع لشركة FCA International Operations LLC المعلومات التالية:

- اسم المالك وعنوانه
- رقم هاتف المالك (المنزل والمحمول والمكتب)
- اسم الوكيل المعتمد
- رقم تعريف السيارة VIN
- تاريخ تسليم السيارة وعدد الأميال المقطوعة

FCA INTERNATIONAL OPERATIONS LLC

إليك تفاصيل جهة الاتصال لمركز رعاية العملاء في شركة FCA Middle East الذي يمكنه مساعدتك أينما كنت:

البريد الإلكتروني:
customercare-me@stellantis.com

الهاتف: 5561 56 600 9714+

ساعات العمل:

من الأحد إلى الخميس، من الساعة 9:00 صباحًا حتى 6:00 مساءً (بتوقيت الإمارات العربية المتحدة، باستثناء أيام الأعياد الرسمية)

خدمة القطر

إذا احتاجت السيارة إلى السحب بسبب عيب يغطيه الضمان الأساسي المحدود، فاتصل بجهة الإصلاح المعتمدة لديك. قدم اسمك، ورقم تعريف السيارة (VIN)، ورقم لوحة السيارة، وموقعك، بما في ذلك رقم الهاتف الذي تتصل منه. صف طبيعة المشكلة بإيجاز وأجب على بعض الأسئلة البسيطة.

ملاحظة:
لا يغطي الضمان الأساسي المحدود سحب السيارة من الطرق غير الممهدة!

عقد الصيانة

توفر خطط حماية السيارة ®Mopar حماية قيّمة من تكاليف الإصلاح عندما تصبح تلك الضمانات غير منطبقة. إنها تُكمل تغطيات الضمان الواردة في هذا الكتيب ولكنها لا تحل محلها. تتوفر مجموعة متنوعة من الخطط، التي تغطي العديد من الفترات المحددة بالوقت والمسافة المقطوعة بالميل ومجموعات متنوعة من المكونات الميكانيكية بالسيارة. تُعَدّ خطط ®Mopar Vehicle Protection الخطط الوحيدة للحماية الممتدة للسيارة المصرح بها والمُصدّق عليها والمعتمدة من شركة FCA International Operations LLC لتوفير حماية إضافية خارج ضمان السيارة. ابحث عن شعار علامتنا التجارية واسأل وكيلاً معتمداً.

معلومات الضمان

راجع ضمان تاريخ السيارة وسجل الصيانة للحصول على معلومات بشأن ضمان سيارتك.

زيوت تشحيم وسوائل الشاسيه

المكون	السوائل أو زيوت التشحيم أو قطع الغيار الأصلية
ناقل الحركة الأوتوماتيكي	استخدم فقط سائل ناقل الحركة الأوتوماتيكي Mopar® ZF 8 & 9 Speed ATF أو ما يعادله. حيث يمكن أن يؤثر عدم استخدام السائل الصحيح على وظيفة ناقل الحركة أو أدائه.
علبة النقل	نوصي باستخدام Mopar® Mobile LT.
التروس التفاضلية للمحور (الأمامي)	ننصح باستخدام زيت تشحيم GL-5 التركيبي للتروس ومحور الدوران من Mopar® والمتوافق مع معايير SAE 75W-85.
القفل التفاضلي للمحور (الخلفي) – مع القفل التفاضلي المحدود الانزلاق إلكترونيًا (ELSD)	ننصح باستخدام زيت تشحيم Mopar® GL-5 التركيبي محدود الانزلاق إلكترونيًا للمحور SAE 75W-85 المزود بالإضافات المدمجة المقللة للاحتكاك.
القفل التفاضلي لمحور الدوران (الخلفي) – مع القفل التفاضلي المحدود الانزلاق ميكانيكيًا	ننصح باستخدام زيت تشحيم Mopar® GL-5 التركيبي محدود الانزلاق ميكانيكيًا للمحور SAE 75W-85 المزود بالإضافات المدمجة المقللة للاحتكاك.
الأسطوانة الرئيسية (الفرامل)	ننصح باستخدام سائل الفرامل Mopar® DOT 3 وSAE J1703. إذا كنت تستخدم سائل الفرامل DOT 4، فيجب تغيير السائل كل 24 شهرًا. يستند هذا الفاصل على الوقت فقط، ولا يطبق الفاصل المعتمد على عدد الأميال المقطوعة.

المكون	السوائل أو زيوت التشحيم أو قطع الغيار الأصلية
زيت المحرك — محرك SO سعة 3.0 لترات	ننصح باستخدام زيت المحرك التركيبي بالكامل SAE 0W-20 من ®Mopar الذي يفي بمتطلبات معيار المواد MS-6395 للجهة المُصنِّعة. يمكن استخدام زيت المحرك التركيبي بالكامل SAE 0W-20 المكافئ، لكن يجب أن يحمل العلامة التجارية API Starburst بمستوى شهادة API-SP أو ما بعده ⇦ صفحة ٣٣٨ . ويُعَد API-SN+ مقبولاً أيضًا
	تنبيه!
	من الممكن أن يؤدي استخدام مستويات شهادة API السابقة (مثل API-SN أو ما قبلها) إلى تلف المحرك ولن يغطيه ضمان السيارة الجديدة المحدود.
زيت المحرك — محرك HO سعة 3.0 لترات	ننصحك باستخدام زيت المحرك التركيبي بالكامل من ®Mopar المعتمد وفق معيار SAE 0W-40 الصادر عن معهد البترول الأمريكي (API) الذي يفي بمتطلبات معيار المواد MS-A0921 للجهة المُصنِّعة. يمكن استخدام زيت المحرك التركيبي بالكامل SAE 0W-40 المكافئ، لكن يجب أن يحمل العلامة التجارية API Donut بمستوى شهادة API-SP أو ما بعدها ⇦ صفحة ٣٣٨ . ويُعَد API-SN+ مقبولاً أيضًا
	تنبيه!
	من الممكن أن يؤدي استخدام مستويات شهادة API السابقة (مثل API-SN أو ما قبلها) إلى تلف المحرك ولن يغطيه ضمان السيارة الجديدة المحدود.
اختيار الوقود - محرك SO سعة 3.0 لترات	رقم أوكتان البحث (RON) هو 91. تُوصي الجهة المُصنِّعة باستخدام رقم أوكتان البحث (RON) 95 للحصول على أفضل أداء.
اختيار الوقود - محرك HO سعة 3.0 لترات	رقم أوكتان البحث (RON) هو 95-98. تُوصي الجهة المُصنِّعة باستخدام رقم أوكتان البحث (RON) 98 للحصول على الأداء الأمثل.

سعات السوائل

المكون	US (الولايات المتحدة)	Metric (النظام المتري)
الوقود (تقريبي)		
قاعدة العجلات القصيرة	26.5 جالونًا	100 لترًا
قاعدة العجلات الطويلة	30.5 جالونًا	115 لترًا
الخزان الإضافي	12.0 جالونًا	45,4 لترًا
زيت المحرك مع الفلتر		
محرك سعة 3.0 لترات	7,5 كورات	7,1 لترات
نظام التبريد *		
محرك سعة 3.0 لترات	16,6 كورات	15,7 لترات
المُبرّد البيني للمحرك سعة 3.0 لترات	3,2 كورات	3,0 لترات
* تتضمن زجاجة فصل الهواء/الاسترجاع لسائل التبريد وجهاز التدفئة، والتي تملأ حتى مستوى علامة MAX (الحد الأقصى).		

السوائل وزيوت تشحيم المحرك

المكون	السوائل أو زيوت التشحيم أو قطع الغيار الأصلية
سائل تبريد المحرك	نوصي باستخدام تركيبة مانع التجمد/سائل التبريد من ®Mopar الذي يتم تغييره كل 10 سنوات/240000 كم (150000 ميل) ذي تقنية الإضافات العضوية (OAT) أو ما يكافئها، والتي تفي بمتطلبات معيار المواد MS.90032 للجهة المُصنِّعة.
سائل تبريد المحرك — المبرد البيني	نوصي باستخدام تركيبة مانع التجمد/سائل التبريد من ®Mopar الذي يتم تغييره كل 10 سنوات/240000 كم (150000 ميل) ذي تقنية الإضافات العضوية (OAT) أو ما يكافئها، والتي تفي بمتطلبات معيار المواد MS.90032 للجهة المُصنِّعة.

تنبيه!
قد يؤدي استخدام وقود يحتوى على إيثانول أعلى من 15% إلى حدوث عطل في المحرك وصعوبات في بدء التشغيل وأثناء التشغيل وتحلل المواد. وقد يؤثر ذلك عكسيًا ويتسبب في تلف دائم بسيارتك.

البنزين المعدل

تتطلب العديد من مناطق البلاد استخدام بنزين نظيف الاحتراق، والذي يطلق عليه اسم "البنزين المعدّل". يحتوي البنزين المعدل على مواد مؤكسجة يتم خلطها بشكل خاص لتقليل انبعاثات السيارة وتحسين جودة الهواء.

يُوصى باستخدام البنزين المعدل. يوفر البنزين المعدل المخلوط بشكل صحيح أداءً أفضل وقدرة تحمل للمحرك ومكونات نظام الوقود.

المواد المضافة إلى الوقود

بالإضافة إلى استعمال بنزين غير ممزوج بالرصاص ذي رقم أوكتان مناسب يوصى باستعمال البنزين الذي يحتوي على عناصر منظفة وعناصر إضافية مقاومة للتآكل وتوفر ثبوت المحرك. إن استعمال البنزين الذي يحتوي على هذه الإضافات يساعد على تقليل استهلاك الوقود والانبعاثات ويحافظ على أداء ممتاز للسيارة.

يجب تفادي الاستعمال العشوائي لمواد تنظيف نظام الوقود. فإن عددًا كبيرًا من هذه المواد التي يكون الغرض منها إزالة التشمع أو المواد الملتصقة قد يحتوي على مواد مذيبة فعالة أو مركبات مشابهة لها. تسبب أضرارًا للحشيات المانعة للتسرب والأغشية.

لا تستخدم الوقود E-85 مع السيارات التي لا تدعم الوقود المُحسّن

تتوافق سيارات الوقود غير المرن (FFV) مع البنزين الذي يحتوي على ما يصل إلى 15% إيثانول (E-15). قد يتسبب استخدام البنزين الذي يشتمل على نسبة عالية من الإيثانول في إلغاء ضمان السيارة الجديدة المحدود.

في حالة تزويد السيارة ذات الوقود غير المرن بوقود E-85 دون قصد، سيتعرض المحرك لبعض هذه الأعراض أو جميعها:

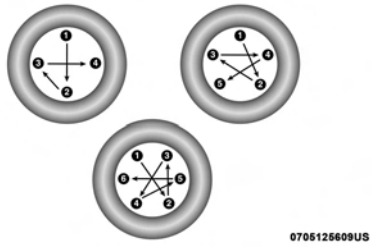
- التشغيل في وضع الاحتراق القليل.
- ضوء مؤشر العطل قيد التشغيل في نظام الفحص الذاتي (OBD II).
- الأداء السيئ للمحرك.
- بدء التشغيل البارد وإمكانية القيادة الباردة.
- الخطر المتزايد لتصحيح مكون نظام الوقود.

تعديلات نظام الوقود للغاز الطبيعي المضغوط (CNG) والبروبان السائل (LP)

يمكن أن تؤدي التعديلات التي تسمح للمحرك بالعمل مستخدمًا الغاز الطبيعي المضغوط (CNG) أو البروبان السائل (LP) إلى تلف المحرك ونظام الانبعاثات ومكونات نظام الوقود. لا تتحمل الجهة المُصنِّعة المشكلات الناتجة عن التشغيل بالغاز الطبيعي المضغوط (CNG) أو البروبان السائل (LP) وقد لا يشملها ضمان السيارة الجديدة المحدود وقد تبطله.

تريكربونيل ميثيلسايكلوبنتادينيل المنجنيز (MMT) في البنزين

إن مادة MMT هي مادية إضافية معدنية تحتوي على المنجنيز يتم خلطها في بعض أنواع البنزين لزيادة رقم الأوكتان. لا يوفر البنزين الذي يتم خلطه بمادة MMT أي ميزة عن البنزين الذي له نفس رقم الأوكتان بدون مادة MMT. يقلل البنزين الذي يتم خلطه بمادة MMT من عمر شمعات الإشعال ويقلل أداء نظام الانبعاثات في بعض السيارات. توصي الشركة المصنعة باستخدام البنزين بدون مادة MMT في سيارتك. قد لا يُشار إلى محتوى MMT في البنزين على مضخة البنزين، ولذلك يجب عليك سؤال مزود البنزين عما إذا كان البنزين يحتوي على مادة MMT أم لا.



أنماط العزم

تحذير!
لتجنُّب مخاطر انزلاق السيارة عن الرافعة، لا تُحكم ربط صواميل العجلات أو مساميرها تمامًا حتى يتم خفض السيارة. ويترتب على عدم اتباع هذا التحذير التعرض لإصابة جسدية.

الوقود المتطلبات

لا تعتبر فرقعة الإشعال الخفيفة تحت سرعة محرك منخفضة ضارة لمحرك سيارتك. إلا أن الفرقعة العالية المستمرة في سرعات المحرك العالية تؤدي إلى حدوث أضرار بالمحرك ويجب حينئذ صيانة المحرك على الفور.

بالإضافة إلى استعمال بنزين غير ممزوج بالرصاص ذي رقم أوكتان مناسب يوصى باستعمال البنزين الذي يحتوي على عناصر منظفة وعناصر إضافية مقاومة للتآكل وتوفر ثبوت المحرك. إن استعمال البنزين الذي يحتوي على هذه العناصر الإضافية يساعد على تقليل استهلاك الوقود وانبعاث الغازات ويحافظ على أداء ممتاز للسيارة.

قد تؤدي النوعيات الرديئة من البنزين إلى مشاكل مثل صعوبة بدء التشغيل والتوقف المفاجئ والتشغيل المتقطع للمحرك. إذا لاحظت مثل هذه المشكلات، فجرب نوعًا آخر من البنزين قبل التفكير في إصلاح السيارة.

محرك ذو إخراج قياسي سعة 3.0 لترات

لا تستخدم وقود E-85 المحسّن أو الوقود الذي يشتمل على خليط الإيثانول بنسبة أكبر من 15% في هذا المحرك.

تم تصميم هذا المحرك بحيث يتوافق مع جميع اللوائح الخاصة بالانبعاثات، وتوفير مستوى مرضٍ من ترشيد استهلاك الوقود والأداء عند استخدام بنزين عالي الجودة خالٍ من الرصاص ذي رقم أوكتان البحث (RON) 95.

مُحرك ذو إخراج مرتفع سعة 3.0 لترات

لا تستخدم وقود E-85 المحسّن أو الوقود الذي يشتمل على خليط الإيثانول بنسبة أكبر من 15% في هذا المحرك.

تم تصميم هذا المحرك ليعمل باستخدام بنزين خالٍ من الرصاص عالي الجودة برقم أوكتان البحث (RON) 95 أو أعلى. تُوصي الجهة المُصنِّعة باستخدام رقم أوكتان البحث 98 للحصول على أفضل أداء.

الميثانول

(الميثيل أو كحول الميثيل) يستخدم في تركيزات مختلفة عند خلطها بالبنزين الخالي من الرصاص. قد تتوفر أمامك أنواع وقود تحتوي على نسبة 3% أو أكثر من الميثانول إضافة لمواد كحولية أخرى تسمى المذيبات. لا تقع مسؤولية المشاكل التي تنتج عن استخدام الميثانول/البنزين مع مركبات أخرى على الجهة المصنعة. على الرغم من أن مادة ميثيل ثلاثي بيوتيل الإيثير (MTBE) هي مادة مؤكسدة مصنوعة من الميثانول، فإنها ليست لها الآثار السلبية للميثانول.

تحذير!
لا تستخدم البنزين المحتوي على الميثانول. قد يؤدي استخدام هذه المركبات إلى مشاكل في بدء التشغيل والقيادة وقد يؤدي إلى تلف مكونات حساسة في نظام الوقود.

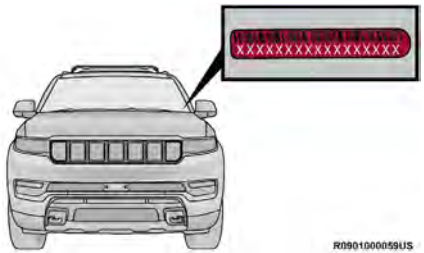
الإيثانول

تُوصي الجهة المُصنِّعة بتشغيل سيارتك باستخدام وقود لا يحتوي على أكثر من 15% من الإيثانول. إن شراء الوقود الخاص بك من مورد يتمتع بسمعة جيدة قد يقلل مخاطرة تجاوز حد 15% و/أو تلقي وقود بخصائص غير طبيعية. يجب أيضًا ملاحظة أنه من المتوقع زيادة استهلاك الوقود عند استخدام وقود مخلوط بالإيثانول بسبب ضعف محتوى الطاقة بالإيثانول. لا تقع مسؤولية المشاكل التي تنتج عن استخدام الميثانول/البنزين أو مزيج الإيثانول E-85 مع مركبات أخرى على الجهة المصنعة.

المواصفات الفنية

رقم تعريف السيارة (VIN)

يوجد رقم تعريف السيارة (VIN) على ملصق موجود بالزاوية الأمامية اليسرى من لوحة أجهزة القياس ويمكن رؤيته من خارج السيارة عبر الزجاج الأمامي.



موقع ملصق رقم تعريف السيارة (VIN) على الزجاج الأمامي

ملاحظة:
تعد إزالة رقم تعريف السيارة (VIN) أو إجراء أي تعديل عليه إجراءً غير قانوني.

نظام الفرامل

إن سيارتك مزودة بنظام فرامل هيدروليكي مزدوج. فإذا فقد أحد الأنظمة الهيدروليكية القدرة المعتادة يستمر النظام الآخر في العمل. ولكن سيكون ذلك مع بعض الفاقد في قدرة الكبح الكلية. قد تلاحظ زيادة مدى حركة الدواسة عند الضغط عليها والحاجة إلى قوة ضغط أكبر لخفض السرعة أو التوقف واحتمال تنشيط الضوء التحذيري بشأن الفرامل.

في حال فقدان المساعدة الكهربية لأي سبب من الأسباب، ستستمر الفرامل في العمل. وسيصبح الجهد المطلوب لإيقاف السيارة أكبر مما هو لازم عند تشغيل نظام الفرامل العاملة بالطاقة.

مواصفات عزم العجلة والإطار

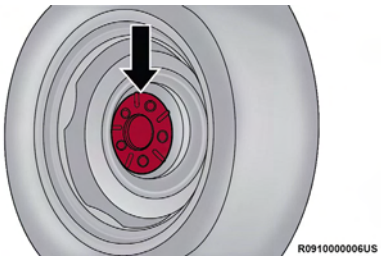
يعد العزم الصحيح لربط صامولة/مسمار العجلة ضروريًا جدًا لضمان تركيب العجلة في السيارة بشكل صحيح. وفي أي وقت يتم فك إحدى العجلات وإعادة تركيبها في السيارة، يجب ربط صواميل/مسامير العجلة باستخدام مفتاح عزم تمت معايرته بشكل صحيح باستخدام مقبس حائط عميق ذي ستة جوانب (سداسي).

مواصفات العزم

عزم ربط صامولة/مسمار العجلة	**حجم صامولة/ مسمار العجلة	حجم مقبس صامولة/مسمار العجلة
176 نيوتن·متر (130 قدمًا-رطل)	M14 × 1.50	22 مم

**لا تستخدم سوى مسامير/صواميل العجلات المُوصى بها من الوكيل المعتمد ونظّف أو أزل أي أوساخ أو زيت بها قبل إحكام الربط.

افحص سطح تركيب العجلة قبل تركيب الإطار وقم بإزالة أي تآكل أو أجزاء مقطوعة.



سطح تركيب العجلة

أحكم ربط صواميل/مسامير العجلات على شكل نجمة بحيث يتم إحكام ربط كل صامولة/مسمار مرتين. تأكد من تعشيق المقبس بالكامل على صامولة/مسمار العجلة (لا تقم بإدخاله إلى المنتصف).

ملاحظة:
إذا لم تكن متأكدًا من إحكام الربط بشكل صحيح، فيمكنك فحصه باستخدام مفتاح عزم بواسطة وكيل معتمد أو محطة الصيانة.

بعد قطع مسافة 40 كم (25 ميلاً) افحص عزم صواميل/مسامير العجلات للتأكد من أن إحكام ربط صواميل/مسامير العجلات بشكل صحيح في العجلات.

الأجزاء البلاستيكية والمغطاة

استخدم منظف توتال من ®Mopar لتنظيف فرش التنجيد المصنوع من الفينيل.

تنبيه!

- قد يتسبب التعرض المباشر لمعطرات الهواء أو طارد الحشرات أو مستحضرات سمرة الشمس أو مطهرات الأيدي أو لمس الأسطح الداخلية البلاستيكية أو المطلية أو المزينة، في حدوث تلف دائم. قم بالمسح على الفور.
- قد لا يغطي الضمان المحدود للسيارة الجديدة التلف الناتج عن هذا النوع من المنتجات.

تنظيف عدسات مجموعة أجهزة القياس البلاستيكية

تم تصنيع العدسات الموجودة في مقدمة العدادات الموجودة في هذه السيارة من البلاستيك الشفاف. عند تنظيف العدسات، يجب التعامل بحرص لتجنب خدش البلاستيك.

قم بالتنظيف باستخدام قطعة قماش ناعمة مبللة. يمكن استخدام محلول صابون متعادل؛ لكن لا تستخدم محتوى يتضمن تركيز عالي من الكحول، أو المنظفات شديدة التركيز. في حالة استخدام الصابون، قم بالتنظيف باستخدام قطعة قماش نظيفة مبللة. قم بالتجفيف بقطعة قماش ناعمة.

الأسطح الجلدية

يوصى باستخدام منظف توتال من ®Mopar خصيصًا لتنظيف فرش التنجيد المصنوع من الجلد.

يمكن الحفاظ على فرش التنجيد المصنوع من الجلد بالتنظيف المنتظم بقطعة قماش رطبة. يمكن أن تخدش جزيئات الأوساخ الدقيقة فرش التنجيد المصنوع من الجلد، لذا ينبغي إزالتها بقطعة قماش رطبة. يمكن إزالة البقع العنيدة بسهولة باستخدام قطعة قماش ناعمة ومنظف "توتال" من موبار. ينبغي الحرص على تجنب تعرض فرش التنجيد المصنوع من الجلد لأي سائل لفترة طويلة. ويرجى عدم استخدام مواد التلميع أو الزيوت أو سوائل التنظيف أو المذيبات أو المطهرات أو المنظفات التي تستند إلى قاعدة من النشادر لتنظيف فرش التنجيد المصنوع من الجلد.

ملاحظة:

إذا كانت السيارة مزودة بأجزاء مصنوعة من الجلد فاتح اللون، فإنها تظهر أي مواد غريبة أو أوساخ أو صبغة المواد القماشية بصورة أكثر من الأجزاء المصنوعة من جلود بألوان داكنة. تم تصميم الأجزاء الجلدية لتكون سهلة التنظيف، كما تُوصي الجهة المُصنِّعة بوضع منظف الجلود للرعاية الكاملة من ®Mopar على قطعة قماش لتنظيف المقاعد الجلدية عند الحاجة.

تنبيه!

لا تستخدم الكحول ومنتجات التنظيف الكحولية و/أو الكيتونية لتنظيف الفرش الجلدي، حيث قد يؤدي ذلك إلى تلف الفرش.

الأسطح الزجاجية

ينبغي تنظيف جميع الأسطح الزجاجية بشكل منتظم باستخدام منظف الزجاج من ®Mopar أو أي منظف تجاري منزلي مخصص لتنظيف الزجاج. لا تستخدم مطلقًا منظف من نوع خشن. انتبه عند تنظيف الجزء الداخلي من النافذة الخلفية المزودة بمزيلات صقيع النوافذ أو هوائيات الراديو. لا تستخدم مكاشط أو أي أدوات حادة أخرى من شأنها أن تخدش المكونات.

عند تنظيف مرآة الرؤية الخلفية، قم برش المنظف على المنشفة أو قطعة القماش التي تستخدمها. لا ترش المنظف مباشرة على المرآة.

المحافظة على هيكل السيارة

الغسل

- اغسل السيارة بانتظام. احرص دومًا على غسل السيارة في الظل باستخدام سائل غسل السيارات من Mopar® وصابون غسل معتدل للسيارات، واشطف اللوحات تمامًا بالماء.
- إذا تجمعت الحشرات أو المخلفات المشابهة الأخرى على السيارة، فاستخدم مزيل الحشرات السوبر من Mopar® ومزيل القطران.
- استخدم منظفًا يحتوي على شمع مثل منظف Mopar® لإزالة أتربة الطريق والبقع ولحماية طلاء سيارتك. توخ الحذر حتى لا تخدش الطلاء.
- تجنب استخدام المركبات الخشنة التي قد تقلل من لمعان الطلاء، أو تؤدي إلى تدقيق الطبقة النهائية من الطلاء.

تنبيه!

- لا تستخدم مواد التنظيف القوية أو الخشنة مثل الصوف الصلب أو مسحوق الصقل، والتي تؤدي إلى خدش الأسطح المعدنية والمطلية.
- قد ينجم عن استخدام الغاسلات الكهربية التي تتجاوز 8274 كيلوباسكال (1200 رطل/بوصة مربعة) في تلف أو إزالة الطلاء والملصقات.

العناية الخاصة

- إذا كنت تقود السيارة على طرق مملحة أو متربة أو إذا قمت بقيادة السيارة بالقرب من المحيط، افصل محمل السيارة مرة واحدة شهريًا على الأقل.
- من الأهمية بمكان أن يتم المحافظة على نظافة وفتح فتحات التصريف الموجودة في الحواف السفلية للأبواب ولوحات الهزاز وصندوق الأمتعة.
- إذا عثرت على أي أحجار أو خدوش في الطلاء، فتخلص منها على الفور.
- إذا تعرضت للتلف نتيجة لوقوع حادث أو أمر شبيه بذلك مما أدى إلى تدمير الطلاء أو الطبقة الواقية، فقم بإصلاح السيارة بأسرع ما يمكن.
- إذا كانت السيارة تحمل شحنة خاصة مثل المواد الكيماوية أو المخصبات أو الملح المقاوم للثلوج، إلخ، فتأكد من تعبئة تلك المواد جيدًا وعدم تسربها.
- في حالة قيادة المركبة لفترة طويلة على طرق مليئة بالحصى، قم بوضع واقيات ضد الأحجار أو الطين خلف كل عجلة.
- استخدم طلاء Mopar® Touch-Up على الخدوش على الفور. يتوفر لدى وكيلك المعتمد ألوان طلاء تتوافق مع لون سيارتك.

الداخلية

المقاعد والأجزاء القماشية

استخدم منظف توتال من Mopar® لتنظيف فرش التنجيد والسجاد.

تحذير!

لا تستخدم مذيبات طيارة لأغراض التنظيف. وذلك لأن الكثير من تلك المذيبات قابل للاشتعال، وفي حالة استخدامها في مناطق مغلقة قد تسبب ضيقًا في التنفس.

صيانة أحزمة الأمان

لا تدهن أو تصبغ أو تنظف الأحزمة باستخدام مذيبات أو منظفات شديدة. حيث إن ذلك يؤدي إلى تلف أنسجة الأحزمة. قد يؤدي التلف الشمسي أيضًا إلى إضعاف الأنسجة.

وإذا تطلب الأمر تنظيف الأحزمة، فاستخدم محلول صابون متعادل أو ماء فاتر. لا تفك الأحزمة من السيارة لغسلها. قم بالتجفيف بقطعة قماش ناعمة.

استبدل الأحزمة إذا كانت متآكلة أو بالية أو إذا لم تكن الإبزيمات تعمل بطريقة صحيحة.

تحذير!

قد ينقطع حزام الأمان البالي أو الممزق عند التصادم وتصبح من دون حماية. افحص نظام أحزمة الأمان بصورة دورية للتأكد من عدم وجود أجزاء مقطوعة أو ممزقة أو بالية. ويجب استبدال الأجزاء التالفة فورًا. لا تحاول فك نظام حزام الأمان أو إدخال التعديلات عليه. إذا تعرضت سيارتك لحادث تصادم أو إذا كانت لديك أي أسئلة تتعلق بحزام الأمان أو ظروف آلية السحب، فتوجه بسيارتك إلى وكيل FCA معتمد أو إلى مركز برنامج الرعاية بعد الحوادث المعتمد من FCA لفحصها.

تحذير!

تعتمد درجة الجر المعينة لهذا الإطار على اختبارات جر الفرملة بشكل مستقيم، ولا تشمل التسارع أو الانعطاف أو الانزلاق المائي أو خصائص الجر القصوى.

درجات الحرارة

تحذير!

يتم إنشاء درجة درجات الحرارة لهذا الإطار بناءً على إطار تم نفخه بضغط مناسب بشكل صحيح وغير مفرط الانتفاخ. يمكن أن تتسبب السرعة الزائدة أو النفخ القليل أو التحميل الزائد، سواء كانت هذه الأسباب منفصلة أو مجتمعة، إلى تراكم الحرارة مع احتمالية تلف الإطار.

تخزين السيارة

إذا كنت تقوم بتخزين السيارة لأكثر من ثلاثة أسابيع، فإننا ننصح باتخاذ الخطوات التالية لتقليل تصريف بطارية السيارة:

- فصل الكابل السالب عن البطارية.
- قبل تخزين السيارة أو عدم استخدامها (أثناء عطلة مثلاً) لمدة أسبوعين أو أكثر، قم بتشغيل نظام مكيف الهواء أثناء تباطؤ المحرك لمدة خمس دقائق تقريبًا في وضع الهواء النقي وإعداد المروحة العالي. إن القيام بذلك سيضمن تزييتًا مناسبًا للنظام لتقليل إمكانية تلف جهاز الضغط عند إعادة تشغيل النظام.

هيكل السيارة

الحماية من العوامل الجوية

تتنوع متطلبات العناية بهيكل السيارة تبعًا للمواقع الجغرافية وطريقة الاستخدام. تتصف المواد الكيماوية التي تسهل من عملية السير على الطرق في حالة تجمع الثلوج والجليد، وتلك المواد التي يتم رشها على الأشجار وأسطح الطرق أثناء المواسم الأخرى، بأنها مواد أكالة للمعادن الموجودة في السيارة. إن إيقاف السيارة في الخارج، حيث تتعرض السيارة للملوثات الهوائية، وأسطح الطرق التي يتم تشغيل السيارات عليها، والطقس شديد البرودة أو شديد الحرارة، وغيرها من الظروف الشديدة، يؤثر تأثيرًا شديدًا على الطلاء والتكوينات المعدنية والوقاية الداخلية.

تساعدك التوصيات التالية المتعلقة بالصيانة على تحقيق أقصى فائدة من مقاومة التآكل المضمنة داخل السيارة.

ما الذي يؤدي إلى حدوث التآكل؟

التآكل هو نتاج تدهور الطلاء وطبقات البطانة الواقية أو تقشرها بالسيارة.

والأسباب الشائعة لحدوث ذلك هي:

- ملح الطريق والأوساخ وتجمع الرطوبة.
- تأثير الأحجار والحصى.
- الحشرات والأشجار والقطران.
- الملح الموجود في هواء المناطق القريبة من سواحل البحار.
- الملوثات الجوية / الصناعية.

صيانة الجزء السفلي من السيارة وهيكلها

تنظيف المصابيح الأمامية

سيارتك مزودة بمصابيح أمامية ومصابيح ضباب بلاستيكية والتي تتميز بخفة وزنها ومقاومتها الأكبر للكسر بسبب الأحجار مقارنة بالمصابيح التي تصنع من الزجاج.

يختلف مستوى مقاومة البلاستيك للخدش عن الزجاج، وبالتالي يجب اتباع إجراءات تنظيف أخرى للعدسات.

لتقليل احتمال خدش العدسات وبالتالي تقليل معدل الضوء الخارج، تجنب مسح العدسات بقطعة قماش جافة. لإزالة أوساخ الطريق، اغسل العدسات بمحلول صابون لطيف ثم اشطفها بالماء.

لا تستخدم مكونات تنظيف كاشطة أو مذيبات أو صوف الفولاذ أو أي مواد كاشطة لتنظيف العدسات.

تنبيه!

إذا كانت السيارة مزودة بتلك العجلات الخاصة، فلا تستخدم المنظفات أو المواد الكاشطة أو مركبات التلميع للعجلة. فستؤدي إلى إتلاف الطلاء وهذا التلف لا يغطيه ضمان السيارة الجديدة المحدود. يجب استعمال الغسيل اليدوي فقط مع الصابون اللطيف وقطعة قماش ناعمة. تستخدم بشكل متكرر وهذا كل ما تحتاجه للمحافظة على الطلاء.

توصيات عن تغيير مواقع الإطارات

تعمل الإطارات الأمامية والخلفية للسيارة تحت أوزان مختلفة وتقوم بتأدية وظائف مختلفة لتوجيه السيارة وقيادتها وإيقافها. ولهذه الأسباب، فإنها تبلى بمعدلات غير متساوية.

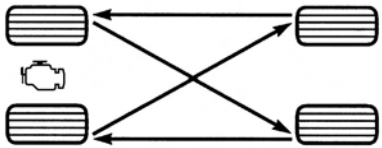
ويمكن تقليل تلك المؤثرات بتغيير مواقع الإطارات بين فترة وأخرى. وتعتبر فوائد تغيير مواقع الإطارات ملموسة خاصة في الإطارات ذات أشكال المداسات العميقة كتلك التي تستعمل في الإطارات الخاصة بكل الفصول التي تستعمل على الطرق العادية والطرق غير الممهدة. تغيير مواقع الإطارات يزيد من عمر مداسات الإطار ويساعدها في توفير سحب عالٍ في الطين والثلج والمطر ويساهم في توفير قيادة مريحة وهادئة.

راجع "كتيب الخدمة والضمان (السيرة الذاتية للسيارة)" لمعرفة فترات الصيانة الصحيحة. وبالإمكان تغيير مواقعها في فترات زمنية متقاربة إذا رغبت في ذلك. ويجب تصحيح أي خطأ يؤدي إلى تلف سريع أو غير اعتيادي للإطارات قبل القيام بتغيير مواقعها.

ملاحظة:

يحدد نظام مراقبة ضغط هواء الإطارات المتميز أوتوماتيكيًا موقع قيم الضغط المعروضة في وضع السيارة الصحيح التالي لتدوير الإطارات.

والطريقة الموصى بها لتغيير مواقع الإطارات هي «التقاطع الخلفي» كما هو موضح في الشكل.



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تغيير مواقع الإطارات (التقاطع الخلفي)

درجات تصنيف جودة الإطارات الموحدة لدى وزارة النقل

تم تصنيف فئات الدرجات التالية بواسطة الإدارة الوطنية لتأمين السلامة على الطرق السريعة. يظهر تصنيف الدرجة المحدد الذي تم تعيينه بواسطة الجهة المُصنِّعة للإطارات في الجدار الجانبي من إطارات سيارتك.

يجب أن تتوافق جميع إطارات سيارات الركاب مع متطلبات السلامة الفيدرالية بالإضافة إلى درجات التصنيف هذه.

بلى المداسات

إن درجة بلى المداسات هي عبارة عن تقدير نسبي يستند إلى معدل البلى الحاصل للإطار عند فحصه في ظروف معينة في مسار مخصص للفحص من قِبل الحكومة. على سبيل المثال، قد يهتري الإطار بدرجة 150 مرة ونصف كما في المسار الحكومي حيث تقدر درجة الإطار بـ 100. يعتمد الأداء النسبي للإطارات على الظروف الفعلية التي يتم استخدام الإطارات فيها، ومع ذلك فإنها قد تنحرف بدرجة كبيرة عن المعيار المعتاد نتيجة للاختلاف في عادات القيادة وممارسات الخدمة والتفاوتات في خصائص الطرق والطقس.

درجات الجر

درجات الجر، من الأعلى إلى الأقل، هي AA وA وB وC. وهذه الدرجات تمثل قدرة الإطار على إيقاف السيارة على سطح مبلل، حيث تم قياسها في ظروف خاضعة للرقابة على أسطح الاختبار الحكومية الممهدة بالأسفلت والخرسانة. قد يكون الإطار المميز بالرمز C ذو أداء جر ضعيف.

استبدال الإطار الاحتياطي ذي الحجم الكامل المُستخدم مؤقتًا ونظرًا لأنه لا يماثل الإطار الأصلي، فقم باستبدال (أو إصلاح) الإطار الأصلي وإعادة تركيبه في السيارة في أول فرصة.

الإطار الاحتياطي محدود الاستخدام - إذا كانت السيارة مزودة بذلك

يُستخدم الإطار الاحتياطي محدود الاستخدام في حالات الطوارئ بصفة مؤقتة فقط. ويتم تمييز هذا الإطار بملصق موجود بعجلة الإطار الاحتياطي محدود الاستخدام.
ويحتوي هذا الملصق على القيود المتعلقة بالقيادة بالنسبة لهذا الإطار الاحتياطي. قد يبدو هذا الإطار مثل الإطار الأصلي المزود على محور الدوران الأمامي أو الخلفي للسيارة ولكنه ليس هو. يؤثر تركيب هذا الإطار الاحتياطي محدود الاستخدام على إمكانية التحكم في السيارة. ونظرًا لأنه لا يماثل الإطار الأصلي، فقم باستبدال (أو إصلاح) الإطار الأصلي وإعادة تركيبه في السيارة في أول فرصة.

تحذير!

حيث تم تصميم الإطارات الاحتياطية محدودة الاستخدام للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. يؤثر تركيب هذا الإطار الاحتياطي محدود الاستخدام على إمكانية التحكم في السيارة. أثناء تركيب هذا الإطار، لا تقد السيارة بسرعة تتجاوز السرعات المقررة للعجلات الاحتياطية محدودة الاستخدام. احتفظ بنفخ الإطار على مستوى ضغط هواء الإطار البارد المذكور على ملصق معلومات الإطار والتحميل على العمود الفاصل بين النوافذ B جهة السائق أو على الحافة الخلفية لباب

(تابع)

تحذير!

السائق. استبدل (أو أصلح) الإطار الأصلي في أول فرصة وأعد تركيبه في السيارة. يؤدي عدم القيام بذلك إلى فقدان السيطرة على السيارة.

العناية بالعجلة وحافتها

ينبغي تنظيف جميع العجلات وأغطيتها المركزية، وبخاصة العجلات المطلية بطبقة من الألومنيوم والكروم، بانتظام باستخدام الصابون المتعادل (درجة حموضة متعادلة) والماء للحفاظ على بريقها ولمنعها من التآكل.
اغسل العجلات باستخدام محلول الصابون ذاته الموصى به لهيكل السيارة وتذكر الغسل دائمًا عندما لا تكون الأسطح ساخنة ويمكن لمسها.

تبقى العجلات عرضة للتآكل الذي تسببه مركبات الملح وكلوريد الصوديوم وكلوريد الماغنسيوم وكلوريد الكالسيوم، إلخ، وغير ذلك من المواد الكيميائية الأخرى المستخدمة في الطرق لإذابة الجليد أو السيطرة على الغبار في الطرق الترابية. استخدم قطعة قماش ناعمة أو قطعة إسفنج وصابونًا متعادلاً للتنظيف الفوري. لا تستخدم مواد كيميائية مركزة أو فرشاة صلبة. فقد تتسبب في إتلاف الطلاء الواقي للعجلة الذي يساعد على المحافظة عليها من التآكل والتشوه.

تنبيه!

تجنب المنتجات أو طرق الغسيل الأوتوماتيكية للسيارات التي تستخدم محاليل حمضية أو إضافات قلوية قوية أو قُرَش خشنة. قد تتسبب العديد من منظفات العجلات التجارية وطرق الغسيل الأوتوماتيكية للسيارات في تلف الطلاء الواقي للعجلة. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف. يوصى باستعمال صابون غسل السيارات أو منظف العجلات من ®Mopar أو بدائلهما فقط.

تنبيه!

لا تستخدم إسفنجة التنظيف أو صوف الفولاذ أو الفرشاة ذات الشعيرات أو مواد التلميع المعدنية أو منظف الأفران. فقد تتسبب هذه المنتجات في تلف الطلاء الواقي للعجلة. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف. يوصى باستعمال صابون غسل السيارات أو منظف العجلات من ®Mopar أو بدائلهما فقط.

ملاحظة:

إذا كنت تنوي إيقاف السيارة أو تخزينها لفترة طويلة بعد تنظيف العجلات باستعمال منظف العجلات، فقم بقيادة السيارة واستعمل الفرامل لإزالة قطرات المياه من مكونات الفرامل. سيعمل هذا الإجراء على إزالة الصدأ الأحمر الموجود على المكونات الدوّارة للفرامل ومنع اهتزاز السيارة عند الفرملة.

الإطار الاحتياطي المطابق للإطار الأصلي والعجلة الأصلية - إذا كانت السيارة مزوّدة بذلك

قد تكون سيارتك مزودة بإطار احتياطي وعجلة احتياطية تشبه في الشكل والوظيفة الإطار والعجلة بالمعدة الأصلية والموجود في المحور الأمامي أو الخلفي بسيارتك. وقد يتم استخدام هذا الإطار الاحتياطي في عملية تغيير مواقع الإطارات. إذا كانت السيارة مزودة بهذا الخيار، فراجع وكيل الإطارات المعتمد للتعرف على نمط تغيير مواقع الإطارات المُوصى به.

الإطار الاحتياطي الصغير — إذا كانت السيارة مزودة بذلك

تم تصميم الإطار الاحتياطي الصغير للاستعمال في الحالات الطارئة بصفة مؤقتة فقط. يمكنك معرفة ما إذا كانت السيارة مزوّدة بإطار احتياطي صغير بالنظر إلى وصف الإطار الاحتياطي الموجود بملصق معلومات الإطار والتحميل الموجود بفتحة باب السائق أو الجدار الجانبي للإطار. حيث تبدأ مواصفات الإطار الاحتياطي المضغوط بحرف "T" أو "S" يسبق علامة الحجم. مثال: T145/80D18 103M.

T، S = إطار احتياطي مؤقت

وحيث إن العمر المتوقع لهذا الإطار قصير، يجب تصليح (أو تبديل) الإطار الأصلي وإعادة تركيبه بالسيارة في أقرب وقت ممكن.

ولا تركب غلافًا للعجلة أو إطارًا أصليًا على عجلة الإطار الاحتياطي الصغير وذلك لأن العجلة مصممة خصيصًا للإطار الاحتياطي الصغير. لا تقم بتركيب أكثر من إطار وعجلة احتياطية صغيرة واحدة في السيارة في الوقت نفسه.

تحذير!

حيث قد تم تصميم الإطارات الاحتياطية الصغيرة والقابلة للطي للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. وعند تركيب هذه الإطارات الاحتياطية لا تقد السيارة بسرعة تزيد عن 80 كم/ساعة (50 ميلاً/ساعة). إن الإطارات الاحتياطية المؤقتة لها عمر مداسات محدود. عند بلي المداسات والوصول إلى مؤشرات بلي المداسات، يجب استبدال الإطار الاحتياطي المخصص للاستخدام المؤقت. احرص على مراعاة التحذيرات التي تنطبق على الإطار الاحتياطي. وإن عدم القيام بذلك يمكن أن يؤدي إلى عطل الإطار الاحتياطي وفقدان السيطرة على السيارة.

الإطار الاحتياطي القابل للطي - إذا كانت السيارة مزودة بذلك

تم تصميم الإطار الاحتياطي القابل للطي للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. يمكنك معرفة ما إذا كانت السيارة مزوّدة بإطار احتياطي قابل للطي بالنظر إلى وصف الإطار الاحتياطي على ملصق معلومات الإطار والتحميل الموجود بفتحة باب السائق أو الجدار الجانبي للإطار.

مثال لوصف الإطار الاحتياطي القابل للطي: 165/80-17 101P.

وحيث إن العمر المتوقع لهذا الإطار قصير، يجب تصليح (أو تبديل) الإطار الأصلي وإعادة تركيبه بالسيارة في أقرب وقت ممكن.

انفخ الإطار القابل للطي فقط بعد تركيب العجلة بشكل صحيح بالسيارة. انفخ الإطار القابل للطي باستخدام مضخة الهواء الكهربية قبل خفض السيارة.

ولا تركب غلافًا للعجلة أو إطارًا أصليًا على عجلة الإطار الاحتياطي القابل للطي وذلك لأن العجلة مصممة خصيصًا للإطار الاحتياطي القابل للطي.

تحذير!

تم تصميم الإطارات الاحتياطية الصغيرة القابلة للطي للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. وعند تركيب هذه الإطارات الاحتياطية لا تقد السيارة بسرعة تزيد عن 80 كم/ساعة (50 ميلاً/ساعة). إن الإطارات الاحتياطية المؤقتة لها عمر مداسات محدود. عند بلي المداسات والوصول إلى مؤشرات بلي المداسات، يجب استبدال الإطار الاحتياطي المخصص للاستخدام المؤقت. احرص على مراعاة التحذيرات التي تنطبق على الإطار الاحتياطي. وإن عدم القيام بذلك يمكن أن يؤدي إلى عطل الإطار الاحتياطي وفقدان السيطرة على السيارة.

الإطار الاحتياطي ذو الحجم الكامل — إذا كانت السيارة مزودة بذلك

تم تصميم الإطار الاحتياطي ذي الحجم الكامل للاستعمال في الحالات الطارئة بصفة مؤقتة فقط. قد يبدو هذا الإطار مثل الإطار الأصلي المزود على محور الدوران الأمامي أو الخلفي للسيارة ولكنه ليس هو. إن هذه الإطارات الاحتياطية قد يكون لها عمر مداسات محدود. عند بلى المداسات والوصول إلى مؤشرات بلى المداسات، يجب

أنواع الإطارات

إطارات جميع الفصول - إذا كانت السيارة مزودة بذلك

توفر إطارات جميع الفصول الجر في جميع الفصول (الربيع والصيف والخريف والشتاء). قد تتنوع مستويات الجر بين إطارات جميع الفصول المختلفة. يمكن التعرف على إطارات جميع الفصول من خلال تصميم M+S أو M&S أو M/S أو MS على الجدار الجانبي للإطار. استخدم إطارات جميع الفصول في مجموعات من أربعة إطارات حتى لا يؤثر ذلك عكسيًا على أمان السيارة وإمكانية التعامل معها.

إطارات الصيف أو الفصول الثلاثة —— إذا كانت السيارة مزودة بذلك

توفر إطارات الصيف الجر في كل من الظروف الرطبة والجافة، وليست مخصصة للقيادة في الثلج أو الجليد. إذا كانت السيارة مزودة بإطارات الصيف، فينبغي الانتباه إلى أن هذه الإطارات ليست مصممة للقيادة في الشتاء أو ظروف القيادة في الطقس البارد. قم بتركيب إطارات الشتاء في سيارتك عندما تكون درجات حرارة المحيطة أقل من 5 درجات مئوية (40 درجة فهرنهايت) أو إذا كانت الطرق مغطاة بالجليد أو الثلج. للتعرف على مزيد من المعلومات، اتصل بالوكيل المعتمد.

لن تتضمن إطارات الصيف تصميم إطارات جميع الفصول أو رمز الجبل/الرقاقة الثلجية على الجدار الجانبي للإطار. استخدم إطارات الصيف في مجموعات من أربعة إطارات حتى لا يؤثر ذلك عكسيًا على أمان السيارة وإمكانية التعامل معها.

تحذير!
لا تستخدم إطارات الصيف في ظروف الجليد/الثلج. فقد تفقد التحكم في السيارة مما يتسبب في حدوث إصابة خطيرة أو الوفاة. كما ينشأ أيضًا عن القيادة بسرعة كبيرة لظروف معينة احتمال فقدان التحكم في السيارة.

إطارات الجليد

تتطلب بعض مناطق البلاد استخدام إطارات الجليد أثناء الشتاء. يمكن التعرف على إطارات الجليد من خلال رمز الجبل/الرقاقة الثلجية الثلج على الجدار الجانبي للإطار.

إذا دعت الحاجة إلى استعمال إطارات للثلج فمن الضروري اختيار إطارات مكافئة في الحجم والنوع للإطارات الأصلية. استخدم إطارات الثلج في مجموعات من أربعة إطارات حتى لا يؤثر ذلك عكسيًا على أمان السيارة وإمكانية التعامل معها.

لإطارات الثلج معدلات سرعة أقل من تلك الخاصة بالإطارات الأصلية ولا يجب استعمالها بشكل مستمر على سرعات أكبر من 120 كم/ساعة (75 ميلاً/ساعة). بالنسبة للسرعات أعلى من 120 كم/ساعة (75 ميلاً/ساعة)، راجع المعدات الأصلية أو وكيل إطارات معتمد للتعرف على سرعات التشغيل الآمنة المُوصى بها والتحميل ومستويات نفخ الإطارات الباردة.

على الرغم من أن الإطارات المزودة بمسامير تحسن من الأداء على الثلج والقدرة على الانزلاق والجر على الأرض المبللة والجافة، قد تكون أسطح الطرقات أسوأ من الأسطح المناسبة للإطارات غير المزودة بمسامير. تحظر بعض الدول الإطارات المزودة بمسامير ولذلك يجب التحقق من القوانين المحلية قبل استعمال هذه الإطارات.

الإطارات الاحتياطية —— إذا كانت السيارة مزوّدة بذلك

ملاحظة:

بالنسبة إلى السيارات المزودة بعدة لحام الإطار بدلاً من الإطار الاحتياطي، يُرجى الرجوع إلى قسم "عدة لحام الإطار" في قسم "في حالات الطوارئ" للحصول على مزيد من المعلومات.

تنبيه!
نظرًا للخلوص الأرضي المنخفض، لا تمر بالسيارة من خلال مغسلة سيارات أوتوماتيكية أثناء تركيب الإطار الاحتياطي المؤقت الصغير أو المحدود الاستخدام. فقد تتعرض السيارة للتلف.

للاطلاع على القيود عند القطر باستخدام إطار احتياطي تم تصميمه للاستخدام المؤقت في حالات الطوارئ ⇦ صفحة ١٩٠.

هذه المؤشرات محفورة في أسفل حزوز المداسات. وستظهر في شكل أشرطة عندما يصل عمق المداس إلى 1.6 مم (1/16 بوصة). عند بلي المداسات والوصول إلى مؤشرات بلي المداسات، يجب استبدال الإطار.

لمزيد من المعلومات ⇦ صفحة ٣٧١.

عمر الإطار

يعتمد عمر خدمة الإطار على عوامل متنوعة ويشمل ذلك على سبيل المثال لا الحصر:

- أسلوب القيادة
- ضغط هواء الإطارات - يمكن أن يؤدي ضغط الهواء البارد غير المناسبة إلى تلف غير متساو في مداسات الإطار. مما يؤدي إلى تقليل عمر الإطار والحاجة إلى تبديله في وقت مبكر.
- مسافة القيادة
- إطارات الأداء، الإطارات ذات تقييم السرعة الأعلى V أو أعلى، وإطارات الصيف، لها عمر مداسات محدود بصورة نموذجية. يُوصى بشدة بتدوير هذه الإطارات حسب ما هو موضح في كتيب الضمان والصيانة للسيارة (السيرة الذاتية للسيارة).

تحذير!

يجب استبدال الإطارات والإطارات الاحتياطية بعد ستة أعوام، بغض النظر عن عمر المداسات. ويؤدي عدم اتباع هذا التحذير إلى حدوث عطل مفاجئ بالإطار. ومن الممكن أن تفقد السيطرة على السيارة وأن تتعرض لحادث يؤدي إلى إصابات خطيرة أو الوفاة.

ملاحظة:

يجب استبدال عمود صمام العجلة أيضًا عند تركيب إطارات جديدة بسبب وجود بلي وتمزق في الإطارات الحالية.

احتفظ بالإطارات غير المركبة في مكان بارد وجاف مع أقل قدر ممكن من التعريض للضوء. قم بحماية الإطارات من الاتصال مع الزيت والشحم والبنزين.

الإطارات البديلة

توفر الإطارات المزودة بها سيارتك الجديدة موازنة ذات مميزات عديدة. ويجب فحصها في فترات منتظمة بحثًا عن تلف بها وتصحيح ضغط هواء الإطار البارد. وتوصي الجهة المُصنِّعة بشدة باستخدام إطارات ذات جودة وأداء ومقاس مماثل للإطارات الأصلية حال الحاجة إلى استبدالها. للمزيد من المعلومات ⇦ صفحة ٣٧٠. ارجع إلى ملصق معلومات الإطار والتحميل أو ملصق شهادة توثيق السيارة للتعرف على الحجم المحدد للإطار. يوجد صنف التحميل ورمز السرعة للإطار على جدار الإطار الأصلي.

يُوصى باستبدال الإطارين الأماميين أو الإطارين الخلفيين كزوجين. حيث قد يكون لاستبدال إطار واحد تأثير سلبيًا على التحكم في السيارة. إذا قمت باستبدال عجلة، فتأكد من تطابق مواصفات العجلة مع مواصفات العجلات الأصلية.

يُوصى بالاتصال بوكيل الإطارات المعتمد أو بوكيل المعدات الأصلية المعتمد للإجابة على أي أسئلة لديك حول مواصفات أو قدرات الإطارات. يؤثر عدم استخدام إطارات بديلة مكافئة على مستويات السلامة والتوجيه وقيادة السيارة.

تحذير!

- لا تستخدم إطارًا أو حجمًا للعجلة أو معدلاً للحمل أو معدلاً للسرعة غير المحدد لسيارتك. فقد يؤدي استعمال نوعيات غير موافق عليها من الإطارات أو العجلات إلى تغيير مقاييس التعليق وخصائص الأداء مما يسفر عن تغييرات في توجيه السيارة والسيطرة عليها وأداء الفرامل. هذا قد يسبب تغييرات في توجيه السيارة وتسليط جهد على أجزاء عجلة القيادة والتعليق. ومن الممكن أن تفقد السيطرة على السيارة وأن تتعرض لحادث يؤدي إلى إصابات خطيرة أو الوفاة. استعمل فقط الإطارات والعجلات بالأحجام ومعدلات التحميل التي يوافق على استعمالها لسيارتك.
- لا تستخدم إطارًا ذي معامل حمل صغير أو قدرة صغيرة بخلاف الإطار الأصلي المزود مع السيارة. يؤدي استخدام إطار ذي معامل حمل صغير إلى زيادة حمل الإطار وتلفه. من الممكن أن تفقد السيطرة على السيارة مما يعرضك للحوادث.
- إن عدم تزويد السيارة بإطارات ذات قدرة متناسبة مع السرعة يمكن أن يؤدي إلى تمزق مفاجئ للإطار وفقدان السيطرة على السيارة.

تنبيه!

استبدال الإطارات الأصلية بإطارات ذات أحجام مختلفة قد يسبب قراءة خاطئة لعداد السرعة وعداد المسافة.

إصلاح الإطارات

إذا أصبح الإطار تالفًا، فقد يتم إصلاحه في حالة استيفاء المعايير التالية:

- لم تتم قيادة السيارة والإطار فارغ من الهواء.
- التلف موجود فقط في جزء المداسات من الإطار (لا يمكن إصلاح التلف الحادث بالجدار الجانبي للإطار).
- عدم تجاوز حجم الثقب 6 مم (ربع بوصة)

استشر وكيل الإطارات المعتمد للتعرف على إصلاحات الإطارات والمعلومات الإضافية.

يجب استبدال الإطارات التالفة التي واصلت السير عند فراغها من الهواء أو الإطارات المفرغة من الهواء التي تعرضت لنقص الضغط فورًا بإطارات مقاومة للثقب من نفس الحجم ووصف الخدمة (صنف التحميل ورمز السرعة). استبدل مستشعر ضغط هواء الإطارات حيث يأتي بتصميم غير قابل للاستخدام مجددًا.

تشغيل الإطارات المفرغة من الهواء – إذا كانت السيارة مزوّدة بها

يتيح لك وضع Run Flat (تشغيل الإطار المفرغ من الهواء) إمكانية القيادة لمسافة 80 كم (50 ميلاً) بسرعة 80 كم/ساعة (50 ميلاً/ساعة) بعد الفقد السريع لضغط الهواء. يشار لهذا الفقد السريع لضغط الهواء بوضع Run Flat (تشغيل الإطار المفرغ من الهواء). يحدث وضع Run Flat (تشغيل الإطار المفرغ من الهواء) عندما يكون ضغط هواء الإطارات 96 كيلوباسكال (14 رطلاً/بوصة مربعة) أو أقل من ذلك. بمجرد أن يصل التشغيل عند فراغ الهواء من الإطارات إلى وضع التشغيل عند فراغ الهواء من الإطارات، سيكون لديك إمكانيات قيادة محدودة وستحتاج إلى استبدال الإطارات على الفور. الإطار الذي يعمل عند فراغه من الهواء يكون غير قابلاً للإصلاح. عند تغيير إطار مفرغ من الهواء بعد القيادة في حالة وضع الإطار المفرغ من الهواء بضغط 96 كيلوباسكال (14 رطلاً/بوصة مربعة)، يُرجى استبدال مستشعر نظام مراقبة ضغط هواء الإطارات (TPMS) لأنه غير مصمم بحث تتم إعادة استخدامه.

ملاحظة:

يجب استبدال مستشعر نظام مراقبة ضغط هواء الإطارات (TPMS) بعد قيادة السيارة والإطار مفرغ من الهواء.

لا يُوصى بقيادة سيارة محملة بكامل سعتها أو بسحب مقطورة أثناء التواجد في وضع Run Flat (تشغيل الإطار المفرغ من الهواء).

للمزيد من المعلومات ⇦ صفحة ٢٧٢.

دوران الإطار السريع

لا تقم بتدوير عجلات السيارة بسرعة أعلى من 48 كم/ساعة (30 ميلاً/ساعة) أو لمدة أطول من 30 ثانية بشكل مستمر دون توقف إذا كانت السيارة عالقة في الطين أو الرمل أو الجليد.

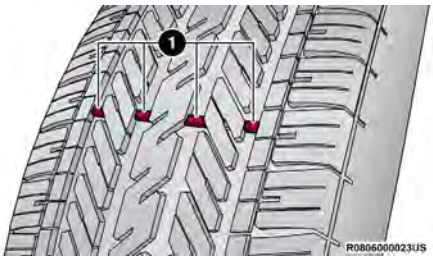
لمزيد من المعلومات ⇦ صفحة ٣٢٩.

تحذير!

إدارة الإطارات بسرعة يمكن أن يشكل خطرًا كبيرًا. حيث يمكن أن تؤدي القوة الناجمة عن السرعات العالية للعجلات إلى إتلاف محور الدوران والإطارات أو حدوث خلل. وقد ينفجر الإطار ويسبب الإصابة لشخص ما. لا تقم بتدوير عجلات السيارة بسرعة أكبر من 48 كم/ساعة (30 ميلاً/ساعة) أو لأكثر من 30 ثانية متواصلة عندما تكون عالقًا ولا تترك أي شخص بالقرب من العجلة عند تدويرها أيًا كانت السرعة.

مؤشرات تلف المداسات

إن هذه المؤشرات موضوعة في الإطارات الأصلية في السيارة لمساعدتك في تحديد الوقت الذي يجب استبدال الإطار فيه.



مداس الإطار

1 — مؤشرات تلف المداسات

ترشيد استهلاك الوقود

يُزيد انخفاض مستوى انتفاخ الإطار من مقاومة الإطار للدوران مما يؤدي إلى زيادة في استهلاك الوقود.

تلف المداس

قد يتسبب ضغط الهواء البارد غير الصحيح في تلف غير عادي للأنماط وتقليل عمر مداسات الإطار، مما يؤدي إلى الحاجة إلى استبدال الإطار مبكرًا.

الراحة أثناء الركوب واستقرار السيارة

يساهم الانتفاخ المناسب للإطارات في توفير ركوب مريح. وتسبب زيادة الانتفاخ ارتجاجاً مفاجئاً وركوباً غير مريح.

قيم ضغط نفخ الإطارات

يتم توضيح ضغط هواء الإطار البارد على العمود الفاصل بين النوافذ B الموجود ناحية السائق أو على الحافة الخلفية لباب السائق.

مرة في الشهر على الأقل:

- تحقق من ضغط الإطار واضبطه باستخدام مقياس عالي الجودة من النوع الجيبي للتحقق من الضغط. لا تعتمد على النظر عند تحديد مستوى الانتفاخ المناسب. قد تبدو الإطارات منتفخة بشكل صحيح حتى إذا كانت غير منتفخة بشكل كاف.
- افحص الإطارات بحثًا عن وجود دلائل على تآكل الإطار أو تلف مرئي.

تنبيه!
بعد القيام بفحص أو ضبط ضغط الإطار، قم دائمًا بإعادة تركيب غطاء عمود الصمام. سيؤدي ذلك إلى منع الرطوبة والأوساخ من الدخول إلى عمود الصمام، مما قد يؤدي إلى تلفه.

مستويات ضغط هواء الإطارات المحددة في بطاقة معلومات الإطارات هي دائمًا "ضغط هواء الإطار البارد". يتم تعريف ضغط هواء الإطار البارد على أنه ضغط الإطار بعد توقف السيارة لمدة لا تقل عن ثلاث ساعات على الأقل، أو قيادتها لمسافة أقل من 1.6 كم (1ميل) بعد ثلاث ساعات على الأقل. يجب ألا يتجاوز ضغط هواء الإطار البارد أقصى ضغط هواء مطبوع على الجدار الجانبي للإطار.

افحص مستويات ضغط الإطارات في فترات أقصر إذا كان الإطار عرضة لدرجات حرارة خارجية متغيرة بشكل كبير حيث تتغير ضغوط الإطارات مع تغير درجات الحرارة.

يتغير ضغط الإطار حوالي 7 كيلوباسكال (1 رطل/بوصة مربعة) لكل تغير في درجة الحرارة مقداره 7 درجات مئوية (12 درجة فهرنهايت). يجب عليك تذكر هذا الأمر عند القيام بفحص ضغط إطار السيارة بداخل المرآب خصوصًا في فصل الشتاء.

مثال: إذا كانت درجة حرارة المرأب = 20 درجة مئوية (68 درجة فهرنهايت) ودرجة الحرارة الخارجية = صفر درجة مئوية (32 درجة فهرنهايت)، فيجب زيادة ضغط هواء الإطار البارد بمقدار 21 كيلوباسكال (3 أرطال/بوصة مربعة) وهو ما يساوي 7 كيلوباسكال (1 رطل/بوصة مربعة) لكل 7 درجات مئوية (12 درجة فهرنهايت) ليتناسب مع درجة الحرارة الخارجية هذه.

وقد يزداد ضغط الإطار من 13 إلى 40 كيلوباسكال (من 2 إلى 6 أرطال/بوصة مربعة) أثناء الاستعمال. لا تقلل هذا الازدياد الطبيعي لأن ضغط الإطار سيصبح قليلاً جدًا.

ضغط هواء الإطار للتشغيل بسرعة عالية

تنصح الجهة المُصنِّعة بقيادة السيارة بسرعة سليمة وحسب القوانين الملزمة. وعندما تسمح الظروف أو قوانين تحديد السرعة بقيادة السيارة بسرعة عالية يعتبر تعديل ضغط الهواء في الإطارات أمرًا مهمًا. قد يلزم زيادة ضغط الإطار وخفض حمولة السيارة لتشغيل السيارة بسرعات عالية. راجع وكيل الإطارات المعتمد أو وكيل المعدات الأصلية للسيارات المعتمد للتعرّف على سرعات التشغيل الآمنة المُوصى بها والتحميل وقيم ضغط هواء الإطار البارد.

تحذير!
من الخطر قيادة سيارة محملة بأقصى حمولة بسرعة عالية. فالوزن المضاف على إطارات سيارتك يمكن أن يسبب تلفها. وقد تتعرض لحوادث خطيرة نتيجة لذلك. لا تقم بقيادة سيارة محملة إلى أقصى سعة لها بسرعات متواصلة أعلى من 120 كم/ساعة (75 ميلاً/ساعة).

الإطارات ذات الطيات القطرية

تحذير!
إن استخدام إطارات بطيات قطرية مع إطارات اعتيادية يؤدي إلى تقليل تجاوب سيارتك لحركة عجلة القيادة. قد يتسبب عدم الاستقرار هذا في وقوع حادث. استخدم دائمًا الإطارات ذات الطيات القطرية في مجموعات من أربعة إطارات. ولا تستخدم معها أبدًا إطارات من نوع آخر.

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F84	–	15 أمبير أزرق	SNSR_UWB (1-7)
F85	–	–	المنصهر الاحتياطي
F86	–	15 أمبير أزرق	دعامة أسفل الظهر للسائق ومفتاح الراكب *
F87	–	–	المنصهر الاحتياطي
F88	20 أمبير أزرق	–	وحدة MUX للباب الخلفي للسائق - الموتور الذكي
CB1	–	20 أمبير أصفر	مأخذ الطاقة الخلفي الأيمن

استبدال اللمبة

المصابيح البديلة والأسماء وأرقام القطع

سيارتك مزوّدة بمصابيح LED. في حال حدوث عطل في الإضاءة، يُرجى الرجوع إلى الوكيل المعتمد لاستبدال إضاءة LED.

الإطارات

الإطارات - معلومات عامة

Tire Pressure (ضغط هواء الإطارات)

يعتبر ضغط الهواء المناسب لإطاراتك مهمًا جدًا لتوفير تشغيل سليم ومرض لسيارتك. وهناك أربعة أمور أساسية تتأثر بضغط هواء الإطارات غير الصحيح وهي كما يلي:

- السلامة
- ترشيد استهلاك الوقود
- تلف المداس
- الراحة أثناء الركوب واستقرار السيارة

السلامة

تحذير!

- نفخ الإطارات بصورة غير صحيحة يعتبر خطيرًا ويمكن أن يؤدي إلى وقوع حوادث.
- قلة ضغط الهواء في الإطار تزيد من تمدد الإطار وقد تؤدي إلى زيادة سخونته وتلفه.
- تقلل زيادة ضغط الهواء في الإطار من قابلية الإطار على تخفيف الصدمات. وقد تسبب الأشياء والحفر الموجودة في الطريق تلفًا في الإطار.
- قد تؤثر الإطارات ذات مستويات الانتفاخ الزائدة أو المنخفضة على إمكانية التحكم في السيارة وقد تتلف فجأة مؤدية إلى فقدان السيطرة على السيارة.
- عدم تساوي الضغط في الإطارات يمكن أن يسبب مشاكل في توجيه عجلة القيادة. وبالتالي قد تفقد السيطرة على السيارة.

(تابع)

تحذير!

- قد يتسبب اختلاف ضغط هواء الإطارات بين أحد جانبي السيارة والجانب الآخر في انحراف السيارة إلى اليمين أو اليسار.
- احرص على قيادة السيارة دائمًا عندما يكون كل إطار منتفخًا إلى ضغط هواء الإطار البارد.

وتؤثر زيادة الانتفاخ وقلته على حد سواء على استقرار السيارة وتؤدي إلى تجاوب بطئ أو مفاجئ في توجيه عجلة القيادة.

ملاحظة:

- يمكن أن تؤدي ضغوط الإطارات غير المتساوية من أحد جانبي السيارة إلى انحراف السيارة إلى اليمين واليسار فجأة وعدم السيطرة على عجلة القيادة.
- يمكن أن تؤدي ضغوط الإطارات غير المتساوية إلى انحراف السيارة إلى اليمين واليسار.

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F62	–	20 أمبير أصفر	وحدة مدفأة المقعد الأمامية (السائق) *
F63	30 أمبير وردي	–	مجموعة قابس سحب المقطورة من النوع +B
F64	–	10 أمبير أحمر	وحدة الهاتف الذكي كمفتاح
F65	–	–	المنصهر الاحتياطي
F66	20 أمبير أزرق	–	وحدة MUX للباب الخلفي للراكب - الموتور الذكي
F67	–	30 أمبير أخضر	وحدة مضخم الصوت رقم 1B
F68	–	–	المنصهر الاحتياطي
F69	–	20 أمبير أصفر	وحدة قرار ASAS المركزي من المستوى 2+ (CADM) متوسط*
F70	–	10 أمبير أحمر	وحدة توجيه الفيديو (VRM)
F71	–	5 أمبير بيج	مقبض الباب الذكي للسائق
F72	–	–	المنصهر الاحتياطي
F73	–	–	المنصهر الاحتياطي
F74	–	–	المنصهر الاحتياطي
F75	–	5 أمبير بيج	مقبض باب ذكي خلفي يسار
F76	–	5 أمبير بيج	مقبض الباب الذكي للراكب
F77	–	–	المنصهر الاحتياطي
F78	–	–	المنصهر الاحتياطي
F79	–	–	المنصهر الاحتياطي
F80	–	–	المنصهر الاحتياطي
F81	–	20 أمبير أصفر	وحدة مدفأة المقعد الأمامي (الراكب) *
F82	–	10 أمبير أحمر	الإضاءة المتحركة الخلفية اليمنى / ضاغط الهواء (جهاز نفخ الإطارات) / الإضاءة المتحركة لمصباح المؤخرة في باب المؤخرة
F83	–	–	المنصهر الاحتياطي

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F42B	–	–	المنصهر الاحتياطي
F43	–	–	المنصهر الاحتياطي
F44A	–	20 أمبير أصفر	منطقة حمولة مأخذ الطاقة بجهد 12 فولت (الإشعال)
F44B	–	20 أمبير أصفر	منطقة حمولة مأخذ الطاقة بجهد 12 فولت (البطارية)
F45	–	20 أمبير أصفر	وحدة CRSM (المقعد المسخن الأيمن والخلفي الأيمن)
F46	30 أمبير وردي	–	تغذية الصف الثالث لوحدة المقعد القابل للطي رقم 1 *
F47	–	–	المنصهر الاحتياطي
F48	–	–	المنصهر الاحتياطي
F49	–	–	المنصهر الاحتياطي
F50	–	15 أمبير أزرق	وحدة تدليك مقعد السائق (SSMD) / وحدة تدليك مقعد الراكب (SSMP) *
F51	–	–	المنصهر الاحتياطي
F52	–	20 أمبير أصفر	وحدة CRSM (المقعد المسخن الأيمن الخلفي والأيسر) *
F53	30 أمبير وردي	–	الترس التفاضلي المحدود الانزلاق إلكترونيًا (ELSD) الخلفي رقم 1 *
F54	–	–	المنصهر الاحتياطي
F55	30 أمبير وردي	–	تغذية الصف الثالث لوحدات المقاعد القابلة للطي رقم 2 *
F56	–	–	المنصهر الاحتياطي
F57	–	10 أمبير أحمر	وحدة التحكم في التسخين والتهوية ومكيف الهواء (HVAC) الخلفية اليمنى / وحدة فئة الركاب / CVPAM / وحدة ITCM / Parktronics
F58	–	15 أمبير أزرق	شحن USB إضافي في الصف الثالث (أيسر - أيمن فقط) / منفذ USB للطاقة ومنفذ UBS للكونسول (القناة فقط)
F59	–	5 أمبير بيج	مقبض باب ذكي خلفي يمين
F60	25 أمبير شفاف	–	مروحة التسخين والتهوية ومكيف الهواء (HVAC) الخلفية اليمنى
F61	–	–	المنصهر الاحتياطي

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F23	–	10 أمبير أحمر	نظام الترفيه في المقعد الخلفي (السائق / الراكب)
F24	–	–	المنصهر الاحتياطي
F25	30 أمبير وردي	–	وحدة باب الراكب MUX
F26	–	–	المنصهر الاحتياطي
F27	–	–	المنصهر الاحتياطي
F28	30 أمبير وردي	–	وحدة الذاكرة / المقعد العامل بالطاقة (الأمامي للراكب)
F29A	–	10 أمبير أحمر	الإضاءة المتحركة اليمنى والخلفية اليمنى
F29B	–	10 أمبير أحمر	الإضاءة المتحركة الخلفية اليمنى واليسرى
F30	30 أمبير وردي	–	وحدة الذاكرة / المقعد العامل بالطاقة (الأمامي للسائق)
F31	–	–	المنصهر الاحتياطي
F32	–	–	المنصهر الاحتياطي
F33	–	–	المنصهر الاحتياطي
F34	30 أمبير وردي	–	وحدة باب السائق MUX
F35	25 أمبير شفاف	–	وحدة سحب المقطورة المدمجة رقم 2
F36A	–	10 أمبير أحمر	وحدة إضاءة قاعدة الأحداث الذكية
F36B	–	–	المنصهر الاحتياطي
F37	25 أمبير شفاف	–	وحدة سحب المقطورة المدمجة رقم 1
F38	–	–	المنصهر الاحتياطي
F39	–	–	المنصهر الاحتياطي
F40	–	30 أمبير أخضر	وحدة مضخم الصوت رقم 1A
F41	–	–	المنصهر الاحتياطي
F42A	–	10 أمبير أحمر	كونسول USB الأمامي لفيديو RSE/وحدة شاشة عرض الراكب الأمامي لموزع الوسائط (FPDM)

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F05	150 أمبير رمادي	–	تغذية بطارية مركز توزيع الطاقة تحت غطاء المحرك
F06	–	–	المنصهر الاحتياطي
F07	–	–	المنصهر الاحتياطي
F08	–	–	المنصهر الاحتياطي
F09	–	–	المنصهر الاحتياطي
F10	–	–	المنصهر الاحتياطي
F11	–	–	المنصهر الاحتياطي
F12	–	–	المنصهر الاحتياطي
F13	30 أمبير وردي	–	ضاغط الهواء (جهاز نفخ الإطارات)
F14	25 أمبير شفاف	–	السقف المتحرك ذو الستارة الشمسية بموتور
F15A	–	–	المنصهر الاحتياطي
F15B	–	10 أمبير أحمر	باب المؤخرة الذي يعمل من دون استخدام اليدين / مفاتيح النافذة الخلفية / وحدة التحكم في التسخين والتهوية ومكيف الهواء (HVAC) الخلفية
F16	–	–	المنصهر الاحتياطي
F17	–	–	المنصهر الاحتياطي
F18	25 أمبير شفاف	–	وحدة باب المؤخرة العامل بالطاقة
F19A	–	10 أمبير أحمر	المستوى 2+ وحدة إضاءة تنبيه السائق
F19B	–	10 أمبير أحمر	الإضاءة المتحركة الخلفية اليمنى واليسرى
F20A	–	15 أمبير أزرق	وحدة قرار ASAS المركزي (CADM) - منخفض
F20B	–	–	المنصهر الاحتياطي
F21A	–	–	المنصهر الاحتياطي
F21B	–	10 أمبير أحمر	السقف المتحرك – إضاءة مفتاح مقعد الصف الثاني والثالث المزدوج اللوحة
F22	–	–	المنصهر الاحتياطي

مركز توزيع الطاقة الخلفي

موقع مركز توزيع الطاقة الخلفي

يوجد مركز توزيع الطاقة الخلفي خلف غطاء كسوة اللوحة الربعية لجانب السائق الخلفي. حيث يحتوي هذا المركز على المنصهرات الكبيرة والمنصهرات الصغيرة والمرحلات وقواطع الدائرة. يتوافق الجدول التالي مع الجزء الداخلي من المنصهرات.

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F63A	–	15 أمبير أزرق	منفذ USB أمامي مزدوج لوحدة UC1 / وحدة لوحة الشحن اللاسلكية (WCPM) - عالٍ/ممتاز فقط
F63B	–	15 أمبير أزرق	وحدة صندوق الاتصالات والمعلومات (TBM)/وحدة (DCSD)/وحدة شاشة عرض الراكب الأمامي (FPDM)
F64A	–	10 أمبير أحمر	وحدة التحكم في تثبيت الركاب (ORC)
F64B	–	10 أمبير أحمر	وحدة التحكم في عمود التوجيه (SCCM)
F65	–	5 أمبير أسمر	وحدة SGW (الأمن الإلكتروني)
F66	–	–	المنصهر الاحتياطي
CB1	–	–	المنصهر الاحتياطي
CB2	–	–	المنصهر الاحتياطي
CB3	–	–	المنصهر الاحتياطي
CB4	–	–	المنصهر الاحتياطي
CB5	–	–	المنصهر الاحتياطي
CB6	–	–	المنصهر الاحتياطي

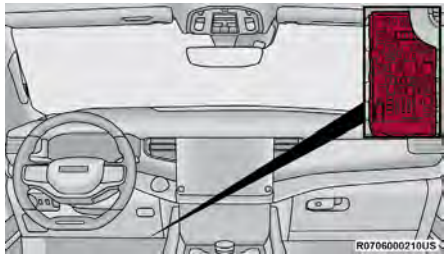
الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F47A	–	–	المنصهر الاحتياطي
F47B	–	–	المنصهر الاحتياطي
F48A	–	–	المنصهر الاحتياطي
F48B	–	–	المنصهر الاحتياطي
F49	–	7.5 أمبير بني	وحدة محور التردد اللاسلكي / وحدة الإشعال (MD KIN)
F50A	–	10 أمبير أحمر	منفذ USB خلفي مزدوج لواجهة العميل القياسية (UCI)
F50B	–	10 أمبير أحمر	تشخيصات المنفذين 1 و2
F51A	–	–	المنصهر الاحتياطي
F51B	–	–	المنصهر الاحتياطي
F52	–	–	المنصهر الاحتياطي
F53	–	20 أمبير أصفر	وحدة CMCM (الراديو)
F54A	–	–	المنصهر الاحتياطي
F54B	–	–	المنصهر الاحتياطي
F55	–	–	المنصهر الاحتياطي
F56	–	–	المنصهر الاحتياطي
F57	–	–	المنصهر الاحتياطي
F58	–	–	المنصهر الاحتياطي
F59	–	–	المنصهر الاحتياطي
F60	–	–	المنصهر الاحتياطي
F61	–	–	المنصهر الاحتياطي
F62A	–	–	المنصهر الاحتياطي
F62B	–	–	المنصهر الاحتياطي

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F30	–	–	المنصهر الاحتياطي
F31	–	–	المنصهر الاحتياطي
F32	–	10 أمبير أحمر	وحدة صف مفاتيح ICS / صف المفاتيح العلوي / مفتاح فرامل التوقف الكهربية (EPB) / وحدة صف المفاتيح الإضافية (ASBM) / وحدة التحكم في التدفئة والتهوية وتكييف الهواء (HVAC) الأمامية / مستشعر الرطوبة والمطر والضوء (HRLS)
F33	–	15 أمبير أزرق	مفتاح علبة النقل / صف المفاتيح السفلي / وحدة صف مفاتيح ICS الخلفية / شاشة عرض التحكم في درجة الحرارة / مفتاح نظام التعليق *
F34	–	–	المنصهر الاحتياطي
F35	–	10 أمبير أحمر	أجهزة تدفئة IRCAM
F36	–	–	المنصهر الاحتياطي
F37	–	–	المنصهر الاحتياطي
F38	–	–	المنصهر الاحتياطي
F39	–	–	المنصهر الاحتياطي
F40	–	–	المنصهر الاحتياطي
F41A	–	–	المنصهر الاحتياطي
F41B	–	–	المنصهر الاحتياطي
F42A	–	–	المنصهر الاحتياطي
F42B	–	10 أمبير أحمر	وحدة التحكم في التدفئة والتهوية وتكييف الهواء (HVAC) الأمامية
F43A	–	–	المنصهر الاحتياطي
F43B	–	–	المنصهر الاحتياطي
F44	–	15 أمبير أزرق	وحدة مجموعة CCN / وحدة SGW (الأمن الإلكتروني)
F45	30 أمبير وردي	–	وحدة المحول بقدرة 150 وات
F46	–	–	المنصهر الاحتياطي

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F09	–	–	المنصهر الاحتياطي
F10	40 أمبير أخضر	–	محرك مروحة التسخين والتهوية ومكيف الهواء (HVAC)
F11	–	–	المنصهر الاحتياطي
F12	–	20 أمبير أصفر	مجموعة ولاعة السجائر
F13	–	10 أمبير أحمر	مرآة الرؤية الخلفية الداخلية ASSY / السقف المتحرك الأحادي - الثنائي اللوحة / منفذ USB خلفي مزدوج لوحدة UC1 / كاميرا المراقبة الداخلية
F14	–	10 أمبير أحمر	صندوق الثلاجة / الخزانة في السيارة *
F15A	–	–	المنصهر الاحتياطي
F15B	–	–	المنصهر الاحتياطي
F16	–	10 أمبير أحمر	وحدة التحكم في تثبيت الركاب (ORC)
F17	–	–	المنصهر الاحتياطي
F18	–	–	المنصهر الاحتياطي
F19	–	–	المنصهر الاحتياطي
F20	–	10 أمبير أحمر	مجموعة وحدة التحكم العلوية (OHC) مع الستارة الشمسية / وحدة الاقتحام
F21	30 أمبير وردي	–	فرامل سحب المقطورة الكهربية - متوفرة بالأسواق
F22	–	–	المنصهر الاحتياطي
F23	–	–	المنصهر الاحتياطي
F24	–	–	المنصهر الاحتياطي
F25	–	–	المنصهر الاحتياطي
F26	–	–	المنصهر الاحتياطي
F27	–	–	المنصهر الاحتياطي
F28	–	–	المنصهر الاحتياطي
F29	–	–	المنصهر الاحتياطي

مركز توزيع الطاقة الداخلي

يقع مركز توزيع الطاقة الداخلي أسفل لوحة أجهزة القياس بجانب السائق. حيث يحتوي هذا المركز على المنصهرات الكبيرة والمنصهرات الصغيرة والمرحلات وقواطع الدائرة.



موقع مركز توزيع الطاقة الداخلي

ملاحظة:

تجب صيانة المنصهرات لأنظمة السلامة بواسطة وكيل معتمد.

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
*** إذا كانت السيارة مزودة بذلك**			
F01	–	–	المنصهر الاحتياطي
F02	–	–	المنصهر الاحتياطي
F03	–	15 أمبير أزرق	وحدة مدفأة المقعد الأمامي (عجلة القيادة) *
F04	–	10 أمبير أحمر	وحدة الرؤية الليلية / كاميرا مراقبة السائق (DMC)
F05	–	–	المنصهر الاحتياطي
F06	–	–	المنصهر الاحتياطي
F07	–	–	المنصهر الاحتياطي
F08	–	10 أمبير أحمر	وحدة ناقل صندوق التروس الأوتوماتيكي (AGSM) / قفل عمود التوجيه / شاشة العرض على الزجاج الأمامي (HUD)

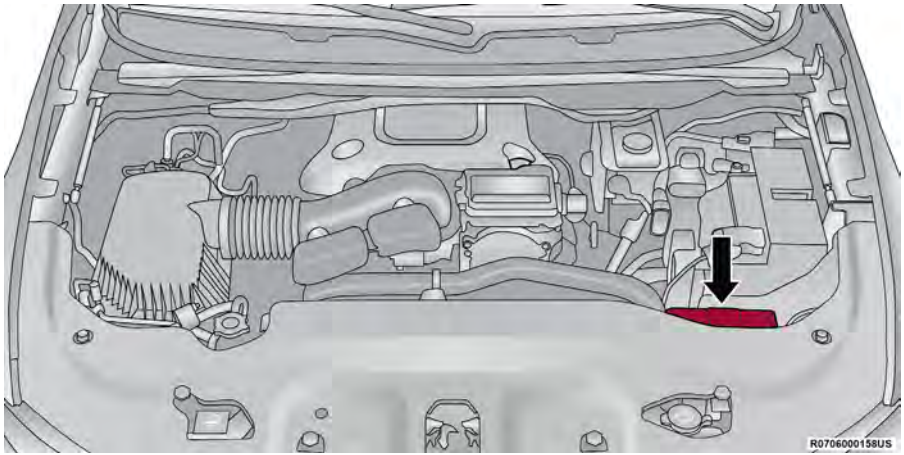
الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F89	–	–	المنصهر الاحتياطي
F90	–	–	المنصهر الاحتياطي
F91	–	–	المنصهر الاحتياطي
F92	20 أمبير أزرق	–	مزيل الثلوج الأمامي *
F93	25 أمبير شفاف	–	مضخة الوقود *
F94	–	10 أمبير أحمر	قابض ضاغط مكيف الهواء
F95	–	–	المنصهر الاحتياطي
F96	–	–	المنصهر الاحتياطي
F97	–	–	المنصهر الاحتياطي
F98A	–	15 أمبير أزرق	مروحة التبريد *
F98B	–	15 أمبير أزرق	تبريد بطارية المضخة *
F99	–	–	المنصهر الاحتياطي
F100	–	–	المنصهر الاحتياطي
F101	–	–	المنصهر الاحتياطي
F102	25 أمبير شفاف	–	مضخة الوقود *
F103	–	–	المنصهر الاحتياطي
F104	–	–	المنصهر الاحتياطي
F105A	–	–	المنصهر الاحتياطي
F105B	–	15 أمبير أزرق	مضخة سائل التبريد ذي الراديياتير المنخفض الحرارة (LTR)

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F68	–	20 أمبير أصفر	المصباح الأمامي الأيمن
F69	–	–	المنصهر الاحتياطي
F70	–	20 أمبير أصفر	ملف الإشعال */غطاء الإشعال */حقن الوقود *ISCM/ *
F71	–	–	المنصهر الاحتياطي
F72	–	–	المنصهر الاحتياطي
F73	–	–	المنصهر الاحتياطي
F74	–	5 أمبير أسمر	وحدة مولّد المحرك *
F75	30 أمبير وردي	–	الماسحة الأمامية
F76	–	–	المنصهر الاحتياطي
F77	–	20 أمبير أصفر	TCM SBW
F78	–	20 أمبير أصفر	صمام المجرى القصير / وحدة التحكم في المحرك (ECM)
F79	–	15 أمبير أزرق	حقن الوقود * / الملف اللولبي للتموّر * / مستشعر الزيت * / صمام الهواء * / تجاوز نظام الفحص الذاتي (OBD) * / وحدات تسخين الأكسجين (O2) *
F80	20 أمبير أزرق	–	وحدة التحكم في المحرك (ECM)
F81	40 أمبير أخضر	–	تغذية BCM رقم 4
F82	–	–	المنصهر الاحتياطي
F83	–	–	المنصهر الاحتياطي
F84	–	–	المنصهر الاحتياطي
F85	–	10 أمبير أحمر	PCR *
F86	50 أمبير أحمر	–	تغذية مراقبة النقاط الخفية (BSM) 1
F87	–	–	المنصهر الاحتياطي
F88	50 أمبير أحمر	–	تغذية مراقبة النقاط الخفية (BSM) 2

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F47	–	10 أمبير أحمر	BPCM
F48	–	10 أمبير أحمر	CVPAM
F49	–	30 أمبير أخضر	صمامات نظام التعليق الهوائي
F50	–	–	المنصهر الاحتياطي
F51	–	20 أمبير أصفر	مضخة الوقود * / FPCM *
F52	–	–	المنصهر الاحتياطي
F53	–	–	المنصهر الاحتياطي
F54	–	20 أمبير أصفر	المصباح الأمامي الأيسر
F55	–	–	المنصهر الاحتياطي
F56	–	–	المنصهر الاحتياطي
F57	–	–	المنصهر الاحتياطي
F58	–	–	المنصهر الاحتياطي
F59	50 أمبير أحمر	–	التعليق الهوائي
F60	–	–	المنصهر الاحتياطي
F61	–	–	المنصهر الاحتياطي
F62	–	–	المنصهر الاحتياطي
F63	–	20 أمبير أصفر	الجزء الأمامي من غاسلة الكاميرا
F64	–	–	المنصهر الاحتياطي
F65	–	15 أمبير أزرق	غالق شبكة ACT/حاجز هواء ACT/صمام سائل التبريد RATVM/* LCVM
F66	–	20 أمبير أصفر	آلات التنبيه
F67	–	10 أمبير أحمر	وحدة التحكم في مجموعة الدفع والحركة (DTCM)/وحدة تركيب المحرك القابلة للتبديل/مراقبة النقاط الخفية (BSM) رقم 2

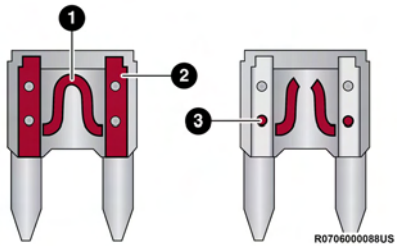
الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
		* إذا كانت السيارة مزودة بذلك	
F24	–	20 أمبير أزرق	مضخة الوقود XFR *
F25	–	–	الإطار الاحتياطي
F26	50 أمبير أحمر	–	موتور مراقبة النقاط الخفية (BSM) رقم 2 *
F27	30 أمبير وردي	–	مزيل الصقيع من النافذة الخلفية
F28	–	–	المنصهر الاحتياطي
F29	–	–	المنصهر الاحتياطي
F30	–	–	المنصهر الاحتياطي
F31	40 أمبير أخضر	–	تغذية BCM رقم 3
F32	–	–	المنصهر الاحتياطي
F33	30 أمبير وردي	–	الدرج الجانبي العامل بالطاقة *
F34	–	–	المنصهر الاحتياطي
F35	–	–	المنصهر الاحتياطي
F36	50 أمبير أحمر	–	تغذية BCM رقم 1
F37	30 أمبير وردي	–	وحدة DTCM
F38	50 أمبير أحمر	–	تغذية BCM رقم 2
F39	–	–	المنصهر الاحتياطي
F40	–	5 أمبير أسمر	مستشعر البطارية رقم 1
F41	–	20 أمبير أصفر	خريطة وحدة قرار ASAS المركزي (CADM) *
F42	–	–	المنصهر الاحتياطي
F43	–	10 أمبير أحمر	وحدة التحكم في المحرك (ECM)
F44	–	–	المنصهر الاحتياطي
F45	–	–	المنصهر الاحتياطي
F46	–	5 أمبير أسمر	مستشعر البطارية رقم 2*

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
* إذا كانت السيارة مزودة بذلك			
F05	80 أمبير رمادي	–	التوجيه المعزز كهربيًا رقم 2
F06	التفريعة	–	البطارية الإضافية *
F07	100 أمبير رمادي	–	مروحة الراديتير
F08	–	–	المنصهر الاحتياطي
F09	80 أمبير رمادي	–	IPDC
F10	150 أمبير رمادي	–	RPDC
F11	150 أمبير رمادي	–	PCR *
F12	–	–	المنصهر الاحتياطي
F13	40 أمبير أخضر	–	جهاز بدء التشغيل
F14	–	10 أمبير أحمر	GNMM */ VPMS *
F15	–	10 أمبير أحمر	وحدة التحكم في المحرك (ECM) *
F16	–	15 أمبير أزرق	مجموعة أجهزة القياس
F17A	–	10 أمبير أحمر	EPS
F17B	–	10 أمبير أحمر	وحدة الكتلة النشطة المضبوطة (ATMM) *
F18	–	–	المنصهر الاحتياطي
F19	30 أمبير وردي	–	صمامات مراقبة النقاط الخفية (BSM) رقم 2 *
F20	–	–	المنصهر الاحتياطي
F21	–	–	المنصهر الاحتياطي
F22	–	–	المنصهر الاحتياطي
F23A	–	10 أمبير أحمر	وحدة التحكم في المحرك (ECM) / وحدة مجموعة الطاقة (PPU) * / وحدة مولّد الموتور (MGU) * / نظام مراقبة النقاط الخفية (BSM) / SLM
F23B	–	10 أمبير أحمر	نظام التعليق الهوائي / ELSD-RR / التوجيه المعزز كهربيًا (EPS)



مركز توزيع الطاقة

الفجوة	علبة المنصهرات	المنصهر الصغير	الوصف
		* إذا كانت السيارة مزودة بذلك	
F01	–	–	بطارية ذراع التدوير
F02	80 أمبير رمادي	–	التوجيه المعزز كهربيًا رقم 1
F03	500 أمبير رمادي	–	جهاز بدء التشغيل
F04	250 أمبير رماديًا	–	مولد التيار المتردد



منصهرات الشفرات

1 — عنصر المنصهر
2 — منصهر ذو شفرة مع عنصر منصهر بحالة جيدة/يعمل
3 — منصهر ذو شفرة مع عنصر منصهر بحالة رديئة/لا يعمل (منصهر محترق).

منصهرات تحت غطاء المحرك

يوجد مركز توزيع الطاقة في جانب الراكب من غرفة المحرك، وذلك خلف المصباح الأمامي. حيث يحتوي هذا المركز على المنصهرات الكبيرة والمنصهرات الصغيرة والمرحلات وقواطع الدائرة. قد يكون هناك وصف لكل منصهر ومكون مطبوعًا على الغطاء الداخلي، أو تتم طباعة رقم الفجوة لكل منصهر على الغطاء الداخلي المناظر للجدول التالي.

تنبيه!
عند تركيب غطاء مركز توزيع الطاقة؛ يلزم التأكد من وضع الغطاء بطريقة صحيحة، والتأكد أيضًا من غلقه بإحكام. قد يسمح عدم القيام بذلك بدخول الماء إلى مركز توزيع الطاقة، الأمر الذي قد يؤدي إلى تعطل النظام الكهربي.

فحص مستوى سائل محور الدوران الخلفي

يجب ألا يقل مستوى زيت المحور الخلفي عن 1/8 بوصة (3 ملم) أسفل الجزء السفلي من فتحة التعبئة.

يجب إحكام ربط سدادات التعبئة والتصريف للمحور الخلفي بمقدار يتراوح ما بين 30 و40 نيوتن متر (22 و29 قدمًا/رطل).

تنبيه!
لا تحكم تثبيت السدادات بشكل مفرط حيث قد يؤدي ذلك إلى تلفها وحدوث تسرب بها.

اختيار زيت التشحيم

استخدم فقط المائع الموصى به من الجهة المصنعة ⇦ صفحة ٣٨٤.

علبة النقل

فحص مستوى السائل

لإجراء عمليات الصيانة العادية، لا يلزم إجراء عمليات فحص دورية لمستوى السائل. عند صيانة السيارة لأسباب أخرى، يجب فحص الأسطح الخارجية لمجموعة علبة النقل. في حالة الشك في تسرب الزيت، افحص مستوى الزيت.

إضافة السائل

أضف السائل إلى فتحة تعبئة علبة النقل حتى ينسكب من الفتحة عندما تكون السيارة في وضع مستو.

التصريف

قم أولاً بنزع سدادة فتحة تعبئة الوقود، ثم انزع سدادة التصريف بعد ذلك. يبلغ عزم الربط الموصى به لسدادات التصريف والتعبئة 20 إلى 34 نيوتن متر (15 إلى 25 قدمًا رطل).

تنبيه!
عند تركيب الأغطية، لا تقم بإحكام ربطها بصورة زائدة. فقد تتسبب في تلفها وإحداث تسرب بها.

اختيار زيت التشحيم

استخدم فقط المائع الموصى به من الجهة المصنعة ⇦ صفحة ٣٨٤.

المنصهرات

معلومات عامة

تحذير!
• عند استبدال منصهر محترق، استخدم دائمًا منصهرًا بديلاً مناسبًا بنفس معدل أمبير المنصهر الأصلي. لا تستبدل منصهرًا بآخر بمعدل أمبير أعلى. كما أن استخدام أي منصهر بمعدل يختلف عن ذلك المعدل الموضح قد يؤدي حدوث تحميل خطير في النظام الكهربي. وفي حالة استمرار احتراق المنصهرات التي يتم تركيبها، فإن ذلك يدل على وجود مشكلة في الدائرة يلزم علاجها. لا تستبدل منصهرًا محترقًا بأسلاك معدنية أو أي مادة أخرى. لا تضع منصهرًا بداخل تجويف قاطع دائرة أو العكس. قد يؤدي الفشل في استخدام المنصهرات المناسبة إلى إصابة شخصية بالغة و/أو نشوب حريق و/أو تلف الممتلكات. • قبل استبدال منصهر، تأكد من أن مفتاح التشغيل في وضع إيقاف التشغيل وأن جميع الخدمات الأخرى قيد إيقاف التشغيل و/أو غير معشقة. • في حالة احتراق المنصهر الذي تم استبداله مرة أخرى، اتصل بالوكيل المعتمد. • في حالة احتراق منصهر حماية عامة لأنظمة الأمان (نظام الوسائد الهوائية، نظام الفرامل) أو أنظمة وحدات الطاقة (نظام المحرك، نظام ناقل الحركة) أو نظام التوجيه، اتصل بالوكيل المعتمد.

(تابع)

تحمي المنصهرات الأنظمة الكهربائية من التيار الزائد.

إذا توقف جهاز عن العمل، فيجب عليك التحقق من عنصر المنصهر الموجود داخل المنصهر ذي الشفرة بحثًا عن احتراق/انصهار.

يُرجى الانتباه أيضًا إلى أن استخدام مآخذ الطاقة لفترات زمنية طويلة أثناء إيقاف تشغيل المحرك قد يؤدي إلى تفريغ بطارية السيارة.

تحذير!
• لا تسمح للسائل ذي الأساس البترولي بتلويث سائل الفرامل. يمكن أن تتلف مكونات مانع التسرب الخاص بالفرامل مما يؤدي إلى تعطل الفرامل بشكل جزئي أو كلي. وقد يتسبب ذلك في حدوث تصادم.

ناقل الحركة الأوتوماتيكي

المواد المضافة الخاصة

توصي الجهة المُصنِّعة بشدة بعدم استخدام أي إضافات خاصة إلى ناقل الحركة. إن سائل ناقل الحركة الأوتوماتيكي (ATF) هو أحد المنتجات الهندسية وقد يتأثر أداؤه بشكل سلبي نتيجة لاستخدام مواد إضافية مكملة. ولذلك لا تقم بإضافة أي سوائل إضافية إلى ناقل الحركة. تجنب استخدام مواد منع تسرب ناقل الحركة لأنها قد تؤثر بشكل سلبي على السدادات.

تنبيه!
لا تستخدم مواد كيميائية في ناقل الحركة مثل الكيماويات التي يمكن أن تتلف مكونات ناقل الحركة. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف.

فحص مستوى السائل

يتم ضبط مستوى السائل مسبقًا في المصنع ولا يتطلب ضبطًا تحت ظروف التشغيل العادية. لا يلزم إجراء فحوصات دورية لمستوى السائل، لذا لا يحتوي ناقل الحركة على عصا قياس. يمكن للوكيل المعتمد فحص مستوى سائل ناقل الحركة باستخدام أدوات خدمة خاصة. إذا لاحظت أي تسرب في السائل أو خللاً في ناقل الحركة، فقم بزيارة الوكيل المعتمد على الفور لفحص مستوى سائل ناقل الحركة. يمكن أن يتسبب تشغيل السيارة في ظل وجود مستوى سائل غير صحيح في حدوث تلف شديد بناقل الحركة.

تنبيه!
إذا حدث تسرب في سائل تبريد ناقل الحركة، فقم بزيارة وكيل معتمد على الفور. حيث يمكن أن يؤدي ذلك إلى تلف بالغ في ناقل الحركة. يمتلك الوكيل المعتمد الأدوات المناسبة لضبط مستوى السائل بشكل دقيق.

تغييرات السائل والفلتر

في ظروف التشغيل العادية، يوفر السائل الذي تتم إضافته في المصنع تشحيمًا مناسبًا لعمر السيارة.

لا يلزم إجراء عمليات تغيير دورية للسائل والفلتر. إلا أنه ينبغي تغيير السائل والفلتر إذا أصبح السائل ملوثًا (بالماء، أو ما شابه) أو إذا كان ناقل الحركة مفككوك لأي سبب.

اختيار زيت التشحيم

من المهم استخدام زيت ناقل الحركة المناسب لضمان الأداء والعمر المثاليين لناقل الحركة. استخدم فقط سائل ناقل الحركة الذي تحدده الجهة المُصنِّعة ⇦ صفحة ٣٨٤. من الضروري أن يتم الاحتفاظ بسائل ناقل الحركة عند المستوى الصحيح باستخدام السائل المُوصى باستخدامه.

ملاحظة:

لا يلزم وضع أي مواد كيميائية في أي ناقل حركة، ولكن يكفي استخدام زيت التشحيم المعتمد فقط.

تنبيه!
إن استخدام سائل ناقل حركة آخر بخلاف المُوصى باستخدامه من قِبل الجهة المُصنِّعة، قد يؤدي إلى تدهور جودة ناقل الحركة و/أو احتكاك محول العزم.

سائل محور الدوران الأمامي/الخلفي

لإجراء عمليات الصيانة العادية، لا يلزم إجراء عمليات فحص دورية لمستوى السائل. عند صيانة السيارة لأسباب أخرى، يجب فحص الأسطح الخارجية لمجموعة محور الدوران. في حالة الشك في تسرب الزيت، افحص مستوى الزيت.

فحص مستوى سائل محور الدوران الأمامي

يجب ألا يقل مستوى زيت المحور الأمامي عن 1/8 بوصة (3 ملم) أسفل الجزء السفلي من فتحة التعبئة.

يجب إحكام ربط سدادات التعبئة والتصريف للمحور الأمامي بمقدار يتراوح ما بين 30 و40 نيوتن متر (22 و29 قدمًا/رطل).

تنبيه!
لا تحكم تثبيت السدادات بشكل مفرط حيث قد يؤدي ذلك إلى تلفها وحدوث تسرب بها.

إذا لم تتمكن من مشاهدة أي أثر للتسرب من الراديياتير أو من الخرطوم نتيجة لفحص غرفة المحرك، فيمكن قيادة السيارة بأمان. حيث سيختفي البخار سريعًا.

- لا تملأ زجاجة امتداد سائل التبريد بشكل زائد عن الحد.
- تحقق من نقطة تجمد سائل التبريد في الراديياتير وفي زجاجة امتداد سائل التبريد. وإذا تطلب الأمر إضافة مزيد من سائل تبريد المحرك، فيجب حماية محتويات زجاجة تمديد سائل التبريد أيضًا من التجمد.
- إذا تطلب الأمر إضافة سائل تبريد المحرك بشكل متكرر، فينبغي اختبار مستوى الضغط داخل نظام التبريد للتأكد من عدم وجود أي تسربات.
- احتفظ بتركيز سائل تبريد المحرك عند 50% من سائل تبريد المحرك ذي تقنية الإضافات العضوية (OAT) (المتوافق مع المعيار MS.90032) كحد أدنى والماء المقطر للوقاية من تآكل المحرك الذي يحتوي على مكونات من الألومنيوم.
- تأكد أن خراطيم التدفق الزائد لزجاجة امتداد سائل التبريد غير ملتوية أو مسدودة.
- حافظ على نظافة مقدمة الراديياتير. إذا كانت السيارة مزودة بمكيف للهواء، فحافظ أيضًا على نظافة مقدمة المكثف.
- لا تغير الترموستات عند تشغيل السيارة في الصيف أو في الشتاء. إذا تطلب الأمر استبدال الترموستات، فقم بتركيب ترموستات من النوع الملائم فقط. قد يتسبب استخدام تصميمات أخرى إلى ضعف أداء سائل تبريد المحرك، وعدم إمداد السيارة بالبنزين بشكل صحيح، وتزايد الانبعاثات.

نظام الفرامل

للتأكد من مستوى أداء نظام الفرامل، ينبغي فحص جميع مكونات نظام الفرامل دوريًا. راجع "كتيب الخدمة والضمان (السيرة الذاتية للسيارة)" لمعرفة فترات الصيانة الصحيحة.

تحذير!

تؤدي إراحة القدم على الفرامل إلى تلفها واحتمال وقوع حادث اصطدام. حيث إن القيادة مع إراحة القدم على دواسة الفرامل يمكن أن يتسبب في ارتفاع درجة حرارة الفرامل بشكل غير طبيعي وتآكل البطانة وتلف الفرامل. وبالتالي لن تتمكن من الاستفادة من قدرة الكبح الكاملة في حالات الطوارئ.

فحص مستوى السائل — أسطوانة الفرامل الرئيسية

يجب فحص مستوى السائل في الاسطوانة الرئيسية عند صيانة السيارة أو فحصه على الفور عند إضاءة الضوء التحذيري بشأن نظام الفرامل. إذا لزم الأمر، فقم بإضافة السائل حتى يتحرك المستوى إلى ما بين العلامات المخصصة على جانب خزان أسطوانة الفرامل الرئيسية. احرص على تنظيف قمة منطقة الأسطوانة الرئيسية قبل فك الغطاء. عند استخدام الفرامل القرصية، فإنه يتوقع هبوط مستوى السائل كلما زاد مستوى التلف في بطانة الفرامل. ينبغي فحص مستوى سائل الفرامل عند تغيير بطانة الفرامل. إذا كان سائل الفرامل منخفضًا بشكل غير طبيعي، فافحص النظام بحثًا عن تسربات.

تحذير!

- استخدم سائل الفرامل الذي توصي به الجهة المُصنِّعة فقط صفحة ٣٨٤. يمكن أن يؤدي استخدام نوع خاطئ من سائل الفرامل إلى تلف نظام الفرامل و/أو خفض أدائه بشكل كبير. يوجد النوع الصحيح من سائل الفرامل الخاص بسيارتك في الملصق الموجود على خزان الأسطوانة الرئيسية الهيدروليكية الأصلية المركبة بالمصنع.
- لتجنب التلوث من مواد خارجية أو الرطوبة، لا تستخدم سوى سائل فرامل جديد أو سائل معبأ في حاوية محكمة الغلق. أحكم غلق غطاء خزان الأسطوانة الرئيسية في كل الأوقات. يمتص سائل الفرامل الموجود في حاوية مفتوحة الرطوبة من الهواء مما يؤدي إلى انخفاض نقطة الغليان. قد ينجم عن ذلك غليان السائل على نحو غير متوقع أثناء استخدام الفرامل بطريقة عنيفة أو لوقت طويل، والذي قد يؤدي بدوره إلى تعطل مفاجئ في الفرامل. وقد يتسبب ذلك في حدوث تصادم.
- يمكن أن يؤدي ملء خزان سائل الفرامل بشكل زائد عن الحد إلى تساقط سائل الفرامل على أجزاء المحرك مما قد يؤدي إلى اشتعال سائل الفرامل. ومن الممكن أن يسبب سائل الفرامل أيضًا تلف الأسطح المطلية وأسطح الفينيل، ولذا يجب توخي الحذر لتجنب ملامسته لهذه الأسطح.

(تابع)

- توخ الحذر عند ملء السوائل أسفل غطاء المحرك مثل زيت المحرك، وسائل الغاسلة ومانع التجمد إلخ، لتقليل الانسكاب على الجزء العلوي من المحرك. تجب إزالة أي سائل زائد ينسكب على الجزء العلوي من المحرك باستخدام الهواء المضغوط أو القماش الماص.
- تتطلب بعض السيارات أدوات خاصة لإضافة سائل التبريد بصور صحيحة. قد يتسبب عدم مراعاة ملء هذه الأنظمة بصورة صحيحة إلى حدوث تلف داخلي بالغ بالمحرك. في حالة الحاجة إلى إضافة أي سائل تبريد إلى النظام، يُرجى الاتصال بوكيل معتمد محلي.
- لا يُوصى بمزج أنواع سائل تبريد المحرك حيث يمكن أن يتسبب في تلف نظام التبريد. وإذا تم خلط سائل تبريد بتقنية المواد العضوية المضافة المهجنة (HOAT) مع سائل تبريد بتقنية الإضافات العضوية (OAT) في حالة الطوارئ، فاطلب من الوكيل المعتمد تنظيفه وغسله وإعادة ملئه باستخدام سائل تبريد بتقنية الإضافات العضوية (OAT) (متوافق مع متطلبات معيار مواد MS.90032) في أسرع وقت ممكن.

نظام التبريد، غطاء ضغط

يجب إحكام غلق الغطاء بالكامل لتجنب فقدان سائل تبريد المحرك (مانع التجمد) والتأكد من رجوع سائل التبريد إلى الراديتاير من زجاجة تمديد سائل التبريد/خزان التبريد، إذا كانت السيارة مزوّدة بذلك.

ينبغي فحص غطاء ضغط سائل التبريد وتنظيفه في حالة تراكم أي مواد غريبة على أسطح مانع التسرب.

تحذير!

- لا تفتح نظام تبريد المحرك الساخن. لا تضف سائل تبريد المحرك (مانع التجمد) إذا كانت درجة حرارة المحرك زائدة عن الحد. لا تفك الغطاء أو ترفعه تمامًا لتبريد المحرك إذا كانت درجة حرارته زائدة عن الحد. تؤدي السخونة الشديدة إلى رفع مستوى الضغط في نظام التبريد. لمنع حدوث الاحتراق أو الإصابة، لا تفك غطاء ضغط سائل التبريد إذا كان نظام التبريد ساخنًا أو واقعًا تحت ضغط.
- لا تستخدم غطاء ضغط غير المحدد لسيارتك. فقد ينجم عن ذلك التعرض لإصابة شخصية أو تلف المحرك.

التخلص من سائل التبريد المستخدم

يعد سائل التبريد (مانع التجمد) الذي يتكون بصورة أساسية من إيثيلين الجليكول مادة معدلة يلزم التخلص منها بطريقة صحيحة. راجع الأمر مع السلطات المحلية لديك لتحديد القواعد المنظمة للتخلص من تلك المواد والخاصة بمجتمعك. لمنع تناوله بواسطة الحيوانات أو الأطفال، لا تقم بتخزين سائل التبريد الذي يتكون بصورة أساسية من جليكول الإيثيلين في حاويات مفتوحة، ولا تسمح بتجمعه على شكل برك صغيرة على الأرض، وقم بتنظيف أي سكب على الأرض على الفور. في حالة قيام الأطفال أو الحيوانات الأليفة بتناوله، فاطلب المساعدة في حالات الطوارئ على الفور.

مستوى سائل التبريد

تمثل زجاجة سائل التبريد وسيلة مرئية سريعة يمكن من خلالها التأكد مما إذا كان مستوى مانع التجمد أو سائل التبريد كافيًا من عدمه. عندما يكون المحرك متوقفًا وباردًا، يجب أن يكون مستوى سائل التبريد (مضاد التجمد) في العبوة بين النطاقين الموضحين على العبوة.

يظل الراديتاير مملوءًا تمامًا بشكل طبيعي، وبالتالي لا توجد حاجة لفك غطاء الراديتاير/غطاء ضغط سائل التبريد إلا عند الرغبة في فحص نقطة تجمد سائل تبريد المحرك أو استبدال سائل التبريد. عليك إفادة مسؤول الخدمة الخاص بك بهذه المعلومات. وطالما كانت درجة حرارة تشغيل المحرك مقبولة، فلن يلزم فحص حاوية سائل التبريد إلا مرة واحدة كل شهر.

إذا تطلب الأمر إضافة سائل تبريد محرك للحفاظ على المستوى المناسب لسائل التبريد، فيجب إضافة سائل التبريد ذي تقنية الإضافات العضوية (OAT) والذي يتوافق مع متطلبات معيار المواد القياسية MS.90032 للجهة المُصنِّعة إلى زجاجة سائل التبريد. لا تتجاوز حد الملء.

إرشادات نظام التبريد

ملاحظة:

عند توقف السيارة بعد قطع بضعة أميال/كيلومترات قليلة بعد التشغيل قد تلاحظ تصاعد بخار من مقدمة غرفة المحرك. يعد ذلك نتيجة طبيعية للرطوبة الموجودة في الهواء بسبب الأمطار أو الثلوج، أو كنتيجة لتجمع الرطوبة العالية على الراديتاير وتبخرها عند فتح الترموستات، مما يسمح لسائل تبريد المحرك (مانع التجمد) الساخن بالدخول إلى الراديتاير.

نظام التبريد — التصريف والغسل وإعادة التعبئة

ملاحظة:

تتطلب بعض السيارات أدوات خاصة لإضافة سائل التبريد بصور صحيحة. قد يتسبب عدم مراعاة ملء هذه الأنظمة بصورة صحيحة إلى حدوث تلف داخلي بالغ بالمحرك. في حالة الحاجة إلى إضافة أي سائل تبريد إلى النظام، يُرجى الاتصال بوكيل معتمد.

إذا كان سائل تبريد المحرك (مانع التجمد) متسخًا أو يحتوي على ترسيبات مرئية، فاطلب من الوكيل المعتمد تنظيفه وغسله باستخدام سائل تبريد ذي تقنية الإضافات العضوية (OAT) (متوافق مع متطلبات معيار مواد MS.90032).

راجع "كتيب الخدمة والضمان (السيرة الذاتية للسيارة)" لمعرفة فترات الصيانة الصحيحة.

اختيار سائل التبريد

راجع السوائل وزيوت تشحيم المحرك ⇦ صفحة ٣٨٢

ملاحظة:

- قد يترتب على خلط سائل تبريد المحرك (مانع التجمد) بمادة تبريد أخرى غير سائل تبريد المحرك ذي تقنية الإضافات العضوية (OAT) المحدد تلف المحرك واحتمال انخفاض الوقاية من التآكل. سائل تبريد المحرك OAT مختلف ويجب ألا يتم خلطه مع سائل تبريد المحرك ذي تقنية المواد العضوية المضافة المهجنة (HOAT) أو أي سائل تبريد "متوافق عالميًا". في حال توفير سائل تبريد غير سائل التبريد ذي تقنية المواد العضوية المضافة (OAT) في نظام التبريد بالحالات الطارئة، سيحتاج نظام التبريد إلى التصريف والشطف وإعادة تعبئته بسائل تبريد جديد ذي تقنية المواد العضوية المضافة (OAT) (متوافق مع MS.90032)، بواسطة وكيل معتمد في أقرب وقت.
- لا تستخدم الماء فقط أو منتجات سائل تبريد المحرك ذات الأساس الكحولي. لا تستخدم مواد مانعة للصدأ إضافية أو منتجات مقاومة للصدأ، حيث إنها قد لا تتوافق مع سائل تبريد الراديياتير، وقد تسد الراديياتير.
- هذه السيارة غير مصممة بحيث يمكن استخدام سوائل تبريد المحرك التي تستند إلى قاعدة من بروبلين الجليكول. لا يُوصى باستخدام سوائل تبريد المحرك التي تستند إلى قاعدة من بروبلين الجليكول.
- تتطلب بعض السيارات أدوات خاصة لإضافة سائل التبريد بصور صحيحة. قد يتسبب عدم مراعاة ملء هذه الأنظمة بصورة صحيحة إلى حدوث تلف داخلي بالغ بالمحرك. في حالة الحاجة إلى إضافة أي سائل تبريد إلى النظام، يُرجى الاتصال بوكيل معتمد.

إضافة سائل التبريد

تحتوي سيارتك على سائل تبريد المحرك (سائل تبريد ذي تقنية الإضافات العضوية (OAT) متوافق مع متطلبات معيار مواد MS.90032) محسن يطيل المدة اللازمة للصيانة. يمكن استخدام سائل تبريد المحرك (مانع التجمد) لفترة تصل إلى عشر سنوات أو 240000 كم (150000 ميل) قبل استبداله. لمنع انخفاض مدة الصيانة الممتدة هذه، من المهم استخدام سائل تبريد المحرك نفسه (سائل تبريد ذي تقنية الإضافات العضوية (OAT) متوافق مع متطلبات معيار مواد MS.90032)، طوال فترة استخدام السيارة.

يُرجى الرجوع إلى توصيات استخدام سائل تبريد المحرك ذي تقنية الإضافات العضوية (OAT) والذي يتوافق مع متطلبات معيار المواد القياسية MS.90032 للجهة المُصنِّعة. عند إضافة سائل تبريد المحرك:

- ننصح باستخدام تركيبة مانع التجمد/سائل تبريد من Mopar® الذي يتم تغييره كل 10 سنوات/240000 كم (150000 ميل) ذي تقنية الإضافات العضوية (OAT) والتي تتوافق مع متطلبات معيار المواد القياسية MS.90032 للجهة المُصنِّعة.
- امزج محلول سائل تبريد المحرك ذي تقنية الإضافات العضوية (OAT) والذي يتوافق مع متطلبات معيار المواد القياسية MS.90032 للجهة المُصنِّعة بنسبة 50% مع ماء مقطر. يلزم إضافة تركيزات عالية (لا تتعدى 70%) في حالة ما إذا كانت درجة الحرارة أقل من -37 درجة مئوية (-34 درجة فهرنهايت). يُرجى الاتصال بوكيل معتمد للحصول على المساعدة.
- استخدم ماءً عالي النقاء فقط مثل الماء المقطر أو الماء غير المتأين عند خلط محلول الماء مع محلول سائل تبريد المحرك. يقلل استخدام الماء المنخفض الجودة من مقدار الحماية ضد الصدأ في نظام تبريد المحرك.

ملاحظة:

- أنه من مسؤولية المالك الحفاظ على مستوى الحماية الصحيح ضد التجمد تبعًا لدرجات الحرارة التي تحدث في المناطق التي يتم فيها تشغيل السيارة.

تنبيه!

- يستلزم استخدام المحول الحفاز استخدام الوقود الخالي من الرصاص فقط. سيدمر البنزين المخلوط بالرصاص فعالية المحول الحفاز باعتباره جهاز تحكم في الانبعاثات وقد يؤدي إلى خفض أداء المحرك بشكل كبير ويتسبب في تلف جسيم بالمحرك.
- وقد يحدث تلف في المحول الحفاز إذا لم يتم تشغيل السيارة في ظروف تشغيل صحيحة. وفي حالة تعطل محرك السيارة، كأن يحدث احتراق خاطئ بالمحرك أو أي تفاوت واضح في الأداء، فعليك الاتجاه إلى مركز الصيانة لخدمة السيارة. حيث إن التشغيل المستمر للسيارة مع وجود عطل خطير بها قد يؤدي إلى ارتفاع درجة حرارة المحول الحفاز بشكل زائد، مما يترتب عليه حدوث تلف في المحول الحفاز والسيارة.

وفي ظل ظروف التشغيل العادية، لا يتطلب الأمر إجراء أعمال صيانة في المحول الحفاز. إلا أنه من الضروري العمل على صيانة المحرك بشكل صحيح للتأكد من تشغيل عامل الحفز بطريقة صحيحة ومنع حدوث أي تلف محتمل في المحول الحفاز.

ملاحظة:

يؤدي العبث المتعمد بأنظمة التحكم في الانبعاثات إلى صدور عقوبات مدنية ضدك.

في المواقف غير المعتادة التي تشمل تعطل المحرك، قد يشير انبعاث رائحة لاذعة إلى ارتفاع درجة حرارة المحول الحفاز إلى درجة غير طبيعية. في حالة حدوث ذلك، أوقف السيارة، وأوقف تشغيل المحرك واترك المحرك يبرد. ينبغي إجراء أعمال الصيانة التي تتضمن الضبط وفقًا للمواصفات المحددة من قبل الشركة المصنعة على الفور.

لتقليل احتمال تلف المحول الحفاز:

- لا تقم بإيقاف التشغيل عندما يكون ناقل الحركة معشقًا في أحد التروس والسيارة تتحرك.
- لا تحاول بدء تشغيل المحرك عن طريق دفع السيارة أو سحبها.
- لا تحاول تشغيل المحرك على سرعة التباطؤ أثناء فصل أو نزع أي مكون من مكونات الإشعال، على سبيل المثال، أثناء إجراء عمليات الفحص، أو لفترات زمنية طويلة أثناء كل محاولة عنيفة لتشغيل المحرك في سرعة التباطؤ، أو في ظروف التشغيل غير المواتية.

نظام التبريد

تحذير!

- يمكنك كما يمكن للآخرين التعرض لخطر الاحتراق بواسطة سائل تبريد المحرك أو البخار الساخن المتصاعد من الراديايتير. إذا رأيت أو سمعت صوت الأبخرة المتصاعدة من أسفل غطاء المحرك، فلا تفتح الغطاء حتى يبرد الراديايتير. لا تقم مطلقًا بفتح غطاء ضغط نظام التبريد إذا كان الراديايتير أو زجاجة سائل التبريد ساخنين.
- حافظ على بقاء اليدين والأدوات والملابس والمجوهرات بعيدًا عن مروحة تبريد الراديايتير عند رفع غطاء المحرك. يبدأ تشغيل المروحة تلقائيًا، وقد يبدأ في أي وقت، سواءً كان المحرك يعمل أو لا يعمل.

(تابع)

تحذير!

- عند العمل بالقرب من مروحة تبريد الراديايتير؛ افصل طرف توصيل موتور المروحة أو حرك مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). تعمل مروحة الراديايتير وفقًا لدرجة الحرارة ويمكنها أن تنطلق في أي وقت عندما يكون مفتاح التشغيل في وضع ON (التشغيل).

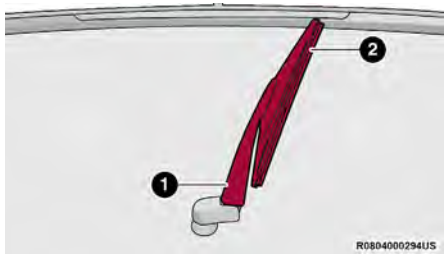
عمليات فحص سائل تبريد المحرك

افحص واقي سائل تبريد المحرك (مانع التجمد) كل 12 شهرًا (قبل حلول طقس التجمد، متى توفرت الفرصة لذلك). إذا كان سائل تبريد المحرك متسخًا، فيجب تصريف النظام وغسله وإعادة ملئه بسائل تبريد جديد ذي تقنية الإضافات العضوية (OAT) (متوافق مع المعيار MS.90032) بواسطة الوكيل المعتمد. افحص مقدمة مكثف مكيف الهواء للتحقق مما إذا كانت هناك أية حشرات ملتصقة أو أوراق شجر إلخ. ونظف الراديايتير بواسطة رش الماء برفق من خرطوم الحديقة على الجزء الخلفي من قلب المكثف.

افحص خراطيم نظام تبريد المحرك للتأكد من عدم تقطع المطاط أو حدوث تشققات أو تآكلات أو تقطعات أو ضيق في الوصلة الموجودة في زجاجة استرجاع سائل التبريد والراديايتير. افحص النظام بأكمله للتأكد من عدم وجود أي تسرب. لا ترفع غطاء ضغط سائل التبريد إذا كان نظام التبريد ساخنًا.

تركيب/إزالة شفرات الماسحة الخلفية - إذا كانت السيارة مزودة بذلك

1. ارفع ذراع الماسحة الخلفية بالكامل بعيدًا عن الزجاج.



شفرة الماسحة في وضع طي للخارج

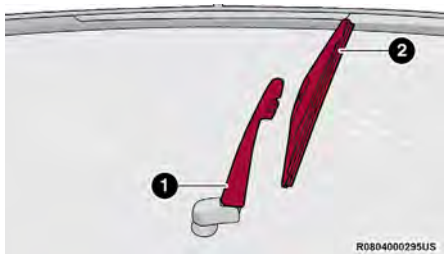
1 — ذراع الماسحة
2 — شفرة الماسحة

2. لإزالة شفرة الماسحة من ذراع الماسحة، أمسك الطرف السفلي من شفرة الماسحة عند أقرب موضع من ذراع الماسحة بيدك اليسرى. باستخدام يدك اليمنى، أمسك ذراع الماسحة بينما تسحب شفرة الماسحة بعيدًا عن ذراع الماسحة إلى ما بعد أن يتوقف بدرجة كافية لفك محور شفرة الماسحة من القابس الموجود في طرف ذراع الماسحة.

ملاحظة:

- سوف يصاحب المقاومة صوت مسموع.
- لا يظل ذراع الماسحة في وضع الخدمة.

3. مع الإمساك بالطرف السفلي لشفرة الماسحة، حرك شفرة الماسحة لأعلى وبعيدًا عن ذراع الماسحة لفصلها.



شفرة الماسحة التي تمت إزالتها من ذراع الماسحة

1 — ذراع الماسحة
2 — شفرة الماسحة

4. اخفض طرف ذراع الماسحة برفق على الزجاج.

تركيب الماسحة الخلفية

1. ارفع ذراع الماسحة الخلفية بالكامل بعيدًا عن الزجاج.
2. أدخل سن محور شفرة الماسحة في الفتحة الموجودة في نهاية ذراع الماسحة. أمسك الجزء السفلي من طرف ذراع الماسحة بيد واحدة، واضغط على شفرة الماسحة مع ذراع الماسحة حتى تستقر في مكانها.
3. اخفض شفرة الماسحة على الزجاج.

نظام العادم

تعد أفضل وسيلة لحماية السيارة من تسرب غاز أول أكسيد الكربون إلى داخلها هو نظام عادم المحرك.

إذا لاحظت وجود تغير في صوت نظام العادم، أو إذا لاحظت تصاعد أدخنة العادم داخل السيارة، أو في حالة تلف الجانب السفلي من السيارة أو الجزء الخلفي منها، فيمكنك استدعاء أحد الفنيين المؤهلين لفحص نظام العادم بالكامل والجوانب القريبة من الجزء التالف من هيكل السيارة للتأكد من عدم وجود كسور أو تلفيات أو تركيب أجزاء العادم بطريقة خاطئة. الشقوق أو التوصيلات غير المحكمة الغلق والتي قد تسمح لأدخنة العادم بالتسلل إلى داخل مقصورة الركاب. وبالإضافة إلى ذلك، افحص نظام العادم بمعرفة الفني في كل مرة يتم فيها رفع السيارة بغرض التشحيم أو تغيير الزيت. استبدل نظام العادم إذا تطلب الأمر.

تحذير!

- إن غازات العادم يمكن أن تسبب الأذى أو الوفاة. فهي تحتوي على أول أكسيد الكربون (CO) وهو عديم اللون والرائحة. وقد يتسبب في فقدان الوعي والتسمم إذا استنشقته. لتجنب تنفس أول أكسيد الكربون ⇦ صفحة ٣٠٨.
- إن سخونة نظام العادم قد تحدث حريقًا إذا كانت السيارة متوقفة فوق مواد قابلة للاشتعال. وقد تكون هذه المواد من الحشائش أو الأوراق التي تتصل مع نظام العادم. لا توقف السيارة أو تقوم بتشغيلها في مناطق يحتمل فيها حدوث اتصال بين نظام العادم وأي شيء قابل للاحتراق.

- ضوضاء (سماع صوت صرير أو طقطقة أو صخب عالي أو الشعور به أثناء عمل سير التشغيل)

يمكن أن تكون بعض الظروف ناشئة عن مكون معيب كبكرة السير. يجب فحص بكرات السير بعناية بحثًا عن وجود تلف أو محاذاة صحيحة.

يتطلب استبدال السير في بعض الطُرز استخدام أدوات خاصة، لذا فإننا نُوصي بإجراء صيانة السيارة لدى الوكيل المعتمد.

تشحيم هيكل السيارة

يجب تشحيم جميع النقاط المحورية الموجودة على جسد السيارة التي تتضمن أقفال الأبواب ومفصلات الأبواب ونقاطه المحورية والباب الخلفي بشكل دوري باستخدام شحم ليثيوم مثل رشاش من نوع Mopar® لتأكيد عملها بشكل سهل ولحمايتها ضد الصدأ والبلي. وقبل وضع أي زيت تشحيم؛ ينبغي مسح الأجزاء المطلوب تشحيمها حتى التأكد من نظافتها لإزالة الأتربة والحبيبات الرملية، وبعد الانتهاء من عملة التشحيم؛ ينبغي إزالة أي زيوت تشحيم أو شحومات زائدة. ينبغي أيضًا الانتباه على وجه الخصوص لمكونات مزلاج غطاء المحرك للتأكد من عملها بطريقة صحيحة. وفي حالة إجراء أي أعمال خدمة تحت غطاء المحرك، فينبغي تنظيف مزلاج غطاء المحرك وآلية فتح الغطاء وماسك الأمان وتشحيمها.

ينبغي أيضًا تشحيم أسطوانات القفل الخارجية مرتين في العام، ويفضل إجراء ذلك مرة في فصل الخريف ومرة أخرى في فصل الربيع. ضع مقدارًا قليلاً من زيت التشحيم عالي الجودة مثل زيت تشحيم أسطوانة القفل من Mopar® مباشرة داخل أسطوانة القفل.

شفرة ماسحة الزجاج الأمامي

ينبغي تنظيف الزوايا المطاطية لشفرات المساحة والزجاج الأمامي دوريًا بواسطة قطعة من الإسفنج أو القماش الخفيف ومنظف لطيف لا يسبب أي خدوش. حيث يتم بذلك التخلص من تراكمات الملح أو الأتربة الرقيقة العالقة من الطريق.

قد يؤدي تشغيل الماسحات على الزجاج وهو جاف لفترات زمنية طويلة إلى تلف شفرات الماسحة. استخدم دومًا سائل الغاسلة عند استخدام الماسحات لإزالة الملح أو الأوساخ عن الزجاج الأمامي الجاف.

تجنب استخدام شفرات الماسحة لإزالة الصقيع أو الثلج عن الزجاج الأمامي. احرص على إبعاد مطاط الماسحة عن ملامسة المنتجات البترولية مثل زيت المحرك أو البنزين، إلخ.

ملاحظة:

يختلف العمر المتوقع لشفرات الماسحة حسب المنطقة الجغرافية وتكرار الاستخدام. قد يظهر الأداء السيئ للشفرات في شكل بقع أو علامات أو خطوط مائية أو بقع مبتلة. في حالة وجود أي من هذه الظروف، قم بتنظيف شفرات الماسحة أو استبدلها عند اللزوم.

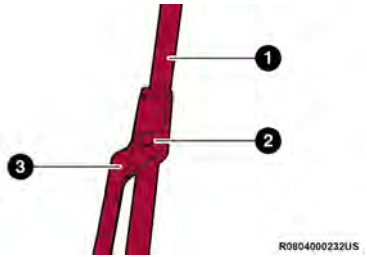
يجب فحص شفرات الماسحة وأذرع الماسحة بشكل دوري، وليس فقط عند مواجهة مشاكل في أداء الماسحة. يجب أن يتضمن هذا الفحص النقاط التالية:

- التآكل أو الحواف غير المتساوية
- المواد الغريبة
- الجفاف أو التشققات
- التشوه أو العطل

إذا تلفت شفرة الماسحة أو ذراع الماسحة، فاستبدل ذراع أو شفرة الماسحة المتأثرة بأخرى جديدة. لا تحاول إصلاح شفرة أو ذراع الماسحة التالفة.

تركيب/إزالة شفرات الماسحة الأمامية

1. ارفع ذراع الماسحة الأمامية لأعلى لرفع شفرة الماسحة عن الزجاج الأمامي.
2. اضغط على زر التحرير الموجود على ذراع شفرة الماسحة.
3. ادفع شفرة الماسحة لأعلى وقم بإزالتها.

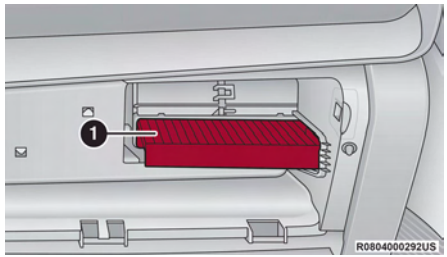


ذراع وشفرة الماسحة

1 — شفرة الماسحة
2 — زر التحرير
3 — ذراع الماسحة

4. قم بتركيب شفرة الماسحة وادفع شفرة الماسحة بقوة حتى تستقر في مكانها.

7. قم بإزالة فلتر هواء الكابينة عن طريق سحبه خارج المبيت.



فلتر هواء الكابينة

1 — فلتر هواء الكابينة

8. قم بتركيب فلتر هواء الكابينة باستخدام السهم الموجود في الفلتر الذي يشير إلى الأرض. عند تركيب غطاء الفلتر، تأكد من تعشيق ألسنة التثبيت بالكامل في مبيّت نظام التدفئة والتهوية وتكييف الهواء (HVAC).

تنبيه!
يتم تمييز فلتر هواء الكابينة بسهم للإشارة إلى اتجاه تدفق الهواء من خلال الفلتر. يؤدي عدم تركيب الفلتر بشكل صحيح إلى الحاجة إلى استبداله بصورة متكررة.

9. قم بمحاذاة الألسنة السفلية على لوحة الوصول ثم ادفع الجزء العلوي للداخل لإعادة تثبيته بإحكام في لوحة أجهزة القياس.

10. اضبط زاوية الباب لإعادة مصدات حركة صندوق القفازات إلى داخل لوحة أجهزة القياس.

11. أعد تركيب باب صندوق القفازات على مفصلة الباب.

12. أعد تركيب شريط شد صندوق القفازات عن طريق إدخال مشبك الشريط في صندوق القفازات وتحريك المشبك بعيدًا عن وجه باب صندوق القفازات.

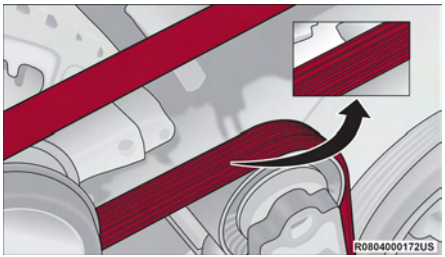
ملاحظة:

تأكد من تعشيق مفصلات صندوق القفازات وسدادات حركة باب صندوق القفازات بالكامل.

فحص سير تشغيل الملحقات

تحذير!
• لا تحاول فحص سير تشغيل قطع الغيار أثناء تشغيل السيارة. • عند العمل بالقرب من مروحة تبريد الراديتير، افصل طرف توصيل موتور المروحة. يتم التحكم في درجة حرارة المروحة ويمكنها أن تنطلق في أي وقت بغض النظر عن وضع مفتاح التشغيل. قد تتعرض للإصابة بريش المروحة المتحركة. • يمكنك أن تتعرض للإصابة في حالة العمل داخل أحد المحركات أو حوله. لا تقم إلا بأعمال صيانة التي لديك معرفة بها وتمتلك المعدات المناسبة للقيام بها. وإذا تشككت في قدرتك على إجراء أعمال الخدمة في السيارة، خذ سيارتك إلى أحد فنيي الميكانيكا المؤهلين.

عند فحص سير تشغيل قطع الغيار، يعتبر وجود الشقوق الصغيرة الموجودة على سطح الحزام من الضلع إلى الضلع أمرًا طبيعيًا. ولا تعد سببًا لاستبدال الحزام. ومع ذلك، لا تعد الشقوق الموجودة على طول الضلع (وليس عبره) أمرًا طبيعيًا. يجب استبدال أي حزام به شقوق تسري على طول الضلع. وأيضًا قم باستبدال الحزام في حالة وجود تآكل مفرط أو أسلاك بالية أو طلاء متهالك.

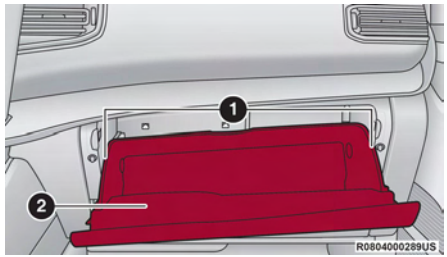


سير قطع الغيار (السير الملتف)

الحالات التي تتطلب القيام بعملية الاستبدال:

- تشقق الضلع (انفصال ضلع أو أكثر من جسم السير)
- تآكل الضلع أو السير
- تشقق السير طوليًا (تشققات بين ضلعين)
- انزلاق السير
- خروج الحزوز عن موضعها (السير لا يستقر في الموضع الصحيح على البكرة)
- السير مكسور (تعرف على المشكلة وحاول حلها قبل تركيب سير جديد)

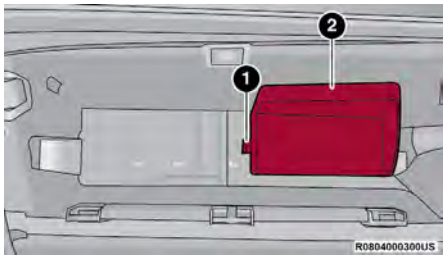
4. توجد مصدات حركة لصندوق القفازات على كلا جانبي باب صندوق القفازات، أمِل صندوق القفازات بزاوية للسماح لكل مصد حركة جانبي بتحرير صندوق القفازات من لوحة أجهزة القياس.



صندوق القفازات

1 - سدادات تحرك صندوق القفازات
2 — باب صندوق القفازات

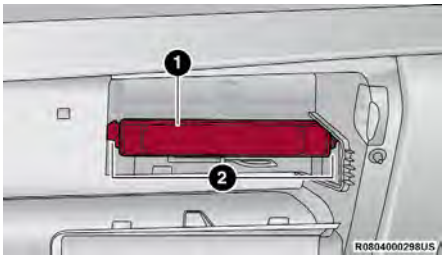
5. اسحب لسان تحرير باب الوصول إلى الخارج، ثم اسحب لأسفل من الجزء العلوي لفك باب الوصول إلى فلتر هواء الكابينة من السيارة.



باب الوصول إلى فلتر هواء الكابينة

1 — لسان تحرير باب الوصول
2 — باب الوصول إلى فلتر هواء الكابينة

6. ادفع ألسنة التثبيت الخارجية نحو غطاء فلتر هواء الكابينة لتحرير الغطاء من مبيت نظام التسخين والتهوية ومكيف الهواء (HVAC).



غطاء فلتر هواء الكابينة

1 — غطاء فلتر هواء الكابينة
2 — ألسنة التثبيت

تنبيه!

لا تربط براغي غطاء فلتر تنقية هواء المحرك بشكل مفرط، وإلا فقد يحدث تلف.

صيانة مكيف الهواء

للوصول إلى أفضل أداء ممكن، ينبغي فحص مكيف الهواء وإجراء أعمال الخدمة به بمعرفة الوكيل المعتمد في بداية موسم الصيف. ينبغي أن تتضمن هذه الخدمة تنظيف زعانف المكثف وإجراء اختبار الأداء. ينبغي أيضًا فحص قوة شد سير التشغيل في هذا الوقت.

تحذير!

- استخدم سوائل التبريد وزيوت تشحيم الضاغط المعتمدة فقط من قبل الجهة المصنعة لنظام مكيف الهواء. بعض سوائل التبريد غير المعتمدة قابلة للاشتعال ويمكن أن تنفجر، مما يؤدي إلى إصابتك. حيث قد تتسبب سوائل التبريد أو زيوت التشحيم الأخرى غير المعتمدة في تعطل النظام، مما يتطلب إجراء إصلاحات مكلفة ماديًا. راجع "كتاب معلومات الضمان"، للحصول على مزيد من المعلومات حول الضمان.
- يحتوي نظام مكيف الهواء على سائل تبريد تحت ضغط عال. ولكي تتجنب مخاطر التعرض للإصابة أو تلف النظام، ينبغي إضافة سائل التبريد أو إجراء أي إصلاحات في الأنابيب التي قد تنفصل بواسطة فني مؤهل.

تنبيه!

لا تستعمل مواد كيميائية في أي نظام تكييف هواء حيث إن الكيماويات يمكن أن تتلف مكونات مكيف الهواء. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف.

استعادة سائل التبريد وإعادة تدويره R-134a

يعد سائل تبريد تكييف الهواء R-134a مركب هيدروفلوروكربون (HFC) وهو مادة آمنة على طبقة الأوزون. توصي الجهة المُصنِّعة بإجراء أعمال الصيانة لمكيف الهواء بمعرفة الوكيل المعتمد، أو من خلال مراكز الخدمة الأخرى التي تستخدم معدات الاستعادة وإعادة التدوير.

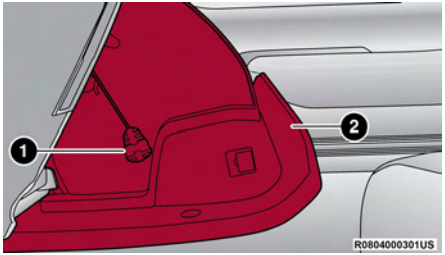
ملاحظة:

لا تستخدم سوى زيت الضاغط بوليكلين جلايكول (PAG) ومواد التبريد المعتمدة من الجهة المُصنِّعة لنظام مكيف الهواء.

استبدال فلتر هواء الكابينة

يوجد فلتر هواء الكابينة في مدخل الهواء النقي خلف صندوق القفازات. قم بالإجراء التالي لاستبدال الفلتر:

1. افتح حجرة القفازات وأخرج كافة المحتويات.
2. عندما يكون باب صندوق القفازات مفتوحًا، فك شريط شد صندوق القفازات ومشبك الشريط عن طريق تحريك المشبك تجاه مقدمة باب صندوق القفازات. ارفع المشبك خارج باب صندوق القفازات وحرره إلى اللوح الفاصل.



الجانب الأيسر لصندوق القفازات

1 — شريط التطويل بالشد
2 — باب صندوق القفازات

3. اسحب الجانب الأيمن من باب صندوق القفازات في اتجاه مؤخرة السيارة لفصل باب صندوق القفازات عن مفصلاته.

ملاحظة:

عند فصل باب صندوق القفازات عن مفصلاته، ستكون هناك بعض المقاومة.

المواد المضافة إلى زيت المحرك

توصي الجهة المصنعة بشكل واضح بعدم إضافة أي مواد مضافة (باستثناء صبغات التحقق من التسرب) إلى زيت المحرك. حيث إن زيت المحرك يعد أحد المنتجات الهندسية وقد يتأثر أداؤه نتيجة لاستخدام المواد المضافة البديلة.

التخلص من زيت المحرك المستخدم وفلاتر الزيت

ينبغي الحرص عند التخلص من زيوت المحرك المستخدمة وفلاتر الزيت. يمكن أن تمثل الزيوت وفلاتر الزيت المستخدمة مشكلة للبيئة. اتصل بوكيل معتمد أو بمحطة صيانة أو بوكالة حكومية لطلب المشورة فيما يتعلق بكيفية التخلص من الزيوت والفلاتر المستخدمة والمكان المناسب لذلك بطريقة آمنة في منطقتك.

المحرك فلتر الزيت

ينبغي استبدال فلتر زيت المحرك بفلتر زيت جديد في كل مرة يتم فيها تغيير زيت المحرك.

تحديد فلتر زيت المحرك

يجب استخدام فلتر زيت من النوع التدفقي بالكامل الذي يستخدم مرة واحدة للاستبدال. تتنوع جودة فلاتر الزيت البديلة بدرجة ملحوظة. ننصح باستخدام فلتر زيت المحرك من ®Mopar. إذا لم يتوفر فلتر زيت المحرك من ®Mopar، فلا تستخدم إلا الفلاتر التي تفي بمتطلبات أداء الفلتر SAE/USCAR-36 أو تتجاوزها.

فلتر تنقية هواء المحرك

راجع "كتيب الخدمة والضمان (السيرة الذاتية للسيارة)" لمعرفة فترات الصيانة الصحيحة.

تحذير!

يمكن أن يوفر نظام حقن الهواء (جهاز تنقية الهواء والخراطيم، إلخ) درجة من الحماية في حالة اشتعال الوقود غير مكتمل الاحتراق داخل المحرك. لا تقم بإزالة نظام حقن الهواء (جهاز تنقية الهواء والخراطيم، إلخ) إلا إذا كانت هذه الإزالة ضرورية للإصلاح أو الصيانة. تأكد من عدم اقتراب أي شخص من غرفة المحرك قبل البدء في تشغيل السيارة دون وجود نظام حقن الهواء (جهاز تنقية الهواء والخراطيم، إلخ). حيث إن عدم الالتزام بذلك قد يترتب عليه حدوث إصابات خطيرة.

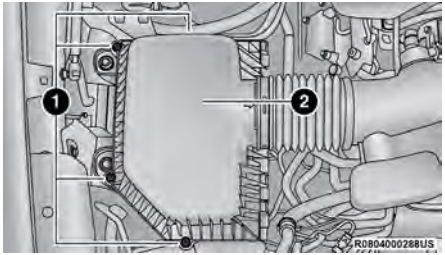
تحديد فلتر تنقية هواء المحرك

تختلف جودة فلاتر تنقية هواء المحرك بشكل كبير. يجب استخدام فلاتر ®Mopar العالية الجودة فقط.

فحص فلتر تنقية هواء المحرك واستبداله

إزالة فلتر تنقية هواء المحرك

1. باستخدام الأداة المناسبة، قم بفك المثبتات بالكامل من غطاء فلتر تنقية هواء المحرك.
2. ارفع غطاء فلتر تنقية هواء المحرك الموجود على الحافة الخارجية وادفع للداخل لفصل المفصلة للوصول إلى فلتر تنقية هواء المحرك.



غطاء فلتر تنقية هواء المحرك

1 — المثبتات
2 — غطاء فلتر تنقية هواء المحرك

3. فك فلتر تنقية هواء المحرك من مجموعة المبيت.

تركيب فلتر تنقية هواء المحرك

ملاحظة:

افحص المبيت ونظفه في حال وجود قدر كبير من الغبار أو المخلفات به قبل إعادة تركيب فلتر تنقية هواء المحرك.

1. ركب فلتر تنقية هواء المحرك في مجموعة المبيت مع ضبط سطح فحص فلتر تنقية هواء المحرك بحيث يكون متجهًا لأسفل.
2. ركب غطاء فلتر تنقية هواء المحرك على ألسنة تحديد موقع مجموعة المبيت.
3. أحكم ربط المثبتات في مجموعة فلتر تنقية هواء المحرك.

درجات الجر

درجات الجر، من الأعلى إلى الأقل، هي AA وA وB وC. وهذه الدرجات تمثل قدرة الإطار على إيقاف السيارة على سطح مبلل، حيث تم قياسها في ظروف خاضعة للرقابة على أسطح الاختبار الحكومية الممهدة بالأسفلت والخرسانة. قد يكون الإطار المميز بالرمز C ذو أداء جر ضعيف.

تحذير!
تعتمد درجة الجر المعينة لهذا الإطار على اختبارات جر الفرملة بشكل مستقيم، ولا تشمل التسارع أو الانعطاف أو الانزلاق المائي أو خصائص الجر القصوى.

درجات الحرارة

تحذير!
يتم إنشاء درجة درجات الحرارة لهذا الإطار بناءً على إطار تم نفخه بضغط مناسب بشكل صحيح وغير مفرط الانتفاخ. يمكن أن تتسبب السرعة الزائدة أو النفخ القليل أو التحميل الزائد، سواء كانت هذه الأسباب منفصلة أو مجتمعة، إلى تراكم الحرارة مع احتمالية تلف الإطار.

صيانة السيارة

يتوفر لدى الوكيل المعتمد الفنيون المؤهلون والمعدات والأدوات الخاصة التي تساعدهم على إجراء جميع أعمال الخدمة باحتراف. تتوفر أدلة الصيانة التي تتضمن معلومات صيانة مفصلة لسيارتك. راجع أدلة الصيانة هذه قبل محاولة القيام بأي إجراء بنفسك.

ملاحظة:

قد يؤدي العبث المتعمد بأنظمة التحكم في الانبعاثات إلى إلغاء الضمان وإلى صدور عقوبات مدنية ضدك.

تحذير!
يمكنك أن تتعرض للإصابة في حالة العمل داخل أحد المحركات أو حوله. لا تقم إلا بأعمال صيانة التي لديك معرفة بها وتمتلك المعدات المناسبة للقيام بها. وإذا تشككت في قدرتك على إجراء أعمال الخدمة في السيارة، خذ سيارتك إلى أحد فنيي الميكانيكا المؤهلين.

المحرك الزيت

اختيار زيت المحرك

استخدم فقط المائع الموصى به من الجهة المصنعة ⇦ صفحة ٣٨٢.

زيت المحرك المعتمد من معهد البترول الأمريكي (API)

وتعني هذه الرموز أنه قد تم اعتماد الزيت من معهد البترول الأمريكي (API). توصي الجهة المصنعة باستخدام زيوت تحمل علامة معهد البترول الأمريكي (API) التجارية.

تصادق العلامة التجارية API Starburst على زيوت المحرك 0W-20 و 0W-30 و 5W-30.

تصادق العلامة التجارية API Donut على زيت المحرك 0W-40 و 5W-40.

تنبيه!
لا تستخدم مواد كيميائية في زيت المحرك مثل الكيماويات التي يمكن أن تتلف المحرك. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف.

زيوت المحرك الاصطناعية

تم تصميم المحرك لتناسبه زيوت المحرك الاصطناعية، فلا تستخدم إلا زيوت المحرك الاصطناعية المعتمدة من معهد البترول الأمريكي (API).

وينبغي الامتناع عن استخدام زيوت المحرك الاصطناعية التي لم تحصل على كلّ من علامة API التجارية وأرقام درجة لزوجة SAE الصحيحتين.

تحذير!

تعتبر مذيبات سائل غسيل الزجاج الأمامي المتوفرة تجاريًا قابلة للاشتعال. أي أنها قد تشتعل وتصيبك بالحروق. ولهذا يجب توخي الحذر عند تعبئة محلول سائل الغسيل أو استخدامه.

بطارية لا تحتاج إلى صيانة

سيارتك مزودة ببطارية لا تحتاج إلى أعمال الصيانة. لن يتعين عليك أبدًا إضافة الماء، ولا يلزم إجراء الصيانة الدورية.

تحذير!

- سائل البطارية محلول حامضي أكال ويمكن أن يتسبب في إصابتك بحروق أو إصابتك بالعمى لا قدر الله. احرص على إبعاد سائل البطارية عن العين أو البشرة أو الملابس. لا تمل بجسدك فوق البطارية أثناء توصيل ماسكات التوصيل الكهربي. في حالة تناثر الحامض على العين أو الجلد، أسرع بغسل المنطقة المصابة على الفور بمقادير كبيرة من الماء. راجع إجراء تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى ⇦ صفحة ٣٢٥.
- غاز البطارية قابل للاشتعال والانفجار. احرص على إبعاد اللهب أو أي مصدر للشرر عن البطارية. لا تستخدم بطارية معززة أو أي مصدر معزز آخر مزود بخرج أكبر من 12 فولت. لا تسمح بحدوث تلامس بين ماسكات الكابل.

(تابع)

تحذير!

- تحتوي أقطاب وأطراف البطارية والملحقات الخاصة بها على الرصاص ومركباته. اغسل يديك بعد حمل البطارية.

تنبيه!

- من الضروري عند وضع الكبلات على البطارية أن يتم توصيل الطرف الموجب للكابل بالقطب الموجب في البطارية والطرف السالب للكابل بالقطب السالب للبطارية. يتم تمييز أقطاب البطارية الموجب بعلامة (+) والسالب بعلامة (-)، وهي مبينة على حاوية البطارية. ينبغي إحكام توصيل ماسكات الكابل بأقطاب البطارية، كما ينبغي أن تكون خالية من الصدأ.
- في حالة توصيل "الشاحن السريع" أثناء وجود البطارية في السيارة، افصل كابلي البطارية قبل توصيل الشاحن بالبطارية. لا تستخدم "الشاحن السريع" لتوفير فولتية بدء التشغيل.

الغسل بالضغط

لا نوصي بتنظيف غرفة المحرك بغاسلة عالية الضغط.

تنبيه!

لقد اتُخذت الاحتياطات اللازمة لحماية جميع الأجزاء والوصلات ولكننا لا نضمن حمايتها بصورة كاملة ضد دخول الماء إليها بفعل الضغوط التي تولدها مثل تلك الآلات.

درجات تصنيف جودة الإطارات الموحدة لدى وزارة النقل

تم تصنيف فئات الدرجات التالية بواسطة الإدارة الوطنية لتأمين السلامة على الطرق السريعة. يظهر تصنيف الدرجة المحدد الذي تم تعيينه بواسطة الجهة المُصنِّعة للإطارات في الجدار الجانبي من إطارات سيارتك.

يجب أن تتوافق جميع إطارات سيارات الركاب مع متطلبات السلامة الفيدرالية بالإضافة إلى درجات التصنيف هذه.

بلى المداسات

إن درجة بلى المداسات هي عبارة عن تقدير نسبي يستند إلى معدل البلى الحاصل للإطار عند فحصه في ظروف معينة في مسار مخصص للفحص من قِبل الحكومة. على سبيل المثال، قد يهتري الإطار بدرجة 150 مرة ونصف كما في المسار الحكومي حيث تقدر درجة الإطار بـ 100. يعتمد الأداء النسبي للإطارات على الظروف الفعلية التي يتم استخدام الإطارات فيها، ومع ذلك فإنها قد تنحرف بدرجة كبيرة عن المعيار المعتاد نتيجة للاختلاف في عادات القيادة وممارسات الخدمة والتفاوتات في خصائص الطرق والطقس.

- لا يسجل نظام مستوى الزيت القياسات إلا عندما يكون المحرك متوقفًا ويكون الزيت دافئًا ويتم إيقاف السيارة على أرض مستوية بشكل معقول. للحصول على قراءة متسقة لمستوى الزيت، يجب أن يكون مفتاح التشغيل في وضع RUN (الانطلاق) لمدة أربع دقائق، لكن قد يسجل النظام أحيانًا قراءات عندما يكون المفتاح في وضع OFF (إيقاف التشغيل) في أثناء الاستخدام العادي.
- إذا أضفت كوارت من الزيت ولم تكن قراءة المؤشر 3/4 أو ممتلئة، فيُرجى الاتصال بوكيل معتمد للصيانة.

تحذير!
انتبه إلى أن غطاء الزيت قد يكون ساخنًا. يُرجى استخدام قفازات مناسبة. تحذير: خطر الحروق!

تنبيه!
لا تضف كمية كبيرة من الزيت. قد يؤدي الإفراط في تعبئة الزيت إلى تلف المحرك.

ملاحظة:

- بعد إضافة الزيت إلى المحرك، أعِد تركيب غطاء الزيت دائمًا بإحكام عن طريق لفه في اتجاه عقارب الساعة حتى يتوقف. لا تشغِّل المحرك مطلقًا من دون غطاء تعبئة الزيت لأن ذلك قد يتسبب في تسرب الزيت.
- نظرًا إلى اكتشاف مستوى الزيت أوتوماتيكيًا عند إيقاف تشغيل المحرك وإعادة تشغيله (بعد أربع دقائق) فقط، لا يمكن للنظام اكتشاف الانخفاض المفاجئ في مستوى الزيت على الفور في أثناء القيادة (على سبيل المثال، إذا بدأ وعاء الزيت في التسريب بسبب حدوث تلف في أثناء القيادة على الطرق غير الممهدة).

تنبيه!
في حال إضاءة ضوء تحذير مستوى الزيت "Critically Low (منخفض بشدة) أو Critically High (مرتفع بشدة)"، يجب اتباع الخطوات الآتية: • منخفض بشدة: أضف 2 كوارت من الزيت المحدد من قبل الجهة المُصنِّعة بأسرع ما يمكن ⇦ صفحة ٣٨٢. قد يؤدي الاستمرار في تشغيل السيارة مع مستوى زيت "منخفض بشدة" إلى تلف المحرك. • مرتفع بشدة: اتصل بوكيل معتمد للصيانة. قد يؤدي الاستمرار في تشغيل السيارة مع مستوى زيت "مرتفع بشدة" إلى تلف المحرك. لا تستخدم أي زيوت غير محددة من قبل الجهة المُصنِّعة ومعتمدة من معهد البترول الأمريكي (API). يحتوي زيت المحرك المستخدم وفلاتر الزيت على مواد ضارة بالبيئة. عند تغيير الزيت والفلاتر، اتصل بوكيل معتمد وتخلص منهما بطريقة آمنة ومسؤولة.

إضافة سائل الغاسلة

ستشير شاشة عرض مجموعة أجهزة القياس إلى انخفاض مستوى سائل الغاسلة. عند اكتشاف المستشعر انخفاضًا بمستوى السائل، يضئ الضوء التحذيري الخاص بانخفاض سائل الغاسلة ويتم عرض رسالة "Washer Fluid Low" (انخفاض سائل الغاسلة).

يستعمل خزان السائل لتنظيف الزجاج الأمامي والنافذة الخلفية على حد سواء. يوجد خزان السائل في غرفة المحرك، وعليك بفحص مستوى السائل على فترات منتظمة. املأ الخزان بمذيب سائل غسيل الزجاج الأمامي (ليس مانع تجمد الرادياتير). عند إعادة ملء خزان سائل الغاسلة، خذ جزءًا من سائل الغاسلة وضعه على قطعة قماش أو فوطة وامسح شفرات الماسحة لتحسين أداءها. لمنع تجمد نظام سائل غسيل الزجاج الأمامي في الطقس البارد، حدد محلولًا أو مزيجًا يطابق نطاق درجة الحرارة في منطقتك أو يزيد عنه. يمكن العثور على معلومات التصنيف هذه في معظم حاويات سائل الغاسلة.

ملاحظة:

توخ الحذر عند ملء السوائل أسفل غطاء المحرك مثل زيت المحرك، وسائل الغاسلة ومانع التجمد إلخ، لتقليل الانسكاب على الجزء العلوي من المحرك. تجب إزالة أي سائل زائد ينسكب على الجزء العلوي من المحرك باستخدام الهواء المضغوط أو القماش الماص.

التحقق من مستوى الزيت — المحركات سعة 3.0 لترات

لا يحتوي المحرك الذي يتمتع بسعة 3.0 لترات على "عصا قياس" تقليدية وليس ثمة حاجة إلى فحص مستوى الزيت يدويًا. إذا رغبت في فحص مستوى زيت المحرك، فيمكن رؤيته على شاشة عرض مجموعة أجهزة القياس من خلال الانتقال إلى الشاشة المناسبة أسفل "Vehicle Info" (معلومات السيارة). استخدم زري السهمين إلى **أعلى** △ أو **أسفل** ▽ ضمن مفاتيح التحكم في عجلة القيادة للعثور على قائمة "Vehicle Info" (معلومات السيارة). ثم استخدم زري السهمين إلى **اليمين** ▷ أو **اليسار** ◁ حتى تصل إلى القائمة الفرعية "Oil Level" (مستوى الزيت).

ثمة قضيب على المقياس يوضح مستوى الزيت. وما دام مستوى الزيت بين الحدين الأدنى والأقصى، يكون تشغيل السيارة آمنًا. أما إذا كان مستوى الزيت مرتفعًا للغاية أو منخفضًا للغاية، فسيضيء شريط أحمر.

عندما يكون المحرك في حاجة إلى مزيد من الزيت، سيضيء ضوء تحذير مستوى الزيت. ويظهر هذا التحذير لمدة خمس ثوان. وفي غضون الـ 300 ميل (500 كم) التالية، يجب عليك إضافة 1 كوارت من زيت المحرك المحدد من قبل الجهة المُصنِّعة إلى المحرك ⇦ صفحة ٣٨٢.

مستوى الزيت منخفض بشدة (أضف 2 كوارت)	
مستوى الزيت منخفض (أضف 1 كوارت)	
مستوى الزيت جيد	
مستوى الزيت مرتفع بشدة	

سيعاود هذا الضوء الظهور في كل مرة يتم تشغيل المحرك حتى يتم اكتشاف مستوى آمن. قد يؤدي الاستمرار في تشغيل السيارة من دون إضافة زيت إلى انخفاض مستوى الزيت بشدة واحتمال تلف المحرك (راجع التحذير التالي بخصوص "منخفض للغاية").

ملاحظة:

توخ الحذر عند ملء السوائل أسفل غطاء المحرك مثل زيت المحرك، وسائل الغاسلة ومانع التجمد إلخ، لتقليل الانسكاب على الجزء العلوي من المحرك. تجب إزالة أي سائل زائد ينسكب على الجزء العلوي من المحرك باستخدام الهواء المضغوط أو القماش الماص.

شاشة عرض مستوى الزيت - كيفية التحديث

في السيارات المزودة بمحرك سعة 3.0 لترات، تتم مراقبة مستوى الزيت أوتوماتيكيًا عندما تكون السيارة متوقفة على سطح مستو، ويكون الزيت دافئًا، وتم إيقاف تشغيل المحرك لمدة أربع دقائق. لتحديث شاشة عرض مستوى الزيت (بعد إضافة كوارت من الزيت الصحيح)، اتبع هذه العملية:

- شغِّل المحرك حتى تصبح درجة حرارة الزيت أعلى من 120 درجة فهرنهايت (49 درجة مئوية).
- أوقِف السيارة على أرض مسطحة نسبيًا.
- أوقِف تشغيل المحرك وأدِر مفتاح التشغيل مرة أخرى إلى وضع RUN (الانطلاق). انتظر لمدة أربع دقائق بعد إيقاف تشغيل المحرك على أن يكون مفتاح التشغيل في وضع RUN (الانطلاق).
- شغِّل المحرك وسيتوفر مستوى الزيت الجديد في قائمة Vehicle Info (معلومات السيارة) (يمكن الوصول إليها من خلال أزرار التنقل الموجودة في عجلة القيادة).

ملاحظة:

- إذا لم يكن ثمة تغيير ملحوظ في مستوى الزيت عن القراءة السابقة، فقد لا يظهر أي إشعار أو تغيير في شاشة العرض بعد أن يسجل النظام قراءة أخرى.

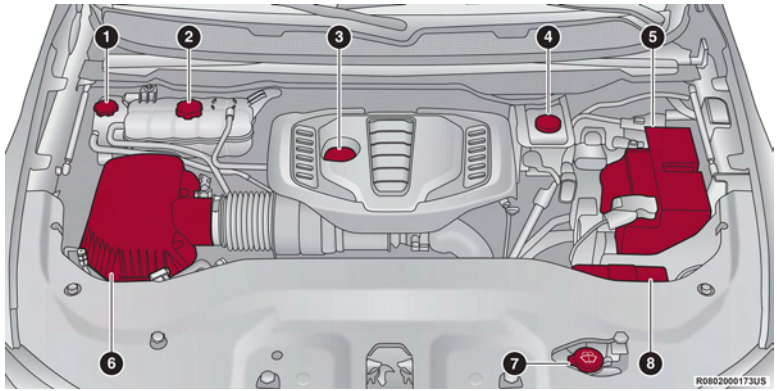
الخدمة والصيانة

الصيانة الدورية

راجع "كتيب الخدمة والضمان (السيرة الذاتية للسيارة)" للتعرف على الخدمة الدورية.

غرفة المحرك

محرك سعة 3.0 لترات



1 — غطاء ضغط سائل تبريد المُبرد البيني
2 — غطاء ضغط سائل تبريد المحرك
3 — غطاء تعبئة زيت المحرك
4 — غطاء خزان سائل الفرامل
5 — البطارية
6 — فلتر تنقية هواء المحرك
7 — غطاء خزان سائل الغاسلة
8 — مركز توزيع الطاقة (المنصهرات)

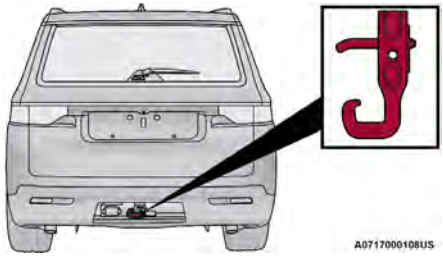
خطاطيف السحب الأمامية في حالات الطوارئ

ملاحظة:

ينصح لسحب السيارة من طريق غير ممهد استخدام كل من خطافي السحب الأماميين لتقليل خطر حدوث تلف بالسيارة.

تحذير!
• لا تستخدم سلسلة لتحرير سيارة عالقة. فقد تنفصل السلاسل مما يتسبب في إصابة خطيرة أو الموت. • قف بعيدًا عن السيارات عند السحب باستخدام خطاطيف السحب. قد تنفصل أشرطة السحب ما يتسبب في حدوث إصابات خطيرة.

تم تصميم خطاف السحب الخلفي القابل للإزالة لاستخدامه في قضيب ربط المستقبل كخيار للسحب. لاستخدام خطاف السحب الخلفي، أزل مسمار القفل، وضع خطاف السحب الخلفي في قضيب ربط المستقبل في أي اتجاه وأعد وضع مسمار القفل.



خطاف السحب الخلفي القابل للإزالة

تنبيه!
تُستخدم خطاطيف السحب في حالات الطوارئ فقط لإنقاذ سيارة عالقة في منطقة غير ممهدة. لا تستخدم خطاطيف السحب لتوصيل شاحنة السحب أو للسحب على الطرق السريعة. فقد يؤدي ذلك إلى إتلاف سيارتك.

نظام الاستجابة للحوادث المحسن (EARS)

هذه السيارة مزودة بنظام الاستجابة للحوادث المحسن.

هذه الميزة عبارة عن شبكة اتصال يتم استعمالها في حالة حدوث تصادم. يمكن العثور على معلومات تفصيلية على ⇦ صفحة ٢٩٥.

جهاز تسجيل بيانات الحوادث (EDR)

هذه السيارة مزودة بجهاز تسجيل بيانات الحوادث (EDR). الغرض الرئيسي من جهاز تسجيل بيانات الحوادث (EDR) هو تسجيل البيانات التي ستساعد في فهم أداء أنظمة السيارة في مواقف التصادم أو المواقف المشابهة للتصادم، مثل نفخ الوسادة الهوائية أو الاصطدام بعائق على الطريق. يمكن العثور على معلومات تفصيلية على ⇦ صفحة ٢٩٧.

طُرز الدفع الخلفي

توصي FCA بسحب السيارة مع رفع كل العجلات الأربع **عن** الأرض باستخدام شاحنة مسطحة.

وإذا لم تتوفر شاحنة مسطحة، وكان ناقل الحركة يعمل، فيمكن سحب السيارة (مع وجود العجلات الخلفية فوق الأرض) في ظل الظروف التالية:

- يجب أن يكون ناقل الحركة في وضع اللاتعشيق (N). للحصول على تعليمات حول نقل ناقل الحركة إلى وضع NEUTRAL (N) عندما يكون المحرك قيد إيقاف التشغيل ⇦ صفحة ٣٢٨.
- يجب أن لا تتجاوز سرعة السحب 48 كم/ساعة (30 ميلاً/ساعة).
- يجب ألا تتجاوز مسافة السحب 30 ميلاً (48 كم).

تنبيه!

- يؤدي سحب السيارة بسرعة أعلى من 48 كم/ساعة (30 ميلاً/الساعة) أو لمسافة أكثر من 48 كم (30 ميلاً) مع نزول العجلات الخلفية على الأرض إلى حدوث تلف بالغ في ناقل الحركة. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

إذا لم يكن ناقل الحركة يعمل، أو كان يجب سحب السيارة بسرعة أعلى من 30 ميلاً/الساعة (48 كم/ساعة) أو لمسافة أبعد من 30 ميلاً (48 كم)، فاسحب السيارة والعجلات الخلفية **مرفوعة** عن الأرض. والطرق المقبولة هي سحب السيارة على شاحنة مسطحة، أو مع رفع العجلات الأمامية والعجلات الخلفية باستخدام دلية سحب أو (عند استخدام جهاز تثبيت مناسب لعجلة القيادة لإبقاء العجلات الأمامية في الوضع المستقيم) مع وجود العجلات الخلفية مرفوعة والعجلات الأمامية **على** الأرض.

طُرز الدفع الرباعي

تنصح شركة FCA بالسحب مع رفع جميع العجلات **عن** الأرض. والطرق المقبولة لذلك هي سحب السيارة على سيارة نقل مسطحة، أو مع رفع أحد طرفي السيارة ووضع الطرف المعاكس له على دلية سحب.

في حال لم تتوفر شاحنة سحب مسطحة وكانت علبة النقل تعمل، فيمكن سحب السيارات **المزوّدة بعلبة نقل ذات سرعتَين** (في الاتجاه الأمامي، مع رفع **كل** العجلات عن الأرض)، **إذا** كانت علبة النقل في وضع NEUTRAL (اللاتعشيق) وناقل الحركة في وضع **PARK (التوقف)** ⇦ صفحة ١٩٥.

لا تحتوي السيارات المزودة بعلبة نقل ذات سرعات فردية على وضع اللاتعشيق (N) لذا **يجب** أن تكون جميع العجلات **مرفوعة** عن الأرض عند جرها.

تنبيه!

- يجب عدم استخدام رافعات العجلة الأمامية أو الخلفية (إذا كانت العجلات المتبقية لا تزال على الأرض). سيحدث تلف داخلي في ناقل الحركة أو علبة نقل التروس في حالة استخدام رافعة عجلة أمامية أو خلفية أثناء السحب.
- يمكن أن ينجم عن مخالفة المتطلبات المعتمدة لسحب هذه السيارة حدوث أضرار بالغة في ناقل الحركة و/أو علبة نقل التروس. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

خطاطيف السحب في حالات الطوارئ - إذا كانت السيارة مزودة بذلك

قد تكون السيارة مزوّدة بخطافات سحب أمامية وخلفية. ستكون خطاطيف السحب الأمامية موجودة في الواجهة/ المصد السفلي. خطاف السحب الخلفي قابل للإزالة ويوجد داخل الرافعة وعلبة تخزين الأدوات أسفل أرضية الحمولة في منطقة الحمولة الخلفية ⇦ صفحة ٣١٥.

سحب سيارة معطلة

يصف هذا القسم الإجراءات الخاصة بسحب سيارة معطلة باستخدام خدمة سحب تجارية.

في حالة عمل ناقل الحركة ومجموعة الدفع والحركة، يمكن أيضًا سحب سيارات الدفع الرباعي 4×4 المعطلة على النحو الموصوف على ⇦ صفحة ١٩٥.

ظروف السحب	العجلات مرفوعة عن الأرض	طُرز الدفع الخلفي	طُرز نظام الدفع الرباعي المزودة بعلبة النقل ذات السرعة الفردية	طُرز نظام الدفع الرباعي المزودة بعلبة النقل ذات السرعة المزدوجة
السحب المسطح	لا يوجد	**غير مسموح**	**غير مسموح**	**التعليمات المُفصلة في ⇦ صفحة ١٩٥** • ناقل الحركة في وضع PARK (التوقف) • علبة النقل في وضع N (اللاتعشيق) • السحب باتجاه أمامي • فصل كابل البطارية السالب
رفع العجلات أو دلية سحب	الأمام	**غير مسموح**	**غير مسموح**	**غير مسموح**
	الخلف	OK (موافق)	**غير مسموح**	**غير مسموح**
شاحنة مسطحة	**الكل**	**الطريقة المثلى**	**OK (موافق)**	**الطريقة المثلى**

أجهزة السحب أو الرفع الصحيحة مطلوبة لمنع تلف السيارة. استخدم فقط قضبان السحب والمعدات الأخرى المصممة لهذا العرض متبعًا تعليمات الجهة المُصنِّعة للمعدات. يعتبر استخدام سلاسل السلامة إلزاميًا. قم بتوصيل قضيب السحب أو جهاز سحب آخر بالأجزاء الهيكلية الرئيسية للسيارة - وليس بالواجهة/المصدات أو الكتائف المتصلة بها. يجب مراعاة قوانين الولاية والقوانين المحلية التي تنطبق على السيارات الجاري سحبها.

ملاحظة:

يجب تمكين Tire Jack Mode (وضع رافعة الإطار) أو وضع Transport ⇦ صفحة ٢٢٣في السيارة المزوّدة بنظام التعليق الهوائي لمنع حركة نظام التعليق الهوائي أثناء السحب.

إذا تعين عليك استخدام الملحقات (الماسحات أو أدوات إزالة الصقيع، إلخ)، أثناء السحب، فيجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

إذا كانت بطارية السيارة فارغة من الشحن، راجع التعليمات حول نقل ناقل الحركة الأوتوماتيكي إلى خارج وضع التوقف (P) لتحريك السيارة ⇦ صفحة ٣٢٨.

تنبيه!

- لا تستخدم مُعدة قطر مزودة بقاطرة عند سحب السيارة. فقد يحدث تلف بالسيارة.
- عند تثبيت السيارة في شاحنة مسطحة، أحكم ربطها بأشرطة الإطارات/العجلات دائمًا. لا تقم بالتثبيت بمكونات نظام التعليق الأمامية أو الخلفية أو الهيكل أو الإطار. فسيترتب على قطر سيارتك بطريقة خاطئة حدوث تلفيات في السيارة.

تحذير!

إدارة الإطارات بسرعة يمكن أن يشكل خطرًا كبيرًا. وقد تؤدي القوة الناتجة عن سرعات عالية للعجلات إلى تلف محور الدوران والإطارات أو حدوث خلل بهما. وقد ينفجر الإطار ويسبب الإصابة لشخص ما. لا تقم بتدوير عجلات السيارة بسرعة أكبر من 48 كم/ساعة (30 ميلاً/ساعة) أو لأكثر من 30 ثانية متواصلة عندما تكون عالقًا ولا تترك أي شخص بالقرب من العجلة عند تدويرها مهما كانت السرعة.

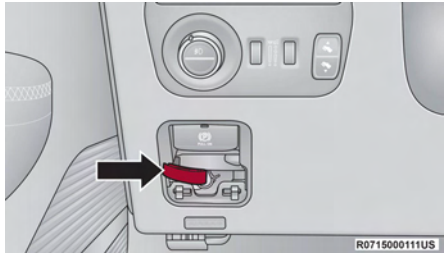
تنبيه!

- قد يترتب على زيادة سرعة المحرك أو تدوير العجلات بسرعة كبيرة إلى ارتفاع درجة حرارة محور النقل أو تعطله. دع المحرك يتباطأ أثناء وجود ناقل الحركة في وضع اللاتعشيق لمدة دقيقة واحدة على الأقل بعد كل خمس دورات من الهز. يقلل ذلك من ارتفاع درجة حرارة ناقل الحركة وتوقفه عن العمل أثناء زيادة الجهد لتحرير السيارة العالقة.
- عند "هز" سيارة معطلة عن الحركة عن طريق التبديل بين ترسي DRIVE (القيادة) وREVERSE (الرجوع للخلف)، لا تجعل العجلات تدور بسرعة أكبر من 24 كم/ساعة (15 ميلاً/ساعة) حتى لا يتسبب ذلك في تلف مجموعة الدفع والحركة.

(تابع)

تنبيه!

- قد يترتب على زيادة سرعة المحرك أو تدوير العجلات بسرعة كبيرة إلى ارتفاع درجة حرارة محور النقل أو تعطله. وقد يؤدي ذلك أيضًا إلى تلف الإطارات. لا تقم بتدوير العجلات بسرعة تزيد على 48 كم/ساعة (30 ميل/ساعة) أثناء القيادة في ترس (لا يحدث نقل في السرعة).

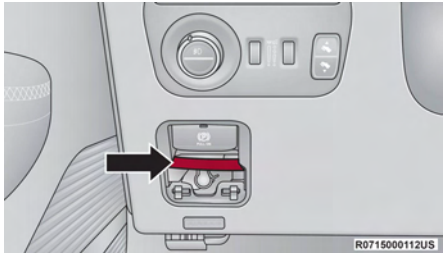


شريط التطويل

6. لا تحرر فرامل التوقف الكهربية (EPB) إلا عندما تكون السيارة متصلة بسيارة السحب بإحكام.

لإعادة تعيين تحرير التوقف اليدوي:

1. اضغط بقوة على دواسة الفرامل أثناء الجلوس في مقعد السائق.
2. اسحب شريط التطويل إلى الخارج مرة أخرى، ثم حرره.
3. اترك الشريط ليتم ضمه مع الذراع إلى وضعه الأصلي.
4. تحقق من أن ناقل الحركة في وضع التوقف (P).
5. تأكد من ضم الشريط بالكامل، ثم أعد تركيب غطاء الوصول. إذا كان لا يمكن إعادة تركيب غطاء الوصول مرة أخرى، فكرر الخطوات من 1 إلى 4.



تمت إعادة تركيب شريط التطويل

ملاحظة:

عند قفل الذراع في وضع التحرير، سيظل الشريط خارج لوحة الكسوة ولا يمكن إعادة تركيب غطاء الوصول.

إخراج سيارة عالقة

إذا علقت سيارتك في الطين أو الرمال أو الثلج، فيمكن تحريكها غالبًا بواسطة الحركة الاهتزازية. قم بتدوير عجلة القيادة جهة اليمين ثم جهة اليسار لإخلاء المنطقة المحيطة بالعجلات الأمامية. اضغط مطولاً على زر القفل بمحدد التروس. ثمّ قم بالتبديل للخلف والأمام بين وضعي القيادة (D) ووضع الرجوع للخلف (R) مع الضغط برفق على دواسة الوقود.

ملاحظة:

يمكن فقط تحقيق الانتقال بين وضع القيادة (D) والرجوع للخلف (R) عندما تكون سرعات العجلات 8 كم/ساعة (5 أميال/ساعة) أو أقل. عندما يكون ناقل الحركة في وضع NEUTRAL (اللاتعشيق) (N) لمدة تزيد عن ثانيتين، يجب أن تضغط على دواسة الفرامل لتشغيل وضع DRIVE (القيادة) (D) أو وضع REVERSE (الرجوع للخلف) (R).

إن الضغط على دواسة الوقود قليلاً سيحافظ على تأثير الحركة الاهتزازية دون التدوير السريع للعجلات أو تسريع المحرك.

ملاحظة:

اضغط على زر ESC OFF (إيقاف نظام التحكم في الاستقرار الإلكتروني) لضبط نظام التحكم في الاستقرار الإلكتروني (ESC) على وضع "Partial OFF" (الإيقاف الجزئي)، قبل هز السيارة. بمجرد تحرير السيارة، اضغط على زر ESC Off (إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني) مرة أخرى لاستعادة وضع "ESC On" (تشغيل نظام التحكم في الاستقرار الإلكتروني).

تنبيه!

قد تؤدي قيادة السيارة عندما يكون نظام تبريد المحرك ساخنًا إلى تلف السيارة. إذا كان جهاز مقياس درجة حرارة في وضع الحرارة العالية (H)، فيجب التنحي بالسيارة إلى جانب الطريق وإيقافها بمجرد أن يكون ذلك آمنًا. أوقف السيارة بعد ذلك أثناء إيقاف تشغيل جهاز تكييف الهواء حتى يهبط المؤشر إلى النطاق العادي. إذا بقي المؤشر في وضع الحرارة العالية H وسمعت طنينًا مستمرًا، فأطفئ المحرك فورًا واطلب صيانة سيارتك.

تحرير التوقف اليدوي

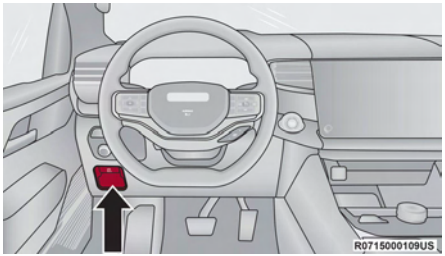
تحذير!

يجب أن تكون جالسًا في مقعد السائق مع وضع قدمك على دواسة الفرامل بإحكام للحفاظ على التحكم في السيارة قبل تنشيط نظام تحرير فرامل التوقف. إن أمكن، يجب أن تستعمل فرامل التوقف. سيتيح تنشيط تحرير التوقف اليدوي تحرك السيارة إذا لم تكن مثبتة أو متصلة بسيارة سحب بصورة صحيحة. قد يؤدي تنشيط تحرير التوقف اليدوي في السيارة غير محكمة التوصيل إلى حدوث إصابة خطيرة أو وفاة من بداخل السيارة أو حولها.

لتحريك السيارة في حالات لا يتم فيها نقل ناقل الحركة خارج وضع التوقف (P) (مثلاً البطارية مفرغة الشحن)، يتوافر تحرير التوقف اليدوي.

اتبع تلك الخطوات لتنشيط تحرير التوقف اليدوي:

1. اضغط بقوة على دواسة الفرامل أثناء الجلوس في مقعد السائق.
2. قم بتعشيق فرامل التوقف الكهربية (EPB)، إن أمكن.

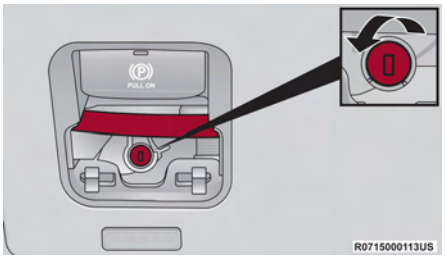


موقع تحرير التوقف اليدوي

3. باستخدام مفك براغي ذي رأس مسطح أو أداة مماثلة، فك غطاء الوصول لتحرير التوقف اليدوي، الموجود بالجانب السفلي الأيسر من عمود التوجيه، أسفل مفتاح فرامل التوقف الكهربائية (EPB).

غطاء الوصول

4. لإلغاء قفل المقبض، أدخل مفك براغي ذا رأس مسطح أو أداة مماثلة في تحرير القفل، وأدرها بمقدار ربع دورة في عكس اتجاه حركة عقارب الساعة واستمر في الضغط مع سحب شريط التطويل في الوقت نفسه.



تحرير القفل

5. اسحب شريط التطويل إلى الخارج إلى أقصى درجة ممكنة، ثم حرره. يجب أن يكون ناقل الحركة في وضع اللاتعشيق (N) الآن للسماح بتحرك السيارة.

تنبيه!

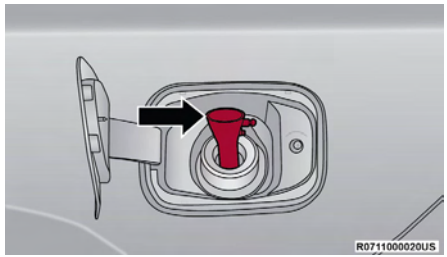
لتفادي انسكاب الوقود وغمر الخزان لا تواصل ضخ البنزين بعد امتلاء الخزان.

إعادة تعبئة علبة الوقود المستخدمة في الطوارئ

معظم علب الوقود لن تفتح الأبواب القلابة. لذا تم توفير قمع للسماح بإعادة التزود بالوقود من علبة الوقود في حالات الطوارئ.

راجع الخطوات التالية لإعادة التزود بالوقود:

1. قم باستعادة القمع من منطقة تخزين الحمولة الخلفية.
2. أدخل القُمع في فتحة أنبوب تعبئة الوقود.



إدخال القمع

3. تأكد من إدخال القمع بالكامل لتثبيت الأبواب القلابة في وضع الفتح.
4. قم بسكب الوقود في فتحة القمع.
5. أزل القمع من أنبوب التعبئة، ونظفه قبل وضعه مرة أخرى في منطقة التخزين عند الإطار الاحتياطي.

تحذير!

- امتنع بتاتًا عن إشعال السجائر داخل أو قرب السيارة عندما يكون باب فتحة تعبئة خزان الوقود مفتوحًا أو أثناء تعبئة الخزان.
- لا تضف مطلقًا أي كمية من الوقود أثناء تشغيل المحرك. يعتبر هذا انتهاكًا لقوانين معظم الدول وقد يتسبب ذلك في إضاءة ضوء مؤشر العطل.
- قد يحدث حريق في حالة ضخ كمية من الوقود داخل حاوية متنقلة موجودة داخل السيارة. وقد تصاب بحروق. دائمًا ضع القنينة على الأرض عند تعبئتها.

في حالة ارتفاع درجة حرارة المحرك بشكل زائد عن الحد

في حالة حدوث سخونة زائدة في السيارة، سيتعين صيانتها بواسطة وكيل معتمد.

يمكن أن تكون الإشارات المحتملة لسخونة السيارة الزائدة:

- مقياس درجة الحرارة في وضع الحرارة العالية (H)
- رائحة سائل التبريد قوية
- صدور دخان أبيض من المحرك أو نظام العادم
- وجود فقاعات في سائل التبريد بزجاجة سائل التبريد

تحذير!

يمكنك كما يمكن للآخرين التعرض لخطر الاحتراق بواسطة سائل تبريد المحرك أو البخار الساخن المتصاعد من الرادياتير. إذا رأيت أو سمعت صوت الأبخرة المتصاعدة من أسفل غطاء المحرك، فلا تفتح الغطاء حتى يبرد الرادياتير. لا تحاول فتح غطاء ضغط نظام التبريد إذا كان الرادياتير أو غطاء سائل التبريد ساخنين.

إذا كان مقياس درجة الحرارة يتحرك نحو أو بالقرب من وضع HOT (H)، فإن الإجراءات التالية ستقلل من احتمالية ارتفاع درجة الحرارة.

- في الطرق السريعة - قلل السرعة.
- داخل المدينة - عند التوقف، ضع ناقل الحركة في وضع NEUTRAL (اللاتعشيق)(N)، ولكن لا تزد من سرعة تباطؤ المحرك أثناء منع السيارة من الحركة باستخدام الفرامل.
- أطفئ مكيف الهواء. وذلك لأن نظام مكيف الهواء يُضيف حرارة إلى نظام تبريد المحرك ويساعد إطفاء مكيف الهواء في إزالة هذه الحرارة المضافة.
- أدر مفتاح التحكم في درجة الحرارة إلى وضع الحرارة القصوى ووضع مفتاح التحكم بمنافذ الهواء في وضع المنافذ الأرضية ومفتاح التحكم بالمروحة في وضع عال. إن ذلك يتيح لجهاز التدفئة العمل كمساعد للرادياتير للتخلص من الحرارة في نظام تبريد المحرك.

تحذير!
تجنب توصيل كابل العبور بالقطب السالب **(-)** للبطارية غير المشحونة. قد يؤدي حدوث شرارة كهربية إلى انفجار البطارية وقد ينجم عن ذلك إصابة شخصية.

5. ابدأ تشغيل محرك السيارة الموجود بها البطارية المعززة، واترك المحرك دائرًا في حالة التباطؤ لعدة دقائق، ثم ابدأ تشغيل محرك السيارة الموجود بها البطارية فارغة الشحن.

تنبيه!
لا تقم بتشغيل محرك السيارة المعززة أعلى من 2000 دورة في الدقيقة لأنه لا يقدم أي فائدة للشحن، ويمكن للنفايات والوقود أن يتسببا في حدوث تلف بمحرك السيارة المعززة.

6. بمجرد بدء تشغيل المحرك، راجع إجراء الفصل التالي.

فصل كابلات العبور

1. افصل طرف كابل العبور السالب **(-)** عن الطرف الأرضي لمحرك السيارة الموجود بها البطارية غير المشحونة.
2. افصل الطرف المقابل لكابل العبور السالب **(-)** من القطب السالب **(-)** للبطارية المعززة.
3. افصل طرف كابل العبور الموجب **(+)** عن القطب الموجب **(+)** للبطارية المعززة.
4. افصل الطرف المقابل لكابل التوصيل الموجب **(+)** من القطب الموجب **(+)** من السيارة المفرغة الشحن.
5. أعد تركيب الغطاء الواقي فوق قطب البطارية الموجب **(+)** من السيارة مفرغة الشحن.

إذا تطلب الأمر تشغيل البطارية الضعيفة بتوصيلها بسيارة أخرى بشكل متكرر من أجل بدء تشغيل السيارة، فافحص البطارية ونظام الشحن عند وكيل معتمد.

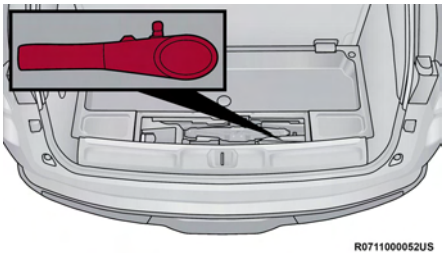
تنبيه!
تقوم الملحقات الموصلة بمآخذ الطاقة الكهربية بالسيارة بسحب الطاقة من بطارية السيارة، حتى عند عدم استخدامها (مثل الهواتف الخلوية وما إلى ذلك). وبالتالي، إذا تم توصيلها لفترات طويلة دون تشغيل المحرك، فستؤدي إلى تفريغ شحنة البطارية بدرجة تؤدي إلى تقصير العمر الافتراضي للبطارية و/أو منع المحرك من بدء التشغيل.

التزود بالوقود في حالات الطوارئ

السيارة مزوّدة بقمع التزود بالوقود الخاص بنظام الوقود دون غطاء، والذي يوجد مع الرافعة والأدوات ⇦ صفحة ٣١٥. عِند الحاجة إلى التزود بالوقود، أثناء استخدام علبة الوقود المعتمدة، يُرجى إدخال قمع التزود بالوقود في فتحة عنق التعبئة.

ملاحظة:

في بعض ظروف الطقس البارد، قد يمنع الجليد فتح باب الوقود. إذا حدث هذا، فاضغط برفق على محيط باب الوقود لتهشيم الجليد المتراكم وإعادة تحرير باب الوقود بالضغط على الحافة الخارجية الخلفية بالقرب من المنتصف لفتحه. لا تقم بفك الباب.



موقع قمع التزود بالوقود

3. إذا كنت تستخدم سيارة أخرى لبدء التشغيل بالتوصيل ببطارية أخرى، فقم بإيقاف السيارة ضمن نطاق كابلات العبور واستعمل فرامل التوقف وتأكد من ضبط مفتاح التشغيل على وضع OFF (إيقاف التشغيل).

تحذير!
لا تسمح بتلامس السيارتين مع بعضهما البعض حيث قد ينتج من ذلك حدوث اتصال أرضي وقد يترتب على ذلك حدوث إصابات.

ملاحظة:

تأكد من عدم ملاسة نهايات الكابل المفصول بعضها البعض، أو ملامستها للسيارة، حتى يتم توصيلها بطريقة صحيحة من أجل التشغيل عن طريق التوصيل ببطارية أخرى.

تحذير!
• احرص على الابتعاد عن مروحة التبريد الموجودة في الراديياتير أثناء رفع غطاء المحرك. فقد تبدأ في العمل في أي وقت طالما كان مفتاح التشغيل مضبوطًا على وضع ON (التشغيل). قد تتعرض للإصابة عند تحريك ريش المروحة. • لا ترتد أي مجوهرات معدنية مثل سلاسل الخواتم والساعات والأساور، والتي قد تؤدي إلى حدوث تلامس كهربي غير مقصود. قد تتعرض لإصابة خطيرة.

(تابع)

تحذير!
• تحتوي البطاريات على حمض كبريتي يمكن أن يؤدي إلى إحراق البشرة أو العينين، كما أنها تولد غاز الهيدروجين القابل للاشتعال وسريع الانفجار. احرص على إبعاد اللهب أو أي مصدر للشرر عن البطارية.

إجراء تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى

تحذير!
قد يؤدي الإخفاق في اتباع إجراء تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى إلى الإصابة الشخصية أو تلف الممتلكات بسبب انفجار البطارية.

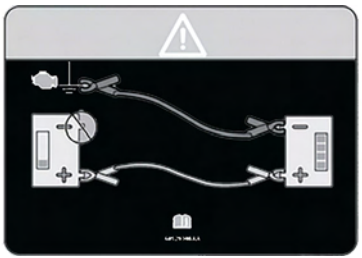
تنبيه!
وقد يؤدي الإخفاق في اتباع هذه الإجراءات إلى حدوث تلف بنظام الشحن بالسيارة المعززة أو السيارة مفرغة الشحن.

ملاحظة:

تأكد في جميع الأوقات أن الأطراف غير المستخدمة بكابلات العبور لا تتلامس مع بعضها البعض أو مع السيارة أثناء عمل التوصيلات.

توصيل كابلات العبور

1. قم بتوصيل الطرف الموجب **(+)** من كابل التوصيل إلى القطب الموجب **(+)** البعيد من السيارة مفرغة الشحن.
2. قم بتوصيل الطرف المقابل لكابل التوصيل الموجب **(+)** بالقطب الموجب **(+)** لبطارية التعزيز.
3. قم بتوصيل الطرف السالب **(-)** من كابل العبور بالقطب السالب **(-)** للبطارية المعززة.
4. قم بتوصيل الطرف المقابل لكابل العبور السالب **(-)** بأرضي جيد بالمحرك. "الأرضي" هو جزء معدني/ غير مطلي مكشوف في المحرك، أو الهيكل، أو الشاسيه، مثل كتيفة الملحقات أو مسمار كبير. يجب أن يكون الأرضي بعيدًا عن البطارية ونظام حقن الوقود.



ملصق تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى

5. حرّك مقبض صمام النفخ/التفريغ الموجود على خرطوم الهواء إلى الوضع "CLOSE" (إغلاق) وراقب ضغط المقياس بصورة دورية. افتح الصمام وتابع، إذا لزم الأمر، حتى يتم الوصول إلى الضغط المطلوب.
6. إذا لزم ضغط إضافي بعد التفريغ، فأدر إطار مقياس الضغط القابل للضبط على الضغط المطلوب وأعد تشغيل الضاغط.
7. عند انتهاء التفريغ، ما عليك سوى فصل خرطوم هواء الضاغط من عمود صمام الإطار ووضعه مرة أخرى في علبة التخزين بحرص. تأكد من أن الضاغط قيد إيقاف التشغيل.

تحذير!

- يجب استخدام تفريغ الإطارات لتحقيق أغراض الطرق غير الممهدة فقط وليس للقيادة في المدن أو على الطرق السريعة ⇦ صفحة ٣٦٨.
- نفخ الإطارات بصورة غير صحيحة يعتبر خطيرًا ويمكن أن يؤدي إلى وقوع حوادث.
- قلة ضغط الهواء في الإطار تزيد من تمدد الإطار وقد تؤدي إلى زيادة سخونته وتلفه.
- قد يؤدي تقليل ضغط الإطارات إلى عدم ثبات السيارة وفقدان ضغط الهواء بالكامل. لتقليل الخطر الناتج عن عدم ثبات السيارة وإفراغ الإطارات، قم بتقليل سرعة السيارة وتجنب الانحناءات الخطيرة أو المناورات المفاجئة أثناء تقليل ضغط الإطارات.
- اتبع تعليمات النفخ وفقًا لقيم الضغط الموصى بها في المصنع قبل العودة إلى قيادة السيارة على الطريق.

تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى

إذا كانت السيارة تحتوي على بطارية مفرغة الشحن، فيمكن تشغيلها بتوصيلها بسيارة أخرى باستخدام مجموعة من كابلات العبور وبطارية في سيارة أخرى أو باستخدام مجموعة البطارية المعززة المحمولة. يمكن أن يكون تشغيل سيارة ذات بطارية ضعيفة بتوصيلها بسيارة أخرى أمرًا خطيرًا إذا تم تنفيذه بشكل غير صحيح، لذا يُرجى اتباع الإجراءات الواردة في هذا القسم بعناية.

تحذير!

لا تحاول تشغيل السيارة ذات البطارية الضعيفة بتوصيلها بسيارة أخرى إذا كانت البطارية قد وصلت لدرجة حرارة التجمد. فقد تتمزق أو تنفجر وتؤدي إلى حدوث إصابات شخصية.

تنبيه!

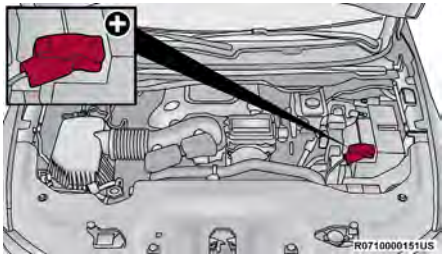
لا تستخدم الحزمة المحمولة لتعزيز البطارية أو أي مصدر تعزيز آخر مع فولتية للنظام تزيد عن 12 فولت، وإلا فقد تتلف البطارية أو موتور جهاز بدء التشغيل أو مولد التيار المتردد أو النظام الكهربي.

ملاحظة:

وعند استخدام حزمة محمولة لتعزيز البطارية، اتبع الاحتياطات وإرشادات التشغيل الخاصة بالجهة المصنعة.

التحضيرات لتشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية معززة

توجد بطارية السيارة في الجزء الأمامي من غرفة المحرك خلف مجموعة المصباح الأمامي الأيسر.



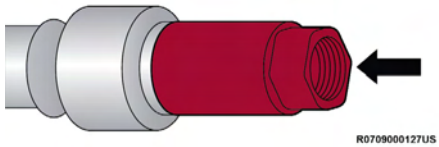
قطب التشغيل من بطارية أخرى الموجب (+)

ملاحظة:

قد يكون قطب البطارية الموجب **(+)** مغطى بغطاء واق. ارفع الغطاء للتعامل مع قطب البطارية الموجب. لا تأخذ شحنة دافعة من المنصهرات. لا تأخذ شحنة دافعة إلا من القطب الموجب الذي يوجد فوقه أو بجواره رمز **(+)**.

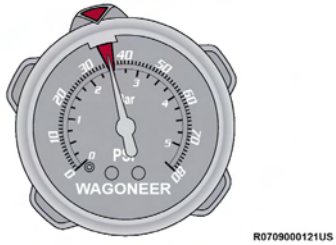
راجع الخطوات التالية للاستعداد من أجل بدء التشغيل من خلال التوصيل ببطارية معززة:

1. اضغط على فرامل التوقف، وقم بتبديل ناقل الحركة الأوتوماتيكي إلى وضع التوقف (P)، ثم أدر مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).
2. أوقف تشغيل جهاز التدفئة والراديو وجميع الملحقات الكهربية.



تركيبة طرف خرطوم الهواء

4. قم بتدوير إطار مقياس الضغط على الضغط المطلوب.



إطار مقياس الضغط

5. اضغط على مفتاح طاقة ضاغط الإطارات لتشغيل الضاغط. عند الوصول إلى الضغط المطلوب، يتم إيقاف تشغيل الضاغط أوتوماتيكيًا.

مفتاح ON/OFF (التشغيل/إيقاف التشغيل)

6. حرّك مقبض صمام النفخ/التفريغ الموجود على خرطوم الهواء إلى الوضع "CLOSE" (إغلاق) وراقب ضغط المقياس بصورة دورية. افتح الصمام وتابع، إذا لزم الأمر، حتى يتم الوصول إلى الضغط المطلوب.
7. إذا لزم ضبط الضغط، فأدر إطار مقياس الضغط القابل للضبط على الضغط المطلوب وأعد تشغيل الضاغط.
8. عند التغيير إلى الإطار التالي، تأكد من أن مقبض الصمام في الوضع "CLOSE" (إغلاق)، وفُك موصل عمود الصمام وانتقل إلى الخرطوم التالي.
9. عند الانتهاء من النفخ، ما عليك سوى فصل خرطوم ضاغط الهواء من عمود صمام الإطار ووضعه مرة أخرى في علبة التخزين بحرص. تأكد من أن الضاغط قيد إيقاف التشغيل.

ملاحظة:

يتمتع الضاغط بميزة الحماية من درجة الحرارة. إذا توقف الضاغط عن العمل بعد الاستخدام لفترة طويلة أو في ظروف الحرارة العالية، فما عليك سوى تركه لوقت حتى يبرد وإعادة تشغيله.

تحذير!
يصبح الضاغط ساخنًا أثناء الاستخدام، ولتجنب الإصابة، توخ الحرص عند التعامل مع الموصل السريع للخرطوم بعد الاستخدام.

استخدام ضاغط الإطارات المتكامل للتفريغ:

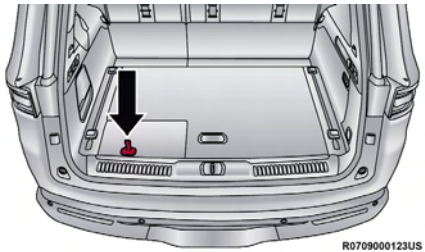
1. فُك خرطوم هواء الضاغط، ثم أزل الغطاء عن التركيبة الموجودة في طرف الخرطوم.
2. تأكد من أن مقبض صمام النفخ/التفريغ الموجود على خرطوم الهواء في الوضع "OPEN" (فتح)، حتى يخرج الهواء عبر الصمام.
3. أزل الغطاء عن عمود صمام الإطار، ثم قم بلف التركيبة الموجودة في طرف خرطوم هواء الضاغط على عمود صمام الإطار (توخ الحذر كي لا تتجاوز السن الملولبة).
4. اضغط على مفتاح طاقة ضاغط الإطارات لتشغيل الضاغط. أثناء التفريغ، يظهر مقياس الضغط قريبًا من الصفر أثناء خروج الهواء.

طقم ضاغط الإطارات المتكامل — إذا كانت السيارة مزوّدة بذلك

إن سيارتك مزوّدة بضاغط إطارات متكامل، قد يكون مفيدًا في حالات الطوارئ على الطريق أو في نفخ الإطارات وتفريغها على الطرق غير الممهدة.

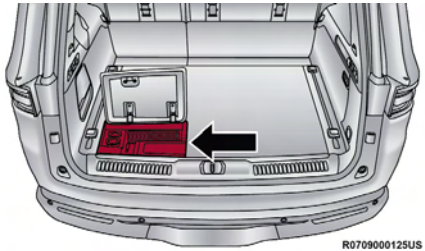
تخزين طقم ضاغط الإطارات المتكامل

يتم تخزين ضاغط الإطار داخل علبة تخزين فريدة أسفل أرضية التحميل في منطقة الحمولة الخلفية.



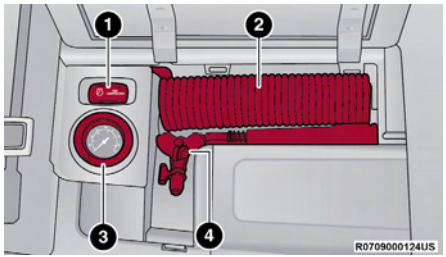
مقبض تخزين طقم ضاغط الإطارات المتكامل

ارفع المقبض لأعلى للوصول إلى ضاغط الإطارات.



طقم ضاغط الإطارات المتكامل

مكونات طقم ضاغط الإطارات المتكامل وتشغيله



مكونات طقم ضاغط الإطارات

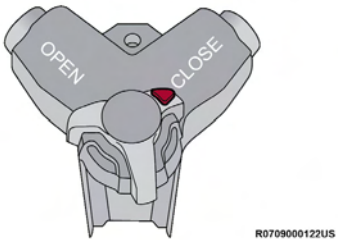
1 — مفتاح الطاقة
2 — خرطوم الهواء
3 — إطار مقياس الضغط القابل للضبط
4 — صمام النفخ/التفريغ

استخدام ضاغط الإطارات المتكامل للنفخ:

ملاحظة:

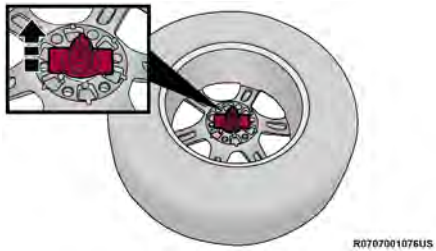
لمنع تفريغ شحن البطارية، يوصى بتشغيل المحرك أثناء استخدام ضاغط الإطارات.

1. فُك خرطوم الهواء، ثم قم بإزالة الغطاء من التركيبة الموجودة في طرف الخرطوم.
2. تأكد من أن مقبض صمام النفخ/التفريغ الموجود على خرطوم الهواء في الوضع "CLOSE" (إغلاق)، حتى لا يتسرب الهواء عبر الصمام.



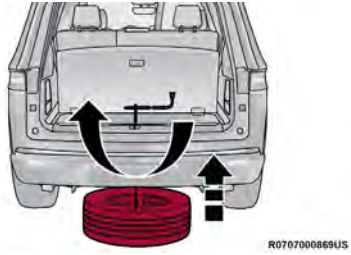
صمام النفخ/التفريغ

3. أزل الغطاء عن عمود صمام الإطار، ثم قم بلف التركيبة الموجودة في طرف خرطوم الهواء على عمود صمام الإطار (توخ الحذر كي لا تتجاوز السن الملولبة).



إعادة تركيب مثبت الونش

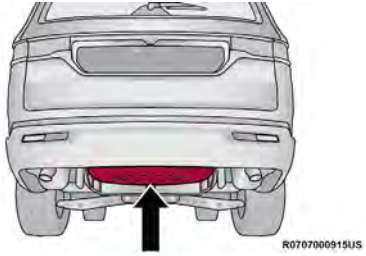
11. حرك عجلة الطريق على الأرض حتى تكون أسفل الونش مباشرة وبين المصد/الواجهة الخلفية والواقيات الحرارية لنظام العادم. ارفع الإطار عن طريق لف مفتاح الربط على امتداد الونش في اتجاه عقارب الساعة حتى تسمع صوت طقطقة/صوت تعشيق ثلاث مرات للتأكد من إحكام الكابل.



تخزين عجلة الطريق

ملاحظة:

عاود الفحص مرة أخرى للتأكد من تضام الإطار مع الجزء السفلي من السيارة. قد ينجم عن قيادة السيارة في ظل عدم التثبيت المحكم للإطار تلفًا بكابل الرافعة.



تخزين عجلة الطريق

تحذير!
فقد يترتب على اندفاع الإطار أو الرافعة غير المثبت بإحكام داخل السيارة عند التعرض لحادث اصطدام أو بسبب التوقف المفاجئ، تعرض حياة الركاب الموجودين داخل السيارة للخطر. احرص دومًا على وضع أجزاء الرافعة والإطار الاحتياطي في الأماكن المخصصة لذلك. قم بإصلاح أو استبدال الإطار على الفور.

12. أنزل الرافعة إلى وضع الإغلاق الكامل.
13. أعد الرافعة والأدوات إلى علبة تخزين الرافعة مرةً أخرى. أعد تركيب غطاء تخزين الرافعة عن طريق الضغط لأسفل بقوة حتى يتم تثبيت المشابك في مواضعها.
14. بعد قطع مسافة 40 كم (25 ميلاً) افحص عزم صواميل العجلات باستخدام مفتاح ربط ذي قوة عزم مناسبة للتأكد من أن جميع صواميل العجلات مثبتة بشكل صحيح في العجلات.
15. قم بإصلاح عجلة الطريق والإطار في أسرع وقت ممكن وقم بتثبيت الإطار الاحتياطي والرافعة ومجموعة الأدوات.

ملاحظة:

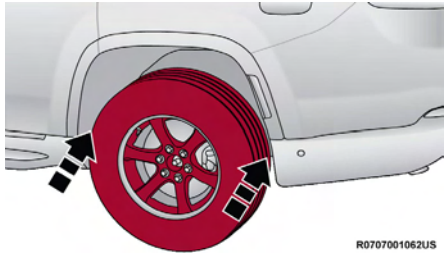
لا تقد السيارة مع تركيب الإطار الاحتياطي لأكثر من 80 كم (50 ميلاً) بحد أقصى للسرعة يبلغ 80 كم/ساعة (50 ميلاً/الساعة).

5. ارفع السيارة باستخدام مفتاح ربط صواميل العجلة ومقبض الرافعة لإدارة برغي الرافعة في اتجاه حركة عقارب الساعة. ارفع السيارة فقط حتى يبتعد سطح الإطار عن الأرض بمسافة كافية تسمح بتركيب الإطار الاحتياطي. حيث يتيح ذلك إمكانية رفع الإطار إلى أدنى ارتفاع ممكن يسمح بتحريكه بسهولة، مع الحفاظ على أقصى قدر ممكن من استقرار السيارة.

تحذير!
فقد يؤدي ارتفاع السيارة إلى مستوى أعلى من المطلوب إلى التأثير سلبيًا على استقرار السيارة. فقد تنزلق السيارة من فوق الرافعة فجأة وتصيب من يقف بجوارها. ارفع السيارة بما يكفي فقط لفك الإطار.

6. قم بفك الصواميل والعجلة.
7. اضبط العجلة أو الإطار الاحتياطي مع السيارة وقم بتركيب صواميل العجلات على أن يكون الطرف المخروطي لها في اتجاه العجلة. أحكم ربط الصواميل برفق.

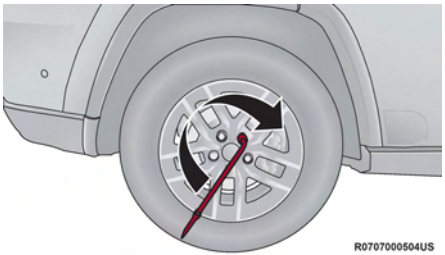
تنبيه!
تأكد من تركيب الإطار الاحتياطي وعمود الصمام مواجه للخارج. قد يلحق التلف بالسيارة في حالة تركيب الإطار الاحتياطي القابل للنفخ بطريقة غير صحيحة.



تركيب الإطار الاحتياطي

تحذير!
لكي تتجنب مخاطر انزلاق السيارة عن الرافعة، لا تحكم ربط صواميل العجلات تمامًا حتى تخفض السيارة عن الرافعة. قد يترتب على عدم اتباع هذا التحذير التعرض لإصابة بالغة.

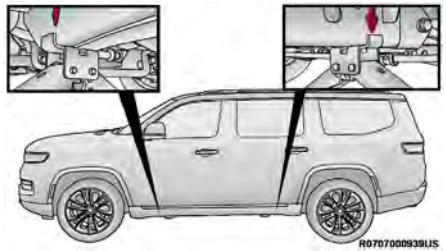
8. أنزل السيارة بإدارة عداد برغي الرافعة في اتجاه عكس عقارب الساعة، وارفع الرافعة وحواجز العجلات.
9. قم بإتمام إحكام صواميل غطاء العجلة. اضغط على مفتاح الربط لأسفل من طرف المقبض لزيادة الرفع. أحكم ربط صواميل العجلات على شكل نجمة بحيث يتم إحكام ربط كل صامولة مرتين. من أجل عزم ربط صامولة العجلة الصحيحة ⇦ صفحة ٣٧٩. إذا لم تكن متأكدًا من إحكام الربط الصحيح، فيمكنك التحقق باستخدام مفتاح ربط ذي قوة عزم بواسطة الوكيل المعتمد أو في محطة الصيانة.



ربط صواميل العجلات

10. ضع العجلة خلف الواجهة/المصد الخلفي بحيث يكون عمود الصمام مواجهًا للداخل. ادفع طرف كابل الونش والزنبرك الخاص به وجلبته الفولاذية عبر الجانب الأمامي من عجلة الطريق. تأكد من أن الجزء الخلفي للعجلة مواجه للأرض عند تخزين العجلة.

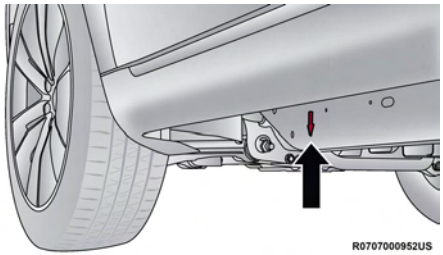
ملاحظة:
ضبط موضع مواقع الرفع الأمامية والخلفية. حافظ على محاذاة الرافعة والأدوات أثناء رفع السيارة لمنع تلف الأداة. راجع الصور التالية لمعرفة مواقع الرفع الصحيحة.



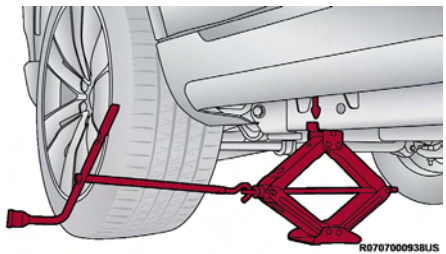
مواقع الرفع

تنبيه!
لا تحاول رفع السيارة بوضع الرافعة في مواقع غير تلك الموضحة في تعليمات وضع الرافعة لهذه السيارة.

3. عند تغيير إطار أمامي، ضع الرافعة المقصية تحت نقطة رفع الشاسيه الأمامية، المُشار إليها برمز نقطة الرفع المثلثة الموضّح في الصورة الآتية. **لا ترفع السيارة حتى تتأكد من أن الرافعة مثبتة تمامًا.**

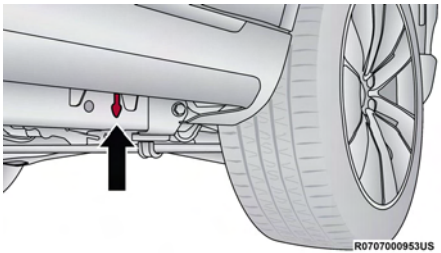


نقطة الرفع الأمامية

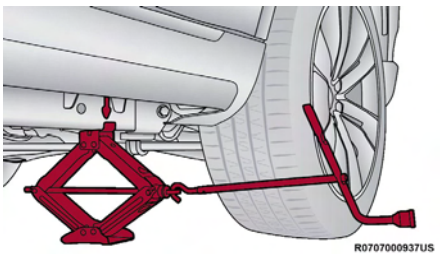


موقع الرفع الأمامي

4. عند تغيير إطار خلفي، ضع الرافعة المقصية تحت نقطة رفع الشاسيه الخلفية، المُشار إليها برمز نقطة الرفع المثلثة الموضّح في الصورة الآتية. **لا ترفع السيارة حتى تتأكد من أن الرافعة مثبتة تمامًا.**



نقطة الرفع الخلفية



موقع الرفع الخلفي

تعليمات الرفع

تحذير!

اتبع تحذيرات تغيير الإطارات هذه للمساعدة في منع الإصابة البدنية أو تلف السيارة:

- قم دائمًا بإيقاف السيارة على سطح مستو وصلب بعيدًا عن حافة الطريق قدر الإمكان قبل رفع السيارة.
- قم بتشغيل وامضات التحذير من الخطر.
- استعمل فرامل التوقف وضع ناقل الحركة في وضع PARK (التوقف).
- قم بوضع حاجز خلف العجلة المقابلة قطريًا للعجلة التي سيتم رفعها.
- لا تقم بتشغيل السيارة أو تدوير المحرك أثناء وجود السيارة على الرافعة.
- لا تدع أي شخص يجلس داخل السيارة عندما تكون على رافعة.
- لا تدخل تحت السيارة عندما تكون على رافعة. وإذا كنت مضطرًا للدخول تحت سيارة مرفوعة، فخذ السيارة إلى مركز صيانة لرفعها على رافعة خاصة بذلك.
- استخدم الرافعة في المواضع المشار إليها فقط ولرفع هذه السيارة أثناء تغيير إطار.
- عند العمل على طريق سيارات أو بالقرب منه، كن حذرًا للغاية من السيارات المارة.

(تابع)

تحذير!

- للتأكد من تخزين الإطارات الاحتياطية المفرغة أو المنفوخة بشكل محكم، يجب تخزين الإطارات الاحتياطية بحيث يكون الجزء الخلفي من العجلة مواجهًا للأرض.
- ويجب استخدام الرافعة على أرض مستوية وثابتة إن أمكن.
- يُوصى بتثبيت عجلات السيارة وألا يبقى أي شخص موجودًا داخل السيارة التي يتم رفعها.
- يجب ألا يضع أي شخص أي جزء من جسمه أسفل السيارة التي يتم رفعها بواسطة رافعة.

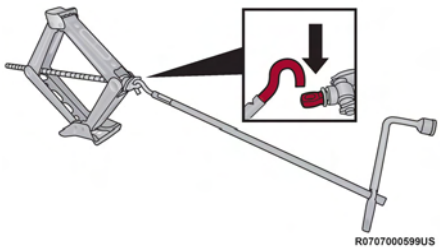
060600714

ملصق تحذير الرافعة

1. قم بفك صواميل العجلة (دون إزالتها) بواسطة مفتاح ربط الصواميل بلفها عكس اتجاه حركة عقارب الساعة بمقدار لفة واحدة أثناء وجود العجلة على الأرض.

فك صواميل العجلات

2. قم بتجميع الرافعة وأدوات الرفع ⇦ صفحة ٣١٧.

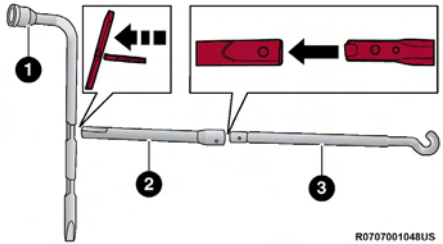


الرافعة والأداة مُجمّعتان

إخراج الإطار الاحتياطي

أخرج الإطار الاحتياطي قبل محاولة رفع السيارة. ويتم تخزين الإطار الاحتياطي أسفل منطقة الحمولة الخلفية بالجانب الخارجي من السيارة.

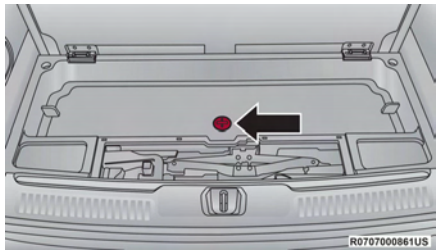
1. قم بتجميع أدوات الرافعة.



مجموعة أداة الرفع

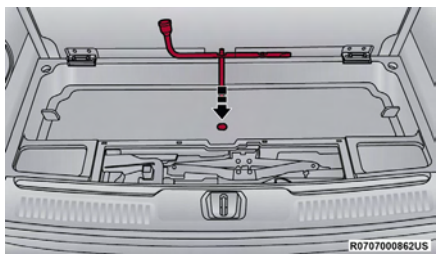
1 — مفتاح ربط صواميل العجلات
2 — وصلة ذراع الرافعة
3 — ذراع الرافعة

2. حدد مكان السدادة وفكها من أرضية صندوق التخزين لكشف فتحة الوصول إلى الرافعة.

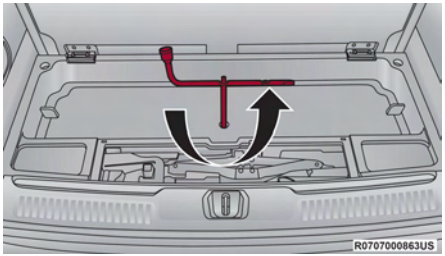


سدادة صامولة الونش

3. قم بتركيب وصلة مقبض الرافعة فوق صامولة التوجيه. استخدم مفتاح ربط صواميل العجلات ووصلة التمديد لإنزال الإطار الاحتياطي بالكامل. استمر في تدوير المقبض عكس اتجاه دوران عقارب الساعة حتى يتوقف الونش.

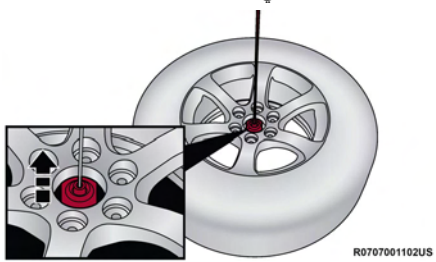


موقع صامولة تدوير المرفاع



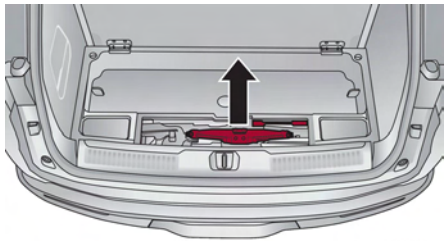
تدوير مفتاح الربط

4. أخرج الإطار من تحت السيارة وأدره بشكل رأسي خلف الواجهة/المصد الخلفي.
5. اسحب المثبت المعدني نحوك لتحريره.
6. حرك التثبيت أعلى أنبوب الامتداد المصنوع من الصلب وكابل الرافعة. قم بتدوير المثبت وادفعه خلال الفتحة الموجودة في العجلة.



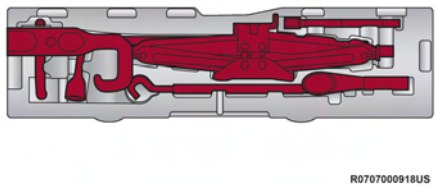
تحرير مثبت الونش

3. اسحب لأعلى لإخراج الرافعة والأدوات من التخزين.

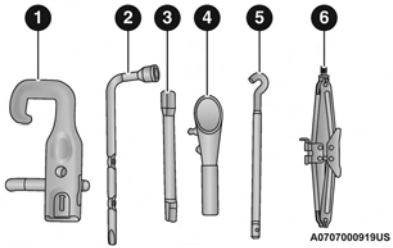


إخراج الرافعة والأدوات

ملاحظة:
قد تختلف الأدوات المعروضة وفقا لمستوى كسوة السيارة.



مساحة تخزين الرافعة والأدوات

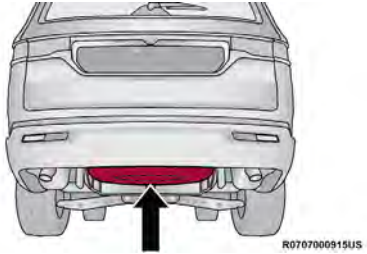


وصف أدوات الرفع

1 — خطاف السحب (إذا كانت السيارة مزوّدة بذلك)
2 — مفتاح ربط صواميل العجلات
3 — وصلة ذراع الرافعة
4 — قمع ملء الوقود
5 — ذراع الرافعة
6 — رافعة المقص

تخزين الإطار الاحتياطي

يخزن الإطار الاحتياطي تحت مؤخرة السيارة بآلية ونش تتضمن كابل. لإخراج الإطار الاحتياطي أو تخزينه استخدم مقبض الرافعة/مفتاح ربط الصواميل المتصل بامتداد المقبس المربع لإدارة صامولة "محور الإطار الاحتياطي". وتقع الصامولة تحت قابس مطاطي في مؤخرة منتصف أرضية منطقة الحمولة، داخل فتحة باب المؤخرة تمامًا.



موقع الإطار الاحتياطي

تنبيه!
تم تصميم آلية الونش للاستخدام مع أداة امتداد مفتاح ربط صواميل الرافعة فقط. قد يؤدي استخدام مفتاح فك يعمل بضغط الهواء أو أداة تعمل بالطاقة إلى إتلاف المفتاح.

تحذير!
• لا تشرع في تشغيل السيارة أو تدوير المحرك أثناء وجود السيارة على الرافعة. • لقد تم تصميم الرافعة للاستخدام كأداة لتغيير الإطارات فقط. ويجب عدم استعمالها لرفع السيارة للقيام بخدمات الصيانة. يجب رفع السيارة على سطح ثابت ومستو. تجنب الأسطح المغطاة بالجليد أو الزلقة.

ملاحظة:

إذا كانت سيارتك مزودة بنظام التعليق الهوائي، فستوجد ميزة تتيح لك تعطيل ضبط المستوى الأوتوماتيكي قبل تغيير الإطار. يمكن تنشيط هذه الميزة من خلال نظام Uconnect ⇦ صفحة ٢٢٣.

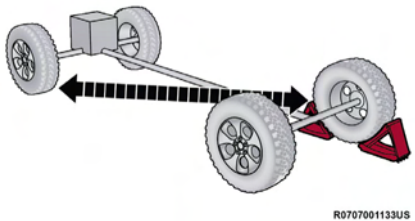
التحضير لرفع السيارة

قبل تغيير أحد الإطارات أو استخدام الرافعة، يُرجى تعطيل باب المؤخرة المشغل من دون استخدام اليدين. يمكن تعطيل هذه الميزة من خلال نظام Uconnect ⇦ صفحة ٢٠٣.

1. قم بإيقاف السيارة على سطح مستو وصلب بعيدًا عن حافة الطريق قدر الإمكان. تجنب المناطق الثلجية أو الزلقة.

تحذير!
لا تحاول تغيير الإطار في الجانب القريب من حركة المرور. أوقف سيارتك بعيدًا عن الطريق لكي تتفادى التعرض للدهس عند استعمالك للرافعة أو أثناء تغيير العجلة.

2. قم بتشغيل وامضات التحذير من الخطر.
3. استعمل فرامل التوقف.
4. ضع محدد التروس في وضع التوقف (P).
5. ضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل).
6. ضع حواجز أمام كلٍ من مقدمة ومؤخرة العجلة المقابلة لموضع الرفع. مثلاً إذا أردت تغيير الإطار الأمامي على جانب السائق فضع الحواجز أمام العجلة الخلفية على جانب الراكب.



مثال على العجلة الموضوع أمامها حواجز

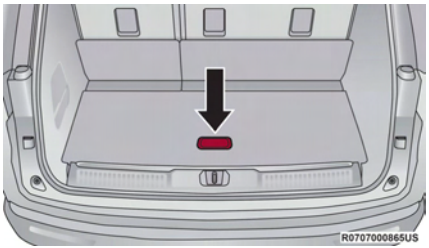
ملاحظة:

يجب خروج الركاب من السيارة قبل رفعها.

موقع الرافعة والأدوات

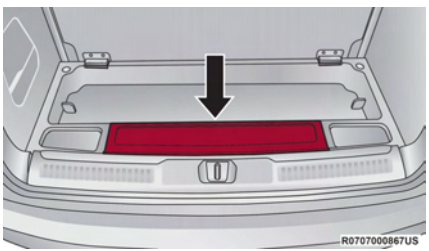
توجد الرافعة المقصية وأدوات تغيير الإطار في منطقة الحمولة الخلفية أسفل أرضية الحمولة.

1. ارفع مقبض أرضية الحمولة لأعلى للوصول إلى مساحة تخزين الرافعة والأدوات.



مقبض أرضية الحمولة

2. قم بإزالة غطاء تخزين الرافعة للوصول إلى الرافعة والأدوات.



غطاء الوصول إلى الرافعة والأدوات

تحذير!

- لا تضع أي شيء مطلقًا على هوائيات شبكة الجيل الرابع (4G) أو نظام تحديد المواقع العالمي (GPS) بالسيارة أو بالقرب منها. فقد تمنع استقبال إشارة شبكة الجيل الرابع (4G) ونظام تحديد المواقع العالمي (GPS)، مما قد يمنع السيارة من إجراء مكالمة طوارئ. يلزم توفر اتصال شبكة الجيل الرابع (4G) الصالح للعمل وإشارة نظام تحديد المواقع العالمي (GPS) لكي يعمل نظام مكالمات الطوارئ SOS بطريقة صحيحة.
- لا تقم بإضافة أي معدة كهربية بديلة بالنظام الكهربي للسيارة. قد يمنع هذا سيارتك من إرسال إشارة لبدء مكالمة طوارئ. لتجنب التداخل الذي قد يتسبب في تعطل نظام مكالمة الطوارئ SOS، لا تقم مطلقًا بإضافة معدة بديلة (على سبيل المثال، الراديو المحمول الثنائي أو راديو CB أو جهاز تسجيل البيانات أو ما شابه) إلى النظام الكهربي بسيارتك ولا تعدل الهوائيات بالسيارة. إذا فقدت سيارتك طاقة البطارية لأي سبب كان (سواء كان ذلك أثناء وقوع حادث أو بعده)، فلن تعمل ميزات نظام +MTC وتطبيقاته وخدماته إلى جانب أشياء أخرى.
- تقوم وحدة التحكم في تثبيت الركاب (ORC) بإضاءة الضوء التحذيري بشأن الوسادة الهوائية بمجموعة أجهزة القياس في حالة اكتشاف عطل بأي جزء من نظام الوسادة الهوائية. في حالة إضاءة الضوء التحذيري بشأن الوسادة الهوائية، قد لا يعمل نظام الوسادة الهوائية بصورة صحيحة وقد لا يمكن نظام

(تابع)

تحذير!

مكالمة الطوارئ SOS من إرسال إشارة إلى مشغل خدمة الطوارئ. إذا أضاء الضوء التحذيري بشأن الوسادة الهوائية، فاتصل بشبكة الخدمة لفحص نظام الوسائد الهوائية على الفور.

- تجاهل مؤشر LED في زر مكالمة الطوارئ SOS قد يعني عدم حصولك على خدمات مكالمة الطوارئ عند الحاجة إليها. إذا كان مؤشر LED في زر مكالمة الطوارئ SOS مضيئًا باللون الأحمر، فاتصل بشبكة الخدمة لفحص نظام مكالمة الطوارئ على الفور.
- إذا كان أي شخص داخل السيارة في خطر (مثل وجود حريق أو دخان أو ظروف طرق أو أماكن خطرة)، فلا تنتظر الاتصال الصوتي من مشغل خدمة الطوارئ. يجب أن يخرج جميع الركاب من السيارة على الفور وينتقلوا إلى موضع آمن.
- إن عدم الالتزام بتنفيذ الصيانة الدورية والقيام بالفحص الدوري للسيارة قد يتسبب في تلف السيارة أو وقوع حادث أو إصابة.

الأسئلة الشائعة:

ماذا يحدث إذا ضغطت على زر مكالمات الطوارئ SOS عن طريق الخطأ؟

- سيكون أمامك 10 ثوان بعد الضغط على زر مكالمة الطوارئ SOS لإلغاء المكالمة. لإلغاء المكالمة، اضغط على الزر مرة أخرى.

ما نوع المعلومات التي يتم إرسالها عند إجراء مكالمة طوارئ SOS من سيارتي؟

- يتم إرسال معلومات معينة عن السيارة، مثل رقم تعريف السيارة (VIN) إلى جانب آخر موقع GPS معروف. يُرجى الملاحظة أيضًا أنه يمكن لمشغلي خدمة الطوارئ تسجيل المحادثات والأصوات في سيارتك بمجرد أن يتم الاتصال، وذلك باستخدام الخدمة التي وافقت عليها الخاصة بمشاركة هذه المعلومات.

متى يمكنني استخدام زر مكالمة الطوارئ SOS؟

- يمكنك استخدام زر مكالمة الطوارئ لإجراء مكالمة إذا كنت تحتاج أنت أو شخص آخر إلى المساعدة الطارئة **فقط**.

رفع السيارة وتغيير الإطارات

تحذير!

- لا تحاول تغيير الإطار في الجانب القريب من حركة المرور. أوقف سيارتك بعيدًا عن الطريق لكي تتفادى التعرض للدهس عند استعمالك للرافعة أو أثناء تغيير الإطار.
- يعد وجودك أسفل إحدى السيارات المرفوعة بواسطة رافعة شيئًا خطيرًا حقًا. فقد تنزلق السيارة عن الرافعة وتسقط عليك. وقد تسحقك السيارة. لا تدخل أي جزء من جسمك تحت سيارة مرفوعة على رافعة. وإذا كنت مضطرًا للدخول تحت سيارة مرفوعة، فخذ السيارة إلى مركز صيانة لرفعها على رافعة خاصة بذلك.

(تابع)

لاستخدام مكالمة الطوارئ SOS

اضغط أو اضغط مطولاً على زر مكالمة الطوارئ SOS لبضع ثوان. سيومض مؤشر LED الموجود في زر SOS مرة واحدة ثم يظل مضيئًا للإشارة إلى إجراء مكالمة.

ملاحظة:

إذا تم الضغط على زر مكالمة الطوارئ SOS عن طريق الخطأ، فإنه تكون هناك فترة تأخير مدتها 10 ثوان قبل إجراء المكالمة. سيُصدر النظام إنذارًا منطوقًا بأن هناك مكالمة على وشك البدء. لإلغاء اتصال المكالمة، اضغط على زر مكالمة الطوارئ SOS مرة أخرى.

عقب إجراء اتصال بين السيارة وموظف خدمات الطوارئ، سيبث نظام مكالمات الطوارئ SOS معلومات السيارة الهامة التالية إلى الموظف:

- إشارة إلى أن الراكب أجرى مكالمة طوارئ SOS.
- رقم تعريف السيارة (VIN).
- آخر إحداثيات GPS معروفة للسيارة.

ستكون قادرًا بعد ذلك على التحدث إلى مشغل خدمة الطوارئ لتحديد ما إذا كانت هناك مساعدة إضافية مطلوبة.

تكون لمكالمة الطوارئ SOS الأولوية على مصادر الصوت الأخرى، والتي سيتم كتم صوتها. وإذا كان لديك هاتف متصل عبر تقنية ®Bluetooth، فإنه يتم فصله وإعادة توصيله مرة أخرى عند انتهاء مكالمة الطوارئ SOS. ستوجهك المطالبات الصوتية أثناء مكالمة الطوارئ SOS. إذا تم إجراء اتصال بين مشغل خدمة الطوارئ وسيارتك، فقد يسجل مشغلو خدمة الطوارئ المحادثات والأصوات في سيارتك بمجرد أن يتم الاتصال، وذلك باستخدام الخدمة التي وافقت عليها الخاصة بمشاركة هذه المعلومات.

قيود نظام مكالمة الطوارئ SOS

عند تبديل مفتاح التشغيل إلى وضع RUN (الانطلاق)، سيعمل نظام مكالمة الطوارئ كفحص روتيني. أثناء هذا الفحص، سيضيء مؤشر باللون الأحمر لمدة ثلاث ثوان تقريبًا. يجب تمييز تلك الإشارة عن التحذير الخاص بوجود عطل. في حالة وجود عطل، سيظل المؤشر باللون الأحمر مضيئًا. إذا اكتشف نظام مكالمة الطوارئ وجود عطل، فقد يحدث أي مما يلي في حالة اكتشاف العطل:

- سيضيء مؤشر LED الموجود في زر SOS بصورة مستمرة باللون الأحمر.
- يتم تزويد نظام مكالمة الطوارئ ببطارية خاصة به غير قابلة لإعادة الشحن لضمان تشغيله، حتى عند نفاد شحن بطارية السيارة أو فصلها. عند نفاد شحن بطارية النظام، ستعرض شاشة عرض مجموعة أجهزة القياس رسالة خاصة مختلفة عن الرسائل الأخرى التي تشير إلى أنواع أخرى من الأعطال. في هذه الحالة، يعمل النظام إذا تم تزويده بالطاقة من بطارية السيارة فقط.
- ستعرض مجموعة أجهزة القياس رسالة تنبهك بالاتصال بشبكة الخدمة إلى جانب ضوء تحذيري بوجود عطل.

حتى إذا كان نظام مكالمة الطوارئ SOS يعمل بالكامل، فقد تتسبب بعض العوامل الخارجية الخارجة عن السيطرة في منع تشغيل مكالمة الطوارئ SOS أو إيقافها. وتشمل هذه العوامل، على سبيل المثال لا الحصر، العوامل التالية:

- مفتاح التشغيل في وضع OFF (إيقاف التشغيل).
- النظم الكهربية في السيارة ليست سليمة.
- تلف برنامج و/أو جهاز نظام مكالمة الطوارئ SOS أثناء تصادم السيارة.
- وجود مشاكل في الشبكة قد تحد من تشغيل الخدمة أو تعيقها (مثل وجود خطأ من المشغل، أو انشغال الشبكة، أو الطقس السيء، إلخ).

إذا فشل اتصال بطارية السيارة بسبب التصادم أو الحادث، فإنه يمكن أن يدعم النظام مكالمة الطوارئ SOS لفترة محدودة. إذا تم فصل البطارية لصيانتها، فسيتم إيقاف تشغيل النظام. في هذه الحالة، يمكن إجراء مكالمة الطوارئ SOS عند إعادة توصيل البطارية بالنظام الكهربائي للسيارة فقط.

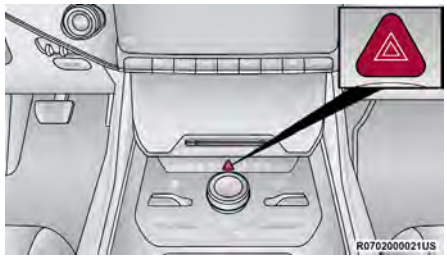
متطلبات النظام

- يجب أن تشتمل السيارة على اتصال شبكة 4G صالح للعمل.
- يجب تزويد السيارة بالطاقة من خلال نظام كهربائي يعمل بصورة صحيحة.
- يجب أن يكون مفتاح التشغيل في وضع RUN (الانطلاق) أو في وضع ACC (الملحقات).

في حالات الطوارئ

وامضات التحذير من الخطر

يوجد زر وامضات التحذير من الخطر في الكونسول المركزي أسفل شاشة التحكم في درجة الحرارة مباشرةً.



زر وامضات التحذير من الخطر

اضغط على الزر لتشغيل وامضات التحذير من الخطر. عند تنشيط الزر، ستومض كافة إشارات الانعطاف لتحذير السيارات القادمة من وجود حالة طارئة. اضغط على الزر مرة ثانية لإيقاف تشغيل وامض التحذير من الخطر.

لا تستعمل هذه الإشارة الضوئية أثناء سير السيارة لأنها للتحذير في حالات الخطر. استخدمه فقط عند تعطّل السيارة أو صدور إشارات تحذير الخطر على سلامة سائقي السيارات الأخرين.

إذا كان من الضروري ترك السيارة لطلب المساعدة، فسوف تستمر وامضات التحذير من الخطر بالعمل حتى بعد تحريك مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

ملاحظة:

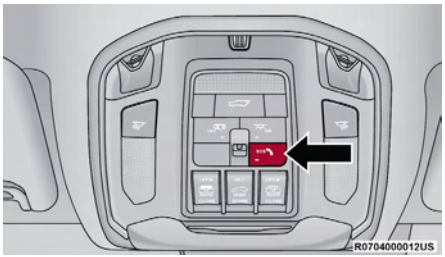
قد يؤدي الاستعمال المطوّل لوامضات التحذير من الخطر إلى نفاد شحن البطارية.

مكالمة الطوارئ SOS — إذا كانت السيارة مزوّدة بذلك

تشتمل سيارتك على ميزة المساعدة المدمجة المصممة لتوفير الدعم في حالة وقوع حادث و/أو حالة طوارئ. ويتم تنشيط هذه الميزة أوتوماتيكيًا من خلال نشر الوسادة الهوائية أو يمكن تنشيطها يدويًا عن طريق الضغط على الزر الموجود على الكونسول العلوي.

ملاحظة:

ستعمل مكالمة الطوارئ مع مشغل شبكة ممكن فقط.



زر مكالمة الطوارئ SOS

يقوم نظام مكالمة الطوارئ SOS بإعادة توجيه المكالمة إلى خدمات الطوارئ بصورة أوتوماتيكية في حالة وقوع حادث مع نشر الوسادة الهوائية، شريطة أن يكون جهاز التشغيل في وضع RUN (الانطلاق) وأن تكون الوسائد الهوائية عاملة. يؤدي الضغط على زر SOS الموجود على الكونسول العلوي إلى إضاءة الضوء الموجود في الزر. عند إجراء اتصال بين السيارة ومشغل السلامة العامة، ستقوم السيارة بنقل الموقع ومعلومات السيارة بصورة أوتوماتيكية إلى مشغل خدمة الطوارئ.

يمكن لمشغل السلامة العامة فقط إنهاء مكالمة الطوارئ SOS عن بُعد، والاتصال بالسيارة مرة أخرى من خلال نظام مكالمة الطوارئ عند الحاجة. بمجرد انتهاء المكالمة، يظل بإمكانك الاتصال بمشغل خدمة الطوارئ لتحديد معلومات إضافية عن طريق الضغط على الزر مرة أخرى.

غاز العادم

تحذير!

إن غازات العادم يمكن أن تسبب الأذى أو الوفاة. فهي تحتوي على أول أكسيد الكربون (CO) وهو عديم اللون والرائحة. وقد يتسبب في فقدان الوعي والتسمم إذا استنشقته. ولتجنب استنشاق غاز أول أكسيد الكربون اتبع نصائح السلامة التالية:

- امتنع عن تشغيل المحرك في مرآب (كراج) مغلق أو أماكن مغلقة لمدة تزيد عما هو ضروري لإدخال أو إخراج سيارتك.
- إذا استدعت الضرورة قيادة السيارة وصندوق الأمتعة/باب المؤخرة/الأبواب الخلفية مفتوحة، فإنه يجب التأكد من أن جميع النوافذ مغلقة وأنه قد تم ضبط مفتاح مروحة التحكم في درجة الحرارة على سرعة عالية. ولا تستخدم وضع إعادة تدوير الهواء.
- إذا اضطررت إلى البقاء في سيارة متوقفة مع دوران المحرك تحكم بضوابط التدفئة أو التبريد لإدخال الهواء من الخارج إلى السيارة. وضع ضابط المروحة على سرعة عالية.

تعد أفضل وسيلة لحماية السيارة من تسرب غاز أول أكسيد الكربون إلى داخلها هو نظام عادم المحرك.

فعند ملاحظة أي تغيير في صوت نظام العادم، أو عند الإحساس بتسرب أدخنة العادم داخل السيارة، أو عند تعرض الجزء الخلفي أو مؤخرة السيارة للتلف، فاطلب من الوكيل المعتمد فحص نظام العادم بالكامل والأجزاء الملاصقة له من البدن فقد تكون بعض الأجزاء تعرضت للكسر أو التلف أو تم تركيبها في غير مواضعها. الشقوق أو التوصيلات غير المحكمة الغلق والتي قد تسمح لأدخنة العادم بالتسلل إلى داخل مقصورة الركاب. وبالإضافة إلى ذلك، افحص نظام العادم في كل مرة يتم فيها رفع السيارة بغرض التشحيم أو تغيير الزيت. استبدل نظام العادم إذا تطلب الأمر.

تحذيرات أول أكسيد الكربون

تحذير!

يعتبر غاز أول أكسيد الكربون CO الموجود في غازات العادم مميتًا. اتبع الاحتياطات الموفرة لمنع التسمم بأول أكسيد الكربون:

- لا تقم باستنشاق غازات العادم. حيث تحتوي على أول أكسيد الكربون وهو غاز ليس له لون أو رائحة ويمكن أن يتسبب في الوفاة. لا تقم على الإطلاق بتشغيل المحرك في منطقة مغلقة مثل الكراج، ولا تجلس مطلقا داخل سيارة متوقفة مع تشغيل المحرك لفترة زمنية طويلة. في حالة إيقاف السيارة في منطقة مفتوحة مع تشغيل المحرك لفترة طويلة، قم بضبط نظام التهوية لإدخال الهواء الجديد الخارجي داخل السيارة.
- قم بصيانة السيارة بشكل صحيح للوقاية من غاز أول أكسيد الكربون. قم بفحص نظام العادم في كل مرة يتم فيها رفع السيارة. قم بإصلاح أي خلل على الفور. وإلى أن يتم إصلاح الخلل، قم بالقيادة مع فتح جميع النوافذ الجانبية بالكامل.

تحذير!

- لا تركب إلا سجادة الأرضية المصممة لملاءمة سيارتك. لا تركب مطلقًا سجادة الأرضية التي لا يمكن ربطها وتثبيتها بشكل ملائم في سيارتك. إذا كانت سجادة الأرضية بحاجة للاستبدال، فلا تستخدم إلا سجادة الأرضية المُعتمدة من FCA لماركة السيارة وطرازها وعام إنتاجها.
- لا تستخدم إلا سجادة الأرضية المخصصة لجانب السائق إلا مع منطقة أرضية جانب السائق. للتحقق من عدم وجود معاوقة، حينما تكون السيارة متوقفة بشكل صحيح أثناء توقف المحرك، اضغط بالكامل على دواسة الوقود ودواسة الفرامل ودواسة القابض (إذا كانت موجودة) للتحقق من عدم وجود معاوقة. إذا كانت سجادة الأرضية لديك تعوق عمل أي من الدواسات أو إذا لم تكن مثبّتة جيدًا بالأرضية، فأزل سجادة الأرضية من السيارة وضعها في صندوق السيارة.
- لا تستخدم سجادة الأرضية المخصصة لجانب الراكب إلا مع منطقة أرضية جانب الراكب.
- تأكد دائمًا من عدم سقوط أشياء أو انزلاقها داخل منطقة أرضية جانب السائق أثناء تحرك السيارة. فقد تنحشر هذه الأشياء تحت دواسة الوقود أو دواسة الفرامل أو دواسة القابض مما يتسبب في فقدان التحكم في السيارة.
- لا تضع أي أشياء أسفل سجادة الأرضية (مثل المناشف، المفاتيح، إلخ). حيث إن هذه الأشياء قد تغير موضع سجادة الأرضية، وقد يؤدي هذا إلى حدوث معاوقة مع دواسة الوقود أو دواسة الفرامل أو دواسة القابض.

(تابع)

تحذير!

- إذا تمت إزالة سجادة السيارة ثم إعادة تثبيتها، فتأكد دائمًا من ربط السجاد بالأرضية والتحقق من أن مثبتات سجادة الأرضية مثبّتة بسجادة السيارة بشكل صحيح. اضغط بالكامل على كل دواسة للتحقق من عدم وجود معاوقة مع دواسة الوقود أو دواسة الفرامل أو دواسة القابض ثم أعد تثبيت سجادة الأرضية.
- يُنصح باستخدام صابون متعادل وماء فقط لتنظيف سجاد الأرضية. بعد التنظيف، تأكد دائمًا من أن سجادة الأرضية قد تم تركيبها بشكل جيد وأنها مثبّتة في السيارة باستخدام مثبتات سجادة الأرضية عن طريق سحب السجادة بلطف.

فحوصات السلامة الدورية التي يجب إجراؤها خارج السيارة

الإطارات

افحص الإطارات لمعرفة ما إذا كان هناك أي تآكل زائد عن الحد في المداسات أو تآكل غير منتظم. تأكد من عدم وجود الحصى والمسامير والزجاج أو أي شيء آخر داخل المداس أو الجدار الجانبي. افحص المداس بحثًا عن قطوع وتشققات. افحص الجدران الجانبية بحثًا عن قطوع وتشققات ونتوءات. تحقق من إحكام ربط مسامير/صواميل العجلة. افحص الإطارات (بما في ذلك الإطار الاحتياطي) للتأكد من صحة ضغط الهواء البارد.

المصابيح

اطلب من أحد الأشخاص ملاحظة مصابيح الفرامل والمصابيح الخارجية عندما تقوم بتشغيل مفاتيحها. افحص إشارات الانعطاف ومؤشر الضوء العالي على لوحة أجهزة القياس (العدادات).

مزاليج الباب

تأكد من صحة الإغلاق وآلية القفل والقفل.

تسرب السوائل

افحص المنطقة أسفل السيارة عند إيقافها لمدة طويلة وتأكد من عدم وجود أي وقود أو سائل تبريد أو زيت أو أي سوائل متسربة. وإذا لاحظت أيضًا وجود أدخنة بنزين أو كنت تشك في تسرب الوقود أو سائل الفرامل، فيجب التحري عن السبب وإصلاح الخلل فورًا.

نقل الحيوانات الأليفة

يمكن أن تسبب الوسائد الهوائية المنتفخة في المقعد الأمامي أذى للحيوانات الأليفة. وقد يقذف الحيوان غير المقيد وقد يصاب بضرر أو يسبب الضرر للركاب أثناء التوقف المفاجئ أو في حالات الاصطدام.

لذلك يجب تثبيت الحيوانات الأليفة في المقعد الخلفي (إذا كانت السيارة مزودة بذلك) باستخدام أحزمة التثبيت أو الحاملات الخاصة بالحيوانات الأليفة التي يتم ربطها بأحزمة الأمان.

السيارات المتصلة

لا يمكن ضمان خصوصية أي اتصالات سلكية ولاسلكية. يمكن لأطراف خارجية اعتراض المعلومات والاتصالات الخاصة على نحو مخالف للقانون من دون موافقتك ⇦ صفحة ١٢٣.

تحذير!

من غير الممكن معرفة جميع النتائج الممكنة أو التنبؤ بها إذا تم اختراق أنظمة السيارة. من الممكن أن يضعف أداء أنظمة السيارة، بما في ذلك الأنظمة المتعلقة بالأمان، أو قد يحدث فقد في التحكم في السيارة الأمر الذي يؤدي إلى وقوع حوادث تتضمن إصابة بالغة أو الوفاة.

فحوص السلامة التي يجب إجراؤها داخل السيارة

أحزمة الأمان

افحص نظام أحزمة المقاعد بصورة دورية للتأكد من عدم وجود أجزاء مقطوعة أو ممزقة أو مرتخية. ويجب استبدال الأجزاء التالفة فورًا. لا تحاول فك الحزام أو إدخال التعديلات عليه.

إذا تعرضت سيارتك لحادث تصادم أو إذا كانت لديك أي أسئلة تتعلق بحزام الأمان أو ظروف آلية السحب، فتوجه بسيارتك إلى وكيل FCA معتمد لفحصها.

ضوء تحذيري بشأن الوسادة الهوائية

سيضيء ضوء تحذيري بشأن الوسادة الهوائية لمدة تتراوح ما بين أربع إلى ثماني ثوان كنوع من الفحص بالمصباح عند وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) لأول مرة. إذا لم يضئ هذا الضوء عند بدء التشغيل أو إذا استمر في الإضاءة أو إذا ظهر أثناء القيادة، فيجب فحص النظام لدى الوكيل المعتمد في أقرب وقت ممكن. بعد الفحص بالمصباح، سيضيء هذا المصباح مع صدور صافرة واحدة عند اكتشاف عطل بنظام الوسائد الهوائية. وسيظل مضاءً حتى يتم إصلاح العطل. في حالة إضاءة الضوء بشكل متقطع أو بقاؤه مضاءً أثناء القيادة، اطلب من وكيل معتمد صيانة السيارة على الفور ⇦ صفحة ٢٧٧.

مزيل الصقيع

افحص عمل النظام بتشغيل زر إزالة الصقيع ووضع المروحة على سرعة عالية. ويجب أن تشعر بالهواء الذي يتجه نحو الزجاج الأمامي. في حال وجود عُطل في مزيل الصقيع، راجع الوكيل المعتمد لصيانته.

معلومات الأمان الخاصة بسجادات أرضية السيارة

لا تركب إلا سجادة الأرضية المصممة لملاءمة سيارتك دائمًا. لا تستخدم إلا سجادة أرضية لا تؤثر على تشغيل دواسة الوقود أو دواسة الفرامل أو دواسة القابض. لا تستخدم إلا سجادة أرضية يمكن تثبيتها بإحكام تام باستخدام مثبتات سجادة الأرضية بحيث لا تنزلق عن موضعها وتتداخل مع دواسة الوقود أو دواسة الفرامل أو دواسة القابض أو تعيق التشغيل الآمن للسيارة بطرق أخرى.

تحذير!

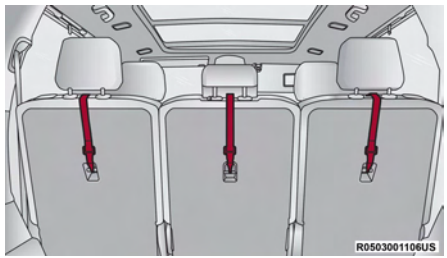
في حالة عدم تثبيت سجادة الأرضية أو تلفها أو طيها أو تكديسها أو تلف مثبتات سجادة الأرضية، قد تتداخل سجادة الأرضية مع دواسة الوقود أو دواسة الفرامل أو دواسة القابض مما يتسبب في فقدان التحكم في السيارة. لمنع حدوث الإصابات الخطيرة أو الوفاة:

- تأكد دائمًا من تثبيت سجادة الأرضية لديك باستخدام مثبتات سجادة الأرضية. لا تركب سجادة الأرضية مقلوبة ولا تطوها. اسحب بلطف لتأكيد إحكام تثبيت السجادة باستخدام مثبتات سجادة الأرضية بانتظام.

- احرص دائمًا على إزالة سجادة الأرضية الموجودة من السيارة قبل تركيب أية سجادة أرضية أخرى. لا تقم مطلقًا بتركيب أو رصّ سجادة أرضية إضافية فوق سجادة أرضية موجودة.

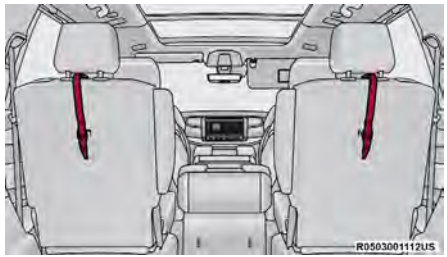
(تابع)

2. وجّه شريط التطويل لتقديم المسار المباشر جدًا للشريط بين المثبت ومقعد الطفل. إذا كانت السيارة مزودة بمساند رأس خلفية قابلة للضبط، فارفع مسند الرأس وقم بتمرير شريط التطويل تحته وبين القائمين إن أمكن ذلك. وإذا لم يكن ذلك ممكنًا، فاخفض مسند الرأس ثم لف شريط التطويل حول الجانب الخارجي من مسند الرأس.
3. أدخل خطاف شريط التطويل لنظام تثبيت الأطفال في مثبت شريط التطويل العلوي كما هو موضح بالرسم.

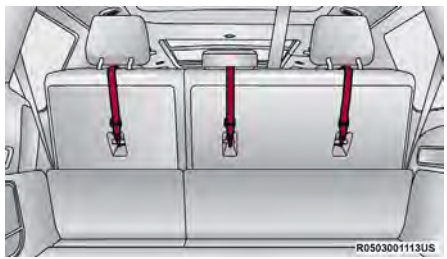


تركيب شريط التطويل العلوي في المقعد الطويل في الصف الثاني (ثمانية مقاعد للركاب)

4. تخلص من الارتخاء بشريط التطويل وفقًا لتوجيهات الشركة المصنعة لنظام تثبيت الطفل.



تركيب شريط التطويل العلوي لمقعد القائد في الصف الثاني (سبعة مقاعد للركاب)



تركيب شريط التطويل العلوي في مقاعد الصف الثالث

تحذير!

- الشريط المطوّل الذي لا يتم تثبيته بصورة صحيحة يمكن أن يزيد حركة رأس الطفل وإصابته. استخدم فقط الأوضاع المعينة لمثبت مقعد الطفل الموجودة مباشرة خلف مقعد الطفل لإحكام تثبيت شريط التطويل العلوي.
- إذا كانت السيارة مزودة بمقعد خلفي مقسّم، فتأكد من عدم انزلاق شريط التطويل إلى الفتحة الموجودة بين ظهور المقاعد وقم بإزالة أي ارتخاء بالشريط.

نصائح السلامة

نقل الركاب

لا تقم بنقل الركاب مطلقًا في منطقة الحمولة.

تحذير!

- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي ارتفاع درجة الحرارة الداخلية إلى حدوث إصابات خطيرة أو الوفاة.
- يعتبر الجلوس في منطقة الحمولة في الداخل أو الخارج عند سير السيارة خطيرًا جدًا. ففي حالات الاصطدام من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابات خطيرة أو مميتة.
- لا تسمح لأي شخص بالجلوس في أماكن لا تحتوي على أحزمة أمان أو مقاعد.
- تأكد من جلوس جميع الركاب في المقاعد واستعمالهم لأحزمة الأمان بصورة صحيحة.

تركيب نظام تثبيت الأطفال المزود بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل:

لقد تم تصميم أنظمة تثبيت الأطفال ليتم إحكام تثبيتها في مقاعد السيارة بواسطة أحزمة الحوض أو جزء حزام الحوض في حزام الحوض/الكتف.

تحذير!

- قد يؤدي التركيب غير الصحيح أو عدم إحكام تثبيت نظام تثبيت الأطفال بطريقة صحيحة إلى تعطل نظام التثبيت. وقد يصاب الطفل بإصابات جسيمة أو مميتة.
- اتبع تعليمات الجهة المُصنِّعة لنظام تثبيت الأطفال بدقة عند تركيب نظام تثبيت الرضع أو الأطفال.

1. ضع مقعد الطفل في موضع الجلوس الأوسط. وإذا كان بالإمكان إمالة مقعد الصف الثاني، يمكنك إمالة المقعد و/أو رفع مسند الرأس (إذا كان قابلاً للضبط) للحصول على وضعية أكثر ملاءمة. إذا كان من الممكن تحريك المقعد الخلفي للأمام وللخلف في السيارة، فقد ترغب في تحريكه لأقصى وضع للخلف لترك مساحة لمقعد الطفل. كما يمكنك تحريك المقعد الأمامي إلى الأمام لتوفير مساحة أكبر لمقعد الطفل.
2. اسحب سير حزام الأمان من آلية السحب لتمريره خلال مسار نظام تثبيت الأطفال. لا تقم بلف سير الحزام في مسار الحزام.
3. أزح لوح المزلاج داخل حلقة التثبيت حتى تسمع صوت "طقطقة".
4. اسحب السير لإحكام شد جزء الحوض حول مقعد الطفل.
5. لقفل حزام الأمان، اسحب جزء حزام الكتف حتى تقوم بسحب سير حزام الأمان كله خارج آلية السحب. ثم، اترك سير الحزام ينضم مرة أخرى داخل آلية السحب. أثناء انسحاب الحزام، ستسمع صوت قرقعة. وهذا يعني أن حزام الأمان قد أصبح في وضع القفل الأوتوماتيكي.
6. جرب سحب سير الحزام خارج آلية السحب. إذا كانت مقفلة، فلن تكون قادرًا على سحب أي جزء من السير. إما إذا كانت آلية السحب غير مقفلة، فكرر الخطوة 5.
7. وأخيرًا، قم بسحب أي جزء زائد من السير لإحكام ربط جزء الحوض حول نظام تثبيت الأطفال أثناء دفع نظام تثبيت الطفل نحو الخلف وللأسفل في مقعد السيارة.
8. إذا كان نظام تثبيت الأطفال يحتوي على شريط تطويل علوي وموضع الجلوس يحتوي على مثبت شريط تطويل علوي، فقم بتوصيل شريط التطويل بالمثبت وأحكم ربط شريط التطويل. راجع ⇦ صفحة ٣٠٧ للتعرف على توجيهات تركيب مثبت شريط التطويل.
9. قم باختبار أنه تم تركيب نظام تثبيت الأطفال بشكل محكم عن طريق جذبه للخلف وللأمام بمقعد الطفل في مسار الحزام. حيث ينبغي ألا يتحرك لأكثر من 25.4 مم (1 بوصة) في أي اتجاه.

ترتخي جميع أنظمة أحزمة المقاعد بمرور الوقت ولذلك قم بفحص الحزام من فترة إلى أخرى وقم بشده إذا دعت الحاجة.

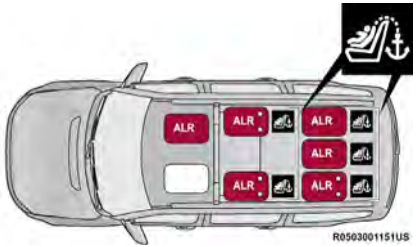
تركيب أنظمة تثبيت الأطفال باستخدام مثبتات أشرطة التطويل العلوية

تحذير!

لا تصل شريط تطويل خاص بمقعد السيارة المتجه للخلف بأي موقع في المقعد الأمامي من السيارة، بما في ذلك إطار المقعد أو مثبت شريط التطويل. قم فقط بتوصيل شريط التطويل الخاص بمقعد السيارة المتجه للخلف بمثبت شريط التطويل المعتمد لموضع الجلوس هذا، والموجود خلف الجزء العلوي من مقعد السيارة. راجع ⇦ صفحة ٣٠١ لتحديد موقع مثبتات شريط التطويل في سيارتك.

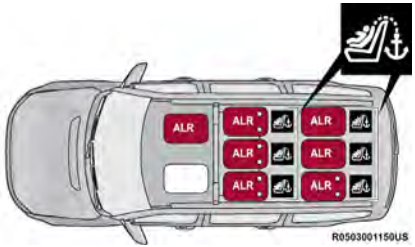
1. انظر خلف موضع الجلوس حيث تنوي تركيب نظام تثبيت الأطفال لتعثر على مثبت شريط التطويل. إذا كان يمكن تحريك المقعد، فقد تحتاج إلى تحريك المقعد للأمام لتوفير الوصول إلى مثبت شريط التطويل بصورة أفضل. في حالة عدم وجود مثبت شريط تطويل علوي لموضع الجلوس هذا، انقل نظام تثبيت الأطفال إلى موضع آخر بالسيارة في حالة وجود موضع آخر متاحًا.

أنظمة حزام الكتف/الحوض لتركيب أنظمة تثبيت الأطفال في هذه السيارة



أماكن آلية سحب القفل الأوتوماتيكي (ALR) لسبعة ركاب (الصف الثاني لمقاعد القائد)

ALR - آلية سحب القفل الأوتوماتيكي القابلة للتحويل
رمز مثبت شريط التطويل العلوي



أماكن آلية سحب القفل الأوتوماتيكي (ALR) لثمانية ركاب (المقعد الطويل في الصف الثاني)

ALR - آلية سحب القفل الأوتوماتيكي القابلة للتحويل
رمز مثبت شريط التطويل العلوي

الأسئلة الشائعة حول تركيب أنظمة تثبيت الأطفال باستخدام أحزمة الأمان		
ما حد الوزن (وزن الطفل + وزن نظام تثبيت الأطفال) لاستخدام مثبت شريط التطويل مع حزام الأمان لتركيب نظام تثبيت الأطفال المتجه للأمام؟	حد الوزن لنظام تثبيت الأطفال	استخدم دومًا مثبت شريط التطويل عند استخدام حزام الأمان لتركيب نظام تثبيت الأطفال المتجه للأمام، حتى يصل إلى حد الوزن المُوصى به لنظام تثبيت الأطفال.
هل يمكن أن يتلامس نظام تثبيت الأطفال المتجه نحو الخلف مع ظهر مقعد الراكب الأمامي؟	نعم	يُسمح بالتلامس بين مقعد الراكب الأمامي ونظام تثبيت الأطفال، إذا كانت الجهة المُصنِّعة لنظام تثبيت الأطفال تسمح بمثل هذا التلامس.
هل يمكن إزالة مساند الرأس الخلفية؟	No (لا)	
هل يمكن لف عمود الإبزيم لإحكام حزام الأمان في مقابلة مسار الحزام لنظام تثبيت الأطفال؟	No (لا)	لا تقم بلف عمود الإبزيم في موضع الجلوس مع استخدام آلية سحب القفل الأوتوماتيكي (ALR).

4. إذا كان نظام تثبيت الأطفال يحتوي على شريط تطويل، فقم بتوصيل شريط التطويل العلوي بالمثبت. راجع ⇦ صفحة ٣٠٧ للتعرف على توجيهات تركيب مثبت شريط التطويل.
5. قم بشد هذه الأشرطة كلها أثناء دفع نظام تثبيت الطفل نحو الخلف وللأسفل في المقعد. تخلص من الارتخاء في الأشرطة وفقًا لتعليمات الجهة المُصنِّعة لنظام تثبيت الأطفال.
6. قم باختبار أنه تم تركيب نظام تثبيت الأطفال بشكل محكم عن طريق جذبه للخلف وللأمام بمقعد الطفل في مسار الحزام. حيث ينبغي ألا يتحرك لأكثر من 25.4 مم (1 بوصة) في أي اتجاه.

كيفية تخزين حزام الأمان غير المستخدم المزود بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتبديل:

عند استخدام نظام التثبيت LATCH لتركيب نظام تثبيت الأطفال، قم بتخزين أحزمة الأمان المزودة بآلية سحب القفل الأوتوماتيكي (ALR) بالكامل والتي لم يقم أحد الركاب باستخدامها أو يتم استخدامها لتأمين نظام تثبيت الأطفال. يمكن أن يتسبب الحزام غير المستخدم في إصابة الأطفال إذا قاموا باللعب به وتم قفل آلية سحب حزام الأمان دون قصد. قبل تركيب نظام تثبيت الأطفال باستخدام نظام LATCH، قم بربط إبزيم حزام الأمان خلف نظام تثبيت الأطفال وبعيدًا عن متناول الأطفال. إذا تداخل حزام الأمان المربوط مع تركيب نظام تثبيت الأطفال، فبدلًا من إدخال حزام الأمان خلف نظام تثبيت الأطفال، قم بتمرير حزام الأمان من خلال ممر حزام نظام تثبيت الأطفال ثم اربطه. لا تقم بقفل حزام الأمان. قم بتذكير جميع الأطفال المتواجدين في السيارة أن أحزمة المقاعد ليست لعبة وأنهم يجب عليهم عدم اللعب بها.

تحذير!

- قد يؤدي سوء تركيب نظام تثبيت الطفل بنظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) إلى عدم تثبيت نظام التثبيت بصورة صحيحة. وقد يصاب الطفل بإصابات جسيمة أو مميتة. اتبع تعليمات الجهة المُصنِّعة لنظام تثبيت الأطفال بدقة عند تركيب نظام تثبيت الرضع أو الأطفال.
- لقد تم تصميم مثبتات نظام تثبيت الأطفال بحيث تتحمل الأحمال الخاصة بأنظمة تثبيت الأطفال المركبة بشكل صحيح فقط. ولا يجب تحت أي ظرف استخدامها مع أحزمة أو أجهزة الركاب البالغين أو لتثبيت عناصر أو معدات أخرى بالسيارة.

تركيب أنظمة تثبيت الأطفال باستخدام حزام أمان مقعد السيارة

لقد تم تصميم أنظمة تثبيت الأطفال ليتم إحكام تثبيتها في مقاعد السيارة بواسطة أحزمة الحوض أو جزء حزام الحوض في حزام الحوض/الكتف.

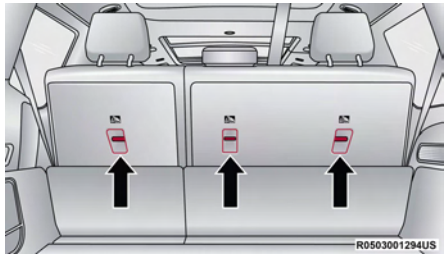
تحذير!

- قد يؤدي التركيب غير الصحيح أو عدم إحكام تثبيت نظام تثبيت الأطفال بطريقة صحيحة إلى تعطل نظام التثبيت. وقد يصاب الطفل بإصابات جسيمة أو مميتة.
- اتبع تعليمات الجهة المُصنِّعة لنظام تثبيت الأطفال بدقة عند تركيب نظام تثبيت الرضع أو الأطفال.

تم تزويد أحزمة الأمان في مواضع جلوس الراكب بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل والمصممة للحفاظ على جزء الحوض من حزام الأمان مشدودًا حول نظام تثبيت الطفل بحيث يمكن الاستغناء عن استعمال مشبك قفل. يمكن "تحويل" آلية سحب القفل الأوتوماتيكي (ALR) إلى وضع القفل عن طريق سحب سير الحزام بالكامل خارج آلية السحب، ثم تركه يعود مرة أخرى إلى داخل آلية السحب. إذا كانت مقفلة، فسوف تصدر آلية سحب القفل الأوتوماتيكي (ALR) صوت طقطقة عندما يتم سحب سير الحزام مرة أخرى داخل آلية السحب ⇦ صفحة ٢٨٤.

يُرجى مراجعة الجدول الموضح والأقسام الآتية لمزيد من المعلومات.

سيارات السبعة والثمانية ركاب: مواقع مثبتات شريط التطويل العلوي في الصف الثالث



مثبتات الشرائط (المقعد الطويل في الصف الثالث)

ستكون أنظمة تثبيت الأطفال المتوافقة مع نظام LATCH مزودة بقضيب صلب أو شريط مرن في كل جانب. كل منهما يحتوي على خطاف أو موصل لتركيب المثبت السفلي وليكون طريقة لإحكام التوصيل بالمثبت. وستكون أيضًا أنظمة تثبيت الأطفال المتجهة للأمام وبعض أنظمة تثبيت الأطفال المتجهة للخلف مزودة بشريط تطويل. سيحتوي شريط التطويل على خطاف في طرفه ليتم تركيبه بمثبت شريط التطويل العلوي وليكون طريقة لإحكام ربط الشريط بعد تركيبه بالمثبت.

نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) للمقعد الأوسط

مقاعد الصف الثالث لسبعة ركاب وثمانية ركاب:

تحذير!

- لا تقم بتركيب نظام تثبيت الأطفال في الموضع الأوسط باستخدام نظام LATCH. هذا الوضع غير معتمد لتركيب مقاعد الأطفال باستخدام مثبتات LATCH. ينبغي عليك استخدم حزام الأمان ومثبت شريط التطويل لتركيب مقعد الطفل في موضع الجلوس الأوسط.
- لا تستخدم نفس المثبت السفلي لتثبيت أكثر من نظام تثبيت أطفال واحد. راجع ⇦ صفحة ٣٠٤ للحصول على إرشادات التثبيت النموذجية.

مقاعد الصف الثاني لثمانية ركاب:

إذا كان نظام تثبيت الأطفال المثبت في الموضع الأوسط يحجب سير حزام الأمان أو الإبزيم الخاص بالموضع الطرفي، فلا تستخدم هذا الموضع الطرفي. إذا كان مقعد الطفل في الموضع الأوسط يحجب مثبتات نظام LATCH الطرفية أو حزام الأمان، فلا تقم بتركيب مقعد الطفل في هذا الموضع الطرفي.

تحذير!

لا تستخدم نفس المثبت السفلي لتثبيت أكثر من نظام تثبيت أطفال واحد. للحصول على تعليمات التركيب التقليدية، راجع ⇦ صفحة ٣٠٤.

اتبع دومًا تعليمات الجهة المُصنِّعة لنظام تثبيت الأطفال عند تركيبه. ولا تنطبق تعليمات التركيب الواردة هنا على جميع أنظمة تثبيت الأطفال.

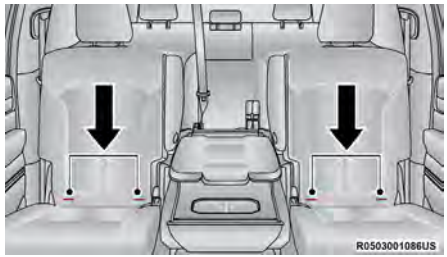
لتركيب نظام تثبيت الأطفال المتوافق مع نظام LATCH

إذا كان موضع الجلوس المحدد به حزام أمان مزود بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل، فخزن حزام الأمان واتبع الإرشادات الآتية المعطاة. راجع ⇦ صفحة ٣٠٦ للتحقق من نوع حزام الأمان المتوفر في كل موضع جلوس.

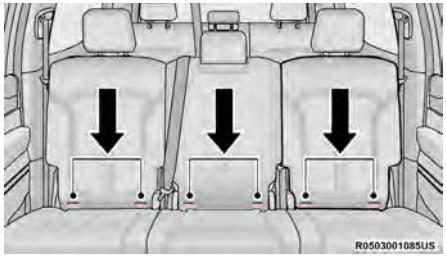
1. قم بإرخاء وصلة ضبط مقعد الطفل الموجودة على الأشرطة السفلية وعلى شريط التطويل كي تسهّل ربط الخطاطيف أو الموصلات بمثبتات السيارة.
2. ضع مقعد الطفل بين المثبتات السفلية لموضع الجلوس هذا. بالنسبة إلى مقاعد الصف الثاني والمقعد الخارجي الأيسر بالصف الثالث، حرّك ظهر المقعد للخلف إلى وضع القفل الرابع من الوضع القائم الكامل لتثبيت المقعد بمثبتات نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) السفلية.
3. قم بربط الخطاطيف السفلية أو الموصلات لنظام تثبيت الأطفال بالمثبتات السفلية في موضع الجلوس المحدد. اضبط ظهر المقعد للأمام إلى أقصى وضع قفل رأسي. إذا كان يمكن تحريك المقعد الخلفي للأمام وللخلف، فقد ترغب في تحريكه لأقصى وضع للخلف لترك مساحة لمقعد الطفل. كما يمكنك تحريك المقعد الأمامي إلى الأمام لتوفير مساحة أكبر لمقعد الطفل.

تحديد مكان مثبتات نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH)

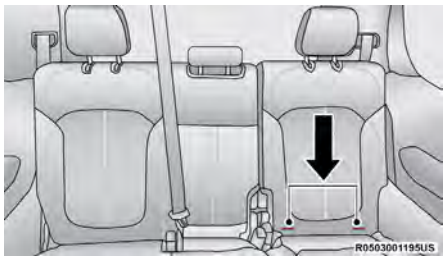
تكون المثبتات السفلية عبارة عن قضبان دائرية توجد بالجزء الخلفي من وسادة المقعد حيث تلتقي مع ظهر المقعد، وهي موجودة أسفل رموز المثبتات بظهر المقعد. وتكون مرئية فقط عندما تميل على المقعد الخلفي لتركيب نظام تثبيت الأطفال. وسوف تشعر بها بسهولة عند تحريك إصبعك بطول الفجوة بين سطحي ظهر المقعد ووسادته.



أوضاع نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) في الصف الثاني (سبعة ركاب)



أوضاع نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) في الصف الثاني (ثمانية ركاب)

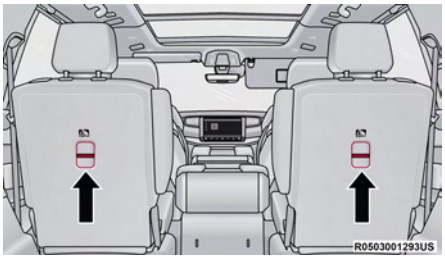


أوضاع نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) في الصف الثالث (سبعة وثمانية ركاب)

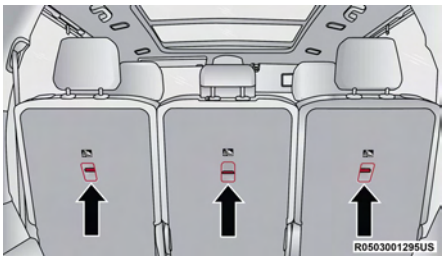
تحديد موقع مثبتات شريط التطويل العلوي

هناك مثبتات أشرطة تطويل خلف كل موضع جلوس خلفي موجود في ظهر المقعد.

سيارات السبعة والثمانية ركاب: مواقع مثبتات شريط التطويل العلوي في الصف الثاني



مثبتات شريط التطويل العلوي لسبعة ركاب (مقاعد القائد)



تركيب شريط التطويل العلوي لثمانية ركاب (المقعد الطويل في الصف الثاني)

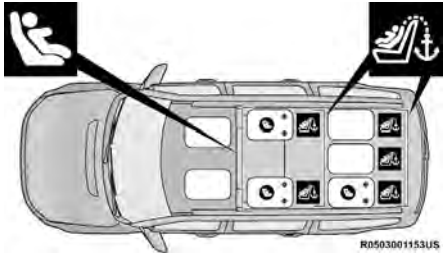
الأسئلة المتداولة حول تركيب أنظمة تثبيت الأطفال بواسطة نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH)		
ما حد الوزن (وزن الطفل + وزن نظام تثبيت الأطفال) لاستخدام نظام مثبتات LATCH لتركيب نظام تثبيت الأطفال؟	29.5 كجم (65 رطلاً)	استخدم نظام مثبتات LATCH عندما يكون مجموع وزن الطفل ونظام تثبيت الأطفال 29.5 كجم (65 رطلاً). استخدم حزام الأمان ومثبت شريط التطويل بدلاً من نظام LATCH بمجرد أن يكون مجموع الوزن أكثر من 29.5 كجم (65 رطلاً).
هل يمكن استخدام مثبتات LATCH وحزام الأمان معًا لتركيب نظام تثبيت الأطفال المتجه نحو الخلف أو المتجه نحو الأمام؟	No (لا)	لا تقم باستخدام حزام الأمان عند استخدام نظام مثبتات LATCH لتركيب نظام تثبيت الأطفال المتجه نحو الخلف أو المتجه نحو الأمام. يمكن تركيب مقاعد الرفع بنظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) إذا كان مسموحًا به بواسطة الجهة المُصنِّعة لمقعد الرفع. انظر دليل مالك مقعد الرفع للحصول على مزيد من المعلومات.
هل يمكن تركيب نظامين من أنظمة تثبيت الأطفال باستخدام مثبت LATCH السفلي المشترك؟	No (لا)	لا تقم مطلقًا "بمشاركة" استخدام مثبت LATCH لاثنين أو أكثر من أنظمة تثبيت الأطفال. إذا لم يحتوي الموضع الأوسط على مثبتات LATCH السفلية المخصصة، فاستخدم حزام الأمان لتثبيت مقعد الطفل في الموضع الأوسط بجوار مقعد الطفل باستخدام مثبتات LATCH في الموضع الخارجي.
هل يمكن أن يتلامس نظام تثبيت الأطفال المتجه نحو الخلف مع ظهر مقعد الراكب الأمامي؟	نعم	قد يتلامس مقعد الطفل مع ظهر مقعد الراكب الأمامي إذا كانت الجهة المُصنِّعة لنظام تثبيت الأطفال تسمح بمثل هذا التلامس. راجع دليل مالك نظام تثبيت الأطفال للتعرف على مزيد من المعلومات.
هل يمكن إزالة مساند الرأس الخلفية؟	No (لا)	

نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH)

ملصق نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH)

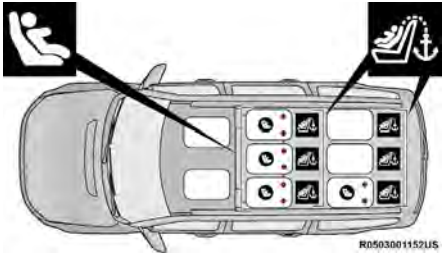
إن سيارتك مزودة بنظام المثبتات السفلية وشريط التطويل للأطفال لنظام تثبيت الأطفال يدعى LATCH. يضم نظام LATCH ثلاث نقاط تثبيت بالسيارة من أجل تركيب مقاعد الأطفال المزودة بنظام LATCH. يوجد مثبتان سفليان في ظهر وسادة المقعد حيث تلتقي الوسادة بظهر المقعد ويوجد مثبت شريط التطويل العلوي خلف موضع الجلوس. تستخدم هذه المثبتات لتركيب مقاعد الأطفال المزودة بنظام LATCH من دون استخدام أحزمة أمان السيارة. قد تحتوي بعض مواضع الجلوس على مثبت شريط تطويل علوي ولا تحتوي على مثبتات سفلية. في مثل مواضع الجلوس تلك، يجب استخدام حزام الأمان مع مثبت شريط التطويل لتركيب نظام تثبيت الأطفال. يُرجى مراجعة الجدول التالي للتعرف على مزيد من المعلومات.

مواضع نظام LATCH لتركيب أنظمة تثبيت الأطفال في هذه السيارة



أوضاع نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) لسبعة ركاب (الصف الثاني لمقاعد القائد)

رمز المثبتات السفلية (مُثبتان لكل موضع جلوس)
رمز مثبت شريط التطويل العلوي



أوضاع نظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) لثمانية ركاب (المقعد الطويل في الصف الثاني)

رمز المثبتات السفلية (مُثبتان لكل موضع جلوس)
رمز مثبت شريط التطويل العلوي

الصغار الذين يزيد حجمهم عن مقاعد الرفع

إن الأطفال الذين يسمح لهم حجمهم بربط حزام الكتف بصورة مريحة والذين تكون سيقانهم طويلة بما فيه الكفاية لأن تنطوي حول مقدمة المقعد عندما يكون ظهرهم منتصبًا وملامسًا لظهر المقعد يجب عليهم استخدام حزام الأمان الموجود في المقعد الخلفي. استخدم اختبار الخطوة 5 البسيط لتقرر ما إذا كان الطفل قادرًا على استخدام حزام أمان السيارة بمفرده:

1. هل يمكن للطفل الجلوس بالكامل مع وضع ظهره منتصبًا على ظهر مقعد السيارة؟
2. هل تنثني ركبتا الطفل بصورة مريحة حول مقدمة مقعد السيارة أثناء جلوسه مع الرجوع إلى الخلف بالكامل؟
3. هل يمر حزام الكتف عبر كتف الطفل بين الرقبة والذراع؟
4. هل جزء الحوض من الحزام منخفض بقدر الإمكان مما يجعله يلامس فخذي الطفل وليس معدته؟
5. هل يمكن أن يظل الطفل جالس على هذه الصورة حتى نهاية الرحلة؟

إذا كانت الإجابة على أي من هذه الأسئلة هو "لا"، فهذا يعني أن الطفل لا يزال بحاجة إلى استخدام مقعد الرفع بهذه السيارة. إذا كان الطفل يستخدم حزام الكتف/الحوض، فافحص مدى إحكام ربط حزام الأمان بشكل دوري وتأكد من ربط حزام أمان المقعد. فقد يؤدي تلوي الطفل في المقعد أو تدليه منه إلى إزاحة الحزام من مكانه. إذا لامس حزام الكتف وجه الطفل أو رقبته، فحرك الطفل قليلاً إلى وسط السيارة أو استخدم مقعد معزز لوضع حزام أمان المقعد على الطفل بشكل صحيح.

تحذير!
ولا تسمح للطفل أبدًا بوضع حزام الكتف خلف ظهره أو تحت ذراعه. في حالة التصادم، لن يحمي حزام الكتف الطفل بالكامل، مما قد ينتج عنه إصابة بالغة أو الوفاة. يجب أن يرتدي الطفل دائمًا جزئي حزام الحوض والكتف من حزام أمان المقعد بشكل صحيح.

توصيات لتركيب أنظمة تثبيت الأطفال

نوع نظام التثبيت	الوزن المجمع للطفل + نظام تثبيت الأطفال	استخدم أي طريقة تركيب موضحة بعلامة "X" أدناه			
		نظام LATCH - المثبتات السفلية فقط	حزام الأمان فقط	نظام LATCH - المثبتات السفلية + مثبت شريط التطويل العلوي	حزام الأمان + مثبت شريط التطويل العلوي
نظام تثبيت الأطفال المتجه للخلف	حتى 29.5 كجم (65 رطلاً)	X	X		
نظام تثبيت الأطفال المتجه للخلف	أكثر من 29.5 كجم (65 رطلاً)		X		
نظام تثبيت الأطفال المتجه للأمام	حتى 29.5 كجم (65 رطلاً)			X	X
نظام تثبيت الأطفال المتجه للأمام	أكثر من 29.5 كجم (65 رطلاً)				X

أنظمة تثبيت الرضع والأطفال

يُوصي خبراء السلامة بوضع الأطفال في مقعد الأمان متجهين إلى الخلف حتى بلوغ العامين، أو حتى يصلوا إلى حد الطول أو الوزن الخاص بأنظمة تثبيت الأطفال المتجهة إلى الخلف. ويمكن استخدام نوعين من أنظمة التثبيت للأطفال المتجهة إلى الخلف وهما: حاملات الأطفال الرضع ومقاعد الأطفال القابلة للتحويل.

يمكن استخدام حامل الأطفال فقط بحيث يتجه نحو الخلف في السيارة. يُوصى باستخدامه للأطفال حديثي الولادة حتى يصلوا إلى حد الطول أو الوزن المناسب لحامل الأطفال. ويمكن استخدام مقاعد الأطفال القابلة للتحويل المتجهة نحو الأمام أو نحو الخلف في السيارة. غالبًا ما تزيد حدود الأوزان بالنسبة إلى مقاعد الأطفال القابلة للتحويل عند استخدامها متجهة إلى الخلف عن حدود حاملات الأطفال، لذا يمكن استخدامها متجهة نحو الخلف مع الأطفال الذين لم يعد حامل الأطفال مناسبًا لهم وما زالوا أقل من عامين. حيث يجب المداومة على وضع الأطفال في المقاعد المتجهة إلى الخلف إلى أن يصلوا إلى أعلى وزن أو طول مسموح به في مقعد الأطفال القابل للتحويل.

تحذير!

- لا تضع نظام تثبيت الأطفال المتجه للخلف أمام وسادة هوائية مطلقًا. حيث قد يتسبب انتفاخ الوسادة الهوائية الأمامية للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه للخلف، أو إصابته بإصابة بالغة.

(تابع)

تحذير!

- لا تركب نظام تثبيت الأطفال المتجه للخلف في المقعد الأمامي في السيارة مطلقًا. استخدم نظام تثبيت الأطفال المتجه للخلف في المقعد الخلفي فقط. إذا كانت السيارة لا تشتمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجهًا للخلف في هذه السيارة.

أنظمة تثبيت الأطفال الكبار والأطفال

يمكن للأطفال ممن تجاوزا العامين أو ممن أصبح مقعد الطفل القابل للتحويل غير مناسب لهم أن يستخدموا المقاعد المتجهة للخلف في السيارة. مقاعد الأطفال المتجهة نحو الأمام ومقاعد الأطفال القابلة للتحويل المستعملة نحو الأمام مخصصة للأطفال ممن تجاوزا العامين أو من تجاوزا حد الطول أو الوزن الخاص بمقعد الطفل القابل للتحويل المتجه للخلف. ينبغي أن يظل الأطفال في المقعد المتجه للأمام باستخدام مجموعة الربط لأطول فترة ممكنة حتى يصلوا إلى أعلى وزن أو طول مسموح به لمقعد الأطفال.

ينبغي استخدام كرسي رفع يُضبط بواسطة حزام لجميع الأطفال الذين تجاوزت أوزانهم أو أطوالهم حد مقعد الطفل المتجه للخلف حتى تصبح أحزمة أمان السيارة محكمة وملائمة للارتداء. إذا لم يكن في مقدور الطفل أن يجلس مع ثني الركبة على وسادة مقعد السيارة وظهره مقابلاً لظهر المقعد، فإنه يجب استخدام مقعد رفع مزود بإمكانية تغيير وضع الحزام. ويتم تثبيت الطفل ومقعد الرفع المزود بإمكانية تغيير وضع الحزام بواسطة حزام الأمان.

تحذير!

- سوء التركيب يمكن أن يؤدي إلى عدم أداء نظام تثبيت الرضيع أو الطفل وظيفته بصورة صحيحة. ومن الممكن أن ينفصل نظام تثبيت الرضيع أو الطفل من مكانه. وقد يصاب الطفل بإصابات جسيمة أو مميتة. اتبع تعليمات الجهة المُصنِّعة لنظام تثبيت الأطفال بدقة عند تركيب نظام تثبيت الرضع أو الأطفال.
- بعد تركيب نظام تثبيت الأطفال في السيارة، لا تقم بتحريك مقعد السيارة للأمام أو الخلف نظرًا لأنه يمكن أن يرتخي تركيب ملحقات نظام تثبيت الأطفال. قم بإزالة نظام تثبيت الأطفال قبل ضبط موضع مقعد السيارة. وبعد ضبط موضع مقعد السيارة، أعد تثبيت نظام تثبيت الأطفال.
- عند عدم استخدام نظام تثبيت الأطفال، فاربطه بطريقة مأمونة بحزام الأمان أو نظام LATCH أو أخرجه من السيارة. ولا تتركه حرًا داخل السيارة. ففي حالات توقف السيارة المفاجئ أو الاصطدام، قد يرتطم بالركاب أو ظهر المقعد مسببًا إصابات بدنية خطيرة.

تحذير!
• في حالة التصادم، يمكن أن يصبح الطفل غير المثبت قذيفة داخل السيارة. وقد تصبح القوة المطلوبة للإمساك حتى بطفل رضيع في حضنك كبيرة للغاية بحيث لا يمكنك الإمساك بالطفل مهما بلغت قوتك. وقد يصاب الأطفال والآخرون بإصابة بالغة جدًا أو يتعرضون للوفاة. لذا يجب أن يتم تثبيت كل طفل في سيارتك بطريقة تتناسب مع حجمه.

هناك أحجام وأنواع مختلفة من أنظمة ربط أحزمة الأطفال بدءًا من المولودين حديثًا وحتى الأطفال الأكبر حجمًا والذين قد يكونوا بحجم يسمح لهم باستعمال حزام أمان الكبار. راجع دائمًا دليل مالك مقعد الطفل للتأكد من أن لديك النوع الصحيح من المقاعد لطفلك. يُرجى قراءة جميع الإرشادات والتحذيرات الواردة في دليل مالك نظام تثبيت الأطفال والموجودة في جميع الملصقات المثبتة بنظام تثبيت الأطفال واتباعها.

قبل شراء أي نظام تثبيت تأكد من احتوائه على ملصق يؤكد مطابقته لكافة معايير السلامة. ينبغي أيضًا التأكد من إمكانية تركيبه في السيارة التي ستستخدمه فيها.

ملخص للتوصيات الخاصة بتركيب أنظمة تثبيت الأطفال في السيارات

	حجم الطفل أو طوله أو وزنه أو عمره	**النوع المُوصى به من أنظمة تثبيت الأطفال**
الأطفال والرضع	الأطفال ممن يبلغون عامين أو أقل وممن لم يبلغوا حدود الطول أو الوزن الخاصة بنظام تثبيت الأطفال الخاص بهم	إما حامل الأطفال أو نظام تثبيت الأطفال القابل للتحويل، بحيث يتجه للخلف في أحد المقاعد الخلفية بالسيارة
الأطفال الصغار	الأطفال ممن تبلغ أعمارهم عامين على الأقل أو الذين زاد طولهم أو وزنهم عن الحد الخاص بنظام تثبيت الأطفال المتجه للخلف	نظام تثبيت الأطفال المتجه للأمام المزود بخمس نقاط تثبيت مع توجيه النظام للأمام في المقعد الخلفي بالسيارة
الأطفال الأكبر	الأطفال الذين كبروا على نظام تثبيت الأطفال المتجه للأمام ولكنهم ما زالوا صغارًا للغاية ليناسبهم حزام الأمان بالسيارة	مقعد الرفع المزود بإمكانية تغيير وضع الحزام وحزام الأمان بالسيارة مع الجلوس في المقعد الخلفي بالسيارة
الأطفال الكبار على أنظمة تثبيت الأطفال	الأطفال ممن تبلغ أعمارهم 12 عامًا أو أقل، الذين زاد طولهم أو وزنهم عن الحد الخاص بمقعد الرفع	حزام الأمان بالسيارة مع الجلوس في المقعد الخلفي بالسيارة

جهاز تسجيل بيانات الحوادث (EDR)

هذه السيارة مزودة بجهاز تسجيل بيانات الحوادث (EDR). الهدف الرئيسي من جهاز تسجيل بيانات الحوادث (EDR) في حالات وقوع التصادم والمواقف المشابهة هو تسجيل حالة انتفاخ الوسائد الهوائية أو الاصطدام بعائق في الطريق؛ وسوف تساعد هذه البيانات في فهم كيفية عمل أنظمة السيارة. تم تصميم جهاز تسجيل بيانات الحوادث (EDR) لتسجيل البيانات المتعلقة بالأنظمة الديناميكية وأنظمة السلامة بالسيارة لفترة قصيرة من الوقت، وهي بشكل نموذجي 30 ثانية أو أقل. تم تصميم جهاز تسجيل بيانات الحوادث (EDR) بهذه السيارة لتسجيل بيانات مثل:

- كيفية عمل العديد من الأنظمة في السيارة؛
- إذا كان السائق والركاب قد قاموا بتثبيت/إغلاق أحزمة المقاعد أم لا؛
- مقدار ضغط السائق (إذا كان قد ضغط) على دواسة البنزين و/أو الفرامل؛
- معدل سرعة السيارة.

يمكن أن تساعد هذه البيانات على توفير فهم أفضل للظروف التي وقعت فيها حوادث التصادم والإصابات.

ملاحظة:

لا تقوم السيارة بتسجيل بيانات جهاز تسجيل بيانات الحوادث (EDR) إلا في حالة حدوث تصادم كبير؛ ولا يتم تسجيل أي بيانات في جهاز EDR في ظروف القيادة العادية ولا يتم تسجيل بيانات شخصية (مثل الاسم والنوع والعمر وموقع التصادم). إلا أنه بإمكان الأطراف، مثل من لهم سلطة قانونية ضم بيانات جهاز تسجيل بيانات الحوادث (EDR) مع نوع من بيانات التعريف الشخصية المطلوبة بشكل روتيني أثناء التحقيق في الحادث.

يلزم وجود جهاز معين لقراءة البيانات التي قام جهاز تسجيل بيانات الحوادث (EDR) بتسجيلها، كما يلزم الوصول إلى السيارة وإلى جهاز تسجيل بيانات الحوادث (EDR). بالإضافة إلى الشركة المصنعة للسيارة، فإن الأطراف الآخرين مثل الجهات التي لها السلطة القانونية والتي لديها مثل هذا الجهاز، بإمكانها قراءة المعلومات إذا كان بإمكانهم الوصول للسيارة أو جهاز تسجيل بيانات الحوادث (EDR).

أنظمة تثبيت الأطفال

يجب ربط الحزام لكل ركاب سيارتك بمن فيهم الأطفال الرضّع والصغار طوال الوقت.

يجب ربط الأطفال ممن تبلغ أعمارهم 12 عامًا أو الأكبر بأحزمة الأمان في مقعد خلفي، إذا توفر ذلك. وتشير إحصائيات التصادمات إلى أن تثبيت الأطفال في المقاعد الخلفية بشكل صحيح أكثر أمانًا من تثبيتهم في المقاعد الأمامية.

ملصق التحذير على واقي الشمس للراكب الأمامي

تحذير!
• لا تستخدم مطلقًا نظام تثبيت أطفال متجهًا إلى الخلف على مقعد محمي بواسطة وسادة هوائية نشطة أمامه، إذ قد تحدث وفاة أو إصابة بالغة للطفل. • لا تركب نظام تثبيت الأطفال المتجه للخلف في المقعد الأمامي في السيارة مطلقًا. استخدم نظام تثبيت الأطفال المتجه للخلف في المقعد الخلفي فقط. إذا كانت السيارة لا تشتمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجهًا للخلف في هذه السيارة. • حيث قد يتسبب انتفاخ الوسادة الهوائية الأمامية للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه للخلف، أو إصابته بإصابة بالغة.

(تابع)

- تشغيل المصابيح الداخلية التي تظل مضاءة طالما توفرت الطاقة من البطارية لمدة 15 دقيقة من بداية تدخل نظام الاستجابة للحوادث المحسن
- إلغاء قفل أقفال الأبواب العاملة بالطاقة

قد تكون سيارتك مصممة أيضًا لتنفيذ أي من تلك الوظائف الأخرى استجابة لنظام الاستجابة للحوادث المحسّن:

- إيقاف تشغيل جهاز تدفئة فلتر الوقود، وإيقاف تشغيل محرك مروحة نظام التدفئة والتهوية والتكييف، وإغلاق باب إعادة تدوير الهواء لنظام التدفئة والتهوية والتكييف
- قطع إمداد طاقة البطارية إلى:
  - المحرك
  - الموتور الكهربائي (إذا كانت السيارة مزوّدة بذلك)
  - التوجيه المعزز كهربيًا
  - معزز الفرامل
  - فرامل التوقف الكهربية
  - محدد التروس بناقل الحركة الأوتوماتيكي
  - آلة التنبيه
  - الماسحة الأمامية

ملاحظة:

بعد وقوع حادث، تذكر تدوير مفتاح التشغيل إلى وضع STOP (الإيقاف) (OFF (إيقاف التشغيل)/LOCK (قفل)) وفك المفتاح من مفتاح التشغيل لتجنب تصريف البطارية. افحص السيارة بعناية بحثًا عن تسرب الوقود في غرفة المحرك وعلى الأرض بالقرب من غرفة المحرك وخزان الوقود قبل إعادة ضبط النظام وبدء تشغيل المحرك. إذا لم يكن هناك تسرب للوقود أو تلف في الأجهزة الكهربية في السيارة (مثل المصابيح الأمامية) بعد وقوع حادث، فأعد ضبط النظام باتباع الإجراء الوارد وصفه هنا. في حال وجود أي شك، اتصل بالوكيل المعتمد.

إجراء إعادة ضبط نظام الاستجابة للحوادث المحسن

من أجل إعادة ضبط وظائف نظام الاستجابة للحوادث المحسن بعد وقوع حادث، يجب أن يتم تغيير مفتاح التشغيل من وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق) إلى وضع OFF (إيقاف التشغيل). افحص السيارة بعناية بحثًا عن تسرب الوقود في غرفة المحرك وعلى الأرض بالقرب من غرفة المحرك وخزان الوقود قبل إعادة ضبط النظام وبدء تشغيل المحرك.

بعد وقوع حادث، إذا كانت السيارة لن تعمل بعد تنفيذ إجراء إعادة الضبط، فيجب سحب السيارة إلى وكيل معتمد ليتم فحصها ولإعادة ضبط نظام الاستجابة للحوادث المحسن.

صيانة نظام الوسائد الهوائية

تحذير!

- قد تؤدي أي تعديلات لأي جزء من نظام الوسائد الهوائية إلى تعطيله عند الحاجة إليه. وقد تتعرض لإصابة بدنية نتيجة لعدم وجود نظام وسادة هوائية لحمايتك. لا تقم بإدخال أي تعديلات على المكونات أو الأسلاك الكهربية، بما في ذلك إضافة أي ملصقات على غطاء كسوة محور عجلة القيادة أو جانب الراكب العلوي من لوحة أجهزة القياس. لا تقم بتعديل المصد/الواجهة في الأمام أو هيكل جسم السيارة ولا تقم بإضافة درج جانبي أو دواسات أبواب بديلة.
- من الخطر محاولة إصلاح أي جزء من نظام الوسائد الهوائية بنفسك. تأكد من إخبار أي شخص يعمل في سيارتك بأن بها نظام وسائد هوائية.
- لا تحاول تعديل أي جزء من نظام الوسائد الهوائية. فقد تنتفخ الوسادة الهوائية دون قصد أو قد لا تعمل بشكل صحيح في حالة إجراء تعديلات عليها. وتوجه بسيارتك إلى وكيل معتمد لإجراء أي عمليات صيانة مطلوبة لنظام الوسائد الهوائية. إذا احتاج المقعد إلى الصيانة بأي شكل من الأشكال بما في ذلك غطاء الكسوة ووسادة المقعد (ويشمل ذلك إزالة أو فك/إحكام ربط مسامير تثبيت المقعد)، فتوجه بالسيارة إلى الوكيل المعتمد. يمكن استخدام ملحقات المقاعد المعتمدة من الشركة المصنعة فقط. إذا لزم الأمر تعديل نظام الوسائد الهوائية للأشخاص المعاقين، فاتصل بالوكيل المعتمد.

مكونات نظام الوسادة الهوائية

ملاحظة:

تراقب وحدة التحكم في تثبيت الركاب (ORC) الدوائر الداخلية ومجموعة الأسلاك المترابطة والمتصلة بمكونات نظام الوسائد الهوائية الكهربائية المدرجة:

- وحدة التحكم في تثبيت الركاب (ORC)
- ضوء تحذيري بشأن الوسادة الهوائية
- عمود وعجلة قيادة
- لوحة أجهزة القياس
- الوسائد الهوائية للركبة
- الوسائد الهوائية للسائق والراكب الأمامي
- مفتاح إبزيم حزام الأمان
- الوسائد الهوائية الجانبية الإضافية
- الوسائد الهوائية الإضافية للركبة
- مستشعرات الصدمة الأمامية والجانبية
- آليات شد حزام الأمان
- مستشعرات وضع مسار المقعد
- نظام تصنيف الركاب

في حالة انتفاخ الوسائد الهوائية

تم تصميم الوسائد الهوائية الأمامية بحيث يزول انتفاخها على الفور بعد إتمام انتفاخها.

ملاحظة:

لن تنتفخ الوسائد الهوائية الأمامية و/أو الجانبية في كل حالات الاصطدام. وهذا لا يعني وجود خلل في نظام الوسائد الهوائية.

وإذا وقع حادث اصطدام يؤدي إلى انتفاخ الوسائد الهوائية تحدث أي من الحالات التالية أو جميعها:

- قد تسبب المواد المصنوعة منها الوسائد الهوائية كشط الجلد و/أو احمرار جلد الركاب وذلك عند انتفاخها وتحررها من موضعها. وحالات الكشط هذه مشابهة لآثار الاحتكاك بالحبال أو الانزلاق على سجادة أو على أرض صالة الألعاب الرياضية. وهي لا تنجم عن ملامسة مواد كيميائية. وهي ليست دائمة وعمومًا تشفى بسرعة. وإذا طالت فترة الشفاء لأكثر من بضعة أيام، أو إذا لاحظت فقاعات على الجلد، فراجع الطبيب فورًا.
- عندما يزول انتفاخ الوسادة الهوائية قد ترى جزيئات أشبه بالدخان. تعتبر هذه الجزيئات أمرًا طبيعيًا يتشكل أثناء عملية توليد الغاز غير السام الذي يستعمل لنفخ الوسادة الهوائية. وقد تسبب هذه الجزيئات التي يحملها الهواء حساسية للجلد أو العينين أو الأنف أو الحنجرة. وإذا أصبت بحساسية في جلدك أو في العينين، اغسلها بالماء البارد. وإذا أصبت بحساسية الأنف أو الحنجرة، فعليك باستنشاق الهواء الطلق. وفي حالة استمرار الحساسية عليك أن تراجع الطبيب. إذا علقت هذه الجزيئات بملابسك، فاغسلها حسب إرشادات الجهة المُصنِّعة.

لا تقم بقيادة السيارة بعد انتفاخ الوسائد الهوائية. لأنه إذا وقع تصادم آخر لك، فلن تكون الوسائد الهوائية بمكانها لتسمح بمساعدتك.

تحذير!
الوسائد الهوائية التي انتفخت مسبقًا وشدادات أحزمة الأمان لا توفر الحماية في حالة وقوع اصطدام آخر. استبدل الوسائد الهوائية وآليات شد أحزمة الأمان ومجموعات آليات سحب أحزمة الأمان بواسطة وكيل معتمد في أسرع وقت ممكن. قم أيضًا بصيانة نظام وحدة التحكم في تثبيت الركاب.

ملاحظة:

- قد لا تكون أغطية الوسائد الهوائية واضحة في الكسوة الداخلية، لكنها سوف تنفتح أثناء انتفاخ الوسائد الهوائية.
- بعد وقوع أي تصادم، يجب اصطحاب السيارة على الفور إلى الوكيل المعتمد.

نظام الاستجابة للحوادث المُحسن

في حالة الصدمات، إذا لم يحدث تلف في شبكة الاتصالات والطاقة، فستقوم وحدة التحكم في تثبيت الركاب (ORC)، حسب طبيعة الحادث، بتحديد ما إذا كان ينبغي أن يقوم نظام الاستجابة للحوادث المحسن بالوظائف التالية:

- قطع إمداد الوقود عن المحرك (إذا كانت السيارة مزودة بذلك)
- قطع طاقة البطارية عن الموتور الكهربائي (إذا كانت السيارة مزودة بذلك)
- وميض أضواء الخطر ما دامت البطارية تشتمل على طاقة

التصادم من الجانب الأيمن إلى انتفاخ الوسائد الهوائية اليمنى فقط. لا يعد تلف السيارة بحد ذاته مؤشر مناسب لما إذا كانت الوسائد الهوائية ستنتفخ أم لا.

لن تنتفخ الوسائد الهوائية الجانبية في جميع التصادمات الجانبية، بما في ذلك بعض الحوادث بزاوية معينة أو بعض التصادمات الجانبية التي لا تؤثر على منطقة مقصورة الركاب. قد تنتفخ الوسائد الهوائية الجانبية أثناء التصادمات الأمامية ذات الزاوية أو ذات الإزاحة حيث تنتفخ الوسائد الهوائية الأمامية.

الوسائد الهوائية ملحقة بنظام تثبيت حزام الأمان. تنتفخ الوسائد الهوائية في وقت أقل مما تستغرقه لتغمض عينيك.

تحذير!

- يمكن أن يتعرض الركاب، بما فيهم الأطفال الواقفين أمام الوسائد الهوائية أو القريبين جدًا منها، للإصابة البالغة أو الوفاة. يجب ألا يتكئ الركاب، بما في ذلك الأطفال، أو يناموا على الباب أو النوافذ الجانبية أو المنطقة التي تنتفخ فيها الوسائد الهوائية الجانبية، حتى لو كانوا داخل أنظمة تثبيت الرضع أو الأطفال.
- تعد أحزمة الأمان (أنظمة تثبيت الأطفال عند الاقتضاء) ضرورية لحمايتك في كل حالات التصادمات. كما تساعد أيضًا على المحافظة على وجودك في موضعك بعيدًا عن الوسادة الهوائية الجانبية المنتفخة. للحصول على أفضل حماية من الوسائد الهوائية، يجب على الركاب ارتداء أحزمة الأمان بطريقة صحيحة مع الجلوس في الوضع المستقيم معد وجود ظهور الركاب في مواجهة ظهور

(تابع)

تحذير!

المقاعد. يجب تثبيت الأطفال بصورة صحيحة في مقعد الرفع أو نظام تثبيت الأطفال الذي يتناسب مع حجم الطفل.

تحذير!

- تحتاج الوسائد الهوائية الجانبية إلى مساحة كافية لتنتفخ. لا تتكئ على الباب أو النافذة. اجلس منتصبًا في وسط المقعد.
- قد يؤدي الاقتراب أكثر من اللازم من الوسائد الهوائية الجانبية أثناء الانتفاخ إلى تعرضك لإصابة جسيمة أو للوفاة.
- الاعتماد على الوسائد الهوائية الجانبية بمفردها قد يؤدي إلى إصابة بالغة عند التصادم. فالوسائد الهوائية الجانبية بالإضافة إلى حزام الأمان تعمل على إبقائك في مكانك بصورة صحيحة. وفي بعض حوادث التصادمات، قد لا تنتفخ الوسائد الهوائية الجانبية على الإطلاق. ارتد دومًا حزام الأمان حتى ولو كانت السيارة مزودة بوسائد هوائية جانبية.

ملاحظة:

قد لا تكون أغطية الوسائد الهوائية واضحة في الكسوة الداخلية، لكنها سوف تنفتح أثناء انتفاخ الوسائد الهوائية.

حوادث انقلاب السيارة (إذا كانت السيارة مزوّدة بمستشعر انقلاب السيارة)

تم تصميم وسائد الهواء الجانبية وآليات شد أحزمة الأمان ليتم تنشيطها في بعض حوادث انقلاب السيارة (إذا كانت السيارة مزوّدة بمستشعر انقلاب السيارة). تحدد وحدة التحكم في تثبيت الركاب (ORC) ما إذا كان الانتفاخ عند حدوث صدمة معينة أمرًا مناسبًا، وذلك حسب شدة التصادم ونوعه. لا يعد تلف السيارة بحد ذاته مؤشرًا مناسبًا لما إذا كانت الوسائد الهوائية ستنتفخ وآليات شد أحزمة الأمان ستعمل أم لا.

لن تنتفخ الوسائد الهوائية الجانبية ولن تعمل آليات شد أحزمة الأمان في كل حوادث الانقلاب. يحدد نظام استشعار الانقلاب إذا ما كانت حالة الانقلاب مستمرة، وإذا ما كان الانتفاخ مناسبًا أم لا. إذا تعرضت السيارة لحادث انقلاب أو حادث أوشكت فيه على الانقلاب، وكان انتفاخ الوسادة الهوائية مناسبًا، فسيقوم نظام استشعار الانقلاب بنفخ الوسائد الهوائية الجانبية وآليات شد أحزمة الأمان على كلا جانبي السيارة.

قد تساعد الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) في تقليل مخاطر التعرض للانقذاف الجزئي أو الكلي لركاب السيارة عبر النوافذ الجانبية في بعض حوادث الانقلاب أو الصدمات الجانبية.

تحذير!

لا تستخدم أغطية المقاعد الملحقة، ولا تضع أي أشياء بينك وبين الوسائد الهوائية الجانبية، حيث قد يتأثر أداء هذه الوسائد بشدة و/أو قد تندفع هذه الأشياء بقوة تجاهك؛ مما قد يؤدي إلى حدوث إصابة بالغة.

الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) (إذا كانت السيارة مزوّدة بذلك)

قد تكون سيارتك مزوّدة بنظام الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) اليمنى واليسرى.

إذا كان الأمر كذلك، تقع الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC): فوق النوافذ الجانبية. يتم تمييز الكسوة التي تغطي الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) بعبارة "SRS AIRBAG" أو "AIRBAG".

موقع ملصق الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC)

قد تساعد الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) (إذا كانت السيارة مزوّدة بذلك) على تقليل مخاطر إصابات الرأس والإصابات الأخرى لركاب المقاعد الأمامية والخلفية جهة الخارج في بعض الصدمات الجانبية، بالإضافة إلى تقليل الإصابة المحتملة التي تقدمها أحزمة الأمان وهيكل الجسم.

تنتفخ الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) إلى الأسفل، بحيث تغطي النوافذ الجانبية. تدفع الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) الحافة الخارجية للكسوة بعيدًا عن مسار الانتفاخ وتغطي النافذة. يتم نفخ الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) بالهواء بقوة تكفي لإصابة الركاب إذا لم يكونوا يستخدمون حزام الأمان ويجلسون بصورة صحيحة، أو في حالة وجود متعلقات في المنطقة التي تنتفخ فيها الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC). يكون الأطفال عرضة للإصابة بشكل أكبر بسبب انتفاخ الوسادة الهوائية.

قد تساعد الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) (إذا كانت السيارة مزوّدة بذلك) في تقليل مخاطر التعرض للانقذاف الجزئي أو الكلي لركاب السيارة عبر النوافذ الجانبية في بعض حوادث الصدمات الجانبية.

تحذير!

- لا تركب معدات، ولا تضع أمتعة أو أشياء أخرى بارتفاع يعوق انتفاخ الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية (SABIC). ينبغي أن تظل الكسوة التي تغطي النوافذ الجانبية حيث الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية (SABIC) ومسار انتفاخها خاليًا من أي عوائق.
- لتعمل الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) كما يجب، فلا تقم بتركيب أي مواد ملحقة في السيارة قد تعمل على تغيير السقف. لا تقم بإضافة سقف متحرك بديل إلى سيارتك. لا تضف حمالة السقف التي تتطلب إضافات دائمة (مسامير أو براغي) لتثبيتها في سقف السيارة. لا تحفر في سقف السيارة لأي سبب.

الصدمات الجانبية

تم تصميم الوسائد الهوائية الجانبية ليتم تنشيطها في بعض الصدمات الجانبية. تحدد وحدة التحكم في تثبيت الركاب (ORC) ما إذا كان انتفاخ الوسائد الهوائية الجانبية في حادث تصادم معين أمرًا مناسبًا، استنادًا إلى شدة التصادم ونوعه. مستشعرات الصدمات الجانبية تساعد وحدة التحكم في تثبيت الركاب (ORC) في تحديد الاستجابة المناسبة لحوادث التصادم. تمت معايرة النظام لنفخ الوسائد الهوائية الجانبية على جانب السيارة الذي حدث به التصادم أثناء التصادمات التي تتطلب حماية الراكب بالوسائد الهوائية الجانبية. في حالات التصادم الجانبي، تنتفخ الوسائد الهوائية بشكل منفصل؛ بحيث يؤدي التصادم من الجانب الأيسر إلى انتفاخ الوسائد الهوائية اليسرى فقط، ويؤدي

- عدم استبدال غطاء المقعد أو الوسادة بغطاء مقعد أو وسادة بديلة.
- عدم إضافة غطاء مقعد أو سجادة ثانوية.
- ينبغي عدم تعديل أي مكوّن لنظام التثبيت الإضافي (SRS) أو أي مكوّن أو مثبّت متعلق بنظام التثبيت الإضافي (SRS) أو استبداله مطلقًا في أي وقت بأي جزء باستثناء الأجزاء المعتمدة من قِبل شركة FCA.

تحذير!

- قد تُغير التعديلات أو إجراءات الصيانة غير المعتمدة لمجموعة مقعد الراكب والمكونات المتعلقة بها أو غطاء المقعد أو الوسادة طريقة انتفاخ الوسادة الهوائية من دون قصد في حالة وقوع تصادم أمامي. وقد يتسبب ذلك في الوفاة أو في إصابة بالغة للراكب الأمامي إذا تعرضت السيارة لتصادم. وقد لا تتوافق السيارة المعدلة مع معايير سلامة السيارات الفيدرالية (FMVSS) و/أو معايير سلامة السيارات الكندية (CMVSS).
- إذا لزم الأمر تعديل نظام الوسائد الهوائية للأشخاص المعاقين، فاتصل بالوكيل المعتمد.

الوسائد الهوائية للركبة

تساعد وسائد حماية الركبة من الصدمات على حماية ركبتي السائق والراكب الأمامي وتضع ركاب المقعد الأمامي في أفضل وضع للتفاعل مع الوسائد الهوائية الأمامية.

تحذير!

- لا تحفر أو تقطع أو تعبث في وسائد حماية الركبة من الصدمات بأي شكل.
- لا تضع أي ملحقات عند الوسائد الهوائية للركبة مثل أضواء الإنذار أو أجهزة الاستيريو أو أجهزة راديو موجات المواطنين، وما إلى ذلك.

الوسائد الهوائية الإضافية للركبة للسائق والراكب الأمامي

هذه السيارة مزودة بوسائد هوائية إضافية للركبة للسائق مركبة في لوحة أجهزة القياس أسفل عمود التوجيه ووسائد هوائية إضافية للركبة للراكب الأمامي مركبة في لوحة أجهزة القياس أسفل صندوق القفازات. توفر الوسائد الهوائية الإضافية للركبة حماية محسنة عند حدوث تصادم أمامي حيث تعمل جنبًا إلى جنب مع أحزمة الأمان والشدادات والوسائد الهوائية الأمامية.

الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB) (إذا كانت السيارة مزوّدة بذلك)

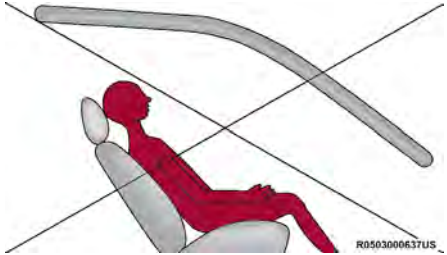
سيارتك مزوّدة أيضًا بوسائد هوائية جانبية إضافية مركبة في المقعد (SAB). إذا كان الأمر كذلك، فإن الوسائد الهوائية الجانبية المثبتة على المقعد (SABs) موجودة في المعلومات المضمنة.

توجد الوسائد الهوائية الإضافية الجانبية المركبة في المقعد (SAB): في الجانب الطرفي من المقاعد الأمامية. تشتمل الوسائد الهوائية الإضافية الجانبية على ملصق "SRS AIRBAG" أو "AIRBAG" على الجانب الطرفي من كسوة المقاعد.

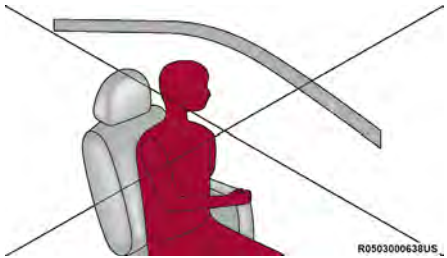
ملصق الوسادة الهوائية الجانبية الإضافية الأمامية المركبة في المقعد

قد تساعد الوسائد الهوائية الجانبية (إذا كانت السيارة مزوّدة بوسائد هوائية جانبية (SAB)) في تقليل خطر حدوث إصابة أثناء حدوث بعض الصدمات الجانبية، بالإضافة إلى تقليل الإصابة المحتملة التي توفرها أحزمة الأمان وهيكل الجسم.

عندما تنتفخ الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB)، فإنها تفتح خط الالتحام على الجانب الخارجي من غطاء كسوة ظهر المقعد. وتخرج الوسائد الهوائية الجانبية الإضافية المركبة بالمقعد (SAB) عند انتفاخها من شق المقعد إلى الحيز الموجود بين الراكب والباب. تتحرك الوسائد الهوائية الجانبية (SAB) بسرعة عالية للغاية وبقوة عنيفة قد تؤدي إلى إصابة الركاب إن لم يكونوا جالسين بصورة صحيحة، أو إذا كانت هناك حاجيات في الحيز الذي تنتفخ فيه الوسائد الهوائية الجانبية (SAB). يكون الأطفال عرضة للإصابة بشكل أكبر بسبب انتفاخ الوسادة الهوائية.



عدم الجلوس بشكل صحيح



عدم الجلوس بشكل صحيح

تحذير!

- إذا كان هناك نظام تثبيت أطفال أو طفل أو مراهق صغير أو بالغ يجلس في مقعد الراكب الأمامي بشكل غير صحيح، فقد يعطي الراكب إشارة خرج إلى نظام تصنيف الركاب (OCS) مختلفة عن إدخال وزن الراكب الجالس بشكل صحيح. وقد يسفر ذلك عن وقوع إصابة بالغة أو الوفاة في حالة وقوع تصادم.
- ارتد حزام الأمان واجلس بشكل صحيح دائمًا، مع وضع ظهر المقعد في وضع منتصب ووضع ظهرك على ظهر المقعد والجلوس منتصبًا والمواجهة للأمام في منتصف المقعد مع وضع قدميك على الأرض أو بالقرب منها بشكل مريح.
- لا تحمل أية أشياء أو تمسك بها (مثل، حقيبة الظهر أو الصناديق، إلخ) أثناء الجلوس في مقعد الراكب الأمامي. قد يوفر الإمساك بشيء ما إشارة خرج إلى نظام تصنيف الركاب (OCS) مختلفة عن إدخال وزن الراكب الجالس بصورة صحيحة، مما قد يؤدي إلى حدوث إصابة بالغة أو الوفاة في حالة وقوع تصادم.
- قد يؤدي وضع شيء ما على الأرضية أسفل مقعد الراكب الأمامي إلى منع نظام تصنيف الركاب (OCS) من العمل بشكل صحيح، وهو ما قد يتسبب في حدوث إصابة بالغة أو الوفاة في حالة وقوع تصادم. لا تضع أية أشياء على الأرضية أسفل مقعد الراكب الأمامي.

سيتم تشغيل الضوء التحذيري بشأن الوسادة الهوائية في لوحة أجهزة القياس عندما يتعذر على نظام تصنيف الركاب (OCS) تصنيف حالة مقعد الراكب الأمامي. قد يؤثر تعطل نظام تصنيف الركاب (OCS) على تشغيل نظام الوسائد الهوائية.

إذا لم يُضئ الضوء التحذيري بشأن الوسادة الهوائية، أو إذا ظل مضاءً بعد تشغيل السيارة أو إذا أضاء أثناء قيادة السيارة، فتوجه بالسيارة إلى الوكيل المعتمد لإجراء الصيانة فورًا.

تحتوي مجموعة مقعد الراكب على مكونات نظام تصنيف الركاب (OCS) الهامة والتي يمكن أن تؤثر على انتفاخ الوسادة الهوائية المتقدمة الأمامية للراكب. حتى يتمكن نظام تصنيف الركاب (OCS) من تصنيف راكب المقعد الأمامي بشكل صحيح، يجب أن تعمل مكونات نظام تصنيف الركاب (OCS) كما تم تصميمها. لا تقم بإجراء أي تعديلات على مكونات مقعد الراكب الأمامي أو مجموعة المقعد أو غطاء المقعد. إذا كان المقعد أو غطاء الكسوة أو الوسادة بحاجة للصيانة لأي سبب، فخذ السيارة إلى الوكيل المعتمد. يمكن استخدام ملحقات المقاعد المعتمدة من شركة FCA فقط.

يجب اتباع المتطلبات التالية بدقة:

- عدم تعديل مجموعة مقعد الراكب الأمامي أو مكوناتها بأي شكل من الأشكال.
- عدم استخدام أغطية مقاعد أو وسائد من طراز سنة سابقة أو سنة تالية غير مُصممة من قِبل شركة FCA للطراز المحدد الذي يجري إصلاحه. استخدام غطاء المقعد والوسادة الصحيحين المحددين للسيارة دائمًا.

يجلسون بشكل صحيح

الركاب خفيفي الوزن (بما في ذلك البالغون صغار الحجم)

عند جلوس راكب خفيف الوزن، بما في ذلك البالغين الصغار، في مقعد الراكب الأمامي، قد يقلل نظام تصنيف الركاب (OCS) معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب. وهذا لا يعني أن نظام تصنيف الركاب (OCS) لا يعمل بشكل صحيح.

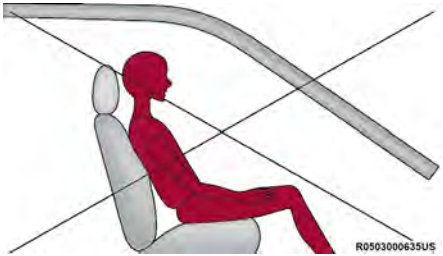
لا تقم بتقليل أو زيادة وزن الراكب الجالس في مقعد الراكب الأمامي

يجب ضبط وزن الراكب الجالس في المقعد الأمامي بشكل صحيح في مقعد الراكب الأمامي. حيث قد يؤدي عدم مراعاة ذلك إلى وقوع إصابة بالغة أو الوفاة. يحدد نظام تصنيف الركاب (OCS) التصنيف الأكثر مناسبة للراكب الذي قام باكتشافه. يقوم نظام تصنيف الركاب (OCS) باكتشاف الزيادة أو النقصان في وزن الراكب الأمامي، مما قد يتسبب في ضبط معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب في حالة حدوث تصادم. وهذا لا يعني أن نظام تصنيف الركاب (OCS) لا يعمل بشكل صحيح. قد يؤدي تقليل وزن الراكب الجالس في مقعد الراكب الأمامي إلى انتفاخ منخفض الطاقة للوسادة الهوائية الأمامية المتقدمة للراكب. قد تؤدي زيادة وزن الراكب الجالس في مقعد الراكب الأمامي إلى انتفاخ كامل الطاقة للوسادة الهوائية الأمامية المتقدمة للراكب.

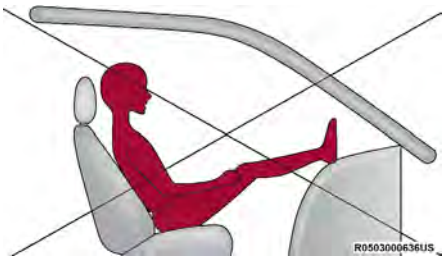
تشمل الأمثلة على الجلوس غير الصحيح للراكب الأمامي ما يلي:

- نقل وزن الراكب الأمامي إلى جزء آخر من السيارة (مثل الباب أو مسند الذراعين أو لوحة أجهزة القياس).
- ميل الراكب الأمامي نحو الأمام، أو إلى الجانب أو استدارته ليواجه الجزء الخلفي للسيارة.
- عدم وجود ظهر مقعد الراكب الأمامي في وضع الاستقامة الكاملة.
- إمساك الراكب الأمامي بشيء ما أثناء جلوسه (مثل، حقيبة الظهر أو الصندوق، إلخ.).
- الأشياء الموضوعة أسفل مقعد الراكب الأمامي.
- الأشياء الموضوعة بين مقعد الراكب الأمامي والكونسول المركزي.
- الملحقات التي قد تغير من وزن الراكب الجالس في مقعد الراكب الأمامي ومثبتة بمقعد الراكب الأمامي.
- أي شيء قد يتسبب في تقليل أو زيادة وزن الراكب الجالس في المقعد الأمامي.

يقوم نظام تصنيف الركاب (OCS) بتحديد التصنيف الأكثر احتمالاً للراكب الذي يشغل مقعد الراكب الأمامي. إذا كان الراكب يجلس في مقعد الراكب الأمامي بشكل غير صحيح، فقد يوفر الراكب إشارة خرج إلى نظام تصنيف الركاب (OCS) الذي يختلف عن إدخال وزن الراكب الجالس بشكل صحيح، على سبيل المثال:



عدم الجلوس بشكل صحيح



عدم الجلوس بشكل صحيح

لن يمنع نظام تصنيف الركاب (OCS) انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب. قد يقلل نظام تصنيف الركاب (OCS) معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب إذا قدر نظام تصنيف الركاب (OCS) أن:

- مقعد الراكب الأمامي غير مشغول أو به أشياء خفيفة جدًا؛ أو
- يشغل مقعد الراكب الأمامي راكبًا صغيرًا، بما في ذلك الطفل؛ أو
- يشغل مقعد الراكب الأمامي نظام تثبيت الأطفال المتجه للخلف؛ أو
- أن الراكب الأمامي يجلس بوضع غير صحيح أو أن وزنه غير موجود بالمقعد لفترة من الوقت.

حالة ركاب مقعد الراكب الأمامي	خرج الوسادة الهوائية للراكب الأمامي
نظام تثبيت الأطفال المتجه للخلف	الانتفاخ منخفض الطاقة
الطفل، بما في ذلك الطفل في أنظمة تثبيت الأطفال المواجهة للأمام أو مقعد الرفع*	الانتفاخ منخفض الطاقة أو الانتفاخ كامل الطاقة
البالغ الجالس بوضع صحيح	الانتفاخ كامل الطاقة أو الانتفاخ منخفض الطاقة
المقعد غير المشغول	الانتفاخ منخفض الطاقة

* يمكن تصنيف طفل على أنه بالغ، مما يؤدي إلى انتفاخ الوسادة الهوائية الأمامية المتقدمة بطاقة كاملة. لا تسمح للأطفال بالركوب في مقعد الراكب الأمامي مطلقًا ولا تركب نظام تثبيت الأطفال، بما في ذلك نظام تثبيت الأطفال للخلف، في مقعد الراكب الأمامي مطلقًا.

تحذير!

- لا تستخدم مطلقًا نظام تثبيت أطفال متجهًا إلى الخلف على مقعد محمي بواسطة وسادة هوائية نشطة أمامه، إذ قد تحدث وفاة أو إصابة بالغة للطفل.
- لا تركب نظام تثبيت الأطفال المتجه للخلف في المقعد الأمامي في السيارة مطلقًا. استخدم نظام تثبيت الأطفال المتجه للخلف في المقعد الخلفي فقط. إذا كانت السيارة لا تشتمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجهًا للخلف في هذه السيارة.

(تابع)

تحذير!

- حيث قد يتسبب انتفاخ الوسادة الهوائية الأمامية للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه للخلف، أو إصابته بإصابة بالغة.
- يجب تثبيت إبزيم حزام الأمان دائمًا للأطفال الذين تبلغ أعمارهم 12 عامًا أو أقل في المقعد الخلفي في السيارة المزوّدة بمقعد خلفي.

يقوم نظام تصنيف الركاب (OCS) بتحديد التصنيف الأكثر احتمالاً للراكب الذي يشغل مقعد الراكب الأمامي. يُقدر نظام تصنيف الركاب (OCS) الوزن في مقعد الراكب الأمامي وأين يقع هذا الوزن. يتواصل نظام تصنيف الركاب (OCS) مع حالة التصنيف في وحدة التحكم في تثبيت الركاب (ORC). تستخدم وحدة التحكم في تثبيت الركاب (ORC) التصنيف لتحديد كيف يجب تعديل معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة.

لتشغيل نظام تصنيف الركاب (OCS) حسب تصميمه، يجب أن يجلس الراكب الأمامي بشكل صحيح ويرتدي حزام الأمان بشكل صحيح. الركاب الذين يجلسون بشكل صحيح:

- يجلسون منتصبين
- مواجهين للأمام
- يجلسون في منتصف المقعد مع وضع أقدامهم على الأرض أو بالقرب منها بشكل مريح
- يجلسون مع وضع ظهورهم على ظهر المقعد وظهر المقعد في وضع منتصب

قد تكون السيارة مزودة بمستشعرات وضع مسار مقعد السائق و/أو الراكب الأمامي والتي قد تقوم بضبط معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة وفقًا لموضع المقعد.

هذه السيارة مزودة بنظام تصنيف الركاب (OCS) للراكب الأمامي الأيمن تم تصميمه لتوفير خرج للوسادة الهوائية الأمامية المتقدمة الخاصة بالراكب تناسب إدخال وزن الراكب الجالس بصورة صحيحة، كما هو محدد بواسطة نظام تصنيف الركاب (OCS).

تحذير!

- يجب عدم وضع أي حاجيات فوق الوسادة الهوائية أو بالقرب منها على لوحة أجهزة القياس أو عجلة القيادة، نظرًا لأن هذه الحاجيات قد تؤدي إلى حدوث ضرر إذا تعرضت السيارة لحادث تصادم عنيف بما يكفي لنفخ الوسادة الهوائية.
- لا تضع أي شيء على أغطية الوسادة الهوائية أو حولها ولا تحاول فتحها يدويًا. فقد يتسبب ذلك في تلف الوسائد الهوائية وقد يعرضك للإصابة لأن الوسائد الهوائية قد لا تعمل بعد ذلك. صممت الأغطية الواقية للوسائد الهوائية لكي تُفتح عند انتفاخ الوسائد الهوائية فقط.
- الاعتماد على الوسائد الهوائية بمفردها قد يؤدي إلى إصابات خطيرة عند التصادم. فالوسائد الهوائية بالإضافة إلى حزام الأمان تعمل على إبقائك في مكانك بصورة صحيحة. وفي بعض حوادث التصادمات لا تنتفخ الوسائد الهوائية على الإطلاق. ارتدي دومًا حزام الأمان حتى ولو كانت السيارة مزودة بوسائد هوائية.

تشغيل الوسائد الهوائية الأمامية

صُممت الوسائد الهوائية الأمامية لتوفير حماية إضافية عن طريق إكمال عمل أحزمة الأمان. وليس متوقعًا للوسائد الهوائية الأمامية أن تقلل من مخاطر الإصابة التي تنجم عن حالات التصادم الخلفية والجانبية أو حوادث انقلاب السيارة. لن تنتفخ الوسائد الهوائية الأمامية في كل حالات الاصطدامات الأمامية، التي تتضمن بعض الحالات التي قد ينجم عنها تلف كبير بالسيارة - على سبيل المثال، بعض الاصطدامات في الأعمدة واصطدامات السيارة بالشاحنات واصطدامات الإزاحة بزاوية.

على الجانب الآخر، وتبعًا لنوع الاصطدام ومكانه، قد تنتفخ الوسائد الهوائية الأمامية في حالة الصدمات التي ينجم عنها تلف بسيط في الطرف الأمامي للسيارة غير أنها تسبب خفضًا حادًا للسرعة في البداية.

ونظرًا لأن مستشعرات الوسائد الهوائية تقيس خفض سرعة السيارة مع مرور الوقت، فإن سرعة السيارة والتلف الذي يصيبها لا يعتبران في حد ذاتهما مؤشرات جيدة لضرورة انتفاخ الوسادة الهوائية أم لا.

لا غنى عن أحزمة الأمان لحمايتك في كل حالات الاصطدام، وهي لازمة أيضًا لمساعدتك على المحافظة على وضعك بعيدًا عن الوسادة الهوائية في حال انتفاخها.

عندما تكتشف وحدة التحكم في تثبيت الركاب (ORC) حدوث تصادم يستلزم استخدام الوسائد الهوائية الأمامية، فإنها تصدر إشارات إلى وحدات نفخ الوسائد الهوائية. يتم توليد كمية كبيرة من الغاز غير السام لنفخ الوسائد الهوائية الأمامية.

ينفصل كل من غطاء كسوة محور عجلة القيادة والجزء العلوي بجانب الراكب من لوحة أجهزة القياس ويتم طيهما بعيدًا عن حيز الانتفاخ الكامل للوسائد الهوائية. تنتفخ الوسائد الهوائية الأمامية بالكامل في وقت أقل مما تستغرقه لتغمض عينيك. بعد ذلك يزول انتفاخ الوسائد الهوائية الأمامية بسرعة بحيث يحمي السائق والراكب الأمامي.

نظام تصنيف الركاب (OCS) - مقعد الراكب الأمامي

يعتبر نظام تصنيف الركاب OCS جزءًا من نظام أمان خاضع للوائح تنظيمية فيدرالية لهذه السيارة. فهو مصمم لتوفير مخرجات الوسادة الهوائية الأمامية المتقدمة مناسبة على لوزن الراكب الجالس، كما هو محدد بواسطة نظام تصنيف الركاب (OCS).

ويتألف نظام تصنيف الركاب (OCS) مما يلي:

- وحدة التحكم في تثبيت الركاب (ORC)
- توجد وحدة تصنيف الركاب (OCM) والمستشعر في مقعد الراكب الأمامي
- ضوء تحذيري بشأن الوسادة الهوائية

وحدة تصنيف الركاب (OCM) والمستشعر

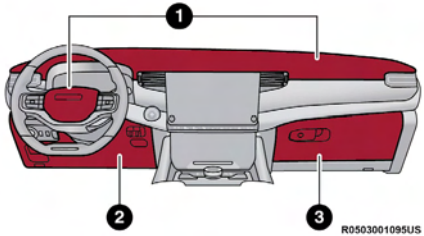
توجد وحدة تصنيف الركاب (OCM) أسفل مقعد الراكب الأمامي. يوجد المستشعر خلف فوم وسادة مقعد الراكب. سيقوم المستشعر باستشعار أي وزن موجود على المقعد. تستخدم وحدة تحكم تصنيف الركاب (OCM) الإخراج الصادر عن المستشعر لتحديد التصنيف الأكثر احتمالاً للراكب الذي يشغل مقعد الراكب الأمامي. تقوم وحدة تصنيف الركاب (OCM) بتوصيل هذه المعلومات إلى وحدة التحكم في تثبيت الركاب (ORC). قد تقوم وحدة التحكم في تثبيت الركاب (ORC) بتقليل معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب في بناءً على تصنيف الراكب. لتشغيل نظام تصنيف الركاب (OCS) حسب تصميمه، يجب أن يجلس الراكب الأمامي بشكل صحيح ويرتدي حزام الأمان بشكل صحيح.

الضوء التحذيري المتكرر بشأن الوسادة الهوائية

في حالة اكتشاف عطل في الضوء التحذيري بشأن الوسادة الهوائية، الذي يمكن أن يؤثر على نظام التثبيت الإضافي (SRS)، يضيء الضوء التحذيري بشأن الوسادة الهوائية بشكل متكرر على لوحة أجهزة القياس. سيظل الضوء التحذيري المتكرر بشأن الوسادة الهوائية قيد التشغيل حتى تتم إزالة العطل. بالإضافة إلى ذلك، يصدر تنبيهًا صوتيًا لتنبيهك بوجود ضوء تحذير متكرر بشأن الوسادة الهوائية وباكتشاف وجود عطل. إذا كان الضوء التحذيري المتكرر بشأن الوسادة الهوائية يضيء بشكل متقطع أو يظل مضيئًا أثناء القيادة، فاطلب من وكيل معتمد صيانة السيارة على الفور ⇦ صفحة ١١٣.

الوسائد الهوائية الأمامية

تحتوي هذه السيارة على وسائد هوائية أمامية وأحزمة أمان الحوض/الكتف لكل من السائق والراكب الأمامي. الوسائد الهوائية الأمامية ملحقة بأنظمة تثبيت حزام الأمان. الوسادة الهوائية الأمامية للسائق مثبتة في منتصف عجلة القيادة. أما الوسادة الهوائية الأمامية للراكب فهي مثبتة في لوحة أجهزة القياس فوق صندوق القفازات. وستجد عبارة "SRS AIRBAG" أو "AIRBAG" مكتوبتين على أغطية الوسادة الهوائية.



أماكن الوسائد الهوائية الأمامية/وسادة الركبة

1 — الوسائد الهوائية الأمامية للسائق والراكب
2 - الوسادة الهوائية لركبة السائق/الوسادة الهوائية الإضافية للركبة جانب السائق
3 — وسادة حماية الركبة من الصدمات للراكب/الوسادة الهوائية الإضافية للركبة بجانب الراكب

تحذير!

- إن جلوسك قريبًا جدًا من عجلة القيادة أو لوحة أجهزة القياس أثناء انتفاخ الوسادة الهوائية الأمامية قد يسبب لك إصابة بالغة، قد تصل إلى الوفاة. فالوسائد الهوائية تحتاج إلى حيز كاف لتنتفخ. اجلس مسترخيًا إلى الوراء ومد ذراعيك بشكل مريح للتحكم بعجلة القيادة أو الوصول إلى لوحة أجهزة القياس.
- لا تستخدم مطلقًا نظام تثبيت أطفال متجهًا إلى الخلف على مقعد محمي بواسطة وسادة هوائية نشطة أمامه، إذ قد تحدث وفاة أو إصابة بالغة للطفل.

(تابع)

تحذير!

- لا تركب نظام تثبيت الأطفال المتجه للخلف في المقعد الأمامي في السيارة مطلقًا. استخدم نظام تثبيت الأطفال المتجه للخلف في المقعد الخلفي فقط. إذا كانت السيارة لا تشتمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجهًا للخلف في هذه السيارة.
- حيث قد يتسبب انتفاخ الوسادة الهوائية الأمامية للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه للخلف، أو إصابته بإصابة بالغة.

ميزات الوسائد الهوائية الأمامية للسائق والراكب

يحتوي نظام الوسادة الهوائية الأمامية المتقدمة على وسائد هوائية متعددة المراحل للسائق والراكب الأمامي. يوفر هذا النظام مخرجات مناسبة لشدة التصادم ونوعه كما تحددها وحدة التحكم في تثبيت الركاب (ORC)، والتي قد تستقبل معلومات من مستشعرات التصادم (إذا كانت السيارة مزودة بذلك) أو مكونات النظام الأخرى.

يتم إطلاق وحدة نفخ المرحلة الأولى فورًا خلال الاصطدام الذي يتطلب انتفاخ الوسادة الهوائية. ويستخدم إخراج الطاقة المنخفض هذا في حالات التصادم الأقل شدة. بينما يستخدم إخراج الطاقة الأعلى في حالات التصادم الأكثر شدة.

قد تكون السيارة مزودة بمفتاح إبزيم حزام أمان السائق و/أو الراكب الأمامي الذي يكتشف ما إذا كان حزام أمان السائق أو الراكب الأمامي مربوطًا أم لا. يمكن أن يضبط مفتاح ربط حزام الأمان معدل نفخ الوسادة الهوائية الأمامية المتقدمة.

يجب أن يكون نظام الوسائد الهوائية جاهزًا لحمايتك في حالة وقوع تصادم. تراقب وحدة التحكم في تثبيت الركاب (ORC) الدوائر الداخلية ومجموعة الأسلاك المترابطة والمتصلة بمكونات نظام الوسائد الهوائية الكهربائية. قد تكون السيارة مزودة بمكونات نظام الوسائد الهوائية التالية:

مكونات نظام الوسادة الهوائية

- وحدة التحكم في تثبيت الركاب (ORC)
- ضوء تحذيري بشأن الوسادة الهوائية
- عمود وعجلة قيادة
- لوحة أجهزة القياس
- الوسائد الهوائية للركبة
- الوسائد الهوائية للسائق والراكب الأمامي
- مفتاح إبزيم حزام الأمان
- الوسائد الهوائية الجانبية الإضافية
- الوسائد الهوائية الإضافية للركبة
- مستشعرات الصدمة الأمامية والجانبية
- آليات شد حزام الأمان
- مستشعرات وضع مسار المقعد
- نظام تصنيف الركاب

ضوء تحذيري بشأن الوسادة الهوائية

تراقب وحدة التحكم في تثبيت الركاب (ORC) استعداد الأجزاء الإلكترونية لنظام الوسائد الهوائية عندما يكون مفتاح التشغيل في وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق). إذا كان مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، فلن يعمل نظام الوسائد الهوائية ولن تنتفخ الوسائد الهوائية.

تحتوي وحدة التحكم في تثبيت الركاب (ORC) على نظام تزويد طاقة احتياطي قد يعمل على نفخ الوسادة الهوائية حتى إذا فقدت البطارية الطاقة أو تم فصلها قبل الانتفاخ.

تقوم وحدة التحكم في تثبيت الركاب (ORC) بإضاءة الضوء التحذيري بشأن الوسادة الهوائية في لوحة أجهزة القياس لمدة تتراوح بين أربع وثماني ثوان لإجراء فحص ذاتي عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) لأول مرة. بعد الفحص الذاتي، ينطفئ "ضوء تحذير الوسادة الهوائية". وإذا اكتشفت وحدة التحكم في تثبيت الركاب (ORC) عطلاً في أي جزء من النظام، فإنها تعمل على تشغيل ضوء تحذير الوسادة الهوائية لفترة قصيرة أو بشكل مستمر. سيصدر صوت تنبيه واحد لتنبيهك إذا أضاء المصباح مرة أخرى بعد التشغيل الأولي.

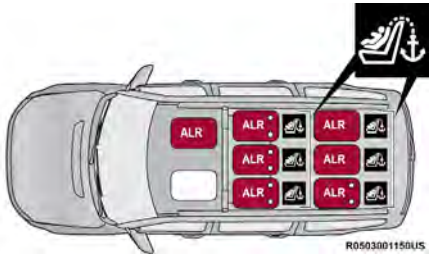
تحتوي وحدة التحكم في تثبيت الركاب (ORC) أيضًا على نظام تشخيصي يضيء ضوء تحذيري بشأن الوسادة الهوائية في لوحة أجهزة القياس في حالة اكتشاف خلل قد يؤثر على نظام الوسائد الهوائية. ويقوم النظام التشخيصي أيضًا بتسجيل طبيعة الخلل. لقد تم تصميم نظام الوسائد الهوائية بطريقة تغنيه عن الحاجة إلى الصيانة، إلا إنه عند حدوث أي من الحالات التالية، اطلب من الوكيل المعتمد صيانة نظام الوسائد الهوائية فورًا.

- عدم إضاءة الضوء التحذيري بشأن الوسادة الهوائية لمدة تتراوح بين أربع إلى ثماني ثوان عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) لأول مرة.
- استمرار إضاءة ضوء تحذير الوسادة الهوائية بعد مرور المهلة التي تتراوح ما بين أربع إلى ثمان ثوان.
- يضيء ضوء تحذير الوسادة الهوائية بصورة متقطعة أو يظل مضاءً أثناء قيادة السيارة.

ملاحظة:

إذا كان عداد المسافة أو التاكوميتر أو أي أجهزة قياس خاصة بالمحرك لا تعمل، فقد يتم تعطيل وحدة التحكم في تثبيت الركاب. في هذه الحالة، قد لا تكون الوسائد الهوائية جاهزة للانتفاخ لحمايتك. اطلب من الوكيل المعتمد صيانة نظام الوسائد الهوائية فورًا.

تحذير!
إن تجاهل الضوء التحذيري بشأن الوسادة الهوائية المعروض في لوحة أجهزة القياس قد يعني أنك لن تحصل على الحماية المطلوبة من نظام الوسائد الهوائية في حالة وقوع تصادم. فإذا لم يظهر الضوء كفحص بمصباح عند أول تشغيل للإشعال، أو إذا استمر في الظهور بعد تشغيل المحرك أو إذا ظهر خلال قيادة السيارة، فيجب فحص نظام الوسائد الهوائية فورًا عند وكيل معتمد.



أماكن آلية سحب القفل الأوتوماتيكي (ALR) لثمانية ركاب (المقعد الطويل في الصف الثاني)

إذا كان موضع جلوس الراكب مزودًا بآلية سحب القفل الأوتوماتيكي (ALR) ويتم استخدامه بشكل عادي، اسحب سير حزام الأمان فقط لمسافة تكفي للفه بشكل مريح حول الجزء الأوسط من جسم الراكب بحيث لا يتم تنشيط آلية سحب القفل الأوتوماتيكي (ALR). في حالة تنشيط آلية سحب القفل الأوتوماتيكي (ALR) ستسمع صوت تعشيق عند انسحاب حزام الأمان. اسمح للحزام بالانسحاب تمامًا في هذه الحالة ثم قم بسحب جزء سير الحزام الضروري بعناية، بحيث يتم لفه بشكل مريح حول الجزء الأوسط من جسم الراكب. أدخل لوح المزلاج في الإبزيم حتى تسمع صوت "نقرة".

في وضع القفل الأوتوماتيكي، يتم قفل حزام الكتف أوتوماتيكيًا بشكل مسبق. وستستمر إمكانية انسحاب حزام الأمان لإزالة أي ارتخاء في حزام الكتف. استخدم وضع القفل الأوتوماتيكي في أي وقت يتم فيه تركيب نظام تثبيت الأطفال في موضع جلوس به حزام أمان مزود بهذه الميزة. يجب تثبيت الأطفال الذين تبلغ أعمارهم 12 عامًا وأقل بطريقة صحيحة دائمًا في المقعد الخلفي للسيارة باستخدام مقعد خلفي.

تحذير!

- لا تستخدم مطلقًا نظام تثبيت أطفال متجهًا إلى الخلف على مقعد محمي بواسطة وسادة هوائية نشطة أمامه، إذ قد تحدث وفاة أو إصابة بالغة للطفل.
- لا تركب نظام تثبيت الأطفال المتجه للخلف في المقعد الأمامي في السيارة مطلقًا. استخدم نظام تثبيت الأطفال المتجه للخلف في المقعد الخلفي فقط. إذا كانت السيارة لا تشتمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجهًا للخلف في هذه السيارة.
- حيث قد يتسبب انتفاخ الوسادة الهوائية الأمامية للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه للخلف، أو إصابته بإصابة بالغة.

كيفية تشغيل وضع القفل الأوتوماتيكي

1. اربط الحزام الموحد للحوض والكتف.
2. أمسك الجزء الخاص بالكتف واسحبه لأسفل إلى أن تشد حزام الأمان بأكمله.
3. اسمح لحزام الأمان بالانسحاب. بينما ينسحب حزام الأمان، ستسمع صوت طقطقة. وهو ما يشير إلى أن حزام الأمان قد أضحى في وضع القفل الأوتوماتيكي.

كيفية إيقاف تشغيل وضع القفل الأوتوماتيكي

قم بفك مجموعة حزام الحوض والكتف واتركه يتراجع بالكامل لإبطال عمل وضع القفل الأوتوماتيكي وقم بتنشيط وضع القفل الحساس للسيارة (الطارئ).

تحذير!

- يجب أن يتم استبدال مجموعة حزام الأمان في حالة ما إذا كانت ميزة آلية سحب القفل الأوتوماتيكي القابلة للتحويل (ALR) أو أي وظيفة أخرى لحزام الأمان لا تعمل بطريقة صحيحة عند فحصها تبعًا للإجراءات المتبعة في دليل الخدمة.
- يؤدي عدم استبدال مجموعة حزام الأمان إلى زيادة مخاطر الإصابة عند وقوع التصادمات.
- لا تستخدم وضع القفل الأوتوماتيكي لتثبيت الركاب ممن يرتدون حزام الأمان أو الأطفال الذين يستخدمون مقاعد الرفع. يستخدم وضع القفل فقط لتركيب أنظمة تثبيت الأطفال المتجهة للأمام أو للخلف والتي تحتوي على مجموعة أسلاك لتثبيت الطفل.

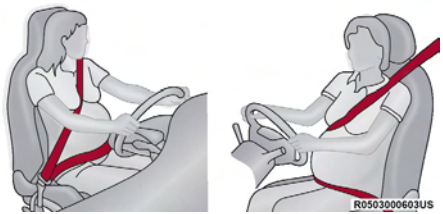
أنظمة التثبيت الإضافية (SRS)

قد تمثل بعض ميزات الأمان الموضحة في هذا القسم معدات قياسية في بعض الطرز، أو قد تكون معدات اختيارية في البعض الآخر. إذا كنت غير متأكد، فاسأل الوكيل المعتمد.

تحذير!

- استخدم الجزء المطول لحزام المقعد فقط إذا كان ذلك مطلوبًا لتركيب نظام حزام الأمان الأصلي بشكل سليم. لا تستخدم الجزء المطول لحزام المقعد إذا كانت المسافة بين الحافة الأمامية من إبزيم الجزء المطول لحزام المقعد ومنتصف جسم الراكب أقل من 6 بوصات عند الارتداء.
- يمكن أن يتسبب استخدام الجزء المطول لحزام المقعد، مع عدم الحاجة إليه، في زيادة مخاطر حدوث إصابة بالغة أو الوفاة في حالة وقوع تصادم. استخدم الجزء المطول لحزام المقعد عندما لا يكون حزام الحوض طويلاً بما يكفي واستخدامه فقط في مواضع الجلوس المُوصى بها. قم بإزالة الجزء المطول لحزام المقعد وتخزينه عند عدم الحاجة إليه.

أحزمة الأمان والنساء الحوامل



أحزمة الأمان والنساء الحوامل

يجب على جميع الركاب ارتداء أحزمة الأمان، بما في ذلك النساء الحوامل: يتم تقليل خطر التعرض للإصابات في حالة وقوع حادث للأم والجنين إذا قامت السيدة الحامل بارتداء حزام الأمان.

ضعي حزام الحوض بإحكام واخفضيه أسفل البطن وعبر العظام القوية للفخذين. ضعي حزام الكتف عبر الصدر وبعيدًا عن الرقبة. لا تضعي مطلقًا حزام الكتف خلف الظهر أو تحت الذراع.

آلية شد حزام الأمان

تم تزويد نظام حزام أمان المقعد الأمامي الطرفي بأجهزة شد مصممة لإزالة أي ارتخاء من نظام حزام الأمان في حالة وقوع تصادم. قد تقوم هذه الأجهزة بتحسين أداء حزام الأمان من خلال إزالة الارتخاء من حزام الأمان في وقت مبكر في حالة وقوع تصادم. تتكيف آليات الشد مع حجم أي راكب، بما في ذلك الأطفال الذين يوضعون في نظام تثبيت الأطفال.

ملاحظة:

إن آليات الشد ليست بديلة لربط حزام الأمان بصورة صحيحة من قبل الراكب. فلا بد من ربط حزام الأمان بإحكام وفي الوضع الصحيح.

يتم تشغيل آليات الشد بواسطة وحدة التحكم في تثبيت الركاب ORC. وكما هو الحال مع الوسائد الهوائية فإن الشدادات مصممة للاستعمال مرة واحدة فقط. يجب استبدال الوسادة الهوائية أو آلية الشد التي انتفخت على الفور.

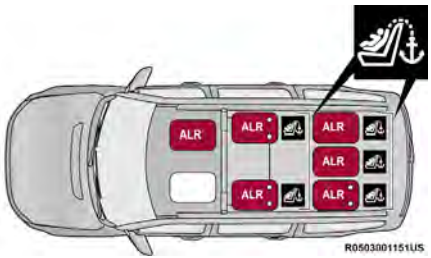
ميزة إدارة الطاقة

تم تزويد نظام حزام الأمان الأمامي الطرفي بميزة إدارة الطاقة التي قد تساعد في تقليل خطر التعرض لإصابة في حالة التصادم. ويشتمل نظام أحزمة الأمان على مجموعة آلية سحب تم تصميمها لتحرير الحزام بشكل يمكن التحكم فيه.

آلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل

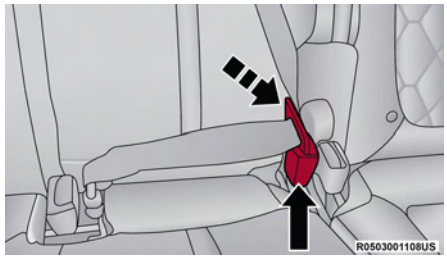
قد تكون أحزمة الأمان في مواضع جلوس الركاب مزوّدة بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل والتي تُستخدم لتأمين نظام تثبيت الأطفال ⇦ صفحة ٣٠٥.

يوضح الشكل المبين ميزة القفل لكل موضع من مواضع الجلوس.



أماكن آلية سحب القفل الأوتوماتيكي (ALR) لسبعة ركاب (الصف الثاني لمقاعد القائد)

5. اجلس مسترخيًا بظهرك على المقعد. ثم اسحب لوح المزلاج العادي لأعلى شريط حزام الأمان حسب الحاجة حتى يلتف الحزام حول حوضك.
6. وعندما يكون طول حزام الأمان مناسبًا، أدخل لوح المزلاج في الإبزيم حتى تسمع الصوت الذي يدل على ربطه.



ربط حزام أمان المقعد الأوسط في الصف الثالث

7. ضع حزام الحوض حتى يتم إحكام تثبيته بحيث يستقر حول الفخذين، أسفل بطنك. للتخلص من ارتخاء حزام الحوض اسحب جزء الحزام الملتف حول الكتف قليلاً. ولتخفيف ربط الحزام الملتف حول الحوض إذا كان محكمًا، قم بسحب حزام الحوض. حزام الأمان المحكم يقلل من خطر الانزلاق تحت حزام الأمان عند التصادم.
8. ضع حزام الكتف بشكل مريح على صدرك وبعيدًا عن رقبتك. وستسحب آلية سحب الحزام أي ارتخاء في حزام الأمان.
9. لفك حزام المقعد، اضغط على الزر الأحمر على الإبزيم.
10. لفصل لوح المزلاج الصغير من الإبزيم الصغير لتخزينهما، أدخل لوح المزلاج العادي في الفتحة المركزية الحمراء في الإبزيم الصغير. وسينسحب حزام الأمان أوتوماتيكيًا إلى وضعه الأصلي. اسحب لوح المزلاج إلى أسفل سير الحزام لكي تضمن الانسحاب الكامل لحزام الأمان، إذا كان ذلك ضروريًا. أدخل لوح المزلاج الصغير ولوح المزلاج المعتاد في وضع التخزين.

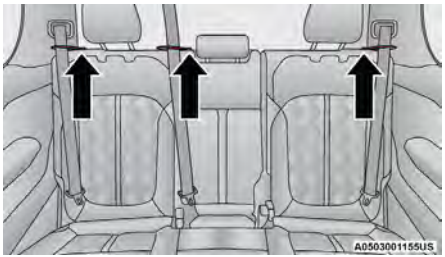
تحذير!

- إذا لم يكن قد تم توصيل لوح المزلاج الصغير والإبزيم الصغير بشكل صحيح عند استخدام أحد الركاب لحزام الأمان، فلن يوفر حزام الأمان التثبيت المناسب بل ويزيد خطورة الإصابة عند وقوع تصادم.
- عند إعادة ربط لوح المزلاج الصغير والإبزيم الصغير، تأكد من عم التواء سير حزام الأمان. إذا كان هناك التواء بسير الحزام، فاتبع الإجراء السابق لفصل لوح المزلاج الصغير والإبزيم الصغير وتخلص من الالتواء بسير الحزام وأعد توصيل لوح المزلاج الصغير والإبزيم الصغير.

موجهات أحزمة الصف الثالث

ملاحظة:

توجد ثلاثة موجهات للأحزمة في أعلى ظهور المقاعد، واحد لكل وضعية جلوس في الصف الثالث. ويمكن استخدامها لإبقاء حزام الكتف في وضع ثابت لتوفير المزيد من الراحة، إذا لزم الأمر.



موجهات أحزمة الصف الثالث

الجزء المطول لحزام الأمان — إذا كانت السيارة مزوّدة بذلك

إذا كان طول حزام الأمان غير مناسب ليتم إحكامه، حتى عندما يتم تمديد سير الحزام مع وجود مثبت حزام الكتف العلوي القابل للضبط (إذا كانت السيارة مزودة بذلك) في أدنى وضع، فبإمكان الوكيل المعتمد توفير الجزء المطول لحزام الأمان. يجب استخدام الجزء المطول لحزام الأمان فقط إذا كان حزام الأمان الحالي غير طويل بالقدر الكافي. عند عدم الحاجة إلى الجزء المطول لحزام الأمان لأحد الركاب، فيجب إزالته.

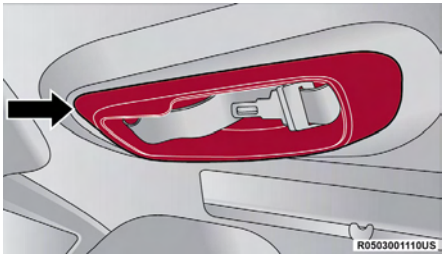
تحذير!

- يمكن أن يزيد ارتداء حزام الأمان بشكل غير صحيح من شدة الإصابات عند وقوع تصادم. وقد تتعرض لإصابات داخلية أو قد تنزلق من تحت حزام الأمان. اتبع هذه التعليمات لوضع حزام الأمان بصورة آمنة للمحافظة على سلامتك وسلامة ركاب السيارة أيضًا.
- ضع حزام الكتف بين الكتف والصدر مع الحد الأدنى، وفي حالة وجود أي ارتخاء بحيث يكون مريحًا وغير مستقر حول رقبتك. وستسحب آلية سحب الحزام أي ارتخاء في حزام الكتف.
- قد يتسبب سوء ضبط حزام الأمان في تقليل فعالية سلامة حزام الأمان في حالة وقوع تصادم.
- احرص دومًا على تنفيذ إجراءات ضبط ارتفاع حزام الأمان أثناء توقف السيارة.

تعليمات تشغيل حزام الأمان الأوسط بالصف الثالث

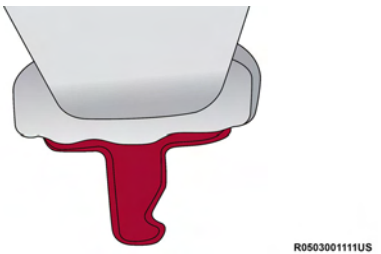
تتميز أحزمة الأمان الوسطى في الصف الثالث بلوح مزلاج صغير وإبزيم، وهو الأمر الذي يسمح بفصل حزام الأمان عن المثبت السفلي عند طي المقعد. يمكن تخزين لوح المزلاج الصغير ولوح المزلاج العادي بعد ذلك بعيدًا في البطانة العلوية لتوفير المزيد من الراحة للسماح باستخدام مساحات التخزين خلف المقاعد الأمامية إذا لم يكن هناك راكب جالس في المقعد.

1. أزل لوح المزلاج الصغير ولوح المزلاج العادي من وضع التخزين في البطانة العلوية خلف مقعد الصف الثالث قليلاً.



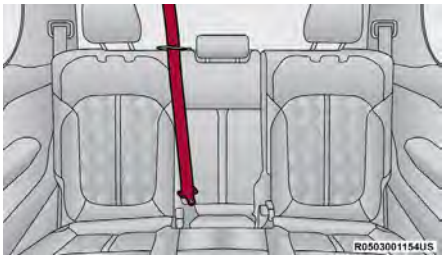
تخزين المزلاج الصغير

2. أمسك لوح المزلاج الصغير واسحب حزام الأمان فوق المقعد.



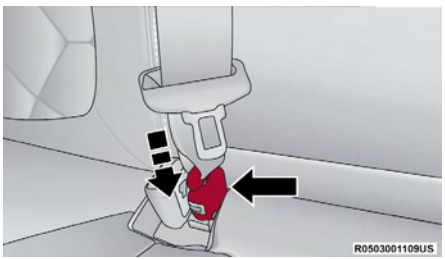
لوح المزلاج الصغير

3. مرر حزام الكتف إلى داخل مسند الرأس الأيمن.

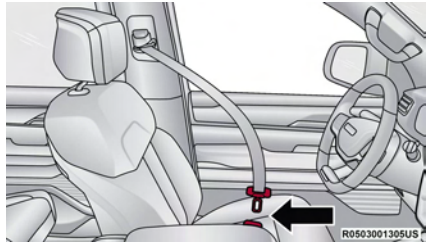


توجيه لوح ماسك حزام الأمان في مقعد الصف الثالث

4. وعندما يصبح طول حزام الأمان مناسبًا، أدخل لوح المزلاج الصغير في الإبزيم الصغير حتى تسمع الصوت الذي يدل على تثبيتها.

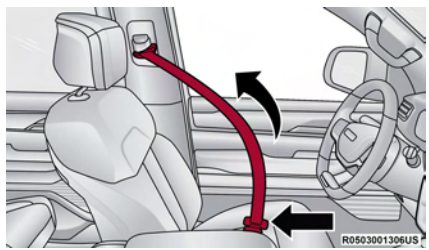


توصيل مزلاج صغير بالإبزيم الصغير



إدخال لوح المزلاج في الإبزيم

4. ضع حزام الحوض حتى يتم إحكام تثبيته بحيث يستقر حول الفخذين، أسفل بطنك. للتخلص من ارتخاء حزام الحوض اسحب جزء الحزام الملتف حول الكتف قليلاً. ولتخفيف إحكام الحزام الملتف حول الحوض قم بإمالة لوح المزلاج واسحب حزام الحوض. حزام الأمان المحكم يقلل من خطر الانزلاق تحت حزام الأمان عند التصادم.



وضع حزام الحوض

5. ضع حزام الكتف بين الكتف والصدر مع الحد الأدنى، وفي حالة وجود أي ارتخاء بحيث يكون مريحًا وغير مستقر حول رقبتك. وستسحب آلية سحب الحزام أي ارتخاء في حزام الكتف.
6. لفك حزام المقعد، اضغط على الزر الأحمر على الإبزيم. وسينسحب حزام الأمان أوتوماتيكيًا إلى وضعه الأصلي. اسحب لوح المزلاج إلى أسفل سير الحزام لكي تضمن الانسحاب الكامل لحزام الأمان، إذا كان ذلك ضروريًا.

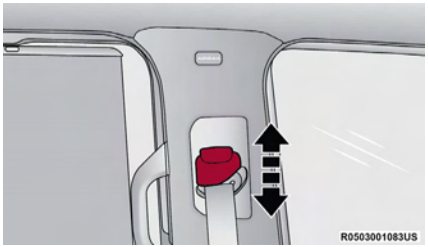
إجراء تعديل حزام أمان الحوض/الكتف الملتف

اتبع الخطوات التالية لتعديل حزام الحوض والكتف لحزام الأمان في حالة التفافه.

1. ضع لوح المزلاج في أقرب مكان ممكن من نقطة التثبيت.
2. من نقطة تبعد من 15 سم إلى 30 سم (من 6 إلى 12 بوصة) تقريبًا فوق لوح المزلاج، أمسك سير حزام الأمان ولفه بزاوية 180 درجة لإحداث طية تبدأ فوق لوح المزلاج مباشرة.
3. اسحب لوح المزلاج إلى الأعلى إلى نقطة تتجاوز الطية الموجودة على الحزام. ويجب توخي الحذر عند البدء بهذه العملية لضمان دخول الطية في الفتحة في أعلى لوح المزلاج.
4. استمر بسحب لوح المزلاج إلى الأعلى حتى تتجاوز الطية الموجودة على حزام الأمان ويصبح حزام الأمان غير ملتويًا.

مثبت حزام الكتف العلوي القابل للضبط

في مقعد السائق ومقعد الراكب الأمامي الطرفي، يمكن ضبط الجزء العلوي من حزام الكتف سواء لأعلى أو لأسفل لوضع حزام الأمان بعيدًا عن رقبتك. اضغط على زر المثبت أو اضغط عليه مطولاً لتحرير المثبت، ثم قم بتحريكه لأعلى أو لأسفل إلى الوضع الذي يناسبك.



المثبت العلوي القابل للضبط

وكقاعدة أساسية، إذا كنت أقصر من المتوسط فستفضّل مثبت حزام الكتف في موضع أكثر انخفاضًا، وإذا كنت أطول من المتوسط فستفضّل مثبت حزام الكتف في موضع أعلى. وبعد تحرير زر المثبت حاول تحريكه لأعلى أو لأسفل للتأكد من قفله في موضعه.

ملاحظة:

يتم تزويد مثبت حزام الكتف القابل للضبط بميزة التحريك لأعلى. تسمح هذه الميزة بضبط مثبت حزام الكتف في الوضع العلوي من دون الضغط على زر التحرير أو كبسه. للتحقق من قفل مثبت حزام الكتف، اسحب مثبت حزام الكتف إلى الأسفل حتى يتم قفله في موضعه.

تحذير!

- يمكن أن يزيد ارتداء حزام الأمان بشكل غير صحيح من شدة الإصابات عند وقوع تصادم. وقد تتعرض لإصابات داخلية أو قد تنزلق من تحت حزام الأمان. اتبع هذه التعليمات لوضع حزام الأمان بصورة آمنة للمحافظة على سلامتك وسلامة ركاب السيارة أيضًا.
- يجب عدم ربط شخصين بحزام واحد بتاتًا. فقد يرتطم هذان الشخصان ببعضهما البعض في حالة وقوع حادث، الأمر الذي يسبب الأذى لكل منهما. امتنع عن استخدام حزام الحوض/الكتف أو حزام الحوض لأكثر من شخص بغض النظر عن أحجامهم.

تحذير!

- إن ربط حزام الحوض في جزء مرتفع من جسمك يمكن أن يزيد من الإصابات الداخلية عند الاصطدام. وذلك لعدم تأثير قوى حزام الأمان على العظام القوية للورك والحوض بل على البطن. قم دائمًا بارتداء جزء حزام الحوض في أدنى مستوى ممكن مع إحكام ربط حزام الأمان.
- حزام الأمان الملفوف لن يحميك بصورة صحيحة. ففي حالة وقوع حادث اصطدام من الممكن أن يدخل في جسمك مسببًا لك الأذى. تأكد من أن وضع حزام الأمان بشكل مسطح في مواجهة جسمك، دون وجود الالتفافات. إذا لم تستطع تعديل أحد أحزمة الأمان إلى الوضع المستقيم في سيارتك، فتوجه على الفور إلى الوكيل المعتمد لإصلاحه.

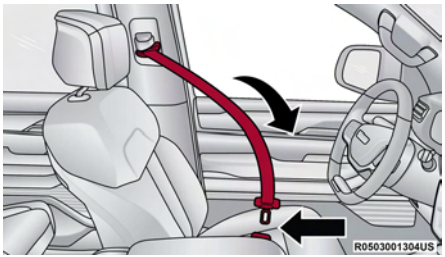
(تابع)

تحذير!

- إن حزام الأمان المربوط في إبزيم غير صحيح لا يحميك بالطريقة السليمة. ومن الممكن أن يرتفع جزء الحزام الذي يلتف حول حوضك إلى أعلى جسمك مما يسبب إصابات داخلية. تأكد دائمًا من إدخال حزام الأمان في الإبزيم المخصص لك والقريب منك.
- إن حزام الأمان المرتخي للغاية لن يحميك بالطريقة السليمة. فعند التوقف المفاجئ قد تتحرك كثيرًا إلى الأمام مما يزيد من احتمال الإصابة. تأكد من ربط الحزام بإحكام.
- حزام الأمان المربوط تحت ذراعك يشكل خطورة كبيرة. فقد يرتطم جسمك بداخل السيارة عند الاصطدام مما يزيد من إصابة الرأس والرقبة. كما يسبب حزام الأمان المربوط تحت الذراع إصابات داخلية. إن عظام الضلوع أضعف من عظام الكتف. اربط حزام الأمان حول كتفك كي تصد العظام القوية قوة التصادم.
- الحزام المربوط خلفك لن يحميك من الإصابات أثناء وقوع حادث. فقد يرتطم رأسك عند وقوع الحادث إذا لم تربط حزام الكتف. فالغرض من أحزمة الكتف والحوض هو استخدامها سوية.
- قد ينقطع حزام الأمان البالي أو الممزق عند التصادم وتصبح من دون حماية. افحص نظام أحزمة الأمان بصورة دورية للتأكد من عدم وجود أجزاء مقطوعة أو ممزقة أو بالية. ويجب استبدال الأجزاء التالفة فورًا. لا تحاول فك نظام حزام الأمان أو إدخال التعديلات عليه. إذا تعرّضت سيارتك لحادث تصادم أو إذا كانت لديك أي أسئلة تتعلق بحزام الأمان أو ظروف آلية السحب، فتوجه بسيارتك إلى وكيل FCA معتمد لفحصها.

تعليمات استخدام حزام الحوض/الكتف

1. ادخل السيارة وأغلق الباب. ثم اجلس مسترخيًا واضبط المقعد.
2. يوجد لوح مزلاج لحزام الأمان أعلى ظهر المقعد الأمامي، بجانب ذراعك في المقعد الخلفي (السيارات المزودة بالمقعد الخلفي). أمسك لوح المزلاج واسحب حزام الأمان. ثم اسحب لوح المزلاج لأعلى سير الحزام حسب الحاجة حتى يلتف حزام الأمان حول حوضك.



سحب لوح المزلاج

3. وعندما يكون طول حزام الأمان مناسبًا، أدخل لوح المزلاج في الإبزيم حتى تسمع الصوت الذي يدل على ربطه.

تسلسل التحذير لميزة BeltAlert

يتم تنشيط تسلسل تحذير BeltAlert عندما تتحرك السيارة بسرعة أعلى من نطاق سرعة السيارة المحددة وعندما لا يقوم السائق أو الراكب في المقعد الأمامي الخارجي بربط الحزام (إذا كانت السيارة مزودة بميزة BeltAlert لمقعد الراكب الأمامي الخارجي) (لا تكون ميزة BeltAlert الخاصة بمقعد الراكب الأمامي الخارجي نشطة عند عدم وجود راكب في المقعد الأمامي الخارجي). يبدأ تسلسل التحذير BeltAlert من خلال وميض ضوء التذكير بربط حزام الأمان وإصدار إشارة صوتية متقطعة. بمجرد اكتمال تسلسل التحذير BeltAlert، سيظل ضوء التذكير بربط حزام الأمان مضاءً حتى يتم ربط أحزمة الأمان. قد يتكرر تسلسل التحذير لميزة BeltAlert بناءً على سرعة السيارة حتى يتم ربط أحزمة أمان السائق والراكب في المقعد الأمامي الخارجي. يجب أن يطلب السائق من جميع الركاب ربط أحزمة الأمان.

تغيير الحالة

إذا قام السائق أو الراكب في المقعد الأمامي (إذا كانت السيارة مزودة بميزة BeltAlert لمقعد الراكب الأمامي الخارجي) بفك أحزمة الأمان الخاصة بهم أثناء تحرك السيارة، فيبدأ تسلسل التحذير BeltAlert حتى يتم ربط أحزمة الأمان مرة أخرى.

لا تكون ميزة BeltAlert الخاصة بمقعد الراكب الأمامي الخارجي نشطة عند عدم وجود راكب في المقعد الأمامي الخارجي. قد يتم تشغيل ميزة BeltAlert عند وجود حيوان أو أشياء أخرى فوق مقعد الراكب الأمامي الخارجي أو عند طي المقعد بشكل مسطح (إذا كانت السيارة مزودة بذلك). يُوصى بتثبيت الحيوانات في المقعد الخلفي (إذا كانت السيارة مزودة بذلك) في حاملات الحيوانات الأليفة التي يتم ربطها بأحزمة الأمان، وتخزين الحمولة بشكل سليم.

يمكن تنشيط ميزة BeltAlert أو إلغاء تنشيطها من قِبل الوكيل المعتمد. لا تُوصي شركة FCA بإلغاء تنشيط ميزة BeltAlert.

ملاحظة:

إذا تم إلغاء تنشيط ميزة BeltAlert وقام السائق أو الراكب في المقعد الأمامي الخارجي (إذا كانت السيارة مزودة بميزة BeltAlert لمقعد الراكب الأمامي الخارجي) بفك أحزمة الأمان، فسيضيء ضوء التذكير بربط حزام الأمان ويبقى مضاءً حتى يتم يقوم السائق والراكب في المقعد الأمامي الخارجي بربط الأحزمة.

أحزمة الحوض/الكتف

إن جميع أماكن الجلوس في سيارتك مزودة بأحزمة أمان الحوض/الكتف.

لا يتم قفل آلية سحب سير حزام الأمان إلا في حالات التوقف المفاجئ للغاية أو التصادمات. وتسمح هذه الميزة بالحركة التامة لجزء الكتف من حزام الأمان مع حركتك في الظروف العادية. ولكن عند وقوع تصادم يتم قفل حزام الأمان، وهو ما يؤدي إلى التقليل من خطورة ارتطامك بالجزء الداخلي من السيارة أو الانقذاف خارجها.

تحذير!

- الاعتماد على الوسائد الهوائية بمفردها قد يؤدي إلى إصابات خطيرة عند التصادم. فالوسائد الهوائية بالإضافة إلى حزام الأمان تعمل على إبقائك في مكانك بصورة صحيحة. وفي بعض الحوادث لا تنتفخ الوسادة الهوائية. ارتدي دومًا حزام الأمان حتى ولو كانت السيارة مزودة بوسائد هوائية.
- في حالة وقوع حادث اصطدام قد تتعرض أنت وركاب السيارة لإصابات بدنية خطيرة إذا لم يتم استعمال نظام ربط الحزام بصورة صحيحة. وربما ترتطم أنت بالجزء الداخلي من السيارة أو بالركاب الآخرين أو قد تُقذف خارج السيارة. تأكد دائمًا من ربط الحزام حولك وحول الركاب بصورة صحيحة.
- يعتبر الجلوس في منطقة الحمولة في الداخل أو الخارج عند سير السيارة خطيرًا جدًا. ففي حالات الاصطدام من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابات خطيرة أو مميتة.
- لا تسمح لأي شخص بالجلوس في أماكن لا تحتوي على أحزمة أمان أو مقاعد.
- تأكد من جلوس جميع الركاب في المقاعد واستعمالهم لأحزمة الأمان بصورة صحيحة. ينبغي على الركاب، بمن فيهم السائق، دومًا وضع حزام أمان المقعد سواء توافرت أو لم تتوافر وسادة هوائية في وضع الجلوس للتقليل من خطر وقوع إصابة بالغة أو الوفاة في حالة حدوث تصادم.

(تابع)

2. الطفل صغير الحجم الذي لا يمكنه ارتداء حزام الأمان الخاص بالسيارة بشكل صحيح، ينبغي تثبيته باستخدام نظام تثبيت أطفال مناسب أو مقعد الرفع المزوّد بإمكانية تغيير وضع الحزام في وضع جلوس إلى الخلف ⇦ صفحة ٢٩٧.
3. إذا كان من الضروري أن يجلس الأطفال الذين تتراوح أعمارهم من سنتين إلى 12 سنة (ليس في نظام تثبيت الأطفال المتجه للخلف) في مقعد الراكب الأمامي، فحرّك المقعد إلى أقصى الخلف واستخدم نظام تثبيت الأطفال المناسب ⇦ صفحة ٢٩٧
4. لا تدع الأطفال يضعون حزام الكتف خلفهم أو تحت ذراعهم أبدًا.
5. ينبغي قراءة التعليمات المتوفرة مع نظام تثبيت الأطفال للتأكد من استعمال المقعد بصورة صحيحة.
6. ينبغي على كافة الركاب ربط أحزمة الأمان دومًا بصورة صحيحة.
7. يجب دفع مقعدي السائق والراكب الأمامي إلى أبعد مسافة ممكنة للخلف من أجل توفير مسافة كافية للوسائد الهوائية الأمامية في حالة انتفاخها.
8. لا تتكئ على الباب أو النافذة. إذا كانت السيارة مزودة بوسائد هوائية جانبية، وحدث انتفاخ لها، فستنتفخ الوسائد الهوائية الجانبية بقوة في الفراغ الذي يكون بين الركاب وبين الباب وقد تتسبب في حدوث إصابة للركاب.
9. إذا كانت هناك حاجة لتعديل نظام الوسادة الهوائية الموجود في هذه السيارة لاستيعاب شخص من ذوي الهمم، فراجع ⇦ صفحة ٣٨٥ لمعرفة معلومات التواصل مع خدمة العملاء.

تحذير!

- لا تستخدم مطلقًا نظام تثبيت أطفال متجهًا إلى الخلف على مقعد محمي بواسطة وسادة هوائية نشطة أمامه، إذ قد تحدث وفاة أو إصابة بالغة للطفل.
- لا تركب نظام تثبيت الأطفال المتجه للخلف في المقعد الأمامي في السيارة مطلقًا. استخدم نظام تثبيت الأطفال المتجه للخلف في المقعد الخلفي فقط. إذا كانت السيارة لا تشتمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجهًا للخلف في هذه السيارة.
- حيث قد يتسبب انتفاخ الوسادة الهوائية الأمامية للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه للخلف، أو إصابته بإصابة بالغة.

أنظمة أحزمة الأمان

اربط حزام الأمان حتى لو كنت سائقًا ماهرًا، حتى عند القيادة لمسافات قصيرة. فقد تواجه من لا يتقن القيادة وقد يعرضك لحادث تصادم. وقد يحدث هذا بعيدًا عن المنزل أو في الشارع الذي تقيم فيه.

وقد أثبتت البحوث أن أحزمة الأمان تنقذ الأرواح وتقلل من خطورة الإصابات في حوادث التصادم. وتحدث أسوأ الإصابات عند انقذاف الأشخاص خارج السيارة. وتقيك أحزمة المقاعد من ذلك، وتقلل خطورة الإصابات الناجمة عن الارتطام بالسيارة من الداخل. من الضروري ربط الأحزمة لكل الأشخاص داخل السيارة في جميع الأوقات.

نظام التذكير بربط حزام أمان المقعد المحسن (BeltAlert)

ميزة BeltAlert للسائق والراكب - إذا كانت السيارة مزودة بذلك

تعد BeltAlert ميزة مخصصة لتذكير السائق والراكب في المقعد الأمامي الخارجي (إذا كانت السيارة مزودة بميزة BeltAlert لمقعد الراكب الأمامي الخارجي) لربط أحزمة الأمان الخاصة بهم. وتنشط ميزة BeltAlert عندما يكون مفتاح التشغيل في وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق).

الإشارة المبدئية

إذا لم يقم السائق بربط الحزام عند إدارة مفتاح التشغيل إلى وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق) لأول مرة، فستصدر صافرة لعدة ثوان. إذا لم يقم السائق أو الراكب في المقعد الأمامي الخارجي (إذا كانت السيارة مزودة بميزة BeltAlert لمقعد الراكب الأمامي الخارجي) بربط الحزام عند إدارة مفتاح التشغيل إلى وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق) لأول مرة، فسيضيء ضوء التذكير بربط حزام الأمان ويبقى مضاءً حتى يتم ربط كل من أحزمة أمان المقاعد الأمامية الخارجية. لا تكون ميزة BeltAlert لمقعد الراكب الأمامي الخارجي نشطة عند عدم وجود راكب في المقعد الأمامي الخارجي.

XX = قيم الضغط البارد للسيارة للمحورين الأمامي والخلفي الموجودة على الملصق كما هو موضح في ملصق الضغط الخاص بالسيارة.

يمكنك أيضًا تخزين قيم ضغط مختارة لكل محور في تطبيق نظام Uconnect كقيم ضغط مضبوطة مسبقًا. يمكن تخزين ما يصل إلى مجموعتين من قيم الضغط المضبوطة مسبقًا في نظام Uconnect للمحورين الأمامي والخلفي. وبمجرد تحديد ضغط هواء الإطارات للمحورين الأمامي والخلفي الذي تريد نفخ الإطارات أو تفريغها للوصول إليه، يمكنك أن تبدأ نفخ إطار واحد أو تفريغه في كل مرة.

ملاحظة:

سيدعم نظام STFA (إنذار ملء الإطارات القابل للتحديد) نفخ إطار واحد فقط أو تفريغه في المرة الواحدة. يجب على المستخدم الانتظار حتى تتوقف مصابيح الخطر عن الوميض أو تنقضي 26 إلى 30 ثانية بعد الوصول إلى الضغط المطلوب في إحدى العجلات قبل الانتقال إلى الأخرى.

سيتم تنشيط النظام عندما تكتشف وحدة استقبال نظام مراقبة ضغط هواء الإطارات (TPMS) تغييرًا في ضغط هواء الإطار. يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) مع وجود ناقل الحركة في وضع PARK (التوقف). ستومض أضواء الخطر للتأكيد على أن السيارة في وضع إنذار ملء الإطار.

عند الدخول إلى وضع إنذار ملء الإطارات، سيتم عرض شاشة ضغط هواء الإطار في مجموعة أجهزة القياس. إذا لم تومض أضواء الخطر في أثناء نفخ الإطار أو تفريغه، فقد يكون مستشعر نظام مراقبة ضغط هواء الإطارات في وضع التوقف عن العمل، ما يمنع تلقي إشارة مستشعر نظام مراقبة ضغط هواء الإطارات (TPMS). وفي هذه الحالة، قد يتطلب الأمر تحريك السيارة إلى الأمام أو الخلف قليلاً.

تشير أصوات آلة التنبيه إلى حالة إنذار ملء الإطارات القابل للتحديد (STFA) أثناء نفخ الإطارات/تفريغها. ستصدر آلة التنبيه صوت صافرة في حالات إنذار ملء الإطارات القابل للتحديد (STFA) الآتية:

1. ستصدر آلة التنبيه صوت صافرة مرة واحدة عند الوصول إلى الضغط المحدد لإعلامك بتوقيت التوقف عن نفخ الإطار أو تفريغه.
2. ستصدر آلة التنبيه صوت صافرة ثلاث مرات في حال النفخ الزائد أو التفريغ الزائد للإطار.
3. ستصدر آلة التنبيه صوت صافرة مرة واحدة مجددًا عند إضافة الهواء الكافي أو تفريغه للوصول إلى مستوى النفخ الصحيح.

أنظمة تثبيت الركاب

من أهم مميزات السلامة الموجودة في سيارتك أنظمة التثبيت والتي تتضمن:

ميزات أنظمة تثبيت الركاب

- أنظمة أحزمة الأمان
- أنظمة التثبيت الإضافي (SRS) - الوسائد الهوائية
- أنظمة تثبيت الأطفال

قد تمثل بعض ميزات الأمان الموضحة في هذا القسم معدات قياسية في بعض الطُرز، أو قد تكون معدات اختيارية في البعض الآخر. إذا كنت غير متأكد، فاسأل الوكيل المعتمد.

احتياطات السلامة الهامة

الرجاء الانتباه للمعلومات الواردة في هذا الجزء من الدليل. إنها تبين لك كيفية استعمال نظام ربط الأحزمة بصورة صحيحة للحفاظ على سلامتك وسلامة الركاب بأقصى قدر ممكن.

وفيما يلي بعض الخطوات البسيطة التي بإمكانك اتباعها لتقليل خطورة الإصابات من الوسادة الهوائية المنتفخة إلى أدنى حد ممكن:

1. يجب تثبيت إبزيم حزام الأمان دائمًا للأطفال الذين تبلغ أعمارهم 12 عامًا وأقل في المقعد الخلفي في السيارة المزوّدة بمقعد خلفي.

ملصق التحذير على واقي الشمس للراكب الأمامي

بدءًا من دورة مفتاح التشغيل التالية، لن يصدر نظام مراقبة ضغط هواء الإطارات (TPMS) إشارة صوتية أو يعرض رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى صيانة) في مجموعة أجهزة القياس ولكن ستبقى الشرطتان (--) في مكان قيم الضغط.

لإعادة تشغيل نظام مراقبة ضغط هواء الإطارات (TPMS)، استبدل مجموعات العجلات والإطارات الأربع (إطارات الطريق) بإطارات مزوّدة بمستشعرات نظام مراقبة ضغط هواء الإطارات (TPMS). قم بعد ذلك بقيادة السيارة لمدة 20 دقيقة بسرعة أعلى من 24 كم/ساعة (15 ميلاً/ساعة). سيصدر نظام مراقبة ضغط هواء الإطارات (TPMS) إشارة صوتية وسيومض "ضوء تحذير نظام مراقبة ضغط هواء الإطارات" لمدة 75 ثانية ثم ينطفئ. ستعرض مجموعة أجهزة القياس رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى صيانة) ثم ستعرض قيم الضغط بدلاً من الشرطتين. بدءًا من دورة التشغيل التالية، لن يتم عرض رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى صيانة) طالما لا يوجد عطل بالنظام.

إنذار ملء الإطارات

تعمل هذه الميزة على إخطار المستخدم عند الوصول إلى قيمة ضغط هواء الإطار الواردة على الملصق أثناء نفخ الإطار أو إفراغه من الهواء.

يستطيع العميل اختيار تعطيل ميزة إنذار ملء الإطارات أو تمكينها في قائمة التطبيقات الخاصة بنظام Uconnect.

ملاحظة:

- سيدعم نظام إنذار ملء الإطارات نفخ إطار واحد فقط أو تفريغه في المرة. يجب على المستخدم الانتظار حتى تتوقف مصابيح الخطر عن الوميض أو تنقضي 26 إلى 30 ثانية بعد الوصول إلى الضغط المطلوب في إحدى العجلات قبل الانتقال إلى الأخرى.
- لا يمكن الدخول إلى ميزة إنذار ملء الإطار في حالة وجود عطل "نشط" في نظام مراقبة ضغط هواء الإطارات (TPMS) أو إذا كان النظام في وضع إلغاء التنشيط (إذا كانت السيارة مزودة بذلك).

سيتم تنشيط النظام عندما يكتشف زيادة في ضغط هواء الإطار أثناء ملء الإطار. يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) مع وجود ناقل الحركة في وضع PARK (التوقف).

ملاحظة:

لا يلزم تشغيل المحرك للدخول إلى وضع إنذار ملء الإطار.

ستومض أضواء الخطر للتأكيد على أن السيارة في وضع إنذار ملء الإطار. إذا لم تومض أضواء الخطر في أثناء نفخ الإطار، فقد يكون مستشعر نظام مراقبة ضغط هواء الإطارات في وضع التوقف عن العمل، ما يمنع تلقي إشارة مستشعر نظام مراقبة ضغط هواء الإطارات (TPMS). وفي هذه الحالة، قد يتطلب الأمر تحريك السيارة إلى الأمام أو الخلف قليلاً.

عند الدخول إلى وضع إنذار ملء الإطارات، سيتم عرض شاشة عرض قيمة ضغط هواء الإطار في مجموعة أجهزة القياس.

التشغيل:

- ستصدر آلة التنبيه صوت صافرة مرة واحدة لإعلام المستخدم بوقت إيقاف ملء الإطار، عندما يصل إلى قيمة الضغط الموصى بها.
- ستصدر آلة التنبيه صوت صافرة ثلاث مرات إذا تم ملء الإطار بصورة زائدة، وسيستمر صدور الصافرة كل خمس ثوان إذا استمر المستخدم في نفخ الإطار.
- ستصدر آلة التنبيه صوت صافرة مرة أخرى عند إخراج الهواء الكافي للوصول إلى مستوى النفخ الصحيح.
- ستصدر آلة التنبيه أيضًا صوت صافرة ثلاث مرات إذا استمر نفخ الإطار بعد ذلك، وسيستمر صدور الصافرة كل خمس ثوان إذا واصل المستخدم تفريغ الإطار.

إنذار ملء الإطارات القابل للتحديد (STFA) — إذا كانت السيارة مزودة بذلك

يعد نظام إنذار ملء الإطارات القابل للتحديد (STFA) ميزة اختيارية يتم تضمينها كجزء من نظام إنذار ملء الإطار العادي. تم تصميم هذا النظام للسماح لك باختيار قيمة ضغط لنفخ أو تفريغ إطارات المحور الأمامي والخلفي للسيارة لتصل إليها، وتقديم ملاحظات أثناء نفخ إطارات السيارة أو تفريغها.

في تطبيق إنذار ملء الإطارات القابل للتحديد الموجود في قائمة التطبيقات لنظام Uconnect، ستتمكن من تحديد إعداد ضغط لمستويات ضغط إطارات كل من المحورين الأمامي والخلفي عن طريق التمرير عبر نطاق ضغط أكبر من أو يساوي 15 رطلاً لكل بوصة مربعة إلى XX رطلاً لكل بوصة مربعة بزيادات قدرها رطل واحد لكل بوصة مربعة لكل إعداد محور.

تحذير صيانة وحدة التحكم في السرعة الثابتة المهاينة (TPMS)

سيومض ضوء تحذير نظام مراقبة ضغط هواء الإطارات لمدة 75 ثانية، ثم يثبت على حالة الإضاءة عند اكتشاف عطل بالنظام. تصدر إشارة صوتية أيضًا عند اكتشاف خطأ بالنظام. ستعرض شاشة عرض مجموعة أجهزة القياس رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى صيانة) لمدة خمس ثوان على الأقل. ويتبع هذه الرسالة شكل رسومي، مع عرض "--" بدلاً من قيمة (قيم) الضغط للإشارة إلى مستشعر (مستشعرات) نظام مراقبة ضغط هواء الإطارات الذي لا يرسل إشارة.

في حالة تدوير مفتاح التشغيل، سيتكرر هذا التسلسل، معطيًا أن خطأ النظام لا يزال موجودًا. إذا اختفى عطل النظام، فلن يومض ضوء تحذير نظام مراقبة ضغط هواء الإطارات ولن يتم عرض رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى الصيانة) وسيتم عرض قيمة ضغط بدلاً من الشرطتين. يمكن أن يحدث عطل بالنظام نتيجة لأي مما يلي:

- التشويش بسبب الأجهزة الإلكترونية أو القيادة بالقرب من المنشآت التي تصدر عنها نفس الترددات اللاسلكية التي تصدرها مستشعرات نظام مراقبة ضغط هواء الإطارات (TPMS).
- وجود كم كبير من الثلج حول العجلات أو مبيتات العجلات.
- استخدام سلاسل الإطارات في السيارة.
- استخدام عجلات/إطارات غير مزودة بمستشعرات نظام مراقبة ضغط هواء الإطارات (TPMS).

ملاحظة:

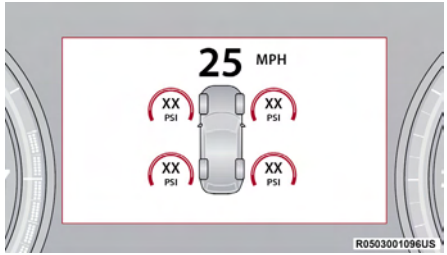
لا يوجد مستشعر لنظام مراقبة ضغط هواء الإطارات في الإطار الاحتياطي. ولن يمكن لنظام مراقبة ضغط هواء الإطارات (TPMS) مراقبة ضغط هواء الإطار. إذا قمت بتركيب الإطار الاحتياطي بدلاً من إطار طريق ضغطه منخفض عن الحد الخاص بالتحذير بشأن انخفاض ضغط الإطار، فسيبقى ضوء تحذير نظام مراقبة ضغط هواء الإطارات مضيئًا وستصدر إشارة صوتية وستستمر شاشة عرض مجموعة أجهزة القياس في عرض قيمة ضغط بلون مختلف في الشاشة الرسومية في الدورة التالية لمفتاح التشغيل وتظهر رسالة "Inflate to XX" (قم بنفخ الإطار إلى XX). بعد قيادة السيارة لمدة تصل إلى 20 دقيقة بسرعة أعلى من 24 كم/ساعة (15 ميلاً/ساعة)، سيومض ضوء تحذير نظام مراقبة ضغط هواء الإطارات لمدة 75 ثانية ثم يثبت في حالة الإضاءة. بالإضافة إلى ذلك، تعرض شاشة عرض مجموعة أجهزة القياس رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى صيانة) لمدة خمس ثوان ثم تعرض شرطتين (--) بدلاً من قيمة الضغط. بالنسبة إلى جميع الدورات التالية لمفتاح التشغيل، ستصدر إشارة صوتية ويومض ضوء تحذير نظام مراقبة ضغط هواء الإطارات لمدة 75 ثانية ثم يثبت في حالة الإضاءة وستعرض شاشة عرض مجموعة أجهزة القياس رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى صيانة) لمدة خمس ثوان ثم تعرض شرطتين (--) بدلاً من قيمة الضغط. بمجرد إصلاح أو استبدال إطار الطريق الأصلي وإعادة تركيبه في السيارة بدلاً من الإطار الاحتياطي، يتم تحديث نظام مراقبة ضغط هواء الإطارات (TPMS) أوتوماتيكيًا.

بالإضافة إلى ذلك، سينطفئ ضوء تحذير نظام مراقبة ضغط هواء الإطارات وستعرض الشاشة الرسومية في شاشة عرض مجموعة أجهزة القياس قيمة ضغط جديدة بدلاً من الشرطتين (--) ما دام لا يوجد ضغط هواء إطار أقل من الحد الخاص بالتحذير بشأن انخفاض ضغط هواء الإطار في أي من إطارات الطرق الأربعة المستخدمة. قد يلزم قيادة السيارة لمدة تصل إلى عشرين دقيقة بسرعة أعلى من 24 كم/ساعة (15 ميلاً/ساعة) لكي يتلقى نظام مراقبة ضغط هواء الإطارات (TPMS) هذه المعلومات.

تعطيل نظام مراقبة ضغط هواء الإطارات (TPMS) - إذا كانت السيارة مزودة بذلك

يمكن إلغاء تنشيط نظام مراقبة ضغط هواء الإطارات (TPMS) إذا كان سيتم استبدال مجموعات العجلات والإطارات الأربعة جميعًا (إطارات الطريق) بمجموعات عجلات وإطارات لا تشتمل على مستشعرات نظام مراقبة ضغط هواء الإطارات (TPMS)، كما يحدث عند تركيب مجموعات عجلات وإطارات الشتاء في سيارتك.

لإلغاء تنشيط نظام مراقبة ضغط هواء الإطارات (TPMS)، استبدل أولاً مجموعات العجلات والإطارات الأربعة (إطارات الطريق) بإطارات غير مزوّدة بمستشعرات نظام مراقبة ضغط هواء الإطارات. قم بعد ذلك، بقيادة السيارة لمدة 20 دقيقة بسرعة أعلى من 24 كم/ساعة (15 ميلاً/ساعة). سيصدر نظام مراقبة ضغط هواء الإطارات (TPMS) إشارة صوتية وسيومض "ضوء تحذير نظام مراقبة ضغط هواء الإطارات" لمدة 75 ثانية ثم يثبت على حالة الإضاءة. ستعرض مجموعة أجهزة القياس رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى صيانة) ثم ستعرض شرطتين (--) بدلاً من قيم الضغط.



شاشة عرض نظام مراقبة ضغط هواء الإطارات

ملاحظة:

ومن المهم بصورة خاصة فحص ضغط هواء الإطار بشكل منتظم والحفاظ على الضغط المناسب لها.

يتكون نظام مراقبة ضغط الإطارات مما يلي:

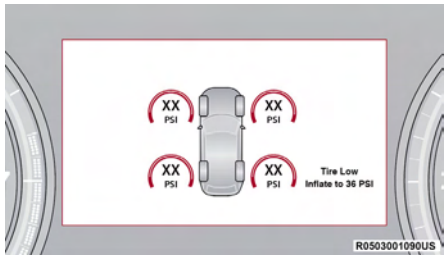
- وحدة الاستقبال
- أربعة مستشعرات لنظام مراقبة ضغط هواء الإطارات
- الرسائل المتنوعة لنظام مراقبة ضغط هواء الإطارات التي تظهر في مجموعة أجهزة القياس، والشاشة الرسومية التي تعرض قيم الضغط المختلفة للإطارات
- ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS)

تحذيرات انخفاض الضغط في نظام مراقبة ضغط هواء الإطارات

سيضيء ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS) في مجموعة أجهزة القياس وتصدر إشارة صوتية مسموعة عند انخفاض ضغط واحد أو أكثر من إطارات الطريق الأربعة المستخدمة. بالإضافة إلى ذلك، ستعرض مجموعة أجهزة القياس رسالة "Inflate to XX" (انفخ إلى XX) وشاشة عرض رسومية بقيمة (قيم) الضغط مع عرض قيمة الإطار (الإطارات) ذي الضغط المنخفض بلون مختلف ⇦ صفحة ١٠٢

ملاحظة:

يمكن ضبط النظام لعرض الضغط بوحدات رطل لكل بوصة مربعة أو بار أو كيلو باسكال.



شاشة عرض نظام مراقبة ضغط هواء الإطارات المنخفض

في حالة حدوث انخفاض في ضغط أي من إطارات الطريق الأربعة النشطة، يجب عليك التوقف بأسرع ما يمكن ونفخ الإطار (الإطارات) المنخفض الضغط الذي يعرض بلون مختلف على شاشة العرض الرسومية إلى ضغط الإطار البارد المُوصى به المعروض في رسالة "Inflate to XX" (قم بالنفخ إلى XX).

ملاحظة:

عند ملء الإطارات الدافئة، قد تكون هناك حاجة إلى زيادة ضغط هواء الإطار إلى 4 أرطال لكل بوصة مربعة (28 كيلوباسكال) إضافية أعلى من ضغط هواء الإطار البارد المُوصى به لإيقاف تشغيل ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS).

يقوم النظام بتحديث نفسه أوتوماتيكيًا وتعود شاشة العرض الرسومية التي تعرض قيمة (قيم) الضغط إلى لونها الأصلي وينطفئ ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS) بمجرد تلقي ضغط هواء الإطار المحدث. قد يتطلب الأمر قيادة السيارة لمدة تصل إلى 20 دقائق بسرعة أعلى من 15 ميلاً/الساعة (24 كم/ساعة) لتلقي هذه المعلومة.

سيتم تحديث النظام بصورة أوتوماتيكية وسينطفئ ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS) بمجرد استلام قيم ضغط الإطارات المحدثة. قد يتطلب الأمر قيادة السيارة لمدة تصل إلى عشرين دقيقة بسرعة أعلى من 15 ميلاً/الساعة (24 كم/ساعة) لتلقي هذه المعلومة.

على سبيل المثال، ضغط الإطار البارد الموصى به والموجود على ملصق سيارتك (المتوقفة لأكثر من ثلاث ساعات) هو 227 كيلو باسكال (33 رطلاً لكل بوصة مربعة). إذا كانت درجة الحرارة المحيطة هي 20 درجة مئوية (68 درجة فهرنهايت) وكان ضغط الإطار المقاس هو 193 كيلوباسكال (28 رطلاً في البوصة المربعة)، فسيؤدي انخفاض درجة الحرارة إلى -7 مئوية (20 فهرنهايت) إلى خفض ضغط الإطار إلى 165 كيلوباسكال (24 رطلاً في البوصة المربعة) تقريبًا. وضغط الإطار هذا منخفض بشكل يكفي لإضاءة ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS). قد تؤدي قيادة السيارة إلى ارتفاع ضغط هواء الإطارات إلى 193 كيلوباسكال (28 رطلاً لكل بوصة مربعة) تقريبًا، ولكن سيظل ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS) مضيئًا. في هذا الموقف، سينطفئ ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS) فقط بعد نفخ الإطارات إلى قيمة ضغط الإطار البارد المُوصى بها للسيارة.

تنبيه!

- تم تحسين نظام مراقبة ضغط هواء الإطارات (TPMS) بحيث يعمل في أفضل صورة له مع مكونات الإطارات والعجلات الأصلية. تم تحديد مستويات ضغط نظام مراقبة ضغط هواء الإطارات وتحذيراته وفقًا لحجم الإطار المزودة به سيارتك. قد يحدث تشغيل غير سليم للنظام أو تلف بالمستشعر عند استخدام معدات بديلة ليست بنفس الحجم أو النوع أو الشكل. إن مستشعر نظام مراقبة ضغط هواء الإطارات (TPMS) غير مصمم للاستخدام مع العجلات المتوفرة في سوق قطع الغيار وقد يساهم في إضعاف الأداء الإجمالي للنظام أو في إتلاف المستشعر. يُنصح العملاء باستخدام العجلات الأصلية من الجهة المُصنِّعة للمعدات الأصلية لضمان عمل ميزة نظام مراقبة ضغط هواء الإطارات (TPMS).
- قد يتسبب استخدام موانع تسرب الإطارات المباعة بالأسواق في تعطيل مستشعر نظام مراقبة ضغط هواء الإطارات (TPMS). بعد استخدام موانع تسرب الإطارات المتوفرة تجاريًا، يُوصى باصطحاب السيارة إلى الوكيل المعتمد ليقوم بفحص وظيفة المستشعر.
- بعد القيام بفحص أو ضبط ضغط الإطار، قم دائمًا بإعادة تركيب غطاء عمود الصمام. سيمنع ذلك دخول الرطوبة والأوساخ إلى عمود الإطار، ما قد يؤدي إلى تلف مستشعر نظام مراقبة ضغط هواء الإطارات.

ملاحظة:

- لا يغني نظام مراقبة ضغط هواء الإطارات (TPMS) عن إجراءات العناية العادية بالإطار أو صيانته كما أنه ليس معنيًا بتوفير تحذير عند حدوث تلف بالإطار.
- لا ينصح باستخدام نظام مراقبة ضغط هواء الإطارات (TPMS) كعداد لقياس ضغط هواء الإطار أثناء ضبط ضغط هواء الإطار.
- إن القيادة في وجود إطار به ضغط منخفض بشكل ملحوظ تسبب زيادة حرارة الإطار وقد تؤدي إلى تعطل الإطار. كما أن انخفاض ضغط هواء الإطار يقلل كفاءة الوقود وعمر مداس الإطار، وقد يؤثر على القدرة على قيادة السيارة وإيقافها.
- إن نظام مراقبة ضغط هواء الإطارات (TPMS) ليس بديلاً عن الصيانة الصحيحة للإطارات، ومن مسؤولية السائق الحفاظ على قيمة ضغط هواء الإطارات الصحيحة باستخدام مقياس ضغط إطارات دقيق حتى إذا لم يصل الانخفاض في ضغط هواء الإطارات إلى المستوى الذي يؤدي إلى إضاءة ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS).
- وتؤثر تغيرات درجة الحرارة الموسمية على ضغط الإطار، وسيراقب نظام مراقبة ضغط هواء الإطارات (TPMS) ضغط الإطار الفعلي.

يستخدم نظام مراقبة ضغط هواء الإطارات (TPMS) تقنية لاسلكية مع مستشعرات إلكترونية مركبة على العجلة المعدنية الداخلية لمراقبة مستويات ضغط هواء الإطارات. حيث تنقل المستشعرات المثبتة على كل عجلة كجزء من الصمام قراءاتها لضغط الإطار إلى وحدة الاستقبال.

تحذير!
نظام فرامل طوارئ المشاة (PEB) غير مخصص لتجنب التصادم بنفسه، ولا يمكن لنظام فرامل طوارئ المشاة (PEB) اكتشاف كل نوع من أنواع التصادمات المحتملة بأحد المشاة/راكب الدراجة. والسائق مسؤول عن تجنب التصادم عن طريق التحكم في السيارة بالضغط على الفرامل وتوجيه السيارة. يترتب على عدم اتباع هذا التحذير حدوث إصابات خطيرة أو الوفاة.

تشغيل تحذير التصادم الأمامي (PEB) أو إيقاف تشغيله

ملاحظة:

الحالة الافتراضية لنظام فرامل طوارئ المشاة (PEB) هي "On" (التشغيل). وهذا يتيح للنظام تحذيرك من التصادم الأمامي المحتمل بالمشاة/الدرّاجين.

يوجد زر تحذير التصادم الأمامي (PEB) في شاشة نظام Uconnect في إعدادات مفاتيح التحكم ⇦ صفحة ٢٠٣.

لإيقاف تشغيل نظام فرامل طوارئ المشاة، اضغط على زر Pedestrian Emergency Braking (فرامل طوارئ المشاة) مرة واحدة.

لتشغيل نظام فرامل طوارئ المشاة (PEB) مرة أخرى، اضغط على زر Pedestrian Emergency Braking (فرامل طوارئ المشاة) مرة أخرى.

ويؤدي تغيير حالة نظام فرامل طوارئ المشاة (PEB) إلى إيقاف التشغيل إلى إلغاء تنشيط النظام، وبذلك لن يتوفر أي تحذير أو فرامل نشطة في حال وجود تصادم محتمل بالمشاة/الدرّاجين.

ملاحظة:

سيحتفظ نظام فرامل طوارئ المشاة (PEB) بآخر إعداد اختاره السائق بعد إيقاف تشغيل قرص التشغيل. لن تتم إعادة ضبط النظام على الإعداد الافتراضي عند إعادة تشغيل السيارة.

نظام المساعدة على منع التصادم في تقاطعات الطرق (ICA) - إذا كانت السيارة مزودة بذلك

يستخدم نظام المساعدة على منع التصادم في تقاطعات الطرق (ICA) ثلاثة مستشعرات رادار أمامية توجد في الواجهة الأمامية/المصد لاكتشاف السيارات القادمة من الأمام أو الجانب عند عبور تقاطع طرق. عندما يحدد النظام احتمالية حدوث تصادم عند الاستدارة عبر حركة المرور القادمة، سيحاول النظام تخفيف التصادم المحتمل عن طريق خفض سرعة السيارة. عندما يحدد النظام احتمالية حدوث تصادم مع سيارة عابرة، قد يستخدم النظام فرملة إضافية لإكمال إدخال فرملة السائق لمحاولة تخفيف التصادم المحتمل. كما يوفر النظام تحذيرات صوتية ومرئية (تظهر في مجموعة أجهزة القياس). إذا حدد السائق ضرورة زيادة السرعة لتجنب التصادم، فسيقوم نظام المساعدة على منع التصادم في تقاطعات الطرق (ICA) بإلغاء الضغط على دواسة الوقود.

نظام مراقبة ضغط هواء الإطارات (TPMS)

يحذر نظام مراقبة ضغط هواء الإطارات (TPMS) السائق من انخفاض ضغط هواء الإطار بناءً على ضغط هواء الإطار البارد الموصى به.

يختلف ضغط الإطارات تبعًا لدرجة الحرارة بمقدار 1 رطل لكل بوصة مربعة (7 كيلوباسكال) تقريبًا لكل 6.5 درجات مئوية (12 درجة فهرنهايت). ويعني ذلك أنه عند انخفاض درجة الحرارة الخارجية، ينخفض ضغط الإطار. يجب أن يكون ضغط الإطار دائمًا مضبوطًا استنادًا إلى ضغط الإطار البارد. ويُعرف ضغط هواء الإطار البارد على أنه ضغط هواء الإطار بعد مرور ثلاث ساعات من عدم قيادة السيارة على الأقل، أو قيادتها لأقل من 1 ميل (1.6 كم) بعد فترة ثلاث ساعات. يزداد ضغط هواء الإطار أيضًا مع قيادة السيارة وهذا الأمر طبيعي ولا يجب القيام بأية عمليات ضبط لهذا الضغط الزائد.

للحصول على معلومات حول كيفية نفخ إطارات السيارة بصورة صحيحة، راجع ⇦ صفحة ٣٦٨.

يحذر نظام مراقبة ضغط هواء الإطارات (TPMS) السائق من انخفاض ضغط أحد الإطارات إذا انخفض ضغط هواء الإطار عن الحد الخاص بتحذير انخفاض ضغط هواء الإطار لأي سبب بما في ذلك تأثيرات انخفاض درجة الحرارة وفقدان الإطار للضغط العادي له.

يستمر نظام مراقبة ضغط الإطارات في تحذير السائق بانخفاض ضغط الإطار طالما تواجدت نفس الظروف، ولن يتوقف حتى يصل ضغط الإطار إلى ضغط الإطار البارد المُوصى به أو أعلى من ذلك. بمجرد إضاءة ضوء تحذير انخفاض ضغط هواء الإطار، يجب زيادة ضغط الإطار إلى ضغط هواء الإطار البارد المُوصى به حتى ينطفئ مصباح تحذير نظام مراقبة ضغط هواء الإطارات (TPMS).

ملاحظة:

عند ملء الإطارات الدافئة، قد تكون هناك حاجة إلى زيادة ضغط هواء الإطار إلى 4 أرطال لكل بوصة مربعة (28 كيلوباسكال) إضافية أعلى من ضغط هواء الإطار البارد المُوصى به لإيقاف تشغيل ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS).

ملاحظة:

- يعمل تغيير حالة تحذير بشأن التصادم الأمامي (FCW) إلى "تحذير فقط" على منع النظام من توفير فرامل نشطة محدودة أو توفير دعم فرامل إضافي إذا لم يقم السائق بالفرملة بالصورة الكافية في حالة وجود تصادم أمامي محتمل، ولكن مع الحفاظ على التحذيرات الصوتية والمرئية.
- يعمل تغيير حالة تحذير بشأن التصادم الأمامي (FCW) إلى "Off" (إيقاف التشغيل) على منع النظام من توفير فرامل مستقلة أو دعم فرامل إضافي إذا لم يقم السائق بالفرملة بالصورة الكافية في حالة وجود تصادم أمامي محتمل.
- لن يحتفظ النظام بآخر إعداد حدده السائق بعد إيقاف تشغيل مفتاح التشغيل. ستتم إعادة ضبط النظام إلى إعداد الحساسية "متوسط" وحالة النظام "التحذير والفرامل" عند إعادة تشغيل السيارة.
- وقد لا يستجيب تحذير التصادم الأمامي (FCW) للأجسام غير ذات الصلة مثل الأجسام العلوية أو انعكاسات الأرض أو الأجسام التي لا تتواجد في مسار السيارة أو الأجسام الثابتة البعيدة أو السيارات القادمة أو السيارات المتقدمة التي تكون لها نفس السرعة أو سرعة أعلى.
- سيتم تعطيل تحذير التصادم الأمامي (FCW) مثل وحدة التحكم في السرعة الثابتة المهايئة (ACC) مع عدم توفر الشاشات.

تحذير التصادم الأمامي (FCW) المقيد

إذا عرضت شاشة عرض مجموعة أجهزة القياس "ACC/FCW Limited Functionality" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي ذو وظيفة مقيدة) أو "ACC/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي) لفترة وجيزة، فقد تكون هناك حالة تقيد وظيفة تحذير التصادم الأمامي (FCW). وعلى الرغم من أن السيارة تظل قابلة للقيادة في ظل الظروف العادية، فقد لا تكون الفرامل النشطة متاحة بالكامل. بمجرد انقضاء الظرف الذي يقيد أداء النظام، سوف يستعيد النظام حالة الأداء الكاملة له. إذا استمرت المشكلة، فراجع الوكيل المعتمد.

صيانة تحذير التصادم الأمامي

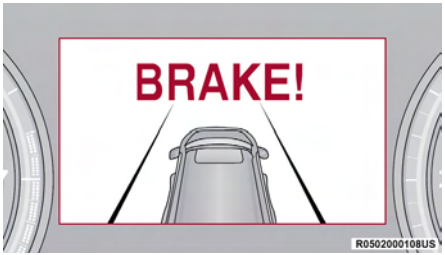
إذا توقف النظام، وعرضت شاشة عرض مجموعة أجهزة القياس الرسالة التالية:

- ACC/FCW Unavailable Service Required (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي غير متوفر، يلزم إجراء الصيانة)
- Cruise/FCW Unavailable Service Required (السرعة الثابتة/تحذير التصادم الأمامي غير متوفر، يلزم إجراء الصيانة)

يشير هذا إلى وجود عطل داخلي بالنظام. ورغم إمكانية قيادة السيارة في الظروف العادية، قم بفحص النظام بواسطة وكيل معتمد.

فرامل طوارئ المشاة (PEB)

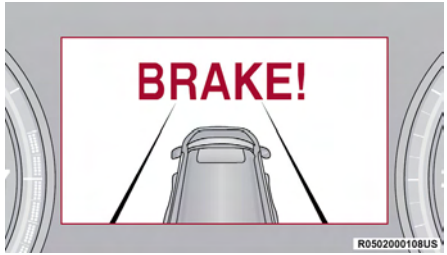
فرامل طوارئ المشاة (PEB) عبارة عن نظام فرعي لنظام تحذير التصادم الأمامي (FCW) والذي يوفر للسائق تحذيرات صوتية وتحذيرات مرئية في شاشة عرض مجموعة أجهزة القياس. وقد يستخدم الفرامل الأوتوماتيكية المحدودة عندما يكتشف احتمالية وقوع تصادم أمامي مع أحد المشاة/الدرّاجين.



رسالة تحذير التصادم الأمامي (PEB)

إذا بدأ حادث نظام فرامل طوارئ المشاة (PEB) على سرعة أقل من 62 كم/الساعة (39 ميلاً/الساعة)، فقد يوفر النظام الفرملة القصوى للتقليل من احتمال التصادم بأحد المشاة/الدرّاجين. إذا أوقف حادث فرامل طوارئ المشاة السيارة بالكامل، فسيقوم النظام بإيقاف السيارة تمامًا لمدة ثانيتين ثم يحرر الفرامل. عندما يحدد النظام أن التصادم بأحد المشاة/الدرّاجين أمامك لم يعد محتملاً، سيتم إلغاء تنشيط رسالة التحذير.

سرعة الحد الأدنى لتنشيط تحذير التصادم الأمامي (PEB) هي 3 أميال/الساعة (5 كم/ساعة).



رسالة تحذير التصادم الأمامي (FCW)

عند تحديد النظام لعدم وجود احتمال بوقوع تصادم مع السيارة التي أمامك، يتم إلغاء تنشيط رسالة التحذير.

ملاحظة:

- سرعة الحد الأدنى لتنشيط تحذير التصادم الأمامي (FCW) هي 3 أميال/الساعة (5 كم/ساعة).
- قد تنطلق تنبيهات تحذير التصادم الأمامي (FCW) عند اكتشاف أجسام أخرى غير السيارات، مثل قضبان الحماية أو أعمدة الإشارة استنادًا إلى التنبؤ بالمسار. وهذا أمر متوقع ويعد جزء من عملية تنشيط رسالة تحذير التصادم الأمامي (FCW) الطبيعية وعملية تشغيلها.
- يعد اختبار نظام تحذير التصادم الأمامي (FCW) أمرًا غير آمن. لمنع مثل هذا الاستخدام الخاطئ للنظام، بعد أربعة أحداث فرامل نشطة خلال دورة تشغيل واحدة، سيتم إلغاء تنشيط جزء الفرامل النشطة من نظام تحذير التصادم الأمامي (FCW) حتى دورة التشغيل التالية.
- تم تصميم نظام تحذير التصادم الأمامي (FCW) للاستخدام على الطرق الممهدة فقط. وفي حالة سير السيارة على طريق غير ممهد، يجب إلغاء تنشيط نظام تحذير التصادم الأمامي (FCW) لتجنب التحذيرات غير الصحيحة إزاء الأشياء المحيطة. في حال دخول السيارة في وضع 4WD Low (الدفع الرباعي المنخفض)، سيتم إلغاء تنشيط نظام تحذير التصادم الأمامي (FCW) أوتوماتيكيًا.

تحذير!
لا يعني ظهور رسالة تحذير التصادم الأمامي (FCW) أن السيارة ستتجنب وقوع التصادم من تلقاء نفسها، كما لا يمكن لتحذير التصادم الأمامي (FCW) اكتشاف كل أنواع التصادمات المحتملة. والسائق مسؤول عن تجنب التصادم عن طريق التحكم في السيارة بالضغط على الفرامل وتوجيه السيارة. يترتب على عدم اتباع هذا التحذير حدوث إصابات خطيرة أو الوفاة.

حالة وحساسية فرملة تحذير بشأن التصادم الأمامي (FCW)

يمكن برمجة حساسية تحذير التصادم الأمامي (FCW) والفرامل النشطة من خلال نظام Uconnect ⇦ صفحة ٢٠٣.

الإعداد الافتراضي للحساسية تحذير بشأن التصادم الأمامي (FCW) هو الإعداد "المتوسط" وحالة النظام هي "التحذير والفرملة". ويتيح هذا للنظام تحذير السائق من التصادم المحتمل مع السيارة التي أمامه باستخدام تحذيرات صوتية/مرئية كما أنه يستخدم الفرامل المستقلة.

يتيح تغيير حالة تحذير التصادم الأمامي (FCW) إلى الإعداد "Far" (بعيد) للنظام القيام بتحذير السائق من التصادم المحتمل مع السيارة التي أمامه باستخدام تحذير صوتي/مرئي عندما يكون الأخير على مسافة أبعد من الإعداد "Medium" (متوسط). يوفر هذا الوقت الكافي لرد الفعل لتفادي وقوع تصادم محتمل.

ملاحظة:

قد يؤدي الإعداد "Far" (بعيد) إلى ظهور عدد أكبر من تحذيرات التصادم المحتملة الصادرة من نظام تحذير التصادم الأمامي (FCW)

يتيح تغيير حالة تحذير التصادم الأمامي (FCW) إلى الإعداد "Near" (قريب) تحذير السائق من التصادم المحتمل مع السيارة التي أمامه عندما تكون المسافة الفاصلة بينه وبين هذه السيارة قريبة جدًا. وهذا الإعداد يتيح لك وقت استجابة أقل مما يتيحه لك الإعداد "Far" (بعيد) والإعداد "Medium" (متوسط)، والذي يسمح بتجربة قيادة أكثر ديناميكية.

ملاحظة:

قد يؤدي الإعداد "Near" (قريب) إلى ظهور عدد أقل من تحذيرات التصادم المحتملة الصادرة من نظام تحذير التصادم الأمامي (FCW).

أوضاع النقاط الخفية

تتوافر ثلاثة أوضاع قابلة للتحديد من أوضاع التشغيل في نظام Uconnect ⇦ صفحة ٢٠٣.

مصابيح تنبيه النقاط الخفية فقط

عند تشغيل السيارة في وضع تنبيه النقاط الخفية، يقوم نظام مراقبة النقاط الخفية BSM بإصدار تنبيه مرئي في مرآة الرؤية الجانبية الملائمة اعتمادًا على الجسم الذي تم اكتشافه. ولكن عند تشغيل النظام في وضع مسار التقاطع الخلفي (RCP)، سوف يستجيب النظام بإصدار تنبيه مرئي وصوتي عند وجود جسم تم اكتشافه. عند ضرورة إصدار أي تنبيه صوتي، يتم كتم صوت الراديو.

الإشارة الصوتية/مصابيح تنبيه النقاط الخفية

عند تشغيل السيارة في وضع الأضواء/الإشارة الصوتية لتنبيه النقاط الخفية، يقوم نظام مراقبة النقاط الخفية BSM بإصدار تنبيه مرئي في مرآة الرؤية الجانبية الملائمة اعتمادًا على الجسم الذي تم اكتشافه. وفي حالة تنشيط إشارة الانعطاف عند ذلك، وتناسبها مع تنبيه موجود على ذلك الجانب من السيارة، يتم إصدار إشارة صوتية أيضًا. وعند وجود إشارة انعطاف وجسم تم اكتشافه على الجانب نفسه في الوقت نفسه، يتم إصدار كلا التنبيهين المرئي والصوتي. بالإضافة إلى التنبيه الصوتي، يتم كتم صوت الراديو (في حالة تشغيله).

ملاحظة:

وعند ضرورة إصدار تنبيه صوتي من خلال نظام BSM، يتم كتم صوت الراديو.

ولكن عند تشغيل النظام في وضع مسار التقاطع الخلفي (RCP)، يستجيب النظام بإصدار تنبيه مرئي وصوتي عند وجود جسم تم اكتشافه. عند ضرورة إصدار تنبيه صوتي، يتم خفض صوت الراديو. يتم تجاهل حالة إشارة الانعطاف/الخطر؛ حيث دائمًا ما تطلب حالة مسار التقاطع الخلفي (RCP) إصدار إشارة صوتية.

إيقاف تشغيل تنبيه النقاط الخفية

عند إيقاف تشغيل نظام مراقبة النقاط الخفية (BSM)، لن يصدر نظام مراقبة النقاط الخفية (BSM) أو مسار التقاطع الخلفي (RCP) أي تنبيهات مرئية أو صوتية.

ملاحظة:

يقوم نظام BSM بتخزين وضع التشغيل الحالي عند إيقاف تشغيل السيارة. وفي كل مرة يتم فيها تشغيل السيارة، يتم استدعاء الوضع الذي سبق تخزينه ويصبح قيد الاستخدام.

تحذير التصادم الأمامي (FCW) مع نظام التخفيف

يقدم نظام تحذير التصادم الأمامي (FCW) مع نظام التخفيف للسائق تحذيرات صوتية وتحذيرات مرئية (في شاشة عرض مجموعة أجهزة القياس) وقد يستخدم اهتزاز الفرامل لتحذير السائق عندما يكتشف احتمالية حدوث تصادم أمامي. تهدف التحذيرات والفرملة المحدودة إلى توفير الوقت الكافي للسائق ليقوم برد الفعل وتفادي التصادم المحتمل أو ليخفف من وقعه.

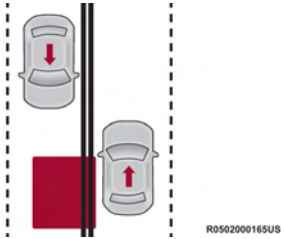
ملاحظة:

يراقب نظام تحذير التصادم الأمامي (FCW) المعلومات الواردة من المستشعرات الأمامية وأيضًا أداة التحكم في الفرامل الإلكترونية (EBC) لحساب احتمالية حدوث تصادم أمامي. عندما يقرر النظام احتمالية حدوث تصادم أمامي، سيتم تقديم تحذيرات صوتية ومرئية للسائق وقد يتم تقديم تحذير اهتزاز الفرامل. إذا لم يقم السائق باتخاذ إجراء وفقًا لهذه التحذيرات التدريجية، فسوف يقوم النظام بتوفير مستوى محدود من الفرملة النشطة للمساعدة في إبطاء السيارة وتخفيف احتمالية حدوث تصادم أمامي. أما إذا قام السائق باتخاذ إجراء حيال التحذيرات عن طريق الفرملة، فسوف يقرر النظام أن السائق يهدف إلى تفادي التصادم بالفرملة ولكنه لم يستخدم قوة الفرملة الكافية لذا سوف يعوض النظام ذلك ويوفر قوة فرملة إضافية حسبما يلزم.

إذا بدأ حدث تحذير التصادم الأمامي (FCW) مع نظام التخفيف على سرعة أقل من 62 كم/ساعة (39 ميلاً/الساعة)، فإن النظام يوفر أقصى فرملة أو فرملة جزئية للتخفيف من التصادم الأمامي المحتمل. إذا أوقف حادث تحذير التصادم الأمامي مع نظام التخفيف السيارة تمامًا، فسيقوم النظام بإيقاف السيارة تمامًا لمدة ثانيتين ثم يحرر الفرامل.

لم يتم تصميم نظام مراقبة النقاط الخفية (BSM) لإصدار تنبيه بخصوص الأشياء الثابتة مثل اللافتات والقوائم والحوائط والصفائح والحواف، وغيرها. ومع ذلك، فقد يصدر النظام تنبيهًا لتلك الأشياء في بعض الأحيان. هذا أمر عادي في السيارة ولا تحتاج سيارتك إلى صيانة.

لا يصدر نظام BSM تنبيهًا حول الأشياء المتحركة في الاتجاه المعاكس للسيارة في الحارات المجاورة.



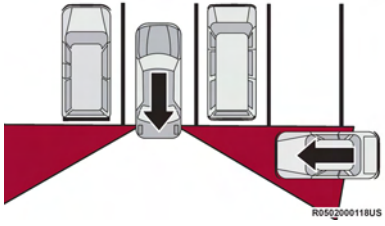
حركة المرور العكسية

تحذير!

إن نظام مراقبة النقاط الخفية يعد وسيلة للمساعدة في اكتشاف الأشياء الموجودة في مناطق النقاط غير المرئية. ولم يتم تصميم نظام BSM لاكتشاف المشاة أو راكبي الدراجات أو الحيوانات. حتى في حالة تزويد سيارتك بنظام مراقبة النقاط الخفية (BSM)، احرص دائمًا على التحقق من مرايا السيارة والنظر من فوق الكتف واستخدام إشارة الانعطاف قبل تغيير الحارات. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

مسار التقاطع الخلفي (RCP)

تم تصميم ميزة مسار التقاطع الخلفي (RCP) لمساعدة السائق عند الرجوع بالسيارة للخروج من أماكن الوقوف حيث قد تتعذر رؤيتهم للسيارات القادمة. تحرك ببطء وحرص عند الخروج من مكان الوقوف حتى تظهر مؤخرة السيارة. سيحصل نظام مسار التقاطع الخلفي (RCP) حينئذٍ على رؤية واضحة للمرور المتقاطع وينبه السائق في حالة اكتشاف سيارة قادمة.



مناطق اكتشاف مسار التقاطع الخلفي

يراقب مسار التقاطع الخلفي (RCP) مناطق الاكتشاف الخلفية على كلا جانبي السيارة، بالنسبة للأشياء التي تتحرك باتجاه جانب السيارة بسرعة 8 كم/ساعة (5 أميال/ساعة) تقريبًا كحد أدنى، والأشياء التي تتحرك بسرعة تبلغ نحو 32 كم/ساعة (20 ميلًا/ساعة) تقريبًا كحد أقصى، كما هو الحال في مواقف السيارات.

ملاحظة:

في موقف السيارات، قد تتعذر رؤية السيارات القادمة بسبب السيارات الواقفة على أي من الجانبين. فإذا تعرضت المستشعرات للإعاقة بسبب تكوينات أو سيارات أخرى، فلن يتمكن النظام من تنبيه السائق.

عند تشغيل نظام RCP وتواجد السيارة في وضع الرجوع إلى الخلف، يتم تنبيه السائق باستخدام كلا الإنذارين المرئي والصوتي، مع خفض صوت الراديو.

تحذير!

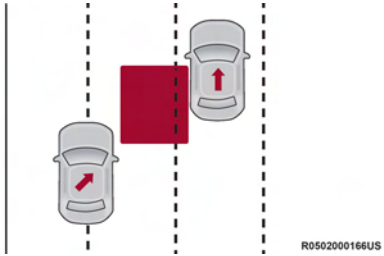
لا يعد نظام اكتشاف مسار التقاطع الخلفي (RCP) نظامًا مساعدًا للرجوع إلى الخلف. فهو مصمم لاستخدامه في مساعدة السائق على اكتشاف السيارات القادمة في موقف السيارات. يجب أن يتوخى سائقو السيارات الحرص عند الرجوع للخلف حتى عند استخدام نظام مسار التقاطع الخلفي (RCP). قم دائمًا بفحص منطقة خلف السيارة بحرص، وانظر خلفك وتأكد من عدم وجود مشاة أو سيارات أخرى أو عوائق ومناطق غير مرئية قبل الرجوع للخلف. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

ضوء تحذير نظام مراقبة ضغط هواء الإطارات (BSM)

يقوم نظام مراقبة النقاط الخفية (BSM) بمراقبة منطقة الاكتشاف من ثلاث نقاط دخول مختلفة (الجانب، الخلف، الأمام) أثناء القيادة لتحديد ما إذا كانت هناك ضرورة للتنبيه. ويصدر النظام تنبيهًا صوتيًا خلال هذه الأنواع من دخول المناطق.

الدخول من الجانب

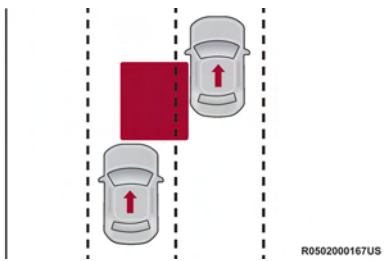
السيارات التي تدخل للحارات المجاورة لك من أحد جانبي السيارة.



مراقبة الجانب

الدخول من الخلف

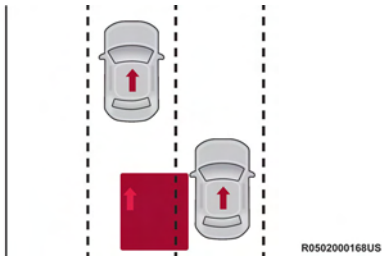
السيارات التي تأتي من خلف السيارة على أحد الجانبين وتدخل منطقة الاكتشاف الخلفية بسرعة نسبية تقل عن 54 كم/ساعة (33 ميلاً/ساعة). ستتلقى السيارات التي تقترب بسرعة تنبيها مبكرًا بناءً على السرعة النسبية.



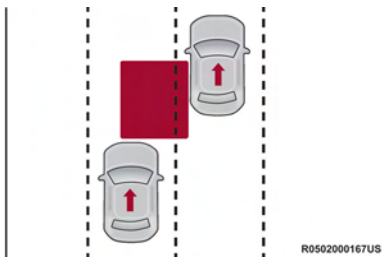
مراقبة الخلف

اللحاق بالمرور

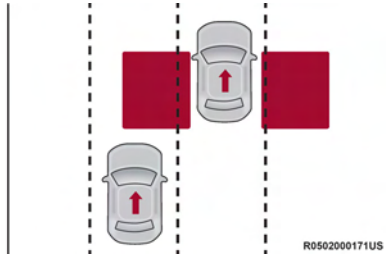
إذا تخطيت سيارة أخرى ببطء (بسرعة نسبية تقل عن 24 كم/ساعة (13 ميلاً/ساعة)، فسيضيء ضوء التحذير. وإذا تجاوز الفرق في السرعة بين السيارتين 24 كم/ساعة (13 ميلاً/ساعة)، فلن يتم تشغيل ضوء التحذير.



اللحاق/الاقتراب



اللحاق/التجاوز



مناطق الاكتشاف الخلفية

عند تشغيل السيارة، يعمل ضوء تحذير نظام مراقبة النقاط الخفية (BSM) للحظات في كل من مرآتي الرؤية الخلفية الخارجية لإعلام السائق بعمل النظام. تعمل مستشعرات نظام مراقبة النقاط الخفية (BSM) عندما تكون السيارة في أي ترس أمامي.

تغطي منطقة اكتشاف مراقبة النقاط الخفية (BSM) حارة واحدة من حيث العرض تقريبًا على كلّ من جانبي السيارة بمسافة 3.8 أمتار (12 قدمًا). يبدأ طول المنطقة من جانب السيارة بالقرب من العمود الفاصل بين النوافذ B ويمتد لنحو 3 أمتار (10 أقدام) بعد المصد/الواجهة الخلفية للسيارة. يعمل نظام مراقبة النقاط الخفية (BSM) على مراقبة مناطق الاكتشاف على جانبي السيارة عندما تبلغ سرعة السيارة 11 كم/ساعة (7 أميال/الساعة) تقريبًا أو أعلى ويعمل على تنبيه السائق في هذه المناطق. يُنبه نظام مراقبة النقاط الخفية (BSM) في وقت مبكر بالسيارات التي تقترب بسرعة — بفارق يصل إلى 54 كم/ساعة (33 ميلاً/ساعة).

ملاحظة:

لا تتغير منطقة اكتشاف نظام مراقبة النقاط الخفية (BSM) في حالة سحب سيارتك لمقطورة. لذا، يجب التحقق بالعين من الحارة المجاورة بالنسبة لسيارتك والمقطورة قبل تغيير الحارة. في حال تجاوز المقطورة أو جسم آخر (دراجة هوائية أو معدّة رياضية) جانب السيارة، فقد تنتج من ذلك اكتشافات خاطئة عشوائية في المقطورة وصافرات خاطئة عند استخدام إشارة الانعطاف ⇦ صفحة ٢٠٣.

قد يتم حظر تشغيل نظام مراقبة النقاط الخفية (BSM) في حال تراكم الثلج أو الجليد أو الوحل أو غيرها من ملوثات الطريق على المصد الخلفي/الواجهة الخلفية حيث توجد مستشعرات الرادار. وقد يكتشف النظام عائقًا أيضًا إذا كانت السيارة تسير في مناطق ينخفض فيها موقع الموجة الرادارية المرتدة للغاية مثل الصحراء أو المناطق المتوازية مع منحدرات عالية. إذا تم اكتشاف العائق، فسيتم عرض رسالة "Blind Spot Temporarily Unavailable, Sensor Blocked" (النقاط الخفية غير متوفرة مؤقتًا، تم حجب المستشعر) في مجموعة أجهزة القياس وسيضيء ضوءا المرآتين ولن تصدر تنبيهات نظام مراقبة النقاط الخفية (BSM) ونظام مسار التقاطع الخلفي (RCP). هذا أمر عادي. سيستعيد النظام تلقائيًا وضعه الطبيعي ويتابع العمل عند العودة إلى الظروف الطبيعية أو عند حدوث دورة تشغيل. للتخفيف من حظر النظام، لا تحجب منطقة المصد الخلفي/الواجهة الخلفية حيث توجد مستشعرات الرادار بواسطة أجسام غريبة (مثل الملصقات على المصد وحوامل الدراجات، الخ) وحافظ على خلوها من ملوثات الطريق.

موقع المستشعرات (عرض الجانب الأيسر)

يقوم نظام مراقبة النقاط الخفية بإعلام السائق بالأشياء الموجودة في مناطق الاكتشاف من خلال تشغيل ضوء تحذير نظام مراقبة النقاط الخفية (BSM) الموجود في المرايا الخارجية. بالإضافة إلى ذلك، عند تنشيط إشارة الانعطاف أثناء التنبيه في جانب السيارة المناظر للإنذار، يمكن سماع صوت تنبيه صوتي (صافرة). أثناء هذا الإنذار الصوتي (الصافرة)، سيتم خفض مستوى صوت الراديو ⇦ صفحة ٢٦٩.

- سيضيء رمز مجموعة أجهزة القياس وضوء المفتاح وتظل الإضاءة ثابتة عندما يتم تمكين نظام التحكم في تحديد السرعة (SSC) أو تنشيطه. يعتبر هذا الوضع هو وضع التشغيل العادي لنظام التحكم في النزول من على المرتفعات (SSC).
- سيومض رمز مجموعة أجهزة القياس وضوء المفتاح لعدة ثوان ثم ينطفئ عندما يضغط السائق على مفتاح نظام التحكم في تحديد السرعة (SSC) لكن لا يتم الوفاء بشروط التمكين.
- سيومض رمز مجموعة أجهزة القياس وضوء المفتاح لعدة ثوان ثم ينطفئ عند تعطيل نظام التحكم في تحديد السرعة (SSC) بسبب فرط السرعة.
- سيومض رمز مجموعة أجهزة القياس وضوء المفتاح، ثم ينطفئ عند إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC) نتيجة لارتفاع حرارة الفرامل.

تحذير!

إن نظام التحكم في تحديد السرعة (SSC) مخصص فقط لمساعدة السائق في التحكم في سرعة السيارة أثناء القيادة على الطرق غير الممهدة. وعلى السائق أن يبقى منتبهًا لظروف القيادة ويعتبر مسؤولاً عن الحفاظ على سرعة آمنة للسيارة.

نظام التحكم في الجر (TCS)

يراقب نظام التحكم في الجر (TCS) مقدار الدوران لكل عجلة. إذا تم اكتشاف دوران العجلة، فسوف يقوم نظام التحكم في الجر (TCS) بتطبيق ضغط الفرامل على العجلة (العجلات) المنزلقة و/أو تقليل طاقة المحرك لتوفير تسارع واستقرار أكبر. وهناك ميزة في نظام التحكم في الجر (TCS)، القفل التفاضلي للفرامل (BLD)، تعمل بصورة مشابهة للتروس التفاضلية محدودة الانزلاق وتتحكم في دوران العجلة عبر محور الدوران المستعمل. في حالة دوران إحدى العجلات على محور دوران مُشغل بشكل أسرع من الآخر، سيقوم النظام باستعمال فرامل العجلة الدائرة. وسيتيح ذلك بذل مزيد من طاقة المحرك على العجلة التي لا تدور. قد يظل القفل التفاضلي للفرامل (BLD) ممكنًا حتى في حال وجود نظام التحكم الجر (TCS) ونظام التحكم في الاستقرار الإلكتروني (ESC) في أوضاع منخفضة.

وحدة التحكم في تأرجح المقطورة (TSC)

تستخدم وحدة التحكم في تأرجح المقطورة (TSC) مستشعرات في السيارة لاكتشاف وجود مقطورة متأرجحة بشكل غير طبيعي وتتخذ الإجراءات المناسبة لمحاولة إيقاف التأرجح. تنشط وحدة التحكم في تأرجح المقطورة أوتوماتيكيًا بمجرد اكتشاف مقطورة متأرجحة بشكل غير طبيعي.

ملاحظة:

لا يمكن لوحدة التحكم في تأرجح المقطورة إيقاف تأرجح جميع المقطورات. توخ الحذر دائمًا عند سحب مقطورة واتبع التوصيات الخاصة بوزن لسان المقطورة ⇦ صفحة ١٨٥.

عند عمل وحدة التحكم في تأرجح المقطورة (TSC)، سيومض ضوء مؤشر تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ضوء مؤشر العطل وقد تقل طاقة المحرك وقد تشعر باستخدام الفرامل على عجلات معينة لمحاولة إيقاف تأرجح المقطورة. يتم تعطيل وحدة التحكم في تأرجح المقطورة (TSC) عندما يكون برنامج الاستقرار الإلكتروني (ESC) في وضع "Partial Off" (الإيقاف الجزئي).

تحذير!

إذا نشطت وحدة التحكم في تأرجح المقطورة أثناء القيادة، فقم بإبطاء السيارة وتوقف عند أقرب موقع آمن واضبط حمولة المقطورة للتخلص من التأرجح الحادث بها.

أنظمة القيادة الإضافية

مراقبة النقاط الخفية (BSM)

يستخدم نظام مراقبة النقاط الخفية (BSM) مستشعرَي الرادار المتوفرَين داخل الواجهة الخلفية/المصد الخلفي، لاكتشاف السيارات التي تحمل رخصًا على الطريق السريع (السيارات والشاحنات والدراجات النارية وغيرها) والتي تدخل في مناطق النقاط الخفية من خلف السيارة/أمامها/جانبها.

تم تنشيط نظام التحكم في تحديد السرعة (SSC)

بمجرد تمكين نظام التحكم في تحديد السرعة (SSC) سوف يتم تنشيطه أوتوماتيكيًا بمجرد الوفاء بالشروط التالية:

- قيام السائق بتحرير صمام الاختناق.
- قيام السائق بتحرير الفرامل.
- وجود ناقل الحركة في أي تحديد بخلاف وضع PARK (التوقف).
- سرعة السيارة أقل من 32 كم/ساعة (20 ميلاً/الساعة).

السرعة المضبوطة لنظام التحكم في تحديد السرعة (SSC) يمكن للسائق تحديدها ويمكن ضبطها باستخدام نقل التروس +/-. علاوة على ذلك، يتم خفض السرعة المضبوطة لنظام التحكم في تحديد السرعة (SSC) عند صعود منحدر ويعتمد مستوى انخفاض السرعة المضبوطة على مدى ارتفاع المنحدر. يلخص ما يلي السرعات المضبوطة لنظام التحكم في تحديد السرعة (SSC):

السرعات المضبوطة والمستهدفة لنظام التحكم في النزول من المرتفعات (SSC)

- 1st (الترس الأول) = 1 كم/ساعة (0.6 أميال/ساعة)
- 2nd (الترس الثامن) = 2 كم/ساعة (1.2 أميال/ساعة)
- 3rd (الترس الثامن) = 3 كم/ساعة (1.8 أميال/ساعة)
- 4th (الترس الثامن) = 4 كم/ساعة (2.5 أميال/ساعة)
- 5th (الترس الثامن) = 5 كم/ساعة (3.1 أميال/ساعة)
- 6th (الترس الثامن) = 6 كم/ساعة (3.7 أميال/ساعة)
- 7th (الترس الثامن) = 7 كم/ساعة (4.3 أميال/ساعة)
- 8th (الترس الثامن) = 8 كم/ساعة (5 أميال/ساعة)
- 9th (الترس التاسع) = 9 كم/ساعة (5.6 أميال/ساعة) - إذا كانت السيارة مزودة بذلك
- REVERSE (الرجوع إلى الخلف) = 1 كم/ساعة (0.6 أميال/ساعة)
- NEUTRAL (اللاتعشيق) = 2 كم/ساعة (1.2 ميل/ساعة)
- PARK (التوقف) = يظل نظام التحكم في تحديد السرعة (SSC) مُمكنًا ولكنه غير نشط

ملاحظة:

- أثناء تشغيل نظام التحكم في تحديد السرعة (SSC)، يتم استخدام إدخال ذراع النقل لتحديد السرعة المطلوبة لنظام التحكم في تحديد السرعة (SSC)، ولن يتأثر الترس المحدد بواسطة ناقل الحركة. أثناء التحكم في تحديد السرعة (SSC) بصورة نشطة، سيتم نقل ناقل الحركة بصورة مناسبة للسرعة المضبوطة المحددة من قِبل السائق مع ظروف القيادة المناسبة.
- يتأثر أداء نظام التحكم في تحديد السرعة (SSC) بوضع Select-Terrain (تحديد التضاريس). قد يكون هذا الاختلاف واضحًا للسائق وقد يتم التنبؤ به كلما تغير مستوى الحدة.

تجاوز السائق:

قد يقوم السائق بتجاوز تنشيط نظام التحكم في تحديد السرعة (SSC) باستخدام صمام الاختناق أو الفرامل في أي وقت.

إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC)

سيتم إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC) ولكن سيظل متاحًا في حالة حدوث أي من الحالات التالية:

- قام السائق بتجاوز السرعة المضبوطة لنظام التحكم في تحديد السرعة (SSC) باستخدام صمام الاختناق أو الفرامل
- تجاوزت سرعة السيارة 32 كم/ساعة (20 ميلاً/ساعة) ولكنها ظلت أقل من 64 كم/ساعة (40 ميلاً/ساعة)
- تم نقل السيارة لوضع التوقف

تعطيل نظام التحكم في تحديد السرعة (SSC)

سيتم إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC) ويصبح معطلاً في حالة حدوث أي من الحالات التالية:

- قيام السائق بالضغط على مفتاح SSC.
- نقل مجموعة القيادة خارج نطاق 4WD LOW (الدفع الرباعي المنخفض).
- تم استخدام فرامل التوقف.
- يتم فتح باب السائق.
- قيادة السيارة بسرعة أكبر من 32 كم/ساعة (20 ميلاً/الساعة) لمدة تزيد عن 70 ثانية.
- قيادة السيارة بسرعة أكبر من 64 كم/ساعة (40 ميلاً/الساعة) (يتم الخروج من نظام التحكم في النزول من على المرتفعات (SSC) فورًا).

ملاحظات للسائق:

تحتوي مجموعة أجهزة القياس على رمز SSC ومفتاح SSC والذي يحتوي على مصباح LED والذي يوفر ملاحظات للسائق حول الحالة التي يتواجد عليها نظام التحكم في تحديد السرعة (SSC).

تعطيل مساعد بدء التشغيل على المرتفعات وتمكينه

يمكن تشغيل هذه الميزة أو إيقاف تشغيلها. لتغيير الإعداد الحالي، قم بما يلي:

- في حال تعطيل مساعد بدء التشغيل على المرتفعات (HSA) باستخدام شاشة مجموعة أجهزة القياس، راجع صفحة ١٠٢ لمزيد من المعلومات.
- في حال تعطيل مساعد بدء التشغيل على المرتفعات (HSA) باستخدام إعدادات Uconnect، راجع صفحة ٢٠٣ لمزيدٍ من المعلومات.

السحب مع استخدام مساعد بدء التشغيل على المرتفعات

كما يوفر نظام مساعد بدء التشغيل على المرتفعات (HSA) المساعدة في تخفيف انزلاق السيارة عند سحب مقطورة.

تحذير!

- إذا كنت تستخدم وحدة تحكم بفرامل المقطورة، فإن فرامل المقطورة يمكن تنشيطها وتعطيلها باستخدام مفتاح الفرامل. إذا كان الأمر كذلك، فقد لا يتوفر ضغط فرامل كافي للحفاظ على السيارة والمقطورة على مرتفع عند تحرير دواسة الفرامل. لتجنب الدوران والنزول من على الأرض المنحدرة أثناء استئناف التسارع، قم بتنشيط فرامل المقطورة يدويًا أو استخدم المزيد من ضغط فرامل السيارة قبل تحرير دواسة الفرامل.

(تابع)

تحذير!

- إن نظام مساعد بدء التشغيل على المرتفعات لا يعتبر فرامل إيقاف. تأكد دائمًا من التعشيق الكامل لفرامل التوقف عند الخروج من السيارة. تأكد أيضًا من ترك ناقل الحركة في وضع PARK (التوقف).
- قد يتسبب عدم اتباع هذه التحذيرات في وقوع تصادم أو إصابة شخصية بالغة.

دعم فرامل المطر (RBS)

يمكن لنظام دعم فرامل المطر (RBS) تحسين أداء الفرامل في الأجواء المبتلة. حيث يقوم بشكل دوري باستخدام الفرامل بمقدار بسيط لإزالة أي ترسب للمياه على الجزء الدوار للفرامل الأمامية. تعمل عندما تكون ماسحات الزجاج الأمامي في وضع السرعة LO (منخفض) أو HI (عالي). عند تنشيط نظام دعم فرامل المطر (RBS)، لا يظهر تنبيه للسائق ولا يلزم أي تدخل من جانبه.

تنبيه جاهزية الفرامل (RAB)

يمكن أن يعمل تنبيه جاهزية الفرامل (RAB) على تقليل الوقت اللازم للكبح إلى أقصى قدر أثناء المواقف التي تستدعي استخدام الفرامل. وهو يتوقع حدوث موقف يستدعي استخدام الفرامل بشكل طارئ وذلك عن طريق مراقبة مدى سرعة تحرير السائق لدواسة صمام الاختناق. سوف تجهز أداة التحكم في الفرامل الإلكترونية (EBC) نظام الفرامل للتوقف المفاجئ.

التحكم في تحديد السرعة (SSC) — إذا كانت السيارة مزوّدة بذلك

إن نظام التحكم في تحديد السرعة (SSC) مخصص للقيادة على الطرق غير الممهدة في وضع 4WD Low (الدفع الرباعي المنخفض) فقط. يحافظ نظام التحكم في تحديد السرعة (SSC) على سرعة السيارة بالتحكم بصورة فعالة في عزم المحرك والفرامل.

يشتمل نظام التحكم في تحديد السرعة (SSC) على ثلاث حالات:

1. Off (إيقاف) (الميزة غير ممكنة ولن يتم تنشيطها)
2. Enabled (ممكنة) (الميزة ممكنة وجاهزة ولكن لم تتحقق شروط التنشيط أو قام السائق بالتجاوز بصورة فعالة باستخدام الفرامل أو استخدام صمام الاختناق)
3. Active (نشطة) (الميزة ممكنة وتقوم بصورة فعالة بالتحكم في سرعة السيارة)

تمكين نظام التحكم في تحديد السرعة (SSC)

يتم تمكين نظام التحكم في تحديد السرعة (SSC) بالضغط على مفتاح SSC ولكن ينبغي تحقق الشروط التالية لتمكين نظام التحكم في تحديد السرعة (SSC):

- مجموعة القيادة في نطاق 4WD Low (الدفع الرباعي المنخفض).
- سرعة السيارة أقل من 8 كم/ساعة (5 أميال/ساعة).
- فرامل التوقف محرّرة.
- باب السائق مغلق.
- السائق لم يستخدم صمام الاختناق.

ملاحظات للسائق

تحتوي مجموعة أجهزة القياس على رمز نظام التحكم في النزول من على المرتفعات (HDC) ويشتمل مفتاح نظام التحكم في النزول من على المرتفعات (HDC) على رمز LED، والذي يوفر ملاحظات للسائق حول حالة نظام التحكم في النزول من على المرتفعات (HDC).

- سيضيء رمز مجموعة أجهزة القياس وضوء المفتاح وتظل الإضاءة ثابتة عندما يتم تمكين نظام التحكم في تحديد السرعة (HDC) أو تنشيطه. يعتبر هذا الوضع هو وضع التشغيل العادي لنظام التحكم في النزول من على المرتفعات (HDC).
- سيومض ضوء رمز مجموعة القياس والمفتاح لعدة ثوان ثم ينطفئ عندما يضغط السائق على مفتاح التحكم في النزول من على المرتفعات (HDC) ولكن لا يتم الوفاء بشروط التمكين.
- سيومض ضوء رمز مجموعة القياس والمفتاح لعدة ثوان ثم ينطفئ عندما يتم إلغاء تعطيل نظام التحكم في النزول من على المرتفعات (HDC) بسبب السرعة الزائدة.
- سيومض ضوء رمز مجموعة القياس والمفتاح عندما يتم إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC) بسبب زيادة سخونة الفرامل. سوف يتوقف الوميض ويتم تنشيط نظام التحكم في النزول من على المرتفعات (HDC) مرة أخرى عندما تبرد الفرامل بصورة كافية.

تحذير!

إن نظام التحكم في النزول من على المرتفعات يهدف فقط إلى مساعدة السائق في التحكم بسرعة السيارة عند النزول من على المرتفعات. وعلى السائق أن يبقى منتبهًا لظروف القيادة ويعتبر مسؤولاً عن الحفاظ على سرعة آمنة للسيارة.

مساعد بدء التشغيل على المرتفعات (HSA)

تم تصميم نظام مساعد بدء التشغيل على المرتفعات (HSA) للتخفيف من انقلاب السيارة من التوقف الكامل أثناء التواجد على منحدر. إذا حرر السائق الفرامل أثناء التوقف على منحدر، سيستمر نظام مساعد بدء التشغيل على المرتفعات في الاحتفاظ بضغط الفرامل لفترة قصيرة. إذا لم يستخدم السائق صمام الاختناق في هذه الفترة القصيرة، يحرر النظام ضغط الفرامل وتبدأ السيارة في الدوران والنزول من فوق المرتفع بالشكل المعتاد.

يجب استيفاء الشروط التالية لتنشيط مساعد بدء التشغيل على المرتفعات (HSA):

- يجب أن يتم تمكين الميزة.
- يجب أن تكون السيارة متوقفة.
- يجب أن تكون فرامل التوقف في وضع إيقاف التشغيل.
- يجب أن يكون باب السائق مغلقًا.
- يجب أن تكون السيارة على منحدرات بارتفاع كافي.
- يجب أن يتوافق اختيار الترس مع اتجاه سير السيارة على المرتفع (بمعنى إذا كانت مقدمة السيارة في اتجاه المرتفع نستخدم ترس السير للأمام؛ وإذا كانت مؤخرة السيارة في اتجاه المرتفع نستخدم ترس الرجوع للخلف (R)).
- يعمل مساعد بدء التشغيل على المرتفعات (HSA) في ترس REVERSE (الرجوع للخلف) وجميع التروس الأمامية. لن ينشط النظام إذا كان ناقل الحركة في وضع التوقف (P) أو وضع اللاتعشيق (N).

تحذير!

قد تكون هناك مواقف لا ينشط فيها مساعد بدء التشغيل على المرتفعات (HSA) ويحدث فيها دوران بسيط للسيارة، كما هو الحال على المرتفعات الصغيرة، أو عندما تكون السيارة محملة أو أثناء سحب مقطورة. إن مساعد بدء التشغيل على المرتفعات (HSA) ليس بديلاً عن القيادة بانتباه. فمن مسئولية السائق دائمًا الانتباه للمسافة بين سيارته والسيارات الأخرى والأشخاص والأشياء، والأهم من ذلك استعمال الفرامل لضمان التشغيل الآمن للسيارة في ظل جميع ظروف الطريق. يعتبر انتباهك الكامل مطلوب دائمًا أثناء القيادة للتحكم في السيارة بشكل آمن. قد يتسبب عدم اتباع هذه التحذيرات في وقوع تصادم أو إصابة شخصية بالغة.

تمكين نظام التحكم في النزول من المرتفعات

يتم تمكين نظام التحكم في تحديد السرعة (HDC) بالضغط على مفتاح HDC ولكن ينبغي تحقق الشروط التالية لتمكين نظام التحكم في تحديد السرعة (HDC):

- مجموعة القيادة في نطاق 4WD Low (الدفع الرباعي المنخفض).
- سرعة السيارة أقل من 8 كم/ساعة (5 أميال/ساعة).
- فرامل التوقف محرّرة.
- باب السائق مغلق.

تنشيط نظام التحكم في النزول من المرتفعات

بمجرد تمكين نظام التحكم في النزول من على المرتفعات (HDC)، فسوف يتم تنشيطه أوتوماتيكيًا في حالة النزول من على سفح منحدر بارتفاع كافٍ. السرعة المضبوطة لنظام التحكم في تحديد السرعة (HDC) يمكن للسائق تحديدها ويمكن ضبطها باستخدام نقل التروس +/-. يلخص ما يلي السرعات المضبوطة لنظام التحكم في تحديد السرعة (HDC):

السرعات المضبوطة والمستهدفة لنظام التحكم في النزول من المرتفعات (HDC)

- P (التوقف) = لا توجد سرعة مضبوطة. يحتمل تمكين نظام التحكم في النزول من على المرتفعات (HDC) ولكن لم يتم تنشيطه.
- R (الرجوع للخلف) = 1 كم/ساعة (0.6 ميل/ساعة)
- N (اللاتعشيق) = 2 كم/ساعة (1.2 ميل/ساعة)
- D (القيادة) = 1 كم/ساعة (0.6 ميل/ساعة)
- 1st (الترس الثامن) = 1 كم/ساعة (0.6 أميال/ساعة)
- 2nd (الترس الثامن) = 2 كم/ساعة (1.2 أميال/ساعة)
- 3rd (الترس الثامن) = 3 كم/ساعة (1.8 أميال/ساعة)
- 4th (الترس الثامن) = 4 كم/ساعة (2.5 أميال/ساعة)
- 5th (الترس الثامن) = 5 كم/ساعة (3.1 أميال/ساعة)
- 6th (الترس الثامن) = 6 كم/ساعة (3.7 أميال/ساعة)
- 7th (الترس الثامن) = 7 كم/ساعة (4.3 أميال/ساعة)
- 8th (الترس الثامن) = 8 كم/ساعة (5.0 أميال/ساعة)
- 9th (الترس التاسع) = 9 كم/ساعة (5.6 أميال/ساعة) - إذا كانت السيارة مزودة بذلك

ملاحظة:

أثناء تشغيل نظام التحكم في النزول من على المرتفعات (HDC)، يتم استخدام إدخال ذراع النقل +/- لتحديد السرعة المطلوبة لنظام التحكم في النزول من على المرتفعات (HDC)، ولكن لن يؤثر ذلك على الترس المختار بواسطة ناقل الحركة. عند تشغيل نظام التحكم في النزول من على المرتفعات (HDC) بصورة نشطة، سيتم نقل ناقل الحركة بصورة مناسبة للسرعة المضبوطة المحددة من قِبل السائق مع ظروف القيادة المناسبة.

التجاوز من قِبل السائق

قد يقوم السائق بتجاوز تنشيط نظام التحكم في تحديد السرعة (HDC) باستخدام صمام الاختناق أو الفرامل في أي وقت.

إلغاء تنشيط نظام التحكم في تحديد السرعة (HDC)

سيتم إلغاء تنشيط نظام التحكم في تحديد السرعة (HDC) ولكن سيظل متاحًا في حالة حدوث أي من الحالات التالية:

- تجاوز السائق السرعة المضبوطة لنظام التحكم في تحديد السرعة (HDC) باستخدام صمام الاختناق أو الفرامل.
- تجاوزت سرعة السيارة 32 كم/ساعة (20 ميلاً/ساعة) ولكنها ظلت أقل من 64 كم/ساعة (40 ميلاً/ساعة).
- السيارة على سفح منحدر بارتفاع غير كافٍ أو على سطح مستو أو على سفح مرتفع.
- تم نقل السيارة إلى وضع PARK (التوقف).

تعطيل نظام التحكم في النزول من المرتفعات

سيتم إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC) ويصبح معطلاً في حالة حدوث أي من الحالات التالية:

- قيام السائق بالضغط على مفتاح HDC.
- نقل مجموعة القيادة خارج نطاق 4WD LOW (الدفع الرباعي المنخفض).
- تم استخدام فرامل التوقف.
- يتم فتح باب السائق.
- قيادة السيارة بسرعة أكبر من 32 كم/ساعة (20 ميلاً/الساعة) لمدة تزيد عن 70 ثانية.
- قيادة السيارة بسرعة أكبر من 64 كم/ساعة (40 ميلاً/الساعة) (يتم الخروج من نظام التحكم في النزول من على المرتفعات (HDC) فورًا).
- يقوم نظام التحكم في النزول من على المرتفعات (HDC) باكتشاف الارتفاع المفرط لدرجة حرارة الفرامل.

تحذير!
تقليل طاقة المحرك بنظام التحكم في الجر (TCS)، ويتم خفض الاستقرار المحسن للسيارة المتوفر من نظام التحكم في الاستقرار الإلكتروني (ESC). • يكون نظام التحكم في تأرجح المقطورة (TSC) معطلاً عندما يكون نظام التحكم في الاستقرار الإلكتروني (ESC) في وضع "Partial Off" (الإيقاف الجزئي).

ضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC) وضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC)

يضيء ضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC) في مجموعة أجهزة القياس عند وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق). وينطفئ المصباح أثناء تشغيل المحرك. إذا استمر ضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC) في الإضاءة أثناء عمل المحرك، فإن هذا يدل على أنه قد تم اكتشاف عطل في نظام التحكم في الاستقرار الإلكتروني (ESC). إذا ظل هذا المصباح مضاءً بعد عدة دورات تشغيل، وتمت قيادة السيارة لعدة كيلومترات (أميال) بسرعات أعلى من 48 كم/ساعة (30 ميلاً/ساعة)، فراجع الوكيل المعتمد بأسرع ما يمكن لتشخيص المشكلة وحلها.

يبدأ ضوء تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ضوء مؤشر العطل بالوميض بمجرد فقدان الإطارات لطاقة الجر وعمل نظام الاستقرار الإلكتروني (ESC). ويومض ضوء مؤشر عطل/تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC) أيضًا عندما يكون نظام التحكم في الجر (TCS) نشطًا. إذا بدأ ضوء مؤشر العطل/تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC) في الوميض أثناء التسارع، فخفف الضغط على دواسة البنزين وقلل بقدر الإمكان من استخدام صمام الاختناق. تأكد من توافق سرعتك وأسلوب قيادتك لظروف الطريق.

يشير ضوء مؤشر ESC OFF (توقف نظام التحكم في الاستقرار الإلكتروني) إلى أن العميل اختار تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) في وضع منخفض.

ملاحظة:

- يضيء كل من ضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني وضوء مؤشر إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني لفترة قصيرة في كل مرة يتم فيها وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).
- يعمل نظام التحكم في الاستقرار الإلكتروني (ESC) في كل مرة يتم فيها وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) حتى إذا كان قد تم إيقافه في وقت سابق.
- يصدر عن نظام التحكم في الاستقرار الإلكتروني (ESC) صوت طنين أو نقر عندما يكون نشطًا. وهذا أمر عادي، وتتوقف الأصوات عندما يصبح نظام التحكم في الاستقرار الإلكتروني (ESC) غير نشطٍ بعد المناورة التي تسببت في تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC).

نظام التحكم في النزول من المرتفعات (HDC) - إذا كانت السيارة مزوّدة بذلك

إن نظام التحكم في النزول من على المرتفعات (HDC) مخصص للقيادة بسرعات بطيئة على الطرق غير الممهدة أثناء التواجد في نطاق 4WD Low (الدفع الرباعي المنخفض).

يحافظ نظام التحكم في النزول من على المرتفعات (HDC) على سرعة السيارة أثناء النزول من على المرتفعات أثناء ظروف القيادة المختلفة. يتحكم نظام التحكم في النزول من على المرتفعات (HDC) في سرعة السيارة عن طريق التحكم النشط في الفرامل.

يشتمل نظام التحكم في النزول من المرتفعات على ثلاث حالات:

1. Off (إيقاف) (الميزة غير ممكنة ولن يتم تنشيطها).
2. Enabled (ممكنة) (الميزة ممكنة وجاهزة ولكن لم تتحقق شروط التنشيط أو قام السائق بالتجاوز بصورة فعالة باستخدام الفرامل أو استخدام صمام الاختناق).
3. Active (نشطة) (الميزة ممكنة وتقوم بصورة فعالة بالتحكم في سرعة السيارة).

تحذير!

- لا يستطيع نظام التحكم في الاستقرار الإلكتروني (ESC) منع قوانين الفيزياء الطبيعية من التأثير على السيارة كما أنه لا يمكنه زيادة قدرة الجر التي توفرها ظروف الطريق. ولا يستطيع نظام التحكم في الاستقرار الإلكتروني (ESC) منع الحوادث بما في ذلك الحوادث الناتجة من السرعة الزائدة في المنعطفات أو القيادة على الأسطح شديدة الانزلاق أو الانزلاق المائي. كما أنه لا يمكن أيضًا لنظام التحكم في الاستقرار الإلكتروني (ESC) أن يمنع وقوع التصادمات، بما في ذلك التصادمات الناجمة عن فقدان التحكم في السيارة بسبب تدخل غير مناسب من السائق عند التعامل مع ظروف الطريق. فالسائق المنتبه والماهر والحذر هو الوحيد الذي يمكنه تجنب وقوع الحوادث. يجب عدم استغلال قدرات السيارات المزودة بنظام التحكم في الاستقرار الإلكتروني (ESC) بطريقة متهورة أو خطيرة قد تعرض سلامة السائق أو سلامة الآخرين للخطر.
- إجراء تعديلات على السيارة أو عدم صيانة السيارة بشكل سليم قد يغير من خصائص التعامل مع السيارة، وقد يؤثر سلبيًا على أداء نظام التحكم في الاستقرار الإلكتروني (ESC). قد يؤثر أيضًا إجراء التغييرات على نظام التوجيه أو التعليق أو نظام الفرامل أو نوع وحجم الإطار أو حجم العجلة بشدة على أداء نظام التحكم في الاستقرار الإلكتروني (ESC). قد تؤدي أيضًا الإطارات غير المنتفخة بشكل صحيح أو المتآكلة بشكل غير متساوي في تدهور أداء نظام التحكم في الاستقرار الإلكتروني (ESC). أي عملية تعديل على

(تابع)

تحذير!

السيارة أو صيانة غير صحيحة من شأنها تقليل فعالية نظام التحكم في الاستقرار الإلكتروني (ESC) قد تؤدي إلى زيادة مخاطر فقدان التحكم في السيارة وانقلابها وحدوث إصابات شخصية والوفاة.

أوضاع تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC)

وفقًا لطراز السيارة ووضع التشغيل، قد يحتوي نظام التحكم في الاستقرار الإلكتروني (ESC) على أوضاع تشغيل متعددة.

ESC On (تشغيل نظام التحكم في الاستقرار الإلكتروني)

يعتبر هذا الوضع هو وضع التشغيل العادي لنظام التحكم في الاستقرار الإلكتروني (ESC). فمع بداية تشغيل السيارة، يصبح نظام التحكم في الاستقرار الإلكتروني (ESC) في هذا الوضع. يجب استخدام هذا الوضع في معظم ظروف القيادة. ولا ينبغي استخدام أوضاع نظام التحكم في الاستقرار الإلكتروني (ESC) البديلة إلا لأسباب خاصة واردة في الفقرات التالية.

Partial Off (الإيقاف الجزئي)

قد يكون هذا الوضع مفيدًا إذا كانت السيارة عالقة. قد يقوم هذا الوضع بتعديل حدود نظام التحكم في الجر (TCS) ونظام التحكم في الاستقرار الإلكتروني (ESC) للتنشيط، وهو ما يسمح عادةً بالمزيد من دوران العجلات أكثر مما هو مسموح به في الطبيعي.

للدخول في وضع "Partial Off" (الإيقاف الجزئي)، اضغط للحظات على زر ESC OFF (إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC)) وسيضيء ضوء مؤشر ESC OFF (إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC)). لتشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) مرة أخرى، اضغط للحظات على زر "ESC OFF" (إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC)) وسينطفئ ضوء مؤشر ESC OFF (إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC)).

ملاحظة:

للسيارات المزودة بأوضاع نظام التحكم في الاستقرار الإلكتروني (ESC) الجزئية المتعددة، سيؤدي الضغط على الزر وتحريره إلى تبديل أوضاع نظام التحكم في الاستقرار الإلكتروني (ESC). قد يلزم تنفيذ عدة محاولات للعودة إلى وضع "ESC On" (تشغيل نظام التحكم في الاستقرار الإلكتروني).

تحذير!

- عند التواجد في وضع "Partial Off" (الإيقاف الجزئي)، يتم تعطيل وظيفة نظام التحكم في الجر (TCS) في نظام التحكم في الاستقرار الإلكتروني (ESC)، باستثناء ميزة الانزلاق المحدود الموصوفة في قسم نظام التحكم في الجر (TCS)، ويضيء ضوء مؤشر إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC). عند التواجد في وضع "Partial Off" (الإيقاف الجزئي)، يتم تعطيل ميزة

(تابع)

نظام الفرامل ضوء التحذير

يضيء ضوء تحذير نظام الفرامل الأحمر عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) وقد يستمر في الإضاءة لمدة أربع ثوان تقريبًا.

إذا ظل ضوء تحذير نظام الفرامل مضاءً أو إذا أضاء أثناء القيادة، فإن ذلك يشير إلى أن نظام الفرامل لا يعمل بصورة صحيحة وأن الصيانة الفورية مطلوبة. إذا لم يُضئ ضوء تحذير نظام الفرامل عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)، يجب إصلاح المصباح في أقرب وقت ممكن.

نظام توزيع قوة الفرامل الإلكتروني (EBD)

يعمل نظام توزيع قوة الفرامل الإلكتروني (EBD) على إدارة توزيع عزم الفرامل بين المحورين الأمامي والخلفي عن طريق تقليل ضغط الفرامل على المحور الخلفي. ويتم ذلك لتفادي الانزلاق المفرط للعجلات الخلفية من أجل تجنب عدم استقرار السيارة ولمنع المحور الخلفي من الدخول إلى نظام الفرامل المانعة للانغلاق قبل المحور الأمامي.

نظام تخفيف الانقلاب الإلكتروني (ERM)

يتوقع نظام التحكم في الاستقرار الإلكتروني (ESC) احتمال ارتفاع العجلات عن طريق مراقبة مدخلات عجلة القيادة التي يستعملها السائق وسرعة السيارة. وعندما يحدد نظام تخفيف الانقلاب الإلكتروني (ERM) أن معدل تغيير زاوية عجلة القيادة وسرعة السيارة كافيان للتسبب في ارتفاع العجلات، فإنه يستعمل الفرامل المناسبة وقد يخفض طاقة المحرك لتقليل احتمال ارتفاع العجلات. وبإمكان نظام تخفيف الانقلاب الإلكتروني (ERM) خفض احتمال ارتفاع العجلات أثناء المناورات العنيفة أو المراوغة؛ ولكنه لا يستطيع منع ارتفاع العجلات بسبب عوامل أخرى مثل ظروف الطريق أو الانحراف عن الطريق أو الارتطام بأشياء أو سيارات أخرى.

ملاحظة:

يتم تعطيل نظام تخفيف الانقلاب (ERM) في أي وقت يكون فيه نظام التحكم في الاستقرار الإلكتروني (ESC) في وضع "Full Off" (الإيقاف الكامل) (إذا كانت السيارة مزودة بذلك). راجع ⇦ صفحة ٢٥٨ للحصول على شرح كامل لأوضاع نظام التحكم في الاستقرار الإلكتروني (ESC) المتاحة.

تحذير!
تؤثر العديد من العوامل مثل حمولة السيارة وظروف الطريق وظروف القيادة على احتمال ارتفاع العجلات أو انقلاب السيارة. لا يستطيع نظام تخفيف الانقلاب الإلكتروني منع ارتفاع كافة العجلات أو الانقلاب خاصة تلك التي تتضمن الانحراف عن الطريق أو الاصطدام بأشياء أو سيارات أخرى. يجب عدم استغلال قدرات السيارات المزودة بنظام التحكم في الاستقرار الإلكتروني (ERM) بطريقة متهورة أو خطيرة قد تعرض سلامة السائق أو سلامة الآخرين للخطر.

نظام التحكم في الاستقرار الإلكتروني (ESC)

يحسن نظام التحكم في الاستقرار الإلكتروني (ESC) من التحكم في التوجيه واستقرار السيارة في ظروف القيادة المتنوعة. يصحح نظام التحكم في الاستقرار الإلكتروني (ESC) السرعة الزائدة أو المنخفضة للسيارة عن طريق استعمال فرامل العجلة (العجلات) المناسبة للمساعدة على التغلب على هذه الظروف. يمكن أيضًا خفض طاقة المحرك لمساعدة السيارة على الاحتفاظ بالمسار المرغوب.

- السرعة الزائدة - عندما تدور سيارة بسرعة أكبر من المناسبة لوضع عجلة القيادة.
- السرعة المنخفضة - عندما تدور سيارة بصورة أقل من المناسبة لوضع عجلة القيادة.

يستخدم نظام التحكم في الاستقرار الإلكتروني المستشعرات في السيارة لتحديد المسار الذي يقصد السائق توجيه السيارة إليه ويقارنه بالمسار الذي تسلكه السيارة في الواقع. عندما لا يتطابق المسار الفعلي مع المسار الذي يريده السائق، يستعمل النظام فرامل العجلة المناسبة للمساعدة في التغلب على السرعة الزائدة أو المنخفضة عن الحد المطلوب.

يبدأ مصباح مؤشر تنشيط/توقف نظام التحكم في الاستقرار الإلكتروني (ESC) الموجود في مجموعة أجهزة القياس بالوميض بمجرد أن يصبح نظام التحكم في الاستقرار الإلكتروني (ESC) نشطًا. ويومض مصباح مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC) أيضًا عندما يكون نظام التحكم في الجر (TCS) نشطًا. إذا بدأ ضوء مؤشر العطل/تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC) في الوميض أثناء التسارع، فخفف الضغط على دواسة البنزين وقلل بقدر الإمكان من استخدام صمام الاختناق. تأكد من توافق سرعتك وأسلوب قيادتك لظروف الطريق.

- يقيس منطق التشغيل الثاني الوقت المنقضي في القيادة عندما تكون سرعة السيارة أعلى من 60 كم/ساعة (40 ميلاً/ساعة) وأقل من 160 كم/ساعة (100 ميل/ساعة).

إذا أشار أسلوب القيادة إلى أن السائق غير قادر على اتباع مسار الطريق والالتزام بعلامات الحارة الأفقية في أثناء وجوده ضمن نطاق سرعة تشغيل النظام، فستظهر نافذة منبثقة على شاشة عرض مجموعة أجهزة القياس للإشارة إلى أنه يَجب على السائق التوقف لأخذ استراحة. كما ستصدر إشارة صوتية.

إذا **قبل** السائق الاقتراح الذي يقدمه النظام بالضغط على زر OK (موافق) الموجود على الجانب الأيسر من عجلة القيادة، فسوف تختفي الرسالة من شاشة العرض.

إذا **لم ينصَع السائق** للتحذير، فسيتم عرضه لمدة 60 ثانية ثم يختفي.

ملاحظة:

في حال كان هناك عطل في نظام DDD (اكتشاف نعاس السائق)، ستظهر رسالة مخصصة في شاشة عرض مجموعة أجهزة القياس.

رسالة تحذير نظام DDD (اكتشاف نعاس السائق)

نظام التحكم الإلكتروني في الفرامل (EBC)

إن سيارتك مزودة بنظام التحكم الإلكتروني في الفرامل (EBC). يتضمن هذا النظام نظام الفرامل المانعة للانغلاق (ABS)، ونظام مساعد الفرامل (BAS)، ونظام توزيع قوة الفرامل الإلكتروني (EBD)، ونظام التحكم في الاستقرار الإلكتروني (ESC)، ونظام تخفيف الانقلاب الإلكتروني (ERM)، ومساعد بدء التشغيل على المرتفعات (HSA)، ونظام المساعدة على منع التصادم في تقاطعات الطرق (ICA) ونظام التحكم في الجر (TCS). تعمل هذه الأنظمة معًا لتحسين كل من استقرار السيارة وإمكانية التحكم بها في ظروف القيادة المختلفة.

قد تكون سيارتك مزوّدة أيضًا بعزم التوجيه الديناميكي (DST) ودعم فرامل المطر (RBS) وتنبيه جاهزية الفرامل (RAB) ووحدة التحكم في تأرجح المقطورة (TSC).

نظام مساعد الفرامل (BAS)

تم تصميم نظام مساعد الفرامل (BAS) لتحسين كفاءة فرامل السيارة خلال المناورات التي تُستخدم فيها الفرامل في حالات الطوارئ. يكتشف النظام الحالات التي تستدعي استخدام الفرامل بشكل طارئ عن طريق استشعار معدل ومقدار استخدام الفرامل ثم يستعمل أقصى ضغط على الفرامل. إن ذلك يساعد في تقليل المسافات التي تقطعها الفرامل لإحداث فرملة. يعتبر نظام مساعد الفرامل (BAS) نظامًا مكملاً لنظام الفرامل المانعة للانغلاق (ABS). ويؤدي الضغط على الفرامل بأقصى سرعة إلى الاستفادة القصوى من المساعدة التي يوفرها نظام مساعد الفرامل. للاستفادة من النظام، يجب الضغط على الفرامل بشكل متواصل أثناء تتابع التوقف (لا تقم بالضغط بشكل متقطع على دواسة الفرامل). لا تخفض الضغط على دواسة الفرامل حتى تتأكد من عدم الحاجة إلى استعمال الفرامل. يتوقف نظام مساعد الفرامل عن العمل بمجرد تحرير دواسة الفرامل.

تحذير!
لا يستطيع نظام مساعد الفرامل منع قوانين الفيزياء الطبيعية من التأثير على السيارة كما أنه لا يمكنه زيادة قدرة الجر التي توفرها ظروف الطريق. ولا يستطيع النظام منع التصادمات بما في ذلك التصادمات الناتجة عن السرعة الزائدة في المنعطفات أو القيادة على الأسطح شديدة الانزلاق أو الانزلاق المائي. يجب عدم استغلال قدرات السيارات المزودة بنظام مساعد الفرامل بطريقة متهورة أو خطيرة والتي قد تعرض سلامة السائق أو سلامة الآخرين للخطر.

إذا أضاء ضوء تحذير نظام الفرامل المانعة للانغلاق (ABS)، فيجب صيانة نظام الفرامل في أسرع وقت ممكن لاستعادة مزايا الفرامل المانعة للانغلاق. إذا لم يُضئ ضوء تحذير نظام الفرامل المانعة للانغلاق (ABS) عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)، فيجب إصلاح المصباح في أقرب وقت ممكن.

تنبيه تذكير المقعد الخلفي (RSRA) - إذا كانت السيارة مزودة بذلك

يُنبه تنبيه تذكير المقعد الخلفي (RSRA) باحتمال وجود شيء أو راكب أو حيوان أليف في المقاعد الخلفية من خلال إشعار مرئي وصوتي. عندما يكون النظام نشطًا، يعرض الرسالة "Check Rear Seat" (تحقق من المقعد الخلفي) على شاشة مجموعة أجهزة القياس ويصدر تنبيهاً مسموعاً عند وضع السائق مفتاح الإشعال على وضع OFF للخروج من السيارة. سيتم تنشيط النظام أوتوماتيكيًا إذا تم فتح الباب الخلفي في غضون 10 دقائق من ضبط مفتاح التشغيل على وضع ON/RUN (التشغيل/الانطلاق). يجب استخدام RSRA كتذكير لفحص المقاعد الخلفية؛ فهو لا يكتشف الأشياء أو الركاب أو الحيوانات الأليفة مباشرة ولا يتم تنشيطه إلا عند استيفاء الشروط السابقة.

لتمكين تنبيه تذكير المقعد الخلفي (RSRA) أو تعطيله، راجع ⇦ صفحة ٢٠٣.

تحذير!

- قبل الخروج من السيارة، قم دومًا بالتوقف تمامًا، ثم ضع ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) ثم قم بتعشيق فرامل التوقف.
- تأكد دومًا من أن نقطة التشغيل دون مفاتيح في وضع OFF (إيقاف التشغيل)، ومن إزالة حافظة المفاتيح من السيارة وقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. لا تترك الأطفال في السيارة من دون مراقبة لأن ذلك يعرضهم للخطر لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. ومن ثَمّ، يجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد التروس.
- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي ارتفاع درجة الحرارة الداخلية إلى حدوث إصابات خطيرة أو الوفاة.

اكتشاف نعاس السائق (DDD) — إذا كانت السيارة مزودة بذلك

يكتشف نظام اكتشاف نعاس السائق (DDD) شعور السائق بالإجهاد ويحذر السائق للتوقف جانبًا وأخذ قسط من الراحة.

للتنشيط/إلغاء التنشيط

يمكن تنشيط نظام اكتشاف نعاس السائق (DDD) وإلغاء تنشيطه من خلال نظام Uconnect عن طريق تحديد ما يلي بالترتيب:

1. "Safety & Driving Assistance" (السلامة والمساعدة في القيادة)
2. "Drowsy Driver Detection" (اكتشاف نعاس السائق)

تحذير!

يعتبر نظام DDD (اكتشاف نعاس السائق) أداة مساعدة في القيادة ولا يعفي السائق من مسؤولية قيادة السيارة. إذا عانيت من الإرهاق أثناء القيادة، فتوقف جانبًا بأمان لأخذ قسط من الراحة بدون انتظار تدخل نظام DDD (اكتشاف نعاس السائق). لا تعُد إلى الطريق إلا عندما تكون في الحالة البدنية والذهنية المناسبة لمنع تعريض نفسك والسائقين الآخرين للخطر.

تدخل النظام

باستخدام الملاحظات التي يتم الحصول عليها من أنماط القيادة التي يواظب عليها السائق، ومن أي أزرار/مفاتيح يتم الضغط عليها، ومن الكاميرا الأمامية، يقوم النظام بتنفيذ منطقي تشغيل:

- يأخذ منطق التشغيل الأول أسلوب القيادة في الاعتبار، مع ملاحظة الطريق، واكتشاف مدى تمكن السائق من الاستمرار في القيادة مع وجود عدد قليل من حوادث عبور الحارة.

السلامة

ميزات السلامة

نظام الفرامل المانعة للانغلاق (ABS)

يوفر نظام الفرامل المانعة للانغلاق (ABS) ثباتًا أكبر وزيادة في مستوى أداء الفرامل في معظم ظروف الكبح. يمنع النظام أوتوماتيكيًا قفل العجلة السيارة، ويحسن التحكم في السيارة أثناء استخدام الفرامل.

يقوم نظام الفرامل المانعة للانغلاق بإجراء دورة للفحص الذاتي للتأكد من أن نظام الفرامل المانعة للانغلاق يعمل بشكل صحيح كل مرة يتم فيها تشغيل السيارة وقيادتها. أثناء هذا الاختبار الذاتي، قد تسمع صوت طقطقة بسيطة بالإضافة إلى بعض ضوضاء الموتور ذات الصلة.

يتم تنشيط نظام الفرامل المانعة للانغلاق (ABS) أثناء استخدام الفرامل عندما يكتشف النظام أن واحدة أو أكثر من العجلات تبدأ في الانغلاق. قد تزيد ظروف الطريق مثل الثلج أو الجليد أو الحصى أو الحواجز أو قضبان السكك الحديدية أو الأتربة الرخوة أو مرات الوقوف المفاجئة من احتمال تنشيط نظام الفرامل المانعة للانغلاق.

قد تواجه أيضًا الخصائص العادية التالية عند تنشيط نظام الفرامل المانعة للانغلاق (ABS):

- صوت طقطقة أو ضوضاء موتور نظام الفرامل المانعة للانغلاق (ABS) (قد تستمر في سماع ذلك لفترة قصيرة بعد التوقف).
- اهتزاز دواسة الفرامل.
- انخفاض طفيف في دواسة الفرامل في نهاية التوقف.

تم تصميم نظام الفرامل المانعة للانغلاق (ABS) لتعمل مع إطارات الجهة المُصنِّعة للإطارات الأصلية. قد ينجم عن التعديل تدهور في أداء نظام الفرامل المانعة للانغلاق.

تحذير!

- يحتوي نظام الفرامل المانعة للانغلاق على معدات إلكترونية متطورة قد تكون حساسة تجاه التداخلات التي تسببها معدات الإرسال اللاسلكي التي يتم تركيبها بصورة غير صحيحة أو ذات الخرج العالي. وقد تسبب هذه التداخلات فقدان قدرة منع الانغلاق عند الفرملة. يجب تركيب مثل هذه المعدات من قبل أخصائيين مؤهلين لأداء ذلك.
- إن ضخ الفرامل المانعة للانغلاق يقلل من فعاليتها وقد يسبب ذلك وقوع تصادم. فضخ دواسة الفرامل يجعل المسافة المطلوبة للوقوف أطول. اضغط بإحكام على دواسة الفرامل عندما تحتاج إلى خفض السرعة أو الوقوف.
- ليس بمقدور نظام الفرامل المانعة للانغلاق (ABS) منع قوانين الفيزياء الطبيعية من التأثير على السيارة، كما أنه لا يستطيع زيادة كفاءة الفرملة أو توجيه السيارة أكثر من الحالة التي عليها فرامل السيارة والإطارات، أو قدرة الجر المتوفرة.

(تابع)

تحذير!

- لا يستطيع نظام مساعد الفرامل (ABS) منع وقوع التصادمات بما في ذلك تلك التي تنتج من القيادة بسرعة عالية عند المنعطفات أو من ملاحقة سيارة أخرى عن قرب أو عند القيادة فوق طرق مغمورة بمياه.
- يجب عدم استغلال قدرات السيارات المزودة بنظام الفرامل المانعة للانغلاق (ABS) أبدًا بطريقة متهورة أو خطيرة والتي قد تعرض سلامة السائق أو سلامة الآخرين للخطر.

ضوء تحذير نظام الفرامل المانعة للانغلاق (ABS)

يضيء ضوء تحذير نظام الفرامل المانعة للانغلاق (ABS) الأصفر عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) وقد يستمر في الإضاءة لمدة أربع ثوان تقريبًا.

وإذا استمر ضوء تحذير نظام الفرامل المانعة للانغلاق (ABS) في الظهور أو أضاء أثناء القيادة، فإن ذلك يدل على أن جزء منع الانغلاق من نظام الفرامل لا يعمل بصورة صحيحة وأن هناك حاجة إلى صيانة النظام. مع ذلك سيستمر نظام الفرامل التقليدي في العمل بصورة اعتيادية إذا أضاء ضوء تحذير نظام الفرامل المانعة للانغلاق (ABS).

ملاحظة:

بعد دقيقتين، إذا لم يتم اختيار "Cancel Light Check" (إلغاء فحص الضوء)، فستعود الشاشة تلقائيًا إلى شاشة Activate Light Check (تنشيط فحص الضوء).

الإعداد

بعد اختيار المقطورة الخاصة بك، سيؤدي اختيار علامة التبويب Setup (الإعداد) إلى إعادة توجيهك إلى ميزة "Trailer Brake/Trailer" (فرامل المقطورة/المقطورة) في Uconnect Settings (إعدادات Uconnect)، ⇦ صفحة ٢١٥.

علامة تبويب Trailer Tow Pages Setup Tab (إعداد صفحات قطر المقطورة)

ملاحظة:

تأكد من اختيار "Use this Trailer" (استخدام هذه المقطورة) لإجراء أي تغييرات في الإعدادات لتلك المقطورة المختارة.

تشغيل الراديو والهواتف المحمولة

في ظروف معينة، قد يؤدي تشغيل الهاتف المحمول بسيارتك إلى عمل الراديو بشكل مشوش أو محدثًا ضجة. يمكن تقليل هذه الحالة أو التخلص منها بتغيير موقع الهاتف المحمول داخل السيارة. وهذا التشويش لا يعتبر ضارًا بالراديو. إذا لم يتحسن أداء الراديو بصورة مرضية مع تغيير موضع الهاتف المحمول، فإنه يوصى بخفض صوت الراديو أو إيقافه أثناء تشغيل الهاتف المحمول عند عدم استخدام نظام Uconnect.

- Oil Pressure (ضغط الزيت)
- Battery Voltage (فولتية البطارية)

ملاحظة:

اضغط على السهم لأعلى ولأسفل على الجانب الأيمن من شاشة اللمس للتبديل بين العدادات، حيث ستُعرض حتى خمسة عدادات فقط في المرة الواحدة.

سيوفر لك الركن الأيمن العلوي من كل عداد خيار تكبير كل عداد، والذي سيُظهر لك صفحة Gauge Detail View (عرض تفاصيل العداد) التي ستعرض معلومات العداد النوعي ورسم بياني عن حالة العداد بمرور الوقت. للرجوع إلى صفحة Trailer Info (معلومات المقطورة)، اختر نفس الأيقونة الموجودة أعلى اليمين.

ملاحظة:

إذا وصل أي عداد إلى حالة حرجة، فسيُعرض شريط التعبئة والقراءة الرقمية والأيقونة باللون الأحمر الناصع.

CAMERAS (الكاميرات)

سيؤدي اختيار علامة تبويب Camera (الكاميرا) في "Trailer Tow Pages" (صفحات قطر المقطورة) إلى إعادة توجيهك إلى علامة تبويب Trailer (المقطورة) في قسم More Cams (المزيد من الكاميرات) في تطبيق الكاميرا.

Trailer Tow Pages (صفحات قطر المقطورة) علامة تبويب Camera (الكاميرا)

بعد تحديد عرض الكاميرا المرغوب بها بالمقطورة، فإن اختيار زر More Cams (المزيد من الكاميرات) سيأخذك إلى الشاشة السابقة.

من أجل الدخول إلى ميزات الكاميرا، يجب تمكين إعدادات Surround View Camera (كاميرا الرؤية المحيطية) ⇦ صفحة ٢١٦.

فحص الضوء

سيؤدي الضغط على علامة التبويب Light Check (فحص الضوء) إلى فتح صفحة Light Check Ready (فحص الضوء جاهز). سيظهر مربع يحمل النص "Activate Light Check" (تنشيط فحص الضوء)، والذي سيسمح لك بفحص مصابيح فرامل المقطورة.

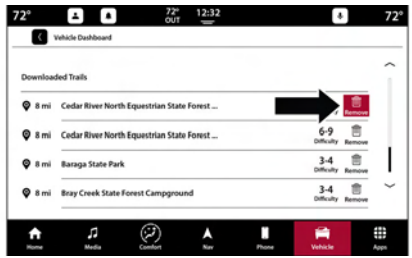
Trailer Tow Pages (صفحات قطر المقطورة) علامة تبويب Light Check (فحص الضوء)

بمجرد اختيارها، ستتغير الشاشة إلى "Light Check in Progress" (جاري فحص الضوء). سيتحول المربع إلى اللون الأحمر وسيظهر النص "Cancel Light Check" (إلغاء فحص الضوء)، والذي سيُعيد لاحقاً إطفاء مصابيح فرامل المقطورة.

سيؤدي تحديد "Auto Trailer Light Check" (الفحص التلقائي لضوء المقطورة) في "Trailer Brake/Trailer" (فرامل المقطورة/المقطورة) في إعدادات Uconnect إلى تشغيل أضواء المقطورة الخاصة بك تلقائيًا بمجرد توصيل المقطورة بالمركبة. للمزيد من المعلومات ⇦ صفحة ٢١٥.

- ستُعرض رسالة "Downloaded Trails Full. المسارات المنزلة ممتلئة. Free up some space" أفرغ بعض المساحة" في الجزء العلوي من شاشة اللمس إذا لم توجد مساحة كافية. اضغط على زر Downloaded Trails (المسارات المنزلة) لإزالة المسارات الموجودة.

اضغط على أيقونة Remove (إزالة) لإزالة مسار من القائمة. سيُقدّم لك تأكيد, "Are you sure you want to delete this trail?" "هل أنت متأكد من رغبتك في حذف هذا المسار؟". اضغط على "Yes" "نعم" لإظهار أن المسار قد تم حذفه بنجاح، أو اضغط على "No" "لا" أو الزر X والذي سيعيدك إلى قائمة المسارات المنزلة.



أزل المسارات التي المنزلة

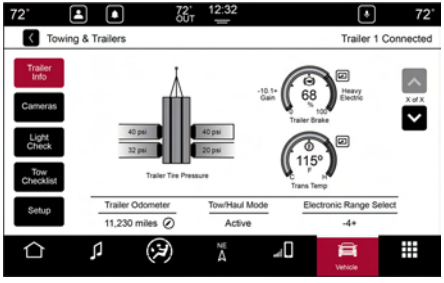
قطر المقطورة — إذا كانت السيارة مزوّدة بذلك

إذا كانت سيارتك مزودة بصفحات Trailer Tow (قطر المقطورة)، فستتمكن من رؤية وتحرير إعدادات المقطورة المختلفة لكل مقطوراتك الفريدة.

للدخول إلى صفحات Trailer Tow (قطر المقطورة), اضغط على أيقونة السيارة في الشريط السفلي بالقائمة على شاشة اللمس، ثم حدد Towing & Trailers (القطر والمقطورات).

زر Towing & Trailers (القطر والمقطورات)

TRAILER INFO (معلومات المقطورة)



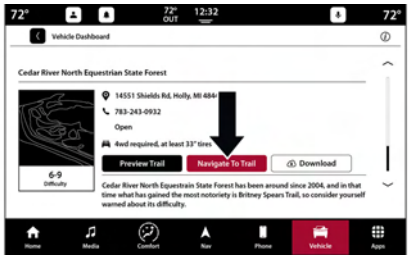
Trailer Tow Pages (صفحات قطر المقطورة)
علامة تبويب Info (المعلومات)

تعرض الصفحة الرئيسية Trailer Info (معلومات المقطورة) ضغط إطار المقطورة الخاصة بك وعداد المسافات واختيار النطاق الكهربائي وعرض حالة وضع القطر/السحب لمقطورتك.

تُعرض العدادات التالية في علامة التبويب Trailer Info (معلومات المقطورة) التي تعرض معلومات لكل مقطورة على حدة:

- Trailer Brake (فرامل المقطورة)
- Transmission Temperature (درجة حرارة ناقل الحركة)
- Coolant Temperature (درجة حرارة سائل التبريد)
- Oil Temperature (درجة حرارة الزيت)

4. اضغط على زر Navigate To Trail (الملاحة إلى المسار) الذي سيرسل الاتجاهات إلى نظام TomTom Navigation الخاص بك.



الملاحة إلى المسار

5. إذا لم يكن المسار موجودًا في الذاكرة الموضعية لنظام Uconnect الخاص بك، فاضغط على زر Download (التنزيل). إذا كان المسار موجودًا بالفعل، مما يعني أنه تم تنزيله بالفعل في وقت ما، فاضغط على زر Check For Updates (التحقق من التحديثات).

ملاحظة:

- ○ ستُعرض رسالة "Trail Updated Successfully" "تم تحديث المسار بنجاح" باتجاه الجزء العلوي من شاشة اللمس إذا اكتمل تحديث المسار بشكل صحيح. في حالة عرض "Trail could not update". "لا يمكن تحديث النظام. "Not enough space" لا توجد مساحة كافية"، ستحتاج إلى إفراغ مساحة تحت "Downloaded Trails" "المسارات المنزلة" الخاصة بك عن طريق إزالة المسارات التي لم تعد تحتاجها أو ترغب بها. "No Updates available" "لا توجد تحديثات متاحة" تعني أن المسار الذي اخترته محدث.
- ○ بواسطة الضغط على "X" على أي من هذه الشاشات ستعود إلى شاشة تفاصيل المسار.

المسارات القريبة منك

اضغط على زر Trails Near You (المسارات القريبة منك) أول 20 مسارًا بناءً على مسافة 500 ميل (805 كم) داخل موقع سيارتك الحالي.

ملاحظة:

في حالة عدم وجود أية مسارات داخل نصف قطر 500 ميل (805 كم) من موقع سيارتك الحالي، فستظهر عبارة "No Results Found" "لم يُعثَر على نتائج" على شاشة اللمس الخاصة بك.

المسارات المحملة مسبقًا

اضغط على "Preloaded Trails" "المسارات المحملة مسبقًا" لمشاهدة قائمة المسارات التي تم تحميلها مسبقًا على نظام Uconnect الخاص بك.

المسارات المحملة مسبقًا

ملاحظة:

لا يمكن حذف "Preloaded Trails" "المسارات المحملة مسبقًا" من القائمة، حيث أنها المسارات الافتراضية التي تظل على نظامك بشكل دائم.

المسارات المنزلة

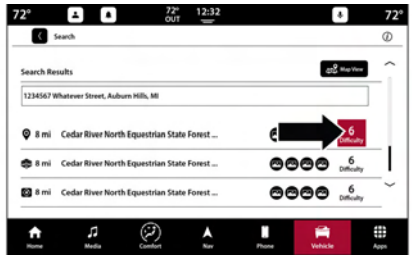
أي مسار ترغب في تنزيله، اضغط على زر Download "تنزيل" على المسار الذي خترته.

ملاحظة:

- ستُعرض رسالة "Trail Downloaded Successfully" "تم تنزيل المسار بنجاح" باتجاه الجزء العلوي من شاشة اللمس الخاصة بك إذا تم تنزيل المسار بشكل صحيح. بمجرد نجاح التنزيل، ستتوفر عبارة "Check for updates" "التحقق من التحديثات" إذا كنت ترغب في التحقق من وجود تحديثات للمسار.

5

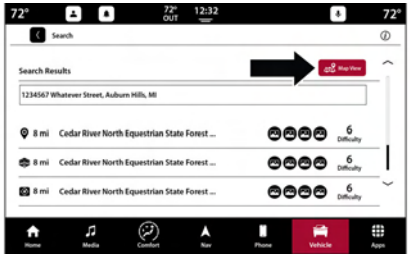
2. ستظهر المسافة إلى كل نتيجة بحث على يسار كل وجهة. سيظهر مستوى صعوبة كل مسار نحو يمين كل وجهة. اختر المسار الذي ترغب في الانتقال إليه.



صعوبة المسار

ملاحظة:

○ اضغط على زر Map View (عرض الخريطة) لعرض ملخص موسع لكل مسار ومستوى صعوبته.



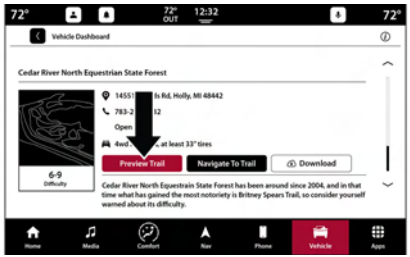
زر Map View (عرض الخريطة)

العرض الموسع لصعوبة المسار

ملاحظة:

إن كل شاشة من شاشات تفاصيل المسار ستوفر لك معلومات مثل العنوان ورقم الهاتف وأوقات الفتح/الإغلاق النموذجية ومتطلبات السيارة.

3. اضغط على زر Preview Trail (معاينة المسار) لعرض معلومات المسار. اضغط على زر Start Recording (بدء التسجيل) الذي سينقلك إلى شاشة Off Road Pages (صفحات الطرق غير الممهدة) حيث ستتمكن من حفظ التسجيل وعرض التسجيلات المحفوظة ورؤية المسافة إلى وجهتك.



معاينة المسار

ملاحظة:

سيؤدي الضغط على سهم الرجوع في صفحة Trail Info (معلومات المسار) إلى إعادتك إلى شاشة تفاصيل المسار.

المسارات المحفوظة

لعرض المسارات المحفوظة مسبقًا، انقر على زر Saved Recordings (التسجيلات المحفوظة) في الصفحة الرئيسية Trail Recording (تسجيل المسار). بمجرد الدخول إلى Saved Recordings (التسجيلات المحفوظة), سيتم سرد قائمة بالمسارات المحفوظة مسبقًا. إن زر Remove Icon (إزالة الأيقونة)الموجود على أقصى يمين كل مسار سيؤدي إلى حذف المسار. من أجل حذف جميع المسارات اختر "Delete All" "حذف الكل" باتجاه الجزء السفلي من شاشة اللمس.

ملاحظة:

يمكن الدخول إلى التسجيلات المحفوظة حتى بعد انتهاء صلاحية اشتراك الخدمات المتصلة بالعلامة التجارية.

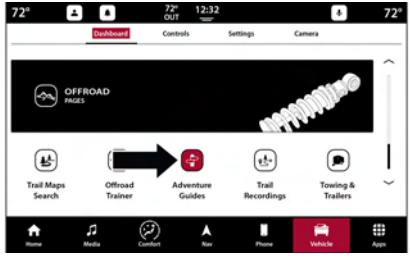
بعد اختيار تسجيل محفوظ، ستُتاح خيارات عرض التسجيل أو تعديله أو حذفه أو تصديره إلى جهاز USB. سيؤدي الضغط على "View Performance Data" "عرض بيانات الأداء" إلى عرض درجة ميل المركبة والتدحرج والارتفاع والموقع لكل محطة مختارة. تُتاح ميزة Snapshot (لقطة شاشة)، حيث يمكن تصدير صورة لبيانات الأداء إلى جهاز USB متصل.

تصدير تسجيل على USB

بعد اختيار تسجيل محفوظ، اضغط على زر Export (تصدير) باتجاه الجزء السفلي من شاشة اللمس واختر خيار أيقونة USB. ستظهر رسالة منبثقة لاحقًا توضح ما إذا كان التصدير قد نجح أم لا.

أدلة المغامرات - إذا كانت السيارة مجهزة بذلك

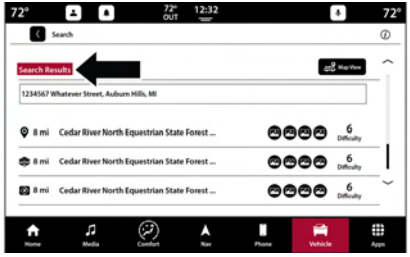
من أجل الدخول إلى ميزة Adventure Guides (أدلة المغامرات)، اضغط على أيقونة Vehicle (السيارة) في شريط القائمة السفلي لشاشة اللمس الخاصة بك. من لوحة العدادات بالسيارة، اضغط على "Adventure Guides" (أدلة المغامرات).



تطبيق Adventure Guides "أدلة المغامرات"

للبحث عن مسار على الطرق الوعرة:

1. اضغط على مربع البحث وأدخل عنوانًا أو كلمة أساسية.



ابحث عن مسار على الطرق الوعرة

ملاحظة:

- يلزم وجود اشتراك نشط في خدمات Brand Connect المتصلة للدخول إلى ميزة Adventure Guides (أدلة المغامرات). إذا لم تكن تمتلك اشتراكًا نشطًا، انقر على زر Register "تسجيل" على شاشة اللمس واتبع التعليمات.
- في حالة عدم وجود اتصال بالشبكة، ستظهر رسالة على شاشة اللمس الخاصة بك، "Data connection temporarily not available" "اتصال البيانات غير متاح مؤقتًا". Please try again later." "يُرجى إعادة المحاولة لاحقًا." اضغط على "OK" "موافق"، وتأكد من وجود اتصال مستقر بالشبكة.
- في حالة عدم وجود نتائج بحث داخل المنطقة التي أضفت فيها العنوان أو الكلمة الرئيسية، ستظهر رسالة "No Results Found" "لم يُعثر على نتائج" على شاشة اللمس.

5

تحديدها لتحديد نقطة المسار: يمكن وضع محطة سواء كانت السيارة في حالة حركة أو خارج وضع الحركة، ولكن يمكن تعديلها فقط عندما لا تكون السيارة متحركة. كإعداد افتراضي، يتم تسمية المحطات بترتيب زمني بالترتيب الذي يتم به تحديد المحطات أو إضافتها. يمكن إعادة تسميتها لاحقًا بالضغط على أيقونة التحرير الموجودة على يمين اسم المحطة الافتراضي.

- أماكن
- عائق
- إرشاد

ملاحظة:

يمكن وضع محطة سواء كانت السيارة في حالة حركة أو خارج وضع الحركة، ولكن يمكن تعديلها فقط عندما لا تكون السيارة متحركة.

توسيع/طي العرض

أثناء وجودك في شاشة Trail Recording (تسجيل المسار)، اضغط على الزر Expand (توسيع) الموجود على يمين Map View (عرض الخريطة) لتكبير شاشة Trail Map (خريطة المسار) أثناء التسجيلات. بمجرد توسيع العرض، اضغط على أيقونة الطي التي ستقلص خريطة المسار أثناء تسجيلات الشاشة.

تعديل مسار

بعد الانتهاء من تسجيل مسار ما، سيظهر مقياس لتقييم صعوبة المسار للرجوع إليه مستقبلاً. المقياس من 1-10 حيث يكون واحد هو الأسهل و 10 هو الأصعب.

ملاحظة:

لا يلزم ضبط الصعوبة لحفظ المسار ويمكن تعديله بعد ذلك.

تعديل/حذف محطة

من أجل تعديل محطة، اختر المحطة المرغوب بها على الخريطة. بمجرد اختيار المحطة، اختر نوعها. بمجرد اختيار المحطة، اختر نوعًا فرعيًا يصف المحطة. يتم سرد الأنواع الفرعية للمحطة في الجدول التالي. بمجرد تحرير الإحداثية، اضغط على زر Save (حفظ).

لحذف الإحداثية، حدد الإحداثية المرغوبة على الخريطة، ثم اضغط على زر Delete Waypoint (حذف إحداثية).

الأماكن المهمة	عوائق	إرشاد
تخييم	طين	منعطف لليسار
منظر خلاب	صخر	منعطف لليمين
منطقة تجمع	رمال	نهاية
بداية مسار	صعود حاد	منعطف حاد لليسار
المياه	نزول حاد	منعطف حاد لليمين
	المياه	بطيء
		إغلاق الطريق

يمكن إعادة تسمية المحطات لاحقًا بالضغط على أيقونة القلم الموجودة على يمين اسم المحطة الافتراضي. سيؤدي اختيار أيقونة القلم إلى إظهار لوحة مفاتيح تسمح لك بتخصيص اسم المحطة.

ملاحظة:

لا يُتاح تعديل المحطات أثناء حركة السيارة. من أجل تعديل وتخصيص المحطات، يجب ألا تكون السيارة متحركة.

إذا رغبت في حذف محطة، اختر المحطة التي قمت بإنشائها واضغط على زر حذف المحطة الموجود في أسفل شاشة اللمس الخاصة بك. ستظهر النافذة المنبثقة، "Your waypoint was deleted successfully" "تم حذف المحطة الخاصة بك بنجاح" على شاشة اللمس بمجرد حذف المحطة بنجاح.

حفظ وإلغاء مسار

عند الانتهاء من تعديل مسار ما، اختر "Save" "حفظ". سيُحفظ المسار في علامة تبويب Saved Recordings (التسجيلات المحفوظة).

سيؤدي اختيار "Cancel" "إلغاء" إلى حذف المسار، وستظهر شاشة منبثقة تسألك عما إذا كنت متأكدًا من رغبتك في إلغاء تسجيل المسار الحالي. سيؤدي اختيار "No, Don't Cancel" "لا، لا تُلغي"، أو الزر X، إلى شاشة تعديل المحطة. سيؤدي اختيار "Yes, Cancel" "نعم، إلغاء" إلى تجاهل تسجيل المسار المختار.

نظام SELEC-TERRAIN (التضاريس المحددة) - إذا كانت السيارة مزودة بذلك

تعرض صفحة Selec-Terrain وضع Selec-Terrain الحالي عبر صورة عالية الدقة. عند ضبط وضع Selec-Terrain ستتغير الصورة على الشاشة. يجب أن تكون السيارة في وضع ON/RUN (التشغيل/الانطلاق) لعرض معلومات Selec-Terrain.

الأوضاع القابلة للتحديد هي كما يلي:

- Rock (صخور) — يجب أن تكون السيارة في وضع 4WD Low (الدفع الرباعي المنخفض)
- الرمل/الطين
- الثلوج
- Auto (أوتوماتيكي) - الافتراضي
- Sport (الرياضة)

ملاحظة:

سيعرض شريط حالة صفحات الطرق غير الممهدة وضع Selec-Terrain الحالي أيضًا.

التعليق - إذا كانت السيارة مزودة بذلك

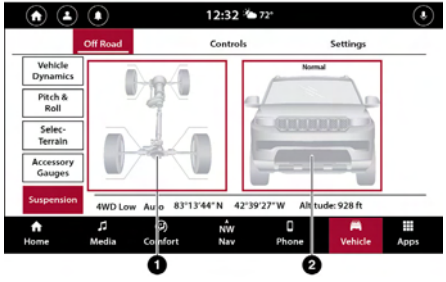
تعرض صفحة Suspension (التعليق) معلومات خاصة بتعليق السيارة.

يتم عرض المعلومات التالية:

- Wheel Articulation (نطاق حركة العجلة)
- حالة ارتفاع القيادة الحالية
  - Off Road 2 (طرق غير ممهدة 2)
  - Off-Road 1 (طرق غير ممهدة 1)
  - Normal (عادي)
  - Aero (الهوائي)
  - Entry/Exit (الدخول/الخروج)

ملاحظة:

سيتم تمثيل الحركة الجانبية للعجلة باللون الأصفر في نطاق الحركة الجانبية للعجلة. في حال ضبط ارتفاع القيادة، سيتحول مؤشر ارتفاع القيادة على الشاشة إلى الارتفاع المناسب وستُظهر الحركة الجانبية للعجلة الحركة ومقدار التغير في الارتفاع.



قائمة التعليق

1 — نطاق حركة العجلة
2 - ارتفاع القيادة الحالي

تسجيل المسار - إذا كانت السيارة مجهزة بذلك

نظرة عامة

يمكن الوصول إلى ميزة Trail Recording (تسجيل خط السير) من خلال مجموعة متنوعة من الطرق المختلفة: من خلال شاشة لوحة معلومات السيارة أو داخل Off-Road Pages (صفحات الطرق الوعرة). ستوجد خيارات ضمن "Trail Recording" (تسجيل المسار) حيث يمكنك البدء في تسجيل مسارك أو عرض التسجيلات المحفوظة حيث يمكنك مشاهدة مسارات سابقة مسجلة.

تسجيل مسار وإيقاف التسجيل

من أجل بدء تسجيل مسار، اختر "Start Recording" "بدء التسجيل" نحو الجزء السفلي من شاشة اللمس. بمجرد الاختيار، سيبدأ مسارك في التسجيل للمدة التي ترغب بها.

اختر إما حفظ المسار حيث سيظهر المسار المحفوظ في "Saved Recordings" "التسجيلات المحفوظة".
اختر إما حفظ المسار حيث سيظهر المسار المحفوظ في "Saved Recordings" "التسجيلات المحفوظة". من خلال اختيار "Cancel" "إلغاء" لن يُحفظ المسار، وسيُحذف المسار.

ملاحظة:

بعد 30 ميل (48 كم) سيظهر إشعار على شاشة اللمس والذي سيسألك عما إذا كنت ترغب في مواصلة التسجيل.

إضافة محطة

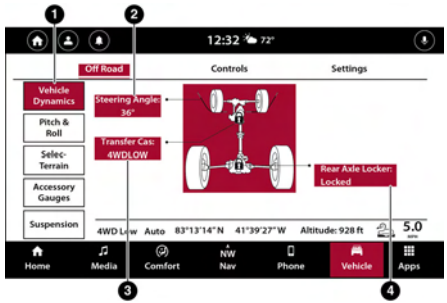
في أسفل اليسار من شاشة اللمس، اختر "Add Waypoint" "إضافة محطة" من شاشة تسجيل المسار. سيسمح هذا للمستخدم بتحديد موقع على طول المسار، أثناء وبعد التسجيل. توجد ثلاثة خيارات يمكن

VEHICLE DYNAMICS (ديناميكيات السيارة)

تعرض صفحة Vehicle Dynamics (ديناميكيات السيارة) المعلومات المتعلقة بمجموعة الدفع والحركة في السيارة.

يتم عرض المعلومات التالية:

- زاوية التوجيه بالدرجات
- حالة علبة النقل
- حالة قفل المحور الخلفي — إذا كانت السيارة مزوّدة بذلك

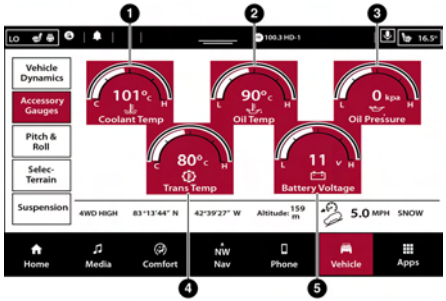


قائمة ديناميكيات السيارة

1 — Vehicle Dynamics (ديناميكيات السيارة)
2 - زاوية التوجيه
3 — علبة النقل
4 — حالة المحور الخلفي

مقاييس الملحقات

تعرض صفحة Accessory Gauges (المقاييس الملحقة) الحالة الراهنة لدرجة حرارة سائل التبريد ودرجة حرارة الزيت وضغط الزيت ودرجة حرارة ناقل الحركة وجُهد البطارية في السيارة.



قائمة المقاييس المُلحقة

1 — درجة حرارة سائل التبريد
2 — درجة حرارة الزيت
3 - ضغط الزيت
4 - Transmission Temperature
(درجة حرارة ناقل الحركة)
5 - Battery Voltage (فولطية البطارية)

التأرجح والانزلاق

تعرض صفحة Pitch & Roll (التأرجح والانزلاق) مستوى التأرجح الحالي للسيارة (ارتفاع الزاوية وانخفاضها) والانزلاق (حركة الزاوية من جانب لآخر) بالدرجات. توفر مقاييس Pitch & Roll (التأرجح والانزلاق) عرضًا مرئيًا للزاوية الحالية للسيارة.

قائمة Pitch & Roll (التأرجح والانزلاق)

1 — التأرجح الحالي
2 — الانزلاق الحالي

الشؤون القانونية والامتثال

للوصول إلى المعلومات القانونية ومعلومات الامتثال حول نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج من الشاشات الخلفية، اتبع هذه الخطوات:

1. اضغط على زر Gear/Settings (الترس/الإعدادات) الموجود على ريموت نظام Fire TV أو اضغط على الشاشة.
2. حدد رمز الترس/الإعدادات على الشاشة.
3. حدد "Settings" (الإعدادات) على الشاشة.
4. من داخل قائمة Settings (الإعدادات)، حدد "My Fire TV" (نظام Fire TV الخاص بي) ثم "Legal & Compliance" (الشؤون القانونية والامتثال).

OFF-ROAD PAGES (صفحات الطرق غير الممهدة) — إذا كانت السيارة مزوّدة بذلك

قد تكون سيارتك مجهزة بنظام Off-Road Pages (صفحات الطرق غير الممهدة)، الذي يقدم معلومات حالة السيارة أثناء التشغيل في ظروف الطرق غير الممهدة. توفر معلومات تتعلق بارتفاع ركوب السيارة وحالة علبة النقل وتأرجح السيارة وانزلاقها ووضع Selec-Terrain (التضاريس المحددة) النشط.

للوصول إلى Off-Road Pages (صفحات الطرق غير الممهدة)، اضغط على زر Off Road (الطرق غير الممهدة) على شاشة اللمس من قائمة Vehicle (السيارة)، ثم اضغط على "Launch Off-Road" (تشغيل تطبيق الطرق غير الممهدة).

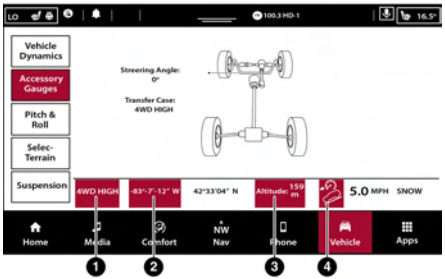
يتضمن تطبيق Off Road Pages (صفحات الطرق غير الممهدة) الصفحات القابلة للتحديد التالية:

- Vehicle Dynamics (ديناميكيات السيارة)
- مقاييس الملحقات
- التأرجح والانزلاق
- نظام Selec-Terrain (التضاريس المحددة) - إذا كانت السيارة مزودة بذلك
- التعليق - إذا كانت السيارة مزودة بذلك

شريط حالة OFF-ROAD PAGES (صفحات الطرق غير الممهدة)

يوجد شريط حالة Off-Road Pages (صفحات الطرق غير الممهدة) على طول الجزء السفلي من صفحات الطرق غير الممهدة ويوجد في كل خيار من خيارات الصفحات القابلة للتحديد. ويوفر باستمرار تحديثًا للمعلومات الخاصة بالعناصر التالية:

- حالة علبة النقل الحالية
- وضع Selec-Terrain الحالي
- خط العرض/خط الطول الحالي
- الارتفاع الحالي للسيارة
- حالة التحكم في النزول من على المرتفعات
- التحكم في النزول من على المرتفعات أو التحكم في تحديد السرعة من خلال السرعة المحددة بوحدة ميل/ساعة (كم/ساعة).



شريط الحالة

1 — حالة علبة النقل
2 - خط العرض/خط الطول الحالي
3 - الارتفاع الحالي
4 — التحكم في النزول من على المنحدرات

الرمز	الوصف
	زرا رفع وخفض درجة الحرارة للركاب في الخلف يتيحان للركاب في الخلف التحكم المستقل في درجة الحرارة. اضغط على الزر الموجود على شاشة اللمس لزيادة درجة الحرارة أو خفضها. سوف تصبح درجة الحرارة أكثر دفئًا مع تحريك السهم الأحمر لأعلى، وستصبح أكثر برودة مع تحريك السهم الأزرق لأسفل.
وضع البطانة العلوية	**وضع البطانة العلوية** يخرج الهواء من المنافذ في البطانة العلوية. ومن الممكن ضبط كل منفذ على حدة لتوجيه تيار الهواء. ويؤدي تحريك ريشات الهواء للمنافذ إلى أحد الجانبين إلى إيقاف تشغيل تدفق الهواء.
مفتاح التحكم في الوضع	**زر التحكم في الوضع على لوحة أجهزة القياس** يمكن تحديد وضع توزيع تدفق الهواء أيضًا بالضغط على مفتاح التبديل المادي الموجود على لوحة أجهزة القياس، أسفل شاشة الراديو. يؤدي الضغط على مفتاح التبديل هذا إلى الأسفل إلى التنقل عبر تشكيلات الأوضاع السبعة بالترتيب الآتي: الوجه، والوجه/القدمان، والقدمان، والزجاج الأمامي/القدمان، والزجاج الأمامي، والزجاج الأمامي/الوجه، والزجاج الأمامي/الوجه/القدمان. تتكرر الدورة إذا استمر الضغط على الزر.
وضع الأرضية	**وضع الأرضية** يخرج الهواء عبر المنافذ الأرضية.
1، 2، 3، إلخ	**التحكم في المروحة** يستخدم مفتاح التحكم في المروحة لتنظيم كمية الهواء الداخل عبر نظام التحكم في درجة الحرارة. وللمروحة سبع سرعات متاحة. ويؤدي ضبط المروحة إلى تبديل الوضع Automatic (الأوتوماتيكي) إلى التشغيل Manual (اليدوي).

مفاتيح التحكم في درجة الحرارة الخلفية

يمكن أيضًا التحكم في مفاتيح التحكم في درجة الحرارة الخلفية باستخدام نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج ⇦ صفحة ٦٨

يمكن الوصول إلى مفاتيح التحكم في درجة الحرارة الخلفية باستخدام قائمة Vehicle (السيارة). اضغط على أي من الشاشتين الخلفيتين وحدد رمز السيارة أو اضغط على زر Vehicle (السيارة) الموجود على ريموت نظام Fire TV. ثم حدد خيار Rear Climate Controls (مفاتيح التحكم في درجة الحرارة الخلفية).

الخيارات ضمن مفاتيح التحكم في درجة الحرارة الخلفية هي:

5

الرمز	الوصف
ON (التشغيل)	**زر تشغيل التحكم في درجة الحرارة** اضغط على هذا الزر وحرره لتشغيل مفاتيح التحكم في درجة الحرارة الخلفية.
OFF (إيقاف التشغيل)	**زر إيقاف تشغيل التحكم في درجة الحرارة** اضغط على هذا الزر وحرره لإيقاف تشغيل مفاتيح التحكم في درجة الحرارة في الخلف.
SYNC (المزامنة)	**زر SYNC (المزامنة)** يؤدي الضغط على هذا الزر إلى مزامنة كلا جانبي مفاتيح التحكم في درجة الحرارة الخلفية.
AUTO	**زر AUTO (المزامنة)** يقوم بالتحكم أوتوماتيكيًا في درجة حرارة المقصورة الداخلية الخلفية عن طريق ضبط توزيع تدفق الهواء وكمية الهواء. سيؤدي تبديل هذه الوظيفة إلى تبديل النظام ما بين الوضع Manual (اليدوي) والوضع Automatic (الأوتوماتيكي).

ملاحظة:

لا يمكن عكس شاشة الراديو الأمامي ومشاهدتها إلا عندما تكون السيارة في وضع PARK (التوقف). يجب أن تكون السيارة ضمن نطاق خلوي نشط ويمكن استخدامه ومزوّدة بشكل صحيح بنظام Uconnect 5 NAV ونظام الترفيه في المقاعد الخلفية المزوّد بحزمة نظام Fire TV. للبث، يلزم توفر اتصال Wi-Fi وحساب Amazon مُسجّل لتشغيل نظام Fire TV في السيارة. لا يتم تضمين الاشتراكات في خدمة البث. تخضع الخدمات والميزات للتغيير أو السحب في أي وقت، وقد لا تتوفر بكل المناطق واللغات، وقد تتطلب اشتراكات منفصلة.

تطبيقات/ألعاب نظام FIRE TV (باستخدام الشاشات الخلفية)

يمكن الوصول إلى التطبيقات والألعاب باستخدام نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج.

للوصول إلى التطبيقات على الشاشة الخلفية، شغّل النظام وحدد "Find" (بحث) في القائمة العلوية. في الصفحة Find (بحث)، حدد "Appstore". يمكنك شراء التطبيقات والألعاب من App Store® (متجر التطبيقات). ومن هنا يمكنك أيضًا الاختيار من بين كل التطبيقات والألعاب التي تم شراؤها.

استخدام منفذ VIDEO USB

قم بتوصيل محرك أقراص USB أو جهاز ذي سعة تخزينية كبيرة وقم بتشغيل الموسيقى أو الأفلام المفضلة لديك.

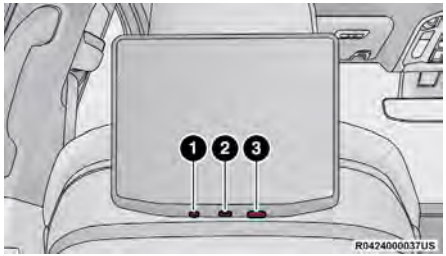
ملاحظة:

لعرض وسائط USB على الشاشات الخلفية، أدخل محرك أقراص USB في المنفذ. يوجد منفذ محرك USB أسفل مفاتيح التحكم في الراديو في لوحة أجهزة قياس.

يمكنك من الشاشة الخلفية استعراض محتوى جهاز USB عن طريق الانتقال إلى مصدر USB من المدخلات. استخدم ميزة البحث للعثور على الوسائط بشكل أسرع.

تشغيل ألعاب الفيديو

قم بتوصيل وحدة تحكم ألعاب الفيديو بأي من منافذ HDMI الموجودة خلف أي من مقاعد الصف الأول.



مقبس سماعة الرأس/HDMI/USB

1 — مقبس سماعة الرأس (مخرج سماعة الرأس فقط)
2 — منفذ USB (شحن فقط)
3 - منفذ HDMI (الأجهزة الإضافية)

ملاحظة:

قد تتجاوز بعض ألعاب الفيديو المتقدمة حد الطاقة الخاص بالمحول العامل بالطاقة في السيارة ⇦ صفحة ٨٤

تشغيل سماعات الرأس

لا يأتي نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج بسماعات رأس. سيتعين على العملاء توفير سماعات الرأس اللاسلكية الخاصة بهم التي يمكن إقرانها بالنظام باستخدام Bluetooth®. يمكن للعملاء أيضًا استخدام سماعات الرأس السلكية الخاصة بهم وتوصيلها بمقبس سماعة رأس موجود أسفل إحدى الشاشات الخلفية.

إقران سماعات الرأس اللاسلكية

لإقران سماعات الرأس اللاسلكية بنظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج باستخدام الشاشات الخلفية، اتبع هذه الخطوات:

1. اضغط على زر Gear/Settings (الترس/الإعدادات) الموجود على ريموت نظام Fire TV أو اضغط على الشاشة.
2. حدد رمز الترس/الإعدادات على الشاشة.
3. حدد "Settings" (الإعدادات) على الشاشة.
4. من داخل Settings (الإعدادات)، حدد "Controllers & Bluetooth® Devices" (وحدات التحكم وأجهزة Bluetooth®).
5. حدد "Other Bluetooth® Devices" (أجهزة Bluetooth® أخرى) واتبع الخطوات التي تظهر على الشاشة للإقران.

في حين يمكن إقران سماعات رأس متعددة، ستُصدر إحداها فقط الصوت في كل مرة.

ستكون هذه الخيارات موجودة في قائمة "Browse Media" (استعراض الوسائط) العلوية وتتضمن:

- **Fire TV** — يؤدي تحديد "Fire TV" إلى إظهار خيارات البث الخاصة بالفئات وتحديد التطبيقات. سيكون هذا الخيار قابلاً للتحديد على قائمة شريط التمرير الأيسر في "Browse Media" (استعراض الوسائط) من داخل "Browse Media" (استعراض الوسائط) ضمن Fire TV، سيعرض النشاط الأخير ضمن "Recent" (الأحدث). سيؤدي ذلك إلى عرض مقاطع الفيديو الأخيرة التي تم عرضها من نظام Fire TV بالإضافة إلى التنزيلات الأخيرة أيضًا.
- **فيديو USB** — ضمن "USB Videos" (مقاطع فيديو USB)، ستظهر مقاطع الفيديو التي لها خيارات بجهاز USB المتصل بنظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج.
- **موسيقى USB** — ضمن "USB Music" (موسيقى USB)، ستظهر مقاطع الفيديو التي لها خيارات بجهاز USB المتصل بنظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج.

الوصول باستخدام ريموت نظام Fire TV والشاشات الخلفية

سيتمكن الركاب في الخلف من الوصول إلى بعض خيارات البث بالضغط على زر "Prime Video" أو "App 1" (التطبيق 1) على ريموت نظام Fire TV. يؤدي تحديد أحد هذه الأزرار على ريموت نظام Fire TV إلى نقلك إلى الصفحة الرئيسية لخدمة البث ذات الصلة هذه. سيؤدي تشغيل أي من الشاشتين الخلفيتين إلى تشغيل نظام Fire TV. افتراضيًا، يتم تشغيل الشاشات الخلفية دائمًا على نظام Fire TV. يمكن تحديد المزيد من خيارات البث على صفحة نظام Fire TV الرئيسية.

حريق

Fire TV هو مصدرك للبث عبر الإنترنت باستخدام نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج.

ملاحظة:

يجب توصيل مصدر بيانات بالنظام حتى يمكن الوصول إلى البث. يمكن إعداد هذا النظام عند تشغيل نظام Fire TV للمرة الأولى في الشاشات الخلفية. قد تشمل بعض الخيارات نقطة اتصال Wi-Fi من الجيل الرابع (4G) داخل السيارة أو نقطة اتصال Wi-Fi مُمكنة من جهاز محمول أو شبكة Wi-Fi من مصدر خارجي مثل المنزل أو المرأب.

للوصول إلى نظام Fire TV على الشاشة الأمامية، حدد "Launch Source" (مصدر التشغيل) على شاشة اللمس الأمامية ثم "Fire TV Home" (الشاشة الرئيسية لنظام Fire TV) ضمن Inputs (المدخلات).

يعمل العرض من شاشة الراديو الأمامي أو من شاشة الراكب على عكس تجربة نظام Fire TV أو التحكم فيها من إحدى شاشات نظام Fire TV الخلفية.

سوف يحتوي شريط قائمة نظام Fire TV على خيارات "Home" (الشاشة الرئيسية)، و"Find" (البحث)، و"Library" (المكتبة)، و"Brand" (العلامة التجارية)، و"Live" (مباشر).

ستتوفر خيارات البث المرتبطة بحسابك الرئيسي مثل "Prime Video" أسفل شريط القائمة.

توفر شاشة الراديو الأمامي بعض الخيارات:

- **Power (الطاقة)** — يعمل على تشغيل نظام Fire TV أو إيقاف تشغيله.
- **Screen 1 and Screen 2 Toggle (التبديل بين الشاشة 1 والشاشة 2)** — يعمل على التبديل بين الشاشات الخلفية (للاستخدام مع شاشة الراديو الأمامي فقط).
- **Collapse (الطي)** — في أثناء العرض على شاشة الراديو الأمامي، يعمل على طي الشاشة لعرض لوحة المعلومات.
- **Source Drawer (درج المصدر)** — يعمل على فتح "Source Drawer" (درج المصدر) وسيتم عرض شعار المصدر على الرمز.
- **Browse Media (استعراض الوسائط)** — يعمل على فتح النافذة المنبثقة "Browse Media" (استعراض الوسائط).
- **Back (رجوع)** — يسمح لك بالعودة إلى الصفحة السابقة.
- **Fire TV Home(شاشة نظام Fire TV الرئيسية)** — يعيدك إلى صفحة نظام Fire TV الرئيسية.
- **Menu (القائمة)** — يعمل على فتح قائمة نظام Fire TV.
- **رمز الريموت** — يعرض الريموت على الشاشة.

1. **زر الطاقة** — تشغيل شاشة القناة المحددة أو إيقاف تشغيلها.
2. **مفتاح التحكم في التنقل الخماسي الاتجاهات** — يتضمن مفتاح التحكم هذا خيارات بالضغط على زر الدائرة لأعلى أو لأسفل أو لليسار أو لليمين للتنقل على الشاشة للوصول إلى التحديدات والضغط على الزر الأوسط لتأكيد التحديدات.
3. **Back (رجوع)** — اضغط للخروج من القوائم أو للعودة إلى الشاشة السابقة.
4. **Home (الشاشة الرئيسية)** — اضغط للعودة إلى شاشة Fire TV الرئيسية.
5. **Seek Backward/Rewind Button (زر محاولة الترجيع/التقديم)** — اضغط مع الاستمرار لإجراء الترجيع السريع للمسار الصوتي أو فصل الفيديو الحالي. اضغط مرة واحدة للعودة إلى المسار السابق.
6. **Volume (مستوى الصوت)** — اضغط على الزر - لخفض مستوى الصوت وعلى الزر + لرفع مستوى الصوت.
7. **Channel Guide (دليل القنوات)** — اضغط للوصول إلى دليل القنوات الخاص بالنظام.
8. **Mute (كتم الصوت)** — لكتم صوت سماعة الرأس.
9. **Prime Video** — اضغط لتشغيل تطبيق Prime Video.
10. **زر Download (تنزيل)** — اضغط للوصول إلى الأفلام/العروض التي يمكن تنزيلها إلى نظام Fire TV .
11. **Menu (القائمة)** — اضغط للوصول إلى قائمة نظام Fire TV.
12. **زر Seek Forward (محاولة التقديم)**— اضغط مع الاستمرار لإجراء التقديم السريع للمسار الصوتي أو فصل الفيديو الحالي. اضغط مرة واحدة للتخطي إلى المسار التالي.
13. **زر Play/Pause (التشغيل/الإيقاف المؤقت)** || — لبدء/استئناف تشغيل القرص أو إيقافه مؤقتًا.
14. **Channel +/- (قناة لأعلى/لأسفل)** — اضغط على زر السهم لأعلى أو لأسفل على زر Channel (القناة) لاستعراض القنوات المتوفرة في نظام Fire TV.
15. **Recent (الأخيرة)** — اضغط للوصول إلى المحتوى الذي تم عرضه مؤخرًا على Fire TV.
16. **Gear/Settings الترس/الإعدادات** — اضغط لعرض خيارات إعداد نظام Fire TV.
17. **App 1 (التطبيق 1)** — اضغط لتشغيل التطبيق 1.
18. **زر Vehicle (السيارة)** — اضغط لتنشيط قائمة Vehicle (السيارة).

استبدال بطاريات ريموت نظام FIRE TV

يتطلب كل ريموت لنظام Fire TV بطاريتين مقاس AAA لتشغيله.

لاستبدال البطاريات:

1. حدد موضع حجيرة البطارية بالجزء الخلفي من ريموت نظام Fire TV، ثم أنزل غطاء البطارية لأسفل.
2. قم بإزالة البطاريتين القديمتين واتبع إجراءات إعادة التدوير المتبعة في منطقتك.
3. ركب البطاريتين الجديدتين وتأكد من توجيههما وفقًا لرسم القطبية الموضح داخل موضع البطارية.
4. أعد غطاء حجيرة البطارية إلى مكانه مرة أخرى.

نظام الترفيه في المقاعد الخلفية المزوّد ببث نظام FIRE TV المدمج (باستخدام الراديو الأمامي والشاشات الخلفية)

الوصول باستخدام مصدر التشغيل

للوصول إلى نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج من الراديو الأمامي، اضغط على علامة تبويب Media (الوسائط) الموجودة في شريط القائمة السفلي. ثم حدد خيار Rear Seat (المقعد الخلفي) الموجود في شريط القائمة العلوي. حدد "Launch Source" (مصدر التشغيل)، ثم ضمن "Inputs" (المدخلات)، حدد "Fire TV Home" (شاشة نظام Fire TV الرئيسية).

الوصول باستخدام استعراض الوسائط

يؤدي تحديد "Browse Media" (استعراض الوسائط) على شاشة الراديو الأمامي إلى منح الوصول إلى الوسائط المختلفة في نظام الترفيه في المقاعد الخلفية المزوّدة بنظام Fire TV المدمج.

إقران ريموت نظام FIRE TV (باستخدام الشاشات الخلفية)

إذا كان يلزم إقران ريموت نظام Fire TV مرة أخرى أو إذا كان يتم إقران ريموت جديد، فاتبع هذه الإجراءات:

1. ركِب البطاريات في الريموت.
2. اضغط على الشاشة وحدد رمز الترس/الإعدادات على الشاشة.
3. حدد "Settings" (الإعدادات) على الشاشة.
4. من Settings (الإعدادات)، حدد "Controllers & Bluetooth® Devices" (وحدات التحكم وأجهزة Bluetooth®).
5. من هذه القائمة، حدد "Add New Remote" (إضافة ريموت جديد).
6. اتبع الخطوات التي تظهر على الشاشة لإقران ريموت نظام Fire TV.

يمكن أن تؤدي الضغطة الطويلة على زر Home (الرئيسية) أيضًا إلى إعادة إقران ريموت نظام Fire TV الذي تم فصله.

ملاحظة:

إن سيارتك مزودة بوحدتي ريموت لنظام Fire TV. يمكن إقران ريموت نظام Fire TV بكل شاشة خلفية. وسيعمل مع الشاشة الخلفية التي تم إقرانه بها. يجب تنفيذ خطوات الإقران لكل شاشة خلفية.

دخل مصادر الوسائط (باستخدام الراديو الأمامي والشاشات الخلفية)

شاشة الراديو الأمامي

يمكن للمستخدمين تحديد مدخلات كل شاشة خلفية من شاشة لمس الراديو الأمامي عن طريق تحديد علامة تبويب Rear Seat (المقعد الخلفي) واختيار المحتوى المطلوب عن طريق تحديد "Launch Source" (مصدر التشغيل) في علامة التبويب Screen 1 (الشاشة 1) أو Screen 2 (الشاشة 2).

المدخلات المتوفرة في مصدر التشغيل ضمن "Inputs" (المدخلات) هي "Fire TV"، و"HDMI" و"USB".

الشاشات الخلفية

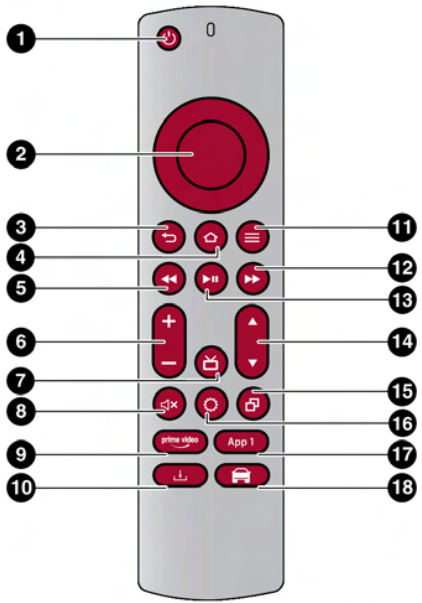
لتحديد المدخلات على الشاشة الخلفية، قم بالتمرير لأسفل على شاشة نظام Fire TV الرئيسية وحدد الدخل المطلوب ضمن "Input" (الدخل).

يمكن تحديد المدخلات أيضًا من علامة تبويب Brand (العلامة التجارية) في القائمة العلوية. من داخل علامة التبويب هذه، قم بالتمرير لأسفل وصولاً إلى "Inputs" (المدخلات) للوصول إلى خيارات التحديد.

ملاحظة:

ستعتمد تسمية علامة تبويب Brand (العلامة التجارية) في القائمة العلوية على تسمية العلامة التجارية للسيارة.

ريموت نظام FIRE TV



ريموت نظام Fire TV

ملاحظة:

عند اتصال شبكة بالنظام للمرة الأولى، سيتم تحديث البرنامج عبر الأثير باستخدام اتصال Wi-Fi. يوصى باستخدام اتصال Wi-Fi غير محدود، إن توفر، في أثناء هذا التحديث. بعد هذا التحديث للمرة الأولى، لن تجري التحديثات إلا عند توفر التحديث.

تسجيل الدخول إلى الحساب

ستتمثل الخطوة التالية في خيار تسجيل الدخول إلى حساب Amazon الخاص بك.

يوجد خياران لتسجيل الدخول إلى النظام:

- **I already have an Amazon account: (لديّ حساب Amazon بالفعل:)** يتم تسجيل الدخول باستخدام حساب Amazon موجود بالفعل
- **I am new to Amazon: (أنا جديد على Amazon:)** يتم إنشاء حساب Amazon جديدٍ

إذا تم تحديد "I am new to Amazon" (أنا جديد على Amazon)، فاتبع الخطوات التي تظهر على الشاشة لإعداد حساب Amazon بالنظام.

عناصر تحكم الوالدين

توجد ميزة أخرى ستظهر خلال هذا الإعداد للمرة الأولى وهي عناصر تحكم الوالدين.

عند ظهور صفحة عناصر تحكم الوالدين، فإنها توفر الخيارين "Enable Parental Controls" (تمكين عناصر تحكم الوالدين) و"No Parental Controls" (بدون عناصر تحكم الوالدين). إذا تم تحديد "Enable Parental Controls" (تمكين عناصر تحكم الوالدين)، فاتبع الخطوات التي تظهر على الشاشة لإعداد عناصر تحكم الوالدين للنظام.

الاستماع عبر مكبرات صوت السيارة

تُعد ميزة الاستماع إلى الراديو الأمامي إحدى ميزات نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج. على الشاشة الرئيسية للراديو الأمامي لنظام Fire TV، حدد الزر Listen (استماع) في الزاوية العلوية اليمنى على أي بطاقة للشاشة 1 أو 2. سيتيح لك ذلك تشغيل أي من الشاتين الخلفيتين للصوت عبر كل مكبرات الصوت في السيارة.

القائمة السريعة

يمنحك الوصول إلى القائمة السريعة المزيد من الخيارات لنظام Fire TV.

للوصول إلى القائمة السريعة، اضغط على الشاشة وستظهر. يمكن الوصول إلى القائمة السريعة أيضًا بالضغط على زر Gear/Settings (الترس/الإعدادات) على ريموت نظام Fire TV.

في ما يلي بعض خيارات القائمة السريعة:

- **Power (الطاقة)** — يوقف تشغيل الشاشة.
- **On-Screen Remote (الريموت على الشاشة)** — يعرض الريموت على الشاشة لاستخدامه مع النظام.
- **Back (رجوع)** — يسمح لك بالعودة إلى إحدى الصفحات.
- **Home (الشاشة الرئيسية)** — ينقلك إلى الشاشة الرئيسية.
- **Gear/Settings (الترس/الإعدادات)** — يتيح لك الوصول إلى إعدادات معينة في النظام. للوصول إلى مزيد من خيارات الإعدادات، حدد "Settings" (الإعدادات) في قائمة Gear/Settings (الترس/الإعدادات) على الشاشة.
- **Vehicle (السيارة)** — يعرض قائمة Vehicle (السيارة). من هنا يمكنك ضبط عناصر التحكم في درجة الحرارة الخلفية وتطبيق Are We There Yet?.

عناصر تحكم الوالدين (باستخدام الشاشات الخلفية)

إذا لم يتم ضبط عناصر تحكم الوالدين في أثناء بدء تشغيل النظام للمرة الأولى، يمكن ضبطها باتباع الخطوات التالية:

1. اضغط على زر Gear/Settings (الترس/الإعدادات) الموجود على ريموت نظام Fire TV أو اضغط على الشاشة للوصول إلى Settings (الإعدادات) في "القائمة السريعة".
2. حدد رمز الترس/الإعدادات على الشاشة.
3. حدد "Settings" (الإعدادات) على الشاشة.
4. من داخل Settings (الإعدادات)، حدد "Preferences" (التفضيلات).
5. حدد "Parental Controls" (عناصر تحكم الوالدين)؛ فمن هنا يمكنك تشغيل عناصر تحكم الوالدين أو إيقاف تشغيلها وإعداد رقم التعريف الشخصي لعناصر التحكم باستخدام ريموت نظام Fire TV.

الوصول إلى نظام الترفيه في المقاعد الخلفية المزوّد بنظام FIRE TV المدمج من شاشة الراديو الأمامي

يمكنك الوصول إلى نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج باتباع هذه الخطوات:

الخيار 1

1. اضغط على زر Media (الوسائط).
2. اضغط على رمز زر Rear Seat (المقعد الخلفي).

الخيار 2

1. اضغط على زر Apps (التطبيقات) بأسفل شاشة اللمس.
2. اضغط على زر Uconnect Theater على شاشة اللمس. قد يتعين عليك التنقل إلى صفحات مختلفة في Apps drawer للعثور على زر Uconnect Theater.

الوُصول إلى نظام الترفيه في المقاعد الخلفية المزوّد بنظام FIRE TV المدمج من الشاشات الخلفية

يمكنك أيضًا الوصول إلى نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج عن طريق اختيار أحد الخيارات التالية:

الخيار 1

- سيتم تشغيل النظام أوتوماتيكيًا عند بدء تشغيل السيارة. يؤدي الضغط على زر الطاقة الموجود على ريموت نظام Fire TV إلى إعادة تشغيل النظام إذا تم إيقاف تشغيله يدويًا. إذا كانت الشاشة غير نشطة وتحولت إلى شاشة توقف، يمكن تنشيط النظام إما بالنقر فوق الشاشة أو بالضغط على أي زر على ريموت نظام Fire TV.

الخيار 2

- السحب على أي من شاشتي اللمس الخلفيتين.

ملاحظة:

عند استخدام الشاشات الخلفية، سيعمل النظام بنظام Fire TV.

الوصول إلى نظام الترفيه في المَقاعد الخلفية المزوّد بنظام FIRE TV المدمج من شاشة الراكب — إذا كانت السيارة مزوّدة بذلك

يمكنك أيضًا الوصول إلى نظام الترفيه في المقاعد الخلفية المزوّد بمحتوى نظام Fire TV المدمج من شاشة Passenger (الراكب).

اتبع هذه الخطوات:

1. قم بالوصول إلى الشاشة الرئيسية لشاشة Passenger (الراكب).
2. اسحب لليمين على الشاشة الرئيسية وحدد Fire TV Rear Seat Entertainment Controls (عناصر التحكم في نظام الترفيه في المقاعد الخلفية لنظام Fire TV).

بدء التشغيل لأول مرة (باستخدام الشاشات الخلفية)

شاشة التمهيد

عند تشغيل النظام للمرة الأولى من الشاشات الخلفية، تظهر شاشة تمهيد على النظام تعرض شعار نظام Fire TV.

في أثناء تتابع التمهيد هذا، ستتوفر خيارات اللغة للنظام.

ريموت نظام Fire TV

بعد اكتمال تسلسل التمهيد، سيوفر النظام حينئذ خيار إقران ريموت نظام Fire TV (يُرفق اثنان مع النظام).

اتبع التعليمات التي تظهر على الشاشة للتعرف على كيفية إقران ريموت نظام Fire TV بالنظام. يتم إرفاق جهازي ريموت لنظام Fire TV لإقرانهما بكل شاشة خلفية.

يمكن إقران ريموت نظام Fire TV بكل شاشة خلفية. وسيعمل مع الشاشة الخلفية التي تم إقرانه بها. يجب تنفيذ خطوات الإقران لكل شاشة خلفية.

ملاحظة:

في حال فشل إقران ريموت نظام Fire TV، ستظهر تعليمات على الشاشة لمحاولة الإقران مرة أخرى.

الاتصال بشبكة

في أثناء عملية بدء التشغيل، يجب أن يكون النظام متصلاً بشبكة حتى يعمل. يمكن أن تكون مصادر الشبكة المتعددة خيارات للنظام.

في ما يلي بعض خيارات اتصال الشبكة:

- نقطة اتصال Wi-Fi باستخدام هاتف ذكي متوافق (إذا تم تنشيطها، فستظهر كشبكة ممكنة للنظام على الشاشة).
- اتصال خارجي مثل شبكة Wi-Fi منزلية.
- اتصال Wi-Fi داخل السيارة.

نظام الترفيه في المقاعد الخلفية المزوّد بجهاز Amazon Fire TV المدمج — إذا كانت السيارة مزوّدة بذلك

نظرة عامة

نظام الترفيه في المقاعد الخلفية (RSE) المزوّد بنظام Fire TV المدمج مُصمّم ليوفر للعائلة سنوات من المتعة.

يتيح نظام Fire TV للركاب الاستمتاع بمجموعة كبيرة من المحتويات من التطبيقات الشائعة (قد يلزم الاشتراكات). يمكنك بث مقاطع الفيديو وتشغيل الألعاب والاستماع إلى الموسيقى والحصول على المعلومات ومشاهدة البرامج التي تم تنزيلها في أثناء التنقل. يتم تضمين وحدتي ريموت لنظام Fire TV مع النظام. بالإضافة إلى بث المحتوى وتنزيله، يُمكِنك أيضًا تغيير الدخل في نظام Fire TV من:

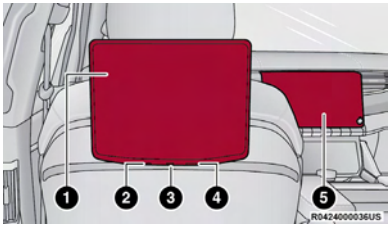
- عكس الموجود على هاتفك أو جهاز الكمبيوتر اللوحي لديك على نظام Fire TV عبر الأجهزة المتوافقة مع Miracast.
- الاستمتاع ببث برامجك المفضلة باستخدام نظام Fire TV.
- توصيل مجموعة من ألعاب الفيديو أو الأجهزة القياسية بمنفذ HDMI وتشغيلها.
- الاستماع إلى الصوت عبر سماعات الرأس السلكية أو اللاسلكية (غير مرفقة، وسيتعين على العميل توفير السماعات الخاصة به).
- توصيل العديد من الأجهزة بمنفذ USB الخاص بالفيديو في المقعد الأمامي وتشغيلها. منافذ USB الموجودة أسفل الشاشات الخلفية مخصصة للشحن فقط.
- مشاهدة المحتوى بشكل فردي على كل شاشة عرض خلفية أو مرآة على كلتا شاشتي العرض للمشاهدة معًا.

ملاحظة:

يجب أن تكون السيارة ضمن نطاق خلوي نشط ويمكن استخدامه ومزوّدة بشكل صحيح بنظام Uconnect NAV 5 ونظام الترفيه في المقاعد الخلفية المزوّد بحزمة نظام Fire TV. يتطلب البث اتصال Wi-Fi وحساب Amazon مسجلاً لتشغيل نظام Fire TV في السيارة. لا يتم تضمين الاشتراكات في خدمة البث. تخضع الخدمات والميزات للتغيير أو السحب في أي وقت، وقد لا تتوفر بكل المناطق واللغات، وقد تتطلب اشتراكات منفصلة.

تُرجى مراجعة دليل المالك هذا للتعرف على ميزات نظام الترفيه في المقاعد الخلفية (RSE) وتشغيله.

بدء الاستخدام



نظام الترفيه في الشاشة الخلفية لنظام Uconnect 5/5 NAV

1 — نظام الترفيه في المقاعد الخلفية (شاشة اللمس الخلفية)
2 — مقبس سماعة الرأس
3 — منفذ شحن USB C
4 - منفذ HDMI (الأجهزة الإضافية)
5 — نظام Uconnect (شاشة اللمس الأمامية)

توجد أربع طرق مختلفة لتشغيل ميزات نظام الترفيه في المقاعد الخلفية المزوّد بنظام Fire TV المدمج:

- ريموت نظام Fire TV
- شاشة الراديو الأمامي
- شاشة Passenger (الراكب) (إذا كانت السيارة مزودة بذلك)
- شاشات اللمس الخلفية الفردية لنظام الترفيه في المقاعد الخلفية المزود بنظام Fire TV المدمج في كل شاشة لمس خلفية

للحصول على معلومات حول منافذ USB/AUX بمحور الوسائط الأمامي ⇦ صفحة ٨٠.

Change Channel Down (تغيير القناة لأسفل)	اضغط لتغيير القناة لأسفل. اضغط مع الاستمرار للبحث لأسفل. في أثناء استخدام AM/FM، يؤدي الضغط على القناة لأسفل إلى تغيير التردد بمقدار 0.1. يؤدي الضغط باستمرار على AM/FM إلى البحث عن القنوات.
Change Channel Up (تغيير القناة لأعلى)	اضغط لتغيير القناة لأعلى. اضغط مع الاستمرار للبحث لأعلى. في أثناء استخدام AM/FM، يؤدي الضغط على القناة لأعلى إلى تغيير التردد بمقدار 0.1. يؤدي الضغط باستمرار على AM/FM إلى البحث عن القنوات.
Menu (القائمة)	اضغط للوصول إلى إعدادات McIntosh.
About (حول)	اضغط لمعرفة المزيد عن McIntosh.
Audio (الصوت)	اضغط لفتح صفحة إعدادات الصوت الخاصة بمشغل الوسائط في نظام Uconnect.

ملاحظة:

لتغيير المصدر من داخل التطبيق، اضغط على اسم المصدر. يؤدي الضغط على هذا الزر إلى فتح قائمة بكل المصادر المتوفرة. لتغيير مصدر الصوت من خارج التطبيق، اضغط على زر Media (الوسائط)، ثم اضغط على زر Sources (المصادر).

للخروج من التطبيق، اضغط على أي زر من الأزرار الموجودة في شريط القائمة السفلي.

وضع النهار/الليل

اضغط على زر Menu (القائمة) في الزاوية العلوية اليسرى للوصول إلى إعدادات McIntosh. اضغط على أحد الأوضاع لضبطه كالوضع الافتراضي، أو اضغط على "Auto Mode" (الوضع الأوتوماتيكي) لتمكين شاشتك من التبديل أوتوماتيكيًا بين وضعي النهار والليل.

وضع المسرح

اضغط على زر Menu (القائمة) في الزاوية العلوية اليسرى للوصول إلى إعدادات McIntosh. في Theater Mode (وضع المسرح)، حدد "On" (تشغيل) لتقديم عدادات McIntosh. سيؤدي هذا إلى تكبير العدّادات للحصول على رؤية أكثر وضوحًا.

ملاحظة:

سيتم تشغيل وضع المسرح بعد 10 ثوان من دون إدخال من المستخدم.

للحصول على مزيد من المعلومات حول McIntosh وتطبيق McIntosh ووظائفه، تُرجى زيارة https://www.mcintoshlabs.com.

الكاميرا

ستعرض الكاميرا تغذية كاميرا السيارة المتوفرة. عند تحديدها، اضغط على زر Camera (الكاميرا) المطلوبة. سيتم عرض التغذية الواردة من هذه الكاميرا في منتصف شاشة اللمس. اضغط على الزر X أو زر السهم للخلف للعودة إلى الشاشة الرئيسية.

ملاحظة:

ستفقد شاشة Passenger (الراكب) الوصول إلى الكاميرا إذا اختار السائق عرضها على نظام Uconnect أو إذا كانت هناك حالة قد تؤدي إلى تنشيط الكاميرا على نظام Uconnect (يتم تنشيط كاميرا الرؤية الخلفية عند نقل السيارة إلى وضع REVERSE (الرجوع للخلف)).

تطبيقات الجهات الخارجية — إذا كانت السيارة مزوّدة بذلك

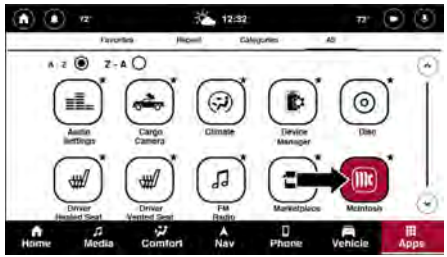
قد تحتوي سيارتك على بعض تطبيقات الجهات الخارجية، إذا كانت السيارة مزودة بذلك، والتي ستحسن نظام Uconnect بشكل أكبر.

تطبيق McIntosh

إن McIntosh هو تطبيق تابع لجهة خارجية يمكنه تحسين مشغل وسائط نظام Uconnect. لكي يصبح التطبيق فعالاً، يجب أن يكون هناك تشغيل صوت في مشغل الوسائط في نظام Uconnect. يمكن لتطبيق McIntosh التحكم في تشغيل الصوت بالإضافة إلى عرض مقاييس مستوى الإخراج بالديسيبل.

لبدء تشغيل التطبيق، ابدأ بتشغيل الصوت واتبع هذه الخطوات:

1. اضغط على زر Apps (التطبيقات).
2. اضغط على تطبيق McIntosh.



تطبيق McIntosh

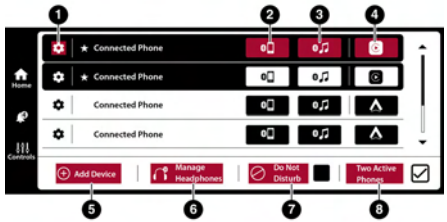
سيسمح لك تطبيق McIntosh بتنفيذ ما يلي عند الاستماع إلى الموسيقى:

ملاحظة:

لن تعمل ميزة البحث في أثناء استخدام ®Bluetooth.

Skip Backward (التخطي إلى الخلف)	اضغط على هذا المفتاح للتخطي إلى الخلف. اضغط باستمرار للترجيع السريع.
Play/Pause (تشغيل/إيقاف مؤقت)	اضغط للتشغيل/الإيقاف المؤقت للمسار.
Skip Forward (التخطي إلى الأمام)	اضغط للتخطي إلى الأمام. اضغط مع الاستمرار للتقديم السريع.
Repeat (تكرار)	اضغط لتكرار المسار. اضغط مرة أخرى لتكرار قائمة التشغيل. اضغط مرة أخرى لإيقاف التشغيل (يعمل مع جهاز USB فقط).

DEVICE MANAGER (إدارة الجهاز)



Device Manager (إدارة الجهاز)

1 — إعدادات الجهاز
2 — اتصال الهاتف
3 — اتصال الوسائط
4 — اتصال Apple CarPlay®/Android Auto™
5 — إضافة جهاز
6 — إدارة سماعات الرأس
7 — عدم الإزعاج
8 — هاتفان نشطان

توفر Device Manager (إدارة الأجهزة) مكانًا سهلًا لعرض كل الأجهزة المتصلة بنظام Uconnect وتتيح لك إقران الهاتف الذكي للسائق بنظام Uconnect. يمكنك أيضًا إقران سماعات رأس Bluetooth® بشاشة Passenger (الراكب) من هذه الشاشة.

لمزيد من المعلومات عن إقران هاتفك الذكي، راجع دليل تعليمات الراديو في نظام Uconnect.

لإقران مجموعة من سماعات رأس Bluetooth®:

1. في حال عرض Device Manager (إدارة الأجهزة) في وضع ملء الشاشة، اضغط على زر Add Device (إضافة جهاز). أما في حال عرض Device Manager (إدارة الأجهزة) على الشاشة Home (الرئيسية)، فاضغط على "Pair Bluetooth® headphones" (إقران سماعات رأس Bluetooth®).
2. من النافذة المنبثقة، اضغط على "Search for Headphones" (البحث عن سماعات الرأس). سيبدأ النظام في البحث عن إشارة Bluetooth® الخاصة بسماعات الرأس.
3. حدد اسم سماعات الرأس من قائمة الأجهزة المحتملة. سيتم توصيل النظام بسماعات الرأس.

ملاحظة:

ستتصل شاشة Passenger (الراكب) بسماعات رأس Bluetooth® المقترنة مسبقًا بعد تنشيط شاشة Passenger (الراكب).

إزالة سماعات رأس Bluetooth®

1. من شاشة Controls (مفاتيح التحكم)، اضغط على الزر Manage Headphones (إدارة سماعات الرأس).
2. اضغط على زر Settings (الإعدادات) (رمز الترس) بجوار مجموعة سماعات الرأس التي ترغب في إزالتها.
3. اضغط على "Delete Device" (حذف جهاز)، وستتم إزالة سماعات رأس Bluetooth® من النظام.

الملاحة

يتيح لك نظام الملاحة مساعدة السائق في البحث عن الوجهات باستخدام نظام الملاحة المضمن في نظام Uconnect. للحصول على معلومات عن الوظائف الكاملة لنظام الملاحة، راجع دليل تعليمات الراديو في نظام Uconnect.

عند تحديد مسار جديد من شاشة Passenger (الراكب)، سيتم إرسال تأكيد إلى السائق. سيتمكن السائق من تأكيد المسار أو رفضه.

ملاحظة:

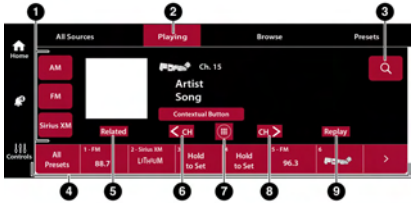
لن يؤثر استخدام نظام الملاحة في شاشة Passenger (الراكب) على شاشة Navigation (الملاحة) في نظام Uconnect. يمكن للسائق متابعة استخدام نظام الملاحة بينما يمكن لشاشة Passenger (الراكب) "اقتراح" مسارات أو نقاط توقف جديدة.

تتيح لك علامة التبويب Browse (استعراض) استعراض مختلف محطات الراديو أو الصوت المحفوظة على جهاز USB أو جهاز صوت. اضغط على "Browse" (استعراض) وحدد من المجلدات المختلفة. يمكنك التمرير لأعلى ولأسفل لعرض الخيارات الموجودة ضمن هذه المجلدات. اضغط على محطة الراديو أو المسار الصوتي المطلوب لبدء تشغيله.

عند تحديد مصدر USB، يمكنك اختيار ملف فيديو لتشغيله إذا تم حفظه على جهاز USB. اضغط على "Browse" (استعراض) وحدد موقع المجلد الذي يحتوي على ملف الفيديو. اضغط على اسم ملف الفيديو، وسيبدأ تشغيله على شاشة Passenger (الراكب).

ملاحظة:

لن يتم دعم كل ملفات الفيديو من USB. قد تتطلب بعض ملفات الفيديو حقوقًا رقمية لعرضها أو تشغيلها. وقد لا تتوفر للتشغيل على شاشة Passenger (الراكب).



وضع راديو شاشة Passenger (الراكب)

1 — أزرار المصدر
2 — علامة تبويب ما يتم تشغيله الآن
3 — زر البحث
4 — إعدادات الراديو المسبقة
5 — الزر ذو صلة
6 — زر البحث لأسفل
7 — زر Direct Tune (التوليف المباشر)
8 — زر البحث لأعلى
9 — زر إعادة التشغيل

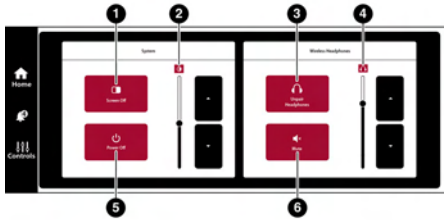
العرض عبر HDMI

يتيح لك HDMI توصيل جهاز بمنفذ HDMI المتوفر، باستخدام كابل HDMI، وعرض الجهاز على شاشة Passenger (الراكب) مباشرةً. للبدء، وصّل جهازًا بمنفذ HDMI. بعد ذلك اضغط على زر HDMI الموجود على شاشة اللمس.

يستمر HDMI في إظهار شريط القائمة وزر Headphone Paring (إقران سماعة الرأس).

ملاحظة:

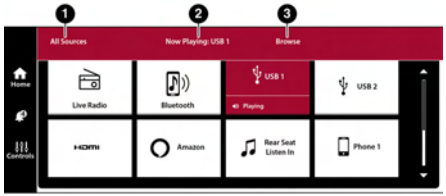
- لن يتم تشغيل بطاقة HDMI أوتوماتيكيًا عند توصيل جهاز جديد. تُظهر بطاقة HDMI جهازًا متصلاً، ويلزم الضغط على البطاقة.
- إذا فصل المستخدم جهازًا عن منفذ HDMI في أثناء وجود بطاقة HDMI في وضع ملء الشاشة، فسيغلق النظام HDMI ويعيد تحميل الشاشة الرئيسية.



شاشة Controls (مفاتيح التحكم) في شاشة Passenger (الراكب)

1 — إيقاف تشغيل الشاشة
2 — السطوع
3 — إقران/إلغاء إقران سماعات الرأس
4 — مستوى صوت سماعة الرأس
5 — إيقاف التشغيل
6 — كتم الصوت

الصوت والفيديو



ميزة صوت شاشة Passenger (الراكب)

1 — علامة تبويب كل المصادر
2 — علامة تبويب ما يتم تشغيله الآن
3 — علامة تبويب الاستعراض

يتيح لك الصوت الاستماع إلى محطة الراديو المفضلة لديك، أو جهاز USB متصل أو جهاز وسائط متصل. يمكنك تغيير المصدر على الشاشة الرئيسية مباشرةً بالضغط على زر Source (المصدر) في الميزة. كما يمكنك توسيعها أيضًا بالضغط على زر Full Screen View (طريقة عرض ملء الشاشة).

لتغيير مصدر الوسائط، اضغط على زر Source (المصدر) ثم اضغط على المصدر المطلوب. المصادر المتاحة هي:

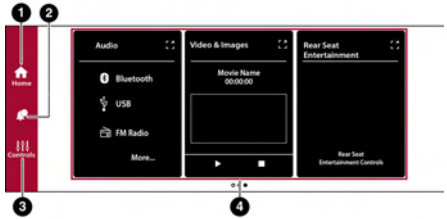
- الراديو المباشر (FM وAM)
- Bluetooth®
- USB 1
- USB 2
- إضافي

ملاحظة:

- يجب توصيل الأجهزة الصوتية المتصلة عبر Bluetooth® من خلال Device Manager (إدارة الأجهزة) في الراديو. لمزيد من المعلومات عن إقران جهاز، راجع دليل تعليمات الراديو في نظام Uconnect.
- إذا كان السائق يستمع إلى "الراديو المباشر"، فلن يتوفر الخيار في شاشة Passenger (الراكب). حدد "Now Playing On Radio" (ما يتم تشغيله الآن على الراديو) للاستماع إلى المحطة الجاري تشغيلها حاليًا. إذا قام السائق بتحديد محطة راديو أثناء تشغيل شاشة Passenger (الراكب) لمحتوى الراديو المباشر، فسيتم إنهاء التغذية على شاشة Passenger (الراكب) وسيتم منح التحكم لنظام Uconnect.

في قائمة الضبط المسبق، ستتمكن من الاستماع إلى إعدادات الراديو المسبقة المحفوظة. اضغط على الإعداد المسبق المطلوب لبدء الاستماع.

شاشة HOME (الرئيسية)



الشاشة Home (الرئيسية) في شاشة Passenger (الراكب)

1 — زر الشاشة الرئيسية
2 — زر Notification (الإشعارات)
3 — زر مفاتيح التحكم
4 — بطاقات الميزات

عند بدء تشغيل شاشة Passenger (الراكب) وعدم تشغيل أي وسائط أخرى في أثناء آخر دورة تشغيل، سيتم عرض الشاشة Home (الرئيسية). وهنا، يمكنك التحديد من ميزات شاشة Passenger (الراكب). على الجانب الأيسر من الشاشة، يمكنك الوصول إلى "Notifications and system Controls" (الإشعارات ومفاتيح التحكم الخاصة بالنظام).

سينقلك زر Notifications (الإشعارات) (الجرس) إلى شاشة Notification (الإشعار)، مثل ما يظهر في الراديو الرئيسي تمامًا.

يمكنك التنقل بين الميزات عن طريق السحب لليسار أو لليمين على شاشة اللمس. عند الوصول إلى إحدى الميزات، اضغط على زر Home/Apps (الشاشة الرئيسية/التطبيقات) على الجانب الأيسر للوصول إلى طريقة عرض الميزات وتحديد ميزة أخرى.

الميزات المتوفرة هي:

- Audio (الصوت)
- Video & Images (الفيديو والصور)
- HDMI
- الملاحة
- Devices (الأجهزة)
- Cameras (الكاميرات)

شاشة Controls (مفاتيح التحكم)

من شاشة Controls (مفاتيح التحكم)، يمكنك ضبط سطوع الشاشة في النهار/الليل، وتغيير مستوى صوت سماعة الرأس وإيقاف تشغيل شاشة Passenger (الراكب).

لتغيير السطوع، اضبط شريط التمرير لأعلى أو لأسفل، أو اضغط على زر السهم لأعلى أو لأسفل الموجود بجوار شريط التمرير. يؤدي الضغط على "الأعلى" إلى زيادة مستوى السطوع؛ بينما يؤدي الضغط على "الأسفل" إلى خفض مستوى السطوع. ستختلف مستويات سطوع النهار والليل، وسيختلف الحد الأقصى/الأدنى للضبط وفقًا للوقت من اليوم.

لتغيير مستوى صوت سماعة الرأس، اضبط شريط التمرير لأعلى أو لأسفل، أو اضغط على زر السهم لأعلى أو لأسفل الموجود بجوار شريط التمرير. يؤدي "الأعلى" إلى رفع مستوى الصوت؛ بينما يؤدي "الأسفل" إلى خفض مستوى الصوت.

ملاحظة:

يمكن أيضًا ضبط مستوى صوت سماعة الرأس يدويًا من سماعات الرأس. لن ينعكس تغيير مستوى صوت سماعة الرأس يدويًا في شريط تمرير مستوى صوت سماعة الرأس على شاشة Passenger (الراكب).

إذا تم الضغط على زر Screen Off (إيقاف تشغيل الشاشة)، فسيستمر تشغيل شاشة Passenger (الراكب)، ولكن سيتم إعتام الشاشة. انقر فوق الشاشة مرة أخرى للعودة إلى شاشة العرض. أثناء إيقاف تشغيل الشاشة، سيستمر تشغيل الصوت من شاشة Passenger (الراكب).

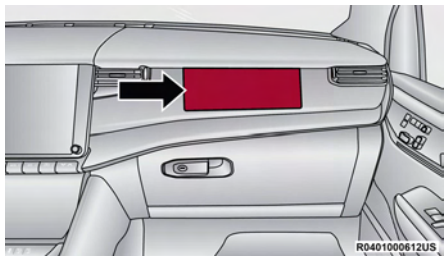
سيقوم زر Power Off (إيقاف التشغيل) بإيقاف تشغيل شاشة Passenger (الراكب) تمامًا. ولن يتم تشغيل أي صوت أو فيديو منها.

وضع الوسائط

يؤدي الضغط على الجزء العلوي من المفتاح مرة واحدة إلى الانتقال إلى المسار التالي على الوسائط المحددة (AUX/USB/Bluetooth®). يؤدي الضغط على الجزء السفلي من المفتاح مرة واحدة إلى الانتقال إلى بداية المسار الحالي أو إلى بداية المسار السابق إذا كان ذلك خلال ثماني ثوان من بداية تشغيل المسار الحالي.

شاشة PASSENGER (الراكب) — إذا كانت السيارة مزوّدة بذلك

قد تكون سيارتك مزوّدة بشاشة Passenger (الراكب)، الموجودة فوق صندوق القفازات في جانب الراكب من السيارة. من شاشة Passenger (الراكب)، ستتمكن من الوصول إلى الميزات المشابهة التي تظهر في راديو Uconnect، مثل وظائف الوسائط والملاحة وإدارة الأجهزة.



موقع شاشة Passenger (الراكب)

لبدء استخدام شاشة Passenger (الراكب)، اضغط على زر Power (الطاقة) في المجموعة الوسطى، أو اضغط على زر Power (الطاقة) أسفل علامة التبويب Controls (مفاتيح التحكم) في نظام Uconnect. يمكن إيقاف تشغيل شاشة Passenger (الراكب) من خلال الوصول إلى شاشة Control (التحكم) والضغط على زر Power Off (إيقاف التشغيل).

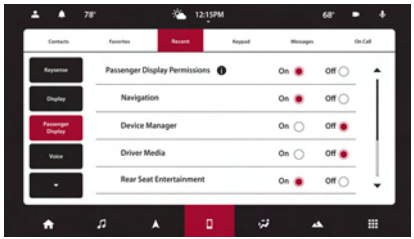
يجب عليك ربط سماعات رأس Bluetooth® بشاشة Passenger (الراكب) لبدء الاستماع إلى صوت النظام ⇦ صفحة ٢٣٣

ملاحظة:

- يلزم تشغيل شاشة Passenger (الراكب) في كل مرة يتم فيها تشغيل السيارة، وسيعرض النظام الشاشة الرئيسية عند بدء التشغيل.
- يتم عرض صور شاشة Passenger (الراكب) للأغراض التوضيحية فقط وقد لا تعكس البرنامج الموجود في سيارتك بالضبط.

PASSENGER SCREEN PERMISSIONS (أذونات شاشة الراكب)

من خلال نظام Uconnect، يمكن تنشيط الميزات الموجودة في شاشة Passenger (الراكب) وإلغاء تنشيطها من خلال Passenger Screen Permissions (أذونات شاشة الراكب). للوصول إلى الأذونات، اضغط على زر Vehicle (السيارة) في شريط القائمة وحدد علامة التبويب Settings (الإعدادات). ثم اضغط على قائمة إعدادات شاشة Passenger (الراكب). اضغط على الزر On (تشغيل) حتى يقوم إعداد Passenger Screen Permission (إذن شاشة الراكب) بتنشيط الأذونات.



Passenger Screen Permissions (أذونات شاشة الراكب)

بشكل افتراضي، يتم تعيين إعداد Passenger Screen Permissions (أذونات شاشة الراكب) على Off (إيقاف التشغيل)، ويتعين على السائق منح الإذن للميزات المختلفة.

عند تعيين الأذونات على وضع "On" (التشغيل)، يمكنك تحديد أذونات ما يأتي كل على حدة:

- الملاحة
- Device Manager (إدارة الجهاز)
- وسائط السائق

كما يمكن تنشيط أذونات شاشة الراكب أيضًا من خلال شاشة Controls (مفاتيح التحكم)، ضمن زر Vehicle (السيارة) في شريط القائمة. إذا تم تشغيل "Deny Passenger Screen Permissions" (رفض أذونات شاشة الراكب)، فسيتحول الإعداد إلى إيقاف التشغيل ذاتيًا.

5

اسم الإعداد	الوصف
Clear Personal Data (مسح البيانات الشخصية)	سيعرض هذا الإعداد رسالة منبثقة توفر لك خيار مسح كل البيانات الشخصية من النظام، بما في ذلك أجهزة ®Bluetooth والإعدادات مسبقة الضبط.
Reset Wi-Fi Password For Projection (إعادة ضبط كلمة مرور Wi-Fi للعرض)	سيتيح لك هذا الإعداد إعادة ضبط كلمة مرور Wi-Fi السيارة الخاصة بعرض الهاتف الذكي. الخيارات المتاحة هي "Yes" (نعم) و"Cancel" (إلغاء). يمكن أيضًا الضغط على الزر X لإلغاء الشاشة.
Reset Performance Values (إعادة ضبط قيم الأداء)	سيقوم هذا الإعداد بإعادة ضبط قيم الأداء من السيارة.
Factory Reset (إعادة الضبط على إعدادات المصنع)	سيعيد هذا الإعداد الراديو إلى إعدادات المصنع الافتراضية الخاصة به.

مفاتيح التحكم في الصوت الموجودة على عجلة القيادة

توجد مفاتيح التحكم عن بعد في نظام الصوت على السطح الخلفي لعجلة القيادة في موضعي الساعة الثالثة والتاسعة.

مفاتيح التحكم في الصوت الموجودة بعجلة القيادة

يعتبر مفتاح التحكم الأيمن من النوع الهزاز وهو يحتوي على زر قابل للضغط في المنتصف ويتحكم في درجة ووضع نظام الصوت. سيعمل الضغط على الجزء العلوي من المفتاح الهزاز على رفع مستوى الصوت، بينما يعمل الضغط على الجزء السفلي من المفتاح الهزاز على خفض مستوى الصوت.

يؤدي الضغط على الزر الأوسط بمفتاح التحكم الأيمن إلى جعل الراديو ينتقل بين الأوضاع المتنوعة المتاحة (AM/FM أو Media (الوسائط)، إلخ).

يعتبر مفتاح التحكم الأيسر من نوع المفتاح الهزاز ويشتمل على زر قابل للضغط في الوسط. وتختلف وظيفة مفتاح التحكم الأيسر باختلاف الوضع الذي تتواجد به.

وفي ما يلي وصف لطريقة تشغيل مفتاح التحكم الأيسر في كل وضع:

تشغيل الراديو

يؤدي الضغط على قمة المفتاح إلى البحث في الاتجاه العلوي عن المحطة التالية المتاحة ويؤدي الضغط على أسفل المفتاح إلى البحث في الاتجاه السفلي عن المحطة التالية المتاحة.

يقوم الزر الموجود بمنتصف مفتاح التحكم الأيسر بالتوليف إلى المحطة المضبوطة مسبقًا التالية والتي قمت ببرمجتها باستخدام زر الضبط المسبق للراديو.

System Information (معلومات النظام)

بعد الضغط على زر System Information (معلومات النظام) على شاشة اللمس، ستتوافر الإعدادات التالية:

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
معلومات الإصدار	عند تحديد هذه الميزة، ستظهر شاشة Version Information "معلومات الإصدار"، لعرض معلومات عن إصدار الراديو.
معلومات الترخيص	عند تحديد هذه الميزة، ستظهر شاشة License Information (معلومات الترخيص)، لعرض معلومات الترخيص الخاصة بالراديو.
معلومات ترخيص الركاب	عند تحديد هذه الميزة، يتم عرض معلومات ترخيص الركاب.

إعادة الضبط

عند الضغط على زر Reset (إعادة الضبط) على شاشة اللمس، يعرض النظام الخيارات المرتبطة بإعادة ضبط نظام Uconnect على الإعدادات الافتراضية. بإمكان تلك الإعدادات مسح البيانات الشخصية وإعادة ضبط الإعدادات المحددة من القوائم الأخرى.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Restart Radio (إعادة تشغيل الراديو)	سيؤدي هذا الإعداد إلى إعادة تشغيل الراديو.
Reset Apps Drawer To Default Order (إعادة ضبط درج التطبيقات على الترتيب الافتراضي)	سيؤدي هذا الإعداد إلى إعادة درج التطبيقات إلى الترتيب الافتراضي. الخيارات المتاحة هي "Yes" (نعم) و"Cancel" (إلغاء). يمكن أيضًا الضغط على الزر X لإلغاء الشاشة.
Restore Settings to Default (إعادة الإعدادات إلى الإعدادات الافتراضية)	سيؤدي هذا الإعداد إلى إعادة كل الإعدادات التي تم تغييرها من قبل إلى افتراضيات المصنع الخاصة بها.

إمكانية الوصول - إذا كانت السيارة مزوّدة بذلك

بعد الضغط على زر Accessibility (إمكانية الوصول) على شاشة اللمس، سيتوفر الإعداد التالي:

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
قراءة أزرار الفيديو	سيؤدي هذا الإعداد إلى تشغيل ميزة قراءة أزرار الفيديو أو إيقاف تشغيلها.

تحديثات البرنامج

عند الضغط على زر Software Updates (تحديثات البرامج) على شاشة اللمس، سيعرض النظام الإعداد المرتبط بتحديث برنامج Uconnect.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
تنزيلات البرامج عبر Wi-Fi	سيسمح هذا الإعداد بإجراء تحديثات للبرنامج عبر Wi-Fi. الخيارات القابلة للتحديد هي "On" (التشغيل) و"Off" (إيقاف التشغيل).

Notifications (الإشعارات)

عند الضغط على زر Notifications (الإشعارات) على شاشة اللمس، يعرض النظام الخيارات المرتبطة بإشعارات النظام.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
App Drawer Favoriting Pop-ups (رسائل التفضيل المنبثقة في درج التطبيقات)	يقوم هذا الإعداد بتشغيل رسالة App Favorited (تمت إضافة التطبيق إلى المفضلة) المنبثقة أو إيقاف تشغيلها.
App Drawer Unfavoriting Pop-ups (رسائل إلغاء التفضيل المنبثقة في درج التطبيقات)	يقوم هذا الإعداد بتشغيل رسالة App Unfavorited (تم إلغاء إضافة التطبيق إلى المفضلة) المنبثقة أو إيقاف تشغيلها.
New Text Message Pop-ups (الرسائل المنبثقة للرسائل النصية الجديدة)	سيؤدي هذا الإعداد إلى تشغيل أو إيقاف تشغيل تلقي/تخزين الرسائل المنبثقة للرسائل النصية الجديدة لأي هاتف متصل.
Missed Calls Message (رسالة المكالمات الفائتة)	سيؤدي هذا الإعداد إلى تشغيل أو إيقاف تشغيل تلقي/تخزين الرسائل المنبثقة للمكالمات الفائتة لأي هاتف متصل.
Navigation Pop-ups (رسائل الملاحة المنبثقة)	سيؤدي هذا الإعداد إلى تشغيل أو إيقاف تشغيل تلقي/تخزين الرسائل المنبثقة للملاحة التنبؤية.

Audio (الصوت)

عند الضغط على زر Audio (الصوت) على شاشة اللمس، سيعرض النظام خيارات مرتبطة بنظام الصوت بالسيارة. بإمكان هذه الإعدادات تغيير مكان الصوت في السيارة، وضبط مستويات صوت الجهير أو الصوت الثلاثي، وإعدادات التشغيل التلقائي من جهاز صوت أو هاتف ذكي.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Balance/Fade (التوازن/الخفت)	سيضبط هذا الإعداد مستويات الصوت من سماعات معينة في أمام/خلف ويمين/يسار السيارة. يمكن تحريك رمز السماعة لضبط موقع الصوت.
Equalizer (المعادل)	سيضبط هذا الإعداد نطاقات "Bass" (الجهير)، و"Mid" (الصوت المتوسط)، و"Treble" (الصوت الثلاثي).
Speed Adjusted Volume (مستوى الصوت المعدل حسب السرعة)	سيضبط هذا الإعداد مستوى الصوت مع زيادة السرعات. في الإعداد المرتفع، سيزداد مستوى الصوت مع ازدياد سرعة السيارة. الإعدادات المتاحة هي "Off" (إيقاف التشغيل)، و"1"، و"2" و"3".
الصوت المحيطي	سيؤدي هذا الإعداد إلى تشغيل أو إيقاف تشغيل نظام Surround Sound (الصوت المحيطي).
AUX Volume Offset (إزاحة مستوى صوت الجهاز الإضافي)	سيقوم هذا الإعداد بضبط مستويات الصوت من جهاز متصل عبر منفذ AUX. الإعدادات المتاحة هي "+" و"-".
Auto Play (التشغيل الأوتوماتيكي)	سيبدأ هذا الإعداد تشغيل الصوت أوتوماتيكيًا من الجهاز المتصل.
Auto-On Radio (تشغيل الراديو أوتوماتيكيًا)	سيعمل هذا الإعداد على تشغيل الراديو أوتوماتيكيًا عند بدء تشغيل السيارة، إذا كان مُحدّدًا. الإعدادات المتاحة هي "Off" (إيقاف التشغيل) و"On" (التشغيل) و"Recall Last" (استدعاء الأخير). باستخدام Recall Last (استدعاء الأخير)، يستأنف النظام المهمة السابقة قبل إيقاف تشغيل السيارة.
Radio Off With Door (إيقاف تشغيل الراديو مع الباب)	يحافظ هذا الإعداد على تشغيل الراديو عند فتح أحد الأبواب أو حتى بلوغ مدة "Radio Off Delay" (تأخير إيقاف تشغيل الراديو). الإعدادات المتاحة هي "On" و"Off" (التشغيل وإيقاف التشغيل).
Volume Adjustment (ضبط مستوى الصوت)	سيتيح لك هذا الإعداد ضبط مستويات الصوت لكل خيار (الوسائط، الهاتف، الملاحة، إلخ). يمكنك ضبط مستوى الصوت بين 0 و38.
Media Expander (موسّع الوسائط)	سيتيح لك هذا الإعداد ضبط إعداد Media Expander (موسّع الوسائط) على "On" (التشغيل) أو "Off" (إيقاف التشغيل).

التعليق

عند الضغط على زر Suspension (التعليق) على شاشة اللمس، سيعرض النظام الإعدادات المرتبطة بالتعليق الهوائي في السيارة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Sound Horn With Lower (صدور صوت آلة التنبيه عند الخفض)	سيسمح لك هذا الإعداد بإطلاق صوت آلة التنبيه عند الضغط على زر Suspension Lowering (خفض نظام التعليق) في حافظة المفاتيح.
Flash Lights With Lower (وميض الأضواء عند الخفض)	سيتيح لك هذا الإعداد تشغيل أو إيقاف تشغيل وميض المصابيح عند الضغط على زر Suspension Lowering (خفض نظام التعليق) في حافظة المفاتيح.
Auto Entry/Exit Suspension (التعليق الأوتوماتيكي في وضع الدخول/الخروج)	سيؤدي هذا الإعداد إلى تشغيل نظام Auto Entry/Exit Suspension (تعليق الدخول/الخروج الأوتوماتيكي) أو إيقاف تشغيله.
Display Suspension Messages (عرض رسائل التعليق)	سيعرض هذا الإعداد رسائل التعليق في شاشة مجموعة أجهزة القياس. سيعرض إعداد "All" (الكل) جميع الرسائل المتوفرة. وسيعرض إعداد "Warnings Only" (التحذيرات فقط) رسائل التحذير فقط.
Tire Jack Mode (وضع رافعة الإطار)	سيؤدي هذا الإعداد إلى تعطيل نظام التعليق الهوائي للمساعدة على تغيير الإطار الاحتياطي.
Auxiliary Modes (الأوضاع الإضافية)	سيسمح لك هذا الإعداد بضبط وضع التعليق الإضافي. الخيارات المتاحة هي "Off" (إيقاف التشغيل) و"Transport Mode" (وضع النقل) و"Wheel Alignment Mode" (وضع محاذاة العجلات). في وضع Transport (النقل)، لن يتم ضبط مستوى السيارة أوتوماتيكيًا عند نقلها بواسطة سيارة أخرى. في وضع محاذاة العجلات، لن يتم ضبط مستوى السيارة أوتوماتيكيًا عند تنفيذ محاذاة العجلات.

خيارات إيقاف مفتاح التشغيل

عند الضغط على زر Key Off Options (خيارات إيقاف مفتاح التشغيل) على شاشة اللمس، سيعرض النظام الخيارات المرتبطة بإيقاف تشغيل السيارة. سيتم تنشيط هذه الإعدادات عند ضبط الإشعال على OFF (إيقاف التشغيل) فقط.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Easy Exit Seat (مقعد الخروج السهل)	يضبط هذا الإعداد المقاعد للتسهيل من الخروج من السيارة.
Key Off Power Delay (تأخير الطاقة بعد إيقاف مفتاح التشغيل)	سيؤدي هذا الإعداد إلى الحفاظ على تشغيل بعض الميزات الكهربائية بعد إيقاف تشغيل المحرك. عند فتح أي باب، سيتم إلغاء تنشيط الإلكترونيات. الإعدادات المتاحة هي "0 sec" (0 ثانية)، و"45 sec" (45 ثانية)، و"5 min" (5 دقائق)، و"10 min" (10 دقائق).
Headlight Off Delay (تأخير إطفاء الأضواء الأمامية)	سيتيح لك هذا الإعداد ضبط وقت بقاء المصابيح الأمامية مضيئة بعد إيقاف تشغيل السيارة. الإعدادات المتاحة هي "0 sec" (0 ثانية)، و"30 sec" (30 ثانية)، و"60 sec" (60 ثانية)، و"90 sec" (90 ثانية).
Auto Entry/Exit Suspension (التعليق الأوتوماتيكي في وضع الدخول/الخروج)	سيؤدي هذا الإعداد إلى تشغيل نظام Auto Entry/Exit Suspension (تعليق الدخول/الخروج الأوتوماتيكي) أو إيقاف تشغيله.
Radio Off Delay (تأخير إيقاف تشغيل الراديو)	يعمل هذا الإعداد على إبقاء الراديو قيد التشغيل لفترة زمنية محددة بعد إيقاف تشغيل السيارة. الخيارات المتاحة هي "0 sec" (0 ثانية)، و"45 sec" (45 ثانية)، و"5 min" (5 دقائق)، و"10 min" (10 دقائق).
Radio Off With Door (إيقاف تشغيل الراديو مع الباب)	يحافظ هذا الإعداد على تشغيل الراديو عند فتح أحد الأبواب أو حتى يتم الوصول إلى وقت Radio Off Delay (تأخير إيقاف تشغيل الراديو). الإعدادات المتاحة هي "On" و"Off" (التشغيل وإيقاف التشغيل).
النوافذ مع حافظة المفاتيح	يسمح لك هذا الإعداد بالتحكم في وظيفة النافذة عند إيقاف تشغيل السيارة. الخيارات المتاحة هي "On" (التشغيل) و"Off" (إيقاف التشغيل).

اسم الإعداد	الوصف
Personal Settings Linked To Key Fob (الإعدادات الشخصية المرتبطة بحافظة المفاتيح)	سيؤدي هذا الإعداد إلى استدعاء محطات الراديو مسبقة الضبط وموضع مقعد السائق الذي تم ربطه بحافظة المفاتيح.
Power Liftgate Alert (تنبيه باب المؤخرة العامل بالطاقة)	سيصدر هذا الإعداد تنبيهًا صوتيًا عندما يرتفع باب المؤخرة العامل بالطاقة أو ينخفض. الخيارات القابلة للتحديد هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Hands-Free Power Liftgate (باب المؤخرة العامل بالطاقة من دون استخدام اليدين)	سيستخدم هذا الإعداد تقنية من دون استخدام اليدين لفتح باب المؤخرة العامل بالطاقة أوتوماتيكيًا أو إغلاقه. الخيارات القابلة للتحديد هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Auto Relock (إعادة القفل الأوتوماتيكي)	سيؤدي هذا الإعداد إلى قفل الأبواب بعد 30 ثانية من استمرار فتح الأبواب. الخيارات المتاحة هي "On" (التشغيل) و"Off" (إيقاف التشغيل).

5

Seats & Comfort (المقاعد والراحة)

عند الضغط على زر Seats & Comfort (المقاعد والراحة) من شاشة اللمس، سيعرض النظام الخيارات المرتبط بأنظمة راحة السيارة عند تنشيط بدء التشغيل عن بُعد أو بدء تشغيل السيارة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Easy Exit Seats (مقاعد الخروج السهل)	سيؤدي هذا الإعداد إلى تحريك مقعد السائق تلقائيًا إلى الخلف عند إيقاف تشغيل المحرك. الإعدادات المتاحة هي "On" و"Off" (التشغيل وإيقاف التشغيل).
Auto-On Driver Heated/Ventilated Seat & Heated Steering Wheel With Vehicle Start (مقعد السائق المسخن/المزود بفتحات تهوية وعجلة القيادة المسخنة أوتوماتيكيًا عند تشغيل السيارة)	سيؤدي هذا الإعداد إلى تنشيط أنظمة الراحة في السيارة والمقاعد المسخنة أو عجلة القيادة المسخنة عند بدء تشغيل السيارة عن بُعد أو عند بدء تشغيل الإشعال. لن يؤدي الإعداد "Off" (إيقاف التشغيل) إلى تنشيط أنظمة الراحة. سيؤدي إعداد "Remote Start" (بدء التشغيل عن بُعد) إلى تنشيط أنظمة الراحة فقط عند استخدام بدء التشغيل عن بُعد. سيؤدي إعداد "All Start" (بدء تشغيل الكل) إلى تنشيط أنظمة الراحة عند بدء تشغيل السيارة.
3rd Row Seat Recline Lockout (قفل إمالة مقعد الصف الثالث)	سيعمل هذا الإعداد على تنشيط قفل إمالة مقعد الصف الثالث. الخيارات القابلة للتحديد هي "Off" (إيقاف التشغيل)، و"Lock on Ignition" (القفل عند تشغيل السيارة) و"Always Locked" (القفل دائمًا).

الأبواب والأقفال

عند الضغط على زر Doors & Locks (الأبواب والأقفال) من شاشة اللمس، سيعرض النظام الخيارات المرتبطة بقفل وإلغاء قفل أبواب السيارة.

ملاحظة:

- الحالة الافتراضية لميزة قفل الأبواب الأوتوماتيكية هي مُمكنة. عند تمكين هذه الميزة، ستعمل أقفال الأبواب على قفل الأبواب أوتوماتيكيًا عندما تتجاوز سرعة السيارة 24 كم/ساعة (15 ميلاً/ساعة). يمكن للوكيل المعتمد تمكين ميزة قفل الأبواب الأوتوماتيكية أو تعطيلها بموجب طلب كتابي من العميل. يُرجى مراجعة الوكيل المعتمد لطلب الخدمة.
- تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Auto Lock Doors (أقفال الأبواب الأوتوماتيكية)	سيتيح لك هذا الإعداد تغيير قفل الأبواب أوتوماتيكيًا عندما تصل السيارة إلى سرعة 24 كم/الساعة (15 ميلاً/الساعة).
Auto Unlock On Exit (إلغاء القفل الأوتوماتيكي عند الخروج)	سيؤدي هذا الإعداد إلى إلغاء قفل الأبواب عند فتح أي من الأبواب من الداخل.
Flash Lights With Lock (وميض الأضواء عند القفل)	سيتيح لك هذا الإعداد تشغيل أو إيقاف تشغيل وميض المصابيح عند الضغط على زر Lock (القفل) من حافظة المفاتيح. الإعدادات المتاحة هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Sound Horn With Lock (صوت آلة التنبيه عند القفل)	سيؤدي هذا الإعداد إلى إطلاق صوت آلة التنبيه عند الضغط على زر Lock (القفل) من حافظة المفاتيح. لن يؤدي الإعداد "Off" (إيقاف التشغيل) إلى إطلاق صوت آلة التنبيه عند الضغط على زر Lock (القفل). سيؤدي إعداد "1st Press" (الضغطة الأولى) إلى إطلاق صوت آلة التنبيه عند الضغط على زر Lock (القفل) مرة واحدة. سيؤدي إعداد "2nd Press" (الضغطة الثانية) إلى إطلاق صوت آلة التنبيه عند الضغط على زر Lock (القفل) مرتين.
Sound Horn with Remote Start (صدور صوت آلة التنبيه عند بدء التشغيل عن بُعد)	سيؤدي هذا الإعداد إلى إطلاق صوت آلة التنبيه عند تنشيط بدء التشغيل عن بُعد من حافظة المفاتيح.
Remote Door Unlock (إلغاء قفل الباب عن بُعد)، Door Lock (قفل الباب)/1st Press Of Key Fob Unlocks (إلغاء القفل عند الضغطة الأولى من حافظة المفاتيح)	سيؤدي هذا الإعداد إلى تغيير عدد مرات الضغط المطلوبة على زر Unlock (إلغاء القفل) من حافظة المفاتيح لإلغاء قفل كل الأبواب. سيؤدي إعداد "Driver Door" (باب السائق) إلى إلغاء قفل باب السائق فقط عند الضغطة الأولى على زر Unlock (إلغاء القفل). سيؤدي إعداد "All Doors" (كل الأبواب) إلى إلغاء قفل كل الأبواب بضغطة واحدة فقط على زر Unlock (إلغاء القفل).
Passive Entry (الدخول غير النشط)	سيتيح لك هذا الإعداد تشغيل أو إيقاف تشغيل ميزة Passive Entry (الدخول غير النشط) (ميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™).

اسم الإعداد	الوصف
Flash Lights With Lock (وميض الأضواء عند القفل)	سيتيح لك هذا الإعداد تشغيل أو إيقاف تشغيل وميض المصابيح عند الضغط على زر Lock (القفل) من حافظة المفاتيح. الإعدادات المتاحة هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Flash Lights With Suspension Lower (وميض الأضواء أثناء خفض نظام التعليق)	سيتيح لك هذا الإعداد تشغيل أو إيقاف تشغيل وميض المصابيح عند الضغط على زر Suspension Lowering (خفض نظام التعليق) في حافظة المفاتيح.

الفرامل

عند الضغط على زر Brakes (الفرامل) في شاشة اللمس، سيعرض النظام الإعدادات المرتبطة بنظام الفرامل في السيارة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

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اسم الإعداد	الوصف
Auto Park Brake (فرامل التوقف الأوتوماتيكي)	سيؤدي هذا الإعداد إلى تشغيل أو إيقاف تشغيل Auto Park Brake (فرامل التوقف الأوتوماتيكي).
Brake Service (صيانة الفرامل)	سيتيح لك هذا الإعداد ضبط الفرامل للصيانة. عند تحديد الإعداد، يتم عرض نافذة منبثقة يظهر فيها الخياران "Yes" (نعم) و"No" (لا).

اسم الإعداد	الوصف
إضاءة المحيط الدّاخلي	سيتيح لك هذا الإعداد ضبط درجة سطوع الأضواء المحيطة الداخلية. الخيارات المتاحة هي "Level 1" (المستوى 1) إلى "Level 6" (المستوى 6).
Headlight Off Delay (تأخير إطفاء الأضواء الأمامية)	سيتيح لك هذا الإعداد ضبط الوقت الذي تستغرقه المصابيح الأمامية لكي تنطفئ بعد إيقاف تشغيل السيارة. الإعدادات المتاحة هي "0 sec" (0 ثانية)، و"30 sec" (30 ثانية)، و"60 sec" (60 ثانية)، و"90 sec" (90 ثانية).
Headlight Illumination On Approach (إضاءة الأضواء الأمامية عند الاقتراب)	سيتيح لك هذا الإعداد ضبط الوقت الذي تستغرقه المصابيح الأمامية لكي تنطفئ بعد إلغاء قفل السيارة. يجب تحديد Greeting Lights (أضواء الترحيب) وتحديد Headlight Illumination On Approach (إضاءة الأضواء الأمامية عند الاقتراب) مدة تزيد على 0 ثانية لتمكين الميزة. الإعدادات المتاحة هي "0 sec" (0 ثانية)، و"30 sec" (30 ثانية)، و"60 sec" (60 ثانية)، و"90 sec" (90 ثانية).
Headlights with Wipers (الأضواء الأمامية مع الماسحات)	سيؤدي هذا الإعداد إلى تشغيل المصابيح الأمامية عند تنشيط المساحات.
التنشيط عند الاقتراب	اكتشاف الاقتراب هو نظام يقوم بتنشيط أضواء داخلية وخارجية معينة عند الاقتراب من السيارة مع وجود حافظة مفاتيح صالحة. توفر هذه الميزة إحساسًا أكبر بالترحيب والأمان عند دخول المستخدم للسيارة في الظلام. سيؤدي هذا الإعداد إلى تشغيل ميزة التنشيط عند الاقتراب أو إيقاف تشغيلها. **ملاحظة:** لتنشيط الإضاءة الخارجية، يجب تعيين Headlight Illumination On Approach (إضاءة الأضواء الأمامية عند الاقتراب) على قيمة خلاف الصفر.
Greeting Lights (أضواء الترحيب)	عند تحديد ميزة Greeting Lights (أضواء الترحيب)، فإنها تتيح ميزة Headlight Illumination On Approach (إضاءة الأضواء الأمامية عند الاقتراب). عند تحديد "Headlight Illumination On Approach" (إضاءة الأضواء الأمامية عند الاقتراب)، فإنها تتيح ضبط مقدار وقت بقاء الأضواء الأمامية مضاءة بعد فتح الأبواب باستخدام حافظة المفاتيح. يجب تحديد Greeting Lights (أضواء الترحيب) وتحديد Headlight Illumination On Approach (إضاءة الأضواء الأمامية عند الاقتراب) أعلى من صفر ثانية ليتسنى تمكين الميزة. الإعدادات المتاحة هي "On" و"Off" (التشغيل وإيقاف التشغيل).
Auto Dim High Beams (تعتيم المصابيح عالية الضوء أوتوماتيكيًا)	سيتيح لك هذا الإعداد تشغيل تعتيم المصابيح عالية الضوء أوتوماتيكيًا أو إيقاف تشغيله.
Daytime Running Lights (أضواء النهار)	سيتيح لك هذا الإعداد تشغيل أضواء النهار أو إيقاف تشغيلها.
Cornering Lights (أضواء الانعطاف)	عند اختيار هذا الإعداد، إذا كانت زاوية تدوير عجلة القيادة كبيرة أو إذا كانت مؤشرات إشارات الانعطاف في وضع التشغيل، فسيتم تشغيل ضوء (مضمن في ضوء الضباب) في الجانب المرتبط لتحسين مستوى الرؤية ليلاً.

المرايا والماسحات

عند الضغط على زر Mirrors & Wipers (المرايا والمساحات) على شاشة اللمس، سيعرض النظام الخيارات المرتبطة بالمرايا والمساحات في السيارة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Tilt Side Mirrors In Reverse (إمالة المرايا عند الرجوع للخلف)	سيؤدي هذا الإعداد إلى إمالة مرايا الرؤية الجانبية الخارجية عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) ومحدد ترس ناقل الحركة في وضع REVERSE (الرجوع للخلف). تعود المرايا إلى أوضاعها السابقة عند نقل ناقل الحركة إلى خارج وضع REVERSE (الرجوع للخلف). الإعدادات المتاحة هي "On" و"Off" (التشغيل وإيقاف التشغيل).
Rain Sensing Auto Wipers (ماسحات استشعار المطر الأوتوماتيكية)	سيؤدي هذا الإعداد إلى تشغيل ماسحات استشعار المطر الأوتوماتيكية أو إيقاف تشغيلها.
Headlights With Wipers (الأضواء الأمامية مع الماسحات)	سيؤدي هذا الإعداد إلى تشغيل المصابيح الأمامية عند تنشيط المساحات. خيارات الإعداد هي "On" (التشغيل) و"Off" (إيقاف التشغيل).

المصابيح

عند الضغط على زر Lights (الأضواء) على شاشة اللمس، سيعرض النظام خيارات مرتبطة بالإضاءة الداخلية والخارجية للسيارة.

ملاحظة:
- عند تحديد ميزة "أضواء النهار"، يمكن تشغيل أضواء النهار أو إيقاف تشغيلها. وهذه الميزة يُسمَح بها فقط بموجب القانون في البلد الذي تم شراء السيارة فيه.
- تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Ambient Color Personalization (تخصيص الألوان المحيطة)	سيقوم هذا الإعداد بإعادة التوجيه إلى قائمة جديدة تسمح لك بتغيير لون الإضاءة المحيطة في الكابينة.

الكاميرا

عند الضغط على زر Camera (الكاميرا) على شاشة اللمس، سيعرض النظام خيارات مختلفة مرتبطة بميزات كاميرا السيارة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Surround View Camera Delay (تأخير كاميرا الرؤية الخلفية)	يضيف هذا الإعداد تأخيرًا موقوتًا إلى كاميرا الرؤية المحيطة عند التبديل من وضع REVERSE (الرجوع للخلف).
Surround View Camera Guidelines (إرشادات كاميرا الرؤية المحيطة)	يُشغِّل هذا الإعداد إرشادات كاميرا الرؤية المحيطة أو يوقف تشغيلها.
ParkView Backup Camera Delay (تأخير كاميرا الرجوع الخلفية ParkView)	سيضيف هذا الإعداد تأخيرًا موقوتًا إلى كاميرا الرجوع الخلفية ParkView عند التبديل من وضع REVERSE (الرجوع للخلف).
الإرشادات النشطة لكاميرا الرجوع للخلف ParkView	سيؤدي هذا الإعداد إلى تشغيل أو إيقاف تشغيل الإرشادات النشطة لكاميرا الرجوع للخلف ParkView.
الإرشادات الخاصة بالكاميرا المتجهة للأمام	سيؤدي هذا الإعداد إلى تشغيل إرشادات الكاميرا الأمامية أو إيقاف تشغيلها.

الملاحة

عند الضغط على زر Navigation (الملاحة) على شاشة اللمس، سيعرض النظام خيارات مرتبطة بنظام الملاحة المضمن بالسيارة. يمكن لهذه الإعدادات تغيير الرموز التي يتم عرضها على الخريطة وكيفية "حساب وقت الوصول" وأنواع المسارات.
لمزيد من المعلومات عن الملاحة والإعدادات، راجع دليل تعليمات الراديو في نظام Uconnect.

Trailer (المقطورة)

عند الضغط على زر Trailer (المقطورة) على شاشة اللمس، سيعرض النظام الإعدادات المرتبطة بسحب المقطورة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

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اسم الإعداد	الوصف
Current Trailer (المقطورة الحالية)	اختر من بين "Trailer 1" (المقطورة 1) و"Trailer 2" (المقطورة 2) و"Trailer 3" (المقطورة 3) و"Trailer 4" (المقطورة 4). يمكن استخدام تسميات المقطورة هذه لحفظ إعدادات المقطورات المختلفة.
Trailer Name (اسم المقطورة)	سيؤدي هذا الإعداد إلى تخصيص اسم المقطورة وفقًا لنوع المقطورة التي تسحبها. اختر اسم المقطورة من القائمة التالية: مقطورة، وقارب، وسيارة، وحمولة، ونفايات، ومعدات، وشاحنة مسطحة، وحصان، ومقطورة ذات قضيب ربط معقوف، ومواش، ودراجة نارية، وعربة ثلج، وسفر، وأداة مساعدة، وعجلة خامسة.
Braking (الفرامل)	سيؤدي هذا الإعداد إلى تعيين النظام إلى نوع مقطورة محدد. الخيارات المتاحة هي "Light Electric" (كهربي خفيف)، و"Heavy Electric" (كهربي ثقيل)، و"Light Electric-Over-Hydraulic" (كهربي خفيف أكثر من الهيدروليكي)، و"Heavy Electric-Over-Hydraulic" (كهربي ثقيل أكثر من الهيدروليكي).

اسم الإعداد	الوصف
ميزة Do Not Disturb (عدم الإزعاج)	سيفتح هذا الإعداد قائمة الإعدادات Do Not Disturb (عدم الإزعاج). الإعدادات هي: "Auto Reply" (الرد التلقائي) (الاثنتان، الرسائل النصية، المكالمات)، و"Auto Reply Message" (رسالة الرد التلقائي) (مخصصة، افتراضية) و"Custom Auto Reply Message" (رسالة الرد التلقائي المخصصة) (إنشاء رسالة).
Phone Repetition (تكرار الهاتف)	سيؤدي هذا الإعداد إلى تشغيل ميزة Phone Repetition (تكرار الهاتف) أو إيقاف تشغيلها.

Voice (الصوت)

عند الضغط على زر Voice (الصوت) على شاشة اللمس، سيعرض النظام خيارات مرتبطة بميزة التعرف على الصوت في السيارة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
المساعد الصوتي الرئيسي	يتيح لك هذا الإعداد اختيار مساعدك الصوتي بين "Alexa" و"Uconnect".
Voice Options (خيارات الصوت)	يتيح لك هذا الإعداد تغيير صوت النظام سواء إلى "ذكر" أو "أنثى".
Wake Up Word (كلمة التنشيط)	يتيح لك هذا الإعداد ضبط كلمة "Wake Up" (تنشيط) بالنظام. الخيار المتاح هو "Hey Uconnect" (مرحبًا نظام Uconnect).
Voice Barge-In (الاقتحام الصوتي)	يتيح لك هذا الإعداد الاستجابة لاستجابة صوتية قبل إكمال النظام للعبارة. الخيارات المتاحة هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Show Command List (عرض قائمة الأوامر)	سيتيح لك هذا الإعداد تشغيل قائمة الأوامر أو إيقاف تشغيلها. سيعرض إعداد "Always" (دائمًا) قائمة الأوامر بصفة مستمرة. سيعرض إعداد "With Help" (مع المساعدة) قائمة الأوامر ويوفر وصفًا مختصرًا لوظيفة الأمر. سيؤدي إعداد "Never" (أبدًا) إلى إيقاف تشغيل قائمة الأوامر.

اسم الإعداد	الوصف
Set Time Hours (ضبط الساعات)	سيسمح لك هذا الإعداد بضبط الساعات. يجب إيقاف Sync Time With GPS (مزامنة الوقت مع نظام تحديد المواقع العالمي) لكي يصبح هذا الإعداد متاحًا. سيؤدي إعداد "+" إلى زيادة الساعات. سيؤدي إعداد "-" إلى خفض الساعات.
Set Time Minutes (ضبط الدقائق)	سيسمح لك هذا الإعداد بضبط الدقائق. يجب إيقاف Sync Time With GPS (مزامنة الوقت مع نظام تحديد المواقع العالمي) لكي يصبح هذا الإعداد متاحًا. سيؤدي إعداد "+" إلى زيادة الدقائق. سيؤدي إعداد "-" إلى خفض الدقائق.
Show Time in Status Bar (عرض الوقت في شريط الحالة)	سيؤدي هذا الإعداد إلى وضع الوقت في شريط حالة الراديو.

الهاتف/®Bluetooth

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عند الضغط على زر Phone (الهاتف)/®Bluetooth على شاشة اللمس، سيعرض النظام الخيارات المرتبطة باتصال ®Bluetooth من جهاز صوت خارجي أو هاتف ذكي. يمكن الوصول إلى أجهزة الصوت أو الهواتف الذكية المقترنة من هذه القائمة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Device Manager (إدارة الجهاز)	سيفتح هذا الإعداد شاشة Device Manager (إدارة الجهاز) الرئيسية.
Do Not Disturb All (عدم الإزعاج إطلاقًا)	سيفتح هذا الإعداد قائمة إعدادات Do Not Disturb All Settings (إعدادات عدم الإزعاج إطلاقًا). الخيارات المتاحة هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Enable Two Active Phones (تمكين هاتفين نشطين)	يتيح هذا الإعداد تمكين هاتفين نشطين بداخل السيارة أو تعطيلهما. خيارا الإعداد هما "On" (التشغيل) و"Off" (إيقاف التشغيل).
Phone Pop-Ups Displayed In Cluster (قوائم الهاتف المنبثقة معروضة في مجموعة أجهزة القياس)	سيؤدي هذا الإعداد إلى تنشيط رسائل الهاتف المنبثقة في شاشة عرض مجموعة أجهزة القياس.

اسم الإعداد	الوصف
Rear ParkSense Braking Assist (مساعد فرامل نظام ParkSense الخلفي)	سيوفر هذا الإعداد مساعدة التوقف إذا كان نظام ParkSense يستشعر وجود تصادم مع أحد الأجسام.
Rear Seat Alert (تنبيه المقعد الخلفي)	عند تشغيل هذا الإعداد وفتح الأبواب الخلفية في أثناء تشغيل المحرك، أو إذا تم تشغيل المحرك في غضون 10 دقائق من فتح الباب، فستظهر رسالة للتحقق من المقعد الخلفي عند إيقاف تشغيل السيارة.

الساعة

عند الضغط على زر Clock (الساعة) على شاشة اللمس، سيعرض النظام خيارات مختلفة مرتبطة بالساعة الداخلية للسيارة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Sync Time With GPS (مزامنة الوقت مع نظام تحديد المواقع العالمي)	سيؤدي هذا الإعداد إلى مزامنة الوقت إلى مستقبل نظام تحديد المواقع العالمي (GPS) في النظام. سيتحكم النظام في الوقت من خلال موقع نظام تحديد المواقع العالمي (GPS).
Set Time (ضبط الوقت)	سيسمح لك هذا الإعداد بضبط الساعات والدقائق. يجب إيقاف Sync Time With GPS (مزامنة الوقت مع نظام تحديد المواقع العالمي) لكي يصبح هذا الإعداد متاحًا. سيؤدي إعداد "+" إلى زيادة الساعات أو الدقائق. سيؤدي إعداد "-" إلى خفض الساعات أو الدقائق.
Time Format (تنسيق الوقت)	سيتيح لك هذا الإعداد ضبط تنسيق الوقت (AM (صباحًا)/PM (مساءً)). يجب إيقاف Sync Time With GPS (مزامنة الوقت مع نظام تحديد المواقع العالمي) لكي يصبح هذا الإعداد متاحًا. سيضبط إعداد "24 hrs" (12 ساعة) الوقت على تنسيق 12 ساعة. سيضبط إعداد "24 hrs" (24 ساعة) الوقت على تنسيق 24 ساعة.
Set Date (ضبط التاريخ)	سيسمح لك هذا الإعداد بضبط اليوم والشهر والسنة. باستخدام "+" أو "-"، يمكنك التمرير خلال الأيام والشهور والسنوات المتاحة.
Show Time and Date During Screen Off (إظهار الوقت والتاريخ أثناء إيقاف تشغيل الشاشة)	سيتيح لك هذا الإعداد إظهار الوقت والتاريخ أثناء إيقاف تشغيل الشاشة. الخيارات المتاحة هي "On" (التشغيل) و"Off" (إيقاف التشغيل).

اسم الإعداد	الوصف
تحذير مرئي للرؤية الليلية	يؤدي هذا الإعداد إلى تشغيل التحذير المرئي للرؤية الليلية وضوء مؤشر مجموعة أجهزة القياس باللون الأخضر/الرمادي أو إيقاف تشغيلهما.
نظام ParkSense	سيغير هذا الإعداد نوع تحذير ParkSense عند اكتشاف جسم قريب ويمكنه توفير إشارة صوتية مسموعة وعرض مرئي على حد سواء.
Front Parksense Volume (مستوى صوت نظام Parksense الأمامي)	يضبط هذا الإعداد مستوى صوت نظام ParkSense الأمامي. الإعدادات المتاحة هي "Low" (منخفض) و"Medium" (متوسط) و"High" (عالٍ).
Rear Parksense Volume (مستوى صوت نظام Parksense الخلفي)	يضبط هذا الإعداد مستوى صوت نظام ParkSense الخلفي. الإعدادات المتاحة هي "Low" (منخفض) و"Medium" (متوسط) و"High" (عالٍ).
وضع نظام ParkSense النشط	يضبط هذا الإعداد مستوى التحكم في السيارة عندما يكون وضع نظام ParkSense النشط نشطًا. الإعدادات المتاحة هي "Full Auto" (أوتوماتيكي تمامًا) و"Steering Only" (التوجيه فقط).
صافرة الاقتراب الخاصة بنظام ParkSense النشط	سيؤدي هذا الإعداد إلى تشغيل صافرة الاقتراب الخاصة بنظام ParkSense النشط أو إيقاف تشغيلها.
Side Distance Warning (تحذير المسافة الجانبية)	يضبط هذا الإعداد التحذير الخاص بالمسافة الجانبية. الخيارات المتاحة هي "Off" (إيقاف التشغيل)، و"Sound Only" (الصوت فقط) و"Sound & Display" (الصوت والعرض).
تنبيه نعاس السائق	سيتيح لك هذه الإعداد مراقبة عادات قيادة السائق ويحذرك عند حدوث أي تغيرات، للإشارة إلى احتمالية نعاس السائق. الخيارات المتاحة هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Blind Spot Alert (تنبيه النقاط الخفية)	سيؤدي هذا الإعداد إلى تغيير نوع الإنذار المتوفر عند اكتشاف جسم ما في نقطة خفية بالسيارة. سيؤدي إعداد "Off" (إيقاف التشغيل) إلى إيقاف تنبيه النقاط الخفية. سيؤدي إعداد "Lights" (المصابيح) إلى تنشيط مصابيح تنبيه النقاط الخفية في المرايا الخارجية. سيؤدي إعداد "Lights & Chime" (المصابيح والصافرة) إلى تنشيط المصابيح في المرايا الخارجية وصافرة صوتية.
Electric Power Steering Default (الوضع الافتراضي للتوجيه المعزز كهربائيًا)	سيؤدي هذا الإعداد إلى تغيير وضع Electric Power Steering (التوجيه المعزز كهربيًا). الخيارات المتاحة هي "Comfort" (الراحة) لتجربة توجيه أقل جهدًا، و"Normal" (عادي) لتجربة القيادة التي تتطلب جهدًا قياسيًا، و"Sport" (رياضة) للحصول على تجربة قيادة تتطلب جهدًا أكبر.
الدرج الجانبي الكهربائي	سيؤدي هذا الإعداد إلى تنشيط الدرج الجانبي العامل بالطاقة. يؤدي الإعداد "Auto" (أوتوماتيكي) إلى خفض الدرج عند فتح الباب وضمه بمجرد إغلاق الباب. سيؤدي إعداد "Off" (إيقاف التشغيل) إلى إلغاء تنشيط الميزة.
Hill Start Assist (مساعد بدء التشغيل على المرتفعات)	سيؤدي هذا الإعداد إلى تشغيل نظام مساعد بدء التشغيل على المرتفعات أو إيقاف تشغيله.
Tire Fill Assist (مساعد ملء الإطارات)	سيؤدي هذا الإعداد إلى تشغيل مساعد ملء الإطارات أو إيقاف تشغيله.

اسم الإعداد	الوصف
Restore Settings to Default (إعادة الإعدادات إلى الإعدادات الافتراضية)	سيؤدي هذا الإعداد إلى إعادة كل الإعدادات التي تم تغييرها من قبل إلى افتراضيات المصنع الخاصة بها.
More Profile Options (المزيد من خيارات ملفات التعريف)	يوفر هذا الإعداد الوصول إلى المزيد من خيارات ملفات التعريف.

Safety & Driving Assistance (السلامة والمساعدة في القيادة)

عند الضغط على زر Safety & Driving Assistance (مساعدة القيادة والأمان) على شاشة اللمس، سيعرض النظام الخيارات المرتبطة بإعدادات أمان السيارة. ستختلف هذه الخيارات وفقًا للميزات المزودة في السيارة. يمكن عرض الإعدادات في صورة قائمة أو في مجلدات فرعية على الشاشة. للوصول إلى مجلد فرعي، حدد المجلد المطلوب، وسيتم بعد ذلك عرض الخيارات المتاحة المرتبطة بهذه الميزة على الشاشة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
تحذير بشأن التصادم الأمامي — يوجد في القائمة الفرعية لفرامل الطوارئ الأوتوماتيكية	سيؤدي هذا الإعداد إلى تشغيل أو إيقاف تشغيل نظام التحذير بشأن التصادم الأمامي (FCW). سيؤدي إعداد "Off" (إيقاف التشغيل) إلى تعطيل نظام تحذير التصادم الأمامي (FCW). سيوفر إعداد "Warning Only" (التحذير فقط) صافرة صوتية فقط عند اكتشاف تصادم. سيوفر إعداد "Warning + Active Braking" (التحذير + الفرامل النشطة) تنبيهًا صوتيًا واستعمال جزء من ضغط الفرامل عند اكتشاف تصادم ما.
حساسية تحذير التصادم الأمامي — يوجد الخيار في القائمة الفرعية لفرامل الطوارئ الأوتوماتيكية	سيغير هذا الإعداد المسافة التي تنطلق عندها أصوات التحذير بشأن التصادم الأمامي. سيؤدي إعداد "Medium" (متوسط) إلى جعل نظام تحذير التصادم الأمامي (FCW) يصدر إشارة عند وجود جسم في مجال الرؤية، واكتشاف احتمالية التصادم. سيؤدي إعداد "Near" (قريب) إلى جعل نظام تحذير التصادم الأمامي (FCW) يصدر إشارة عندما يكون الجسم قريبًا من السيارة. سيؤدي إعداد "Far" (بعيد) إلى جعل إشارة تحذير التصادم الأمامي (FCW) يصدر إشارة عندما يكون الجسم على مسافة بعيدة عن السيارة.
فرامل الطوارئ للمشاة — يوجد الخيار في القائمة الفرعية فرامل الطوارئ الأوتوماتيكية	سيؤدي هذا الإعداد إلى تشغيل نظام فرامل طوارئ المشاة أو إيقاف تشغيله.

اسم الإعداد	الوصف
Radio Off Delay (تأخير إيقاف تشغيل الراديو)	يعمل هذا الإعداد على إبقاء الراديو قيد التشغيل لفترة زمنية محددة بعد إيقاف تشغيل السيارة. الخيارات المتاحة هي "0 sec" (0 ثانية)، و"45 sec" (45 ثانية)، و"5 min" (5 دقائق)، و"10 min" (10 دقائق).
إغلاق الراديو مع الباب	يحافظ هذا الإعداد على تشغيل الراديو عند فتح أحد الأبواب أو حتى يتم الوصول إلى وقت Radio Off Delay (تأخير إيقاف تشغيل الراديو). الإعدادات المتاحة هي "On" و"Off" (التشغيل وإيقاف التشغيل).
Key Off Power Delay (تأخير الطاقة بعد إيقاف مفتاح التشغيل)	سيؤدي هذا الإعداد إلى الحفاظ على تشغيل بعض الميزات الكهربائية بعد إيقاف تشغيل المحرك. عند فتح أي باب، سيتم إلغاء تنشيط الإلكترونيات. الإعدادات المتاحة هي "0 sec" (0 ثانية)، و"45 sec" (45 ثانية)، و"5 min" (5 دقائق)، و"10 min" (10 دقائق).
App Drawer Favoriting Pop-ups (رسائل التفضيل المنبثقة في درج التطبيقات)	يتيح لك هذا الإعداد تفضيل الرسائل المنبثقة في درج التطبيقات باستخدام الخيارَين "On" (التشغيل) و"Off" (إيقاف التشغيل).
App Drawer Unfavoriting Pop-ups (رسائل إلغاء التفضيل المنبثقة في درج التطبيقات)	يتيح لك هذا الإعداد إلغاء تفضيل الرسائل المنبثقة في درج التطبيقات باستخدام الخيارين "On" (التشغيل) و"Off" (إيقاف التشغيل).
New Text Message Pop-ups (الرسائل المنبثقة للرسائل النصية الجديدة)	يتيح لك هذا الإعداد تمكين الإشعارات المنبثقة للرسائل النصية الجديدة. خيارات الإعداد هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Missed Calls Message (رسالة المكالمات الفائتة)	يتيح لك هذا الإعداد تمكين الإشعارات المنبثقة للمكالمات الفائتة. خيارات الإعداد هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Navigation Pop-ups (رسائل الملاحة المنبثقة)	يتيح لك هذا الإعداد تمكين الإشعارات المنبثقة للملاحة. خيارات الإعداد هي "On" (التشغيل) و"Off" (إيقاف التشغيل).
Navigation Settings (إعدادات الملاحة)	يقوم هذا الإعداد بإعادة التوجيه إلى قائمة إعدادات الملاحة. راجع دليل تعليمات الراديو لنظام Uconnect لمزيد من المعلومات.
Auto-On Driver Heated/Ventilated Seat & Heated Steering Wheel With Vehicle Start (مقعد السائق المسخن/المزود بفتحات تهوية وعجلة القيادة المسخنة أوتوماتيكيًا عند تشغيل السيارة)	سيؤدي هذا الإعداد إلى تنشيط نظام الراحة في السيارة والمقاعد المسخنة أو عجلة القيادة المسخنة عند بدء تشغيل السيارة عن بُعد أو عند بدء تشغيل الإشعال. لن يؤدي الإعداد "Off" (إيقاف التشغيل) إلى تنشيط أنظمة الراحة. سيؤدي إعداد "Remote Start" (بدء التشغيل عن بُعد) إلى تنشيط أنظمة الراحة فقط عند استخدام بدء التشغيل عن بُعد. سيؤدي إعداد "All Start" (بدء تشغيل الكل) إلى تنشيط أنظمة الراحة عند بدء تشغيل السيارة.
إعدادات الصوت	يفتح هذا الإعداد القائمة الفرعية، التي تحتوي على إعدادات الصوت ⇦ صفحة ٢٢٤ .
TomTom Traffic And Travel Services (خدمات حركة المرور والسفر من TomTom)	سيؤدي هذا الإعداد إلى تشغيل خدمات حركة المرور والسفر من TomTom أو إيقاف تشغيلها (إذا كانت السيارة مزودة بذلك). يلزم توفر اشتراك نشط حتى تعمل هذه الميزة.
Reset App Drawer to Default Order (إعادة ضبط App Drawer إلى الترتيب الافتراضي)	سيؤدي هذا الإعداد إلى إعادة ضبط شريط التطبيقات إلى تخطيط المصنع الافتراضي.

اسم الإعداد	الوصف
Units (الوحدات)	سيتيح لك هذا الإعداد تغيير الوحدات. الخيارات المتوفرة هي وحدات قياس "Speed" (السرعة) (ميل/ساعة أو كم/ساعة)، و"Distance" (المسافة) (ميل أو كم)، و"Current Consumption" (الاستهلاك الحالي) (ميل لكل جالون [الولايات المتحدة] أو ميل لكل جالون [المملكة المتحدة] أو لتر/100 كم أو كم/لتر)، و"Pressure" (الضغط) (رطل/بوصة مربعة أو كيلوباسكال أو بار)، و"Temperature" (درجة الحرارة) (درجة مئوية أو فهرنهايت) كل على حدة.
Touchscreen Beep (صافرة شاشة اللمس)	سيتيح لك هذا الإعداد تشغيل أو إيقاف تشغيل صافرة شاشة اللمس.
Show Main Category Bar Labels (عرض ملصقات شريط الفئة الرئيسية)	يتيح هذا الإعداد تشغيل عرض ملصقات شريط الفئة الرئيسية أو إيقاف تشغيله.
النوافذ المنبثقة للمنعطف التالي بنظام الملاحة المعروضة في مجموعة أجهزة القياس	سيعرض هذا الإعداد مطالبات الملاحة في شاشة عرض مجموعة أجهزة القياس.
Phone Pop-Ups Displayed In Cluster (قوائم الهاتف المنبثقة معروضة في مجموعة أجهزة القياس)	سيعرض هذا الإعداد إخطارات ورسائل الهاتف الذكي في شاشة مجموعة أجهزة القياس.
Message Pop-ups Displayed with Button Press (عرض الرسائل المنبثقة مع الضغط على الزر)	سيؤدي هذا الإعداد إلى تشغيل إشعارات الرسائل أو إيقاف تشغيلها.
System Text Size (حجم نص النظام)	يتيح لك هذا الإعداد تغيير النص على الراديو إلى "Standard" (قياسي) أو "Large" (كبير) أو "Taller" (أطول).
Time Format (تنسيق الوقت)	سيتيح لك هذا الإعداد ضبط تنسيق الوقت (AM (صباحًا)/PM (مساءً)). يجب إيقاف Sync Time With GPS (مزامنة الوقت مع نظام تحديد المواقع العالمي) لكي يصبح هذا الإعداد متاحًا. سيضبط إعداد "24 hrs" (12 ساعة) الوقت على تنسيق 12 ساعة. سيضبط إعداد "24 hrs" (24 ساعة) الوقت على تنسيق 24 ساعة.
Voice Options (خيارات الصوت)	يتيح لك هذا الإعداد تغيير خيارات صوت الراديو إلى "Male" (ذكر) أو "Female" (أنثى).
Wake Up Word (كلمة التنشيط)	يتيح لك هذا الإعداد ضبط كلمة "Wake Up" (تنشيط) بالنظام. الخيار المتاح هو "Hey Uconnect" (مرحبًا نظام Uconnect).
Voice Barge-in (الاقتحام الصوتي)	يتيح هذا الإعداد تشغيل الاقتحام الصوتي أو إيقاف تشغيله. للحصول على مزيد من المعلومات عن نظام Voice Barge-in (الاقتحام الصوتي)، راجع ملحق دليل تعليمات الراديو في نظام Uconnect.
Show Command List (عرض قائمة الأوامر)	يتيح هذا الإعداد عرض Command List (قائمة الأوامر) في وضع التشغيل أو إيقاف التشغيل.
Ambient Color Personalization (تخصيص الألوان المحيطة)	سيقوم هذا الإعداد بإعادة التوجيه إلى قائمة جديدة تسمح لك بتغيير لون الإضاءة المحيطة في الكابينة.

اسم الإعداد	الوصف
Rear Seat Screen Permissions (أذونات شاشة المقعد الخلفي)	سيؤدي هذا الإعداد إلى تمكين أذونات شاشة المقعد الخلفي أو تعطيلها. يوجد الخياران "On" (التشغيل) و"Off" (إيقاف التشغيل) ضمن "Navigation" (الملاحة).

My Profile (ملف التعريف الخاص بي)

عند الضغط على زر My Profile (ملف التعريف الخاص بي) على شاشة اللمس، يعرض النظام الخيارات المتعلقة بملفات التعريف في السيارة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

5

اسم الإعداد	الوصف
Language (اللغة)	سيؤدي هذا الإعداد إلى تغيير لغة نظام Uconnect. اللغات المتاحة هي Português Brasileiro، وDeutsch، وEnglish، وEspañol، وFrançais، وItaliano، وNederlands، وPolski، وTürk، وРусский، والعربية.
Display Mode (وضع شاشة العرض)	سيضبط هذا الإعداد شاشة الراديو على "Auto" (أوتوماتيكي) أو "Manual" (يدوي). يتيح إعداد "Manual" (يدوي) تخصيص شاشة الراديو بصورة أكبر.
سطوع شاشة العرض مع تشغيل المصابيح الأمامية	سيسمح لك هذا الإعداد بتحديد مستوى السطوع عند تشغيل الأضواء الأمامية. للوصول إلى هذا الإعداد، يجب ضبط Display Mode (وضع العرض) على "Manual" (يدوي). سيزيد الإعداد "+" مستوى السطوع، وسيؤدي الإعداد "-" إلى خفض السطوع.
سطوع شاشة العرض مع إيقاف تشغيل المصابيح الأمامية	سيسمح لك هذا الإعداد بتحديد مستوى السطوع عند إيقاف تشغيل الأضواء الأمامية. للوصول إلى هذا الإعداد، يجب ضبط Display Mode (وضع العرض) على "Manual" (يدوي). سيزيد الإعداد "+" مستوى السطوع، وسيؤدي الإعداد "-" إلى خفض السطوع.
Set Theme (ضبط السمة)	سيتيح لك هذا الإعداد تغيير سمة العرض.
وضع السمة	سيتيح لك هذا الإعداد ضبط درجة سطوع السمة الخاصة بك. خيارات الإعداد هي "Light" (ساطع) و"Dark" (داكن) و"Auto" (تلقائي). حدد لإظهار السمات في الوضع Light (ساطع) أو Dark (داكن). يغير الوضع "Auto" (أوتوماتيكي) السمة مع الأضواء الأمامية.

اسم الإعداد	الوصف
Touchscreen Beep (صافرة شاشة اللمس)	سيتيح لك هذا الإعداد تشغيل أو إيقاف تشغيل صافرة شاشة اللمس.
Show Main Category Bar Labels (عرض ملصقات شريط الفئة الرئيسية)	سيتيح لك هذا الإعداد تشغيل ملصقات شريط الفئة الرئيسية السفلية أو إيقاف تشغيلها.
Control Screen Timeout (مهلة شاشة التحكم)	يتيح لك هذا الإعداد ضبط Control Screen (شاشة التحكم) ليتم إيقاف تشغيلها أوتوماتيكيًا بعد خمس ثوان أو لكي تظل مفتوحة حتى يتم إغلاقها يدويًا.
النوافذ المنبثقة للمنعطف التالي بنظام الملاحة المعروضة في مجموعة أجهزة القياس	سيعرض هذا الإعداد مطالبات الملاحة في شاشة عرض مجموعة أجهزة القياس.
Phone Pop-Ups Displayed In Cluster (قوائم الهاتف المنبثقة معروضة في مجموعة أجهزة القياس)	سيعرض هذا الإعداد إخطارات ورسائل الهاتف الذكي في شاشة مجموعة أجهزة القياس.
Message Pop-Ups Displayed with Button Press (عرض الرسائل المنبثقة مع الضغط على الزر)	سيؤدي هذا الإعداد إلى تشغيل إشعارات الرسائل أو إيقاف تشغيلها.
النوافذ المنبثقة Ready to Drive (جاهز للقيادة)	سيؤدي هذا الإعداد إلى تمكين النوافذ المنبثقة Ready to Drive (جاهز للقيادة) في شاشة عرض مجموعة أجهزة القياس.

شاشات الترفيه

عند الضغط على زر Entertainment Screens (شاشات الترفيه) في شاشة اللمس، يعرض النظام خيارات مختلفة مرتبطة بنظام الترفيه في السيارة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Passenger Screen Permissions (أذونات شاشة الراكب)	سيؤدي هذا الإعداد إلى تمكين أذونات شاشة الراكب أو تعطيلها. تشمل الخيارات الموجودة ضمن هذا الإعداد "Navigation" (التنقل) و"Device Manager" (إدارة الأجهزة) و"Uconnect Theater"، ولكل منها خيارا "On" (التشغيل) و"Off" (إيقاف التشغيل).

شاشة العرض

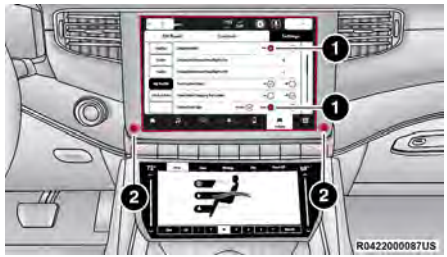
عند الضغط على زر "Display" (العرض) على شاشة اللمس، سيعرض النظام الخيارات المرتبطة بالسمة (إذا كانت السيارة مزودة بذلك)، والسطوع، ولون شاشة اللمس.
الإعدادات المتاحة هي:

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

اسم الإعداد	الوصف
Language (اللغة)	سيؤدي هذا الإعداد إلى تغيير لغة نظام Uconnect. اللغات المتاحة هي Português Brasileiro، وDeutsch، وEnglish، وEspañol، وFrançais، وItaliano، وNederlands، وPolski، وTürk، وРусский، والعربية.
Display Mode (وضع شاشة العرض)	سيتيح لك هذا الإعداد ضبط مستوى السطوع يدويًا أو السماح بضبط أوتوماتيكيًا بواسطة النظام. يعمل الإعداد "Auto" (أوتوماتيكي) على جعل النظام يضبط سطوع شاشة العرض أوتوماتيكيًا. سيتيح الإعداد "Manual" (يدوي) للمستخدم ضبط مستوى سطوع شاشة العرض.
Display Brightness with Headlights On (سطوع شاشة العرض مع تشغيل الأضواء الأمامية)	سيسمح لك هذا الإعداد بتحديد مستوى السطوع عند تشغيل الأضواء الأمامية. للوصول إلى هذا الإعداد، يجب ضبط Display Mode (وضع العرض) على "Manual" (يدوي). سيزيد الإعداد "+" مستوى السطوع، وسيؤدي الإعداد "-" إلى خفض السطوع.
Display Brightness With Headlights OFF (سطوع شاشة العرض مع إيقاف تشغيل الأضواء الأمامية)	سيسمح لك هذا الإعداد بتحديد مستوى السطوع عند إيقاف تشغيل الأضواء الأمامية. للوصول إلى هذا الإعداد، يجب ضبط Display Mode (وضع العرض) على "Manual" (يدوي). سيزيد الإعداد "+" مستوى السطوع، وسيؤدي الإعداد "-" إلى خفض السطوع.
Set Theme (ضبط السمة)	سيتيح لك هذا الإعداد تغيير سمة العرض.
وضع السمة	سيتيح لك هذا الإعداد ضبط درجة سطوع السمة الخاصة بك. خيارات الإعداد هي "Light" (ساطع) و"Dark" (داكن) و"Auto" (تلقائي). حدد لإظهار السمات في الوضع Light (ساطع) أو Dark (داكن). يغير الوضع "Auto" (أوتوماتيكي) السمة مع الأضواء الأمامية.
Units (الوحدات)	سيتيح لك هذا الإعداد تغيير الوحدات. الخيارات المتوفرة هي وحدات قياس "Speed" (السرعة) (ميل/ساعة أو كم/ساعة)، و"Distance" (المسافة) (ميل أو كم)، و"Current Consumption" (الاستهلاك الحالي) (ميل لكل جالون [الولايات المتحدة] أو ميل لكل جالون [المملكة المتحدة] أو لتر/100 كم أو كم/لتر)، و"Pressure" (الضغط) (رطل/بوصة مربعة أو كيلوباسكال أو بار)، و"Temperature" (درجة الحرارة) (درجة مئوية أو فهرنهايت) كل على حدة.

5

الميزات القابلة للبرمجة بواسطة العميل



نظام Uconnect 5 NAV مزوّد بشاشة عرض مقاس 12 بوصة

1 — أزرار Uconnect على شاشة اللمس
2 — أزرار Uconnect على الواجهة

اضغط على زر Vehicle (السيارة)، ثم اضغط على علامة تبويب Settings (الإعدادات) في أعلى شاشة اللمس. في هذه القائمة، يتيح لك نظام Uconnect الوصول إلى كل الميزات المتاحة القابلة للبرمجة.

ملاحظة:

- يمكنك لمس منطقة واحدة فقط في شاشة اللمس في كل مرة.
- تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.
- اضغطْ على الزر Open/Close (فتح/إغلاق) على شاشة عرض الراحة والملاءمة الأمامية للوصول إلى شاشة الطي.

عند التحديد، اضغط على الزر الموجود على شاشة اللمس للدخول إلى القائمة المطلوبة. وبمجرد الدخول إلى القائمة المطلوبة، اضغط على خيار الإعداد المفضل وحرره حتى تظهر علامة اختيار بجوار الإعداد تشير إلى إتمام تحديد الإعداد. بمجرد اكتمال الإعداد، اضغط على زر Vehicle (السيارة) للخروج من الشاشة. يتيح الضغط على زر سهم up (لأعلى) أو down (لأسفل) على الجانب الأيمن من الشاشة التنقل لأعلى أو لأسفل عبر الإعدادات المتاحة.

الوسائط المتعددة

أنظمة UCONNECT

للحصول على معلومات تفصيلية عن نظام Uconnect 5/5 NAV المزود بشاشة عرض مقاس 10.1 بوصات أو نظام Uconnect 5 NAV المزود بشاشة عرض مقاس 12 بوصة، راجع دليل تعليمات الراديو في نظام Uconnect.

ملاحظة:

يتم عرض صور شاشة نظام Uconnect للأغراض التوضيحية فقط وقد لا تعكس البرنامج ذاته الموجود في سيارتك.

نظام CYBERSECURITY

استنادًا إلى التطبيق، قد تتمكن سيارتك من إرسال معلومات أو تلقيها من شبكة سلكية أو لاسلكية. تتيح هذه المعلومات عمل الأنظمة والمزايا في سيارتك كما ينبغي.

قد تكون السيارة مزودة بميزات أمان محددة لتقليل خطر الوصول غير المصرح به وغير القانوني لأنظمة السيارة والاتصالات اللاسلكية. تتطور تقنية برامج السيارة باستمرار بمرور الوقت وتقوم FCA، بالتعاون مع مورديها، بالتقييم واتخاذ الخطوات المناسبة حسب الحاجة. وكالعادة دائمًا، إذا واجهت سلوكًا غير معتاد، فاتصل بوكيل معتمد على الفور ⇦ صفحة ٣٨٥.

قد لا يزال خطر الوصول غير المرخص وغير القانوني إلى سيارتك قائمًا، حتى في حالة تثبيت أحدث إصدار من برنامج السيارة (مثل برنامج Uconnect).

تحذير!
• أدخل أجهزة/مكونات الوسائط الموثوق بها فقط في سيارتك. يمكن أن تنطوي الوسائط من مصدر غير معروف على برامج ضارة، وإذا تم تثبيتها بسيارتك، فقد تزيد من احتمالية اختراق أنظمة السيارة لديك. • وكالعادة دائمًا، إذا واجهت سلوكًا غير معتاد من السيارة، فاتصل بوكيل معتمد على الفور.

إعدادات نظام UCONNECT

يستخدم نظام Uconnect خليطًا من مجموعة من الأزرار على شاشة اللمس ومجموعة من الأزرار على لوحة الواجهة الموجودة في منتصف لوحة أجهزة القياس. تسمح لك هذه الأزرار بالوصول إلى الميزات القابلة للبرمجة بواسطة العميل وتغييرها. قد تختلف العديد من الميزات باختلاف السيارة.

توجد الأزرار الموجودة في لوحة الواجهة أسفل نظام Uconnect و/أو بجانبه، في منتصف لوحة أجهزة القياس. بالإضافة إلى ذلك، يوجد مقبض التحكم SCROLL (تمرير)/ENTER (إدخال) على الجانب الأيمن. أدر مقبض التحكم للتنقل داخل القوائم وتغيير الإعدادات. اضغط على مركز مقبض التحكم مرة أو مرتين لتحديد أي إعداد وتغييره.

قد يشتمل نظام Uconnect أيضًا على زري SCREEN OFF (إيقاف تشغيل الشاشة) وMUTE (كتم الصوت) على الواجهة.

اضغط على زر SCREEN OFF (إيقاف تشغيل الشاشة) على الواجهة لإيقاف تشغيل شاشة نظام Uconnect. اضغط على الزر مرة أخرى أو انقر على الشاشة لتشغيلها.

اضغط على زر سهم الرجوع للخروج من Menu (القائمة) أو بعض الخيارات على نظام Uconnect.

اضغط مطولاً على زر الطاقة الموجود على واجهة الراديو لمدة 15 ثانية على الأقل لإعادة ضبط الراديو.

5

تحذير!
قد يتسبب استخدام مواد كاشطة على أي جزء من الفرامل في تزايد بلي الفرامل أو الفرملة غير المتوقعة. قد لا تتوافر لديك طاقة الفرامل الكاملة عند احتياجك لها لمنع الحوادث. إذا كنت تقود السيارة في ظروف متربة، افحص الفرامل ونظفها إذا لزم الأمر.

- إذا واجهت اهتزاز غير عادي بعد القيادة في الطرق الطينية أو الموحلة أو ما يشابهها، افحص العجلات للتأكد من عدم تواجد الأوساخ بين السنون. فقد تتسبب هذه الأوساخ في عدم اتزان العجل وتخليص العجلات منها يصحح هذا الموقف.

صعود المرتفعات

ملاحظة:

قبل محاولة صعود مرتفع، حدد ظروف قمة المرتفع أو الجانب الآخر منه.

قبل صعود مرتفع شاهق، انقل ناقل الحركة إلى ترس منخفض وانقل علبة النقل إلى وضع 4WD LOW (الدفع الرباعي المنخفض). استخدم الترس الأول وترس وضع 4WD LOW (الدفع الرباعي المنخفض) للقيادة على المنحدرات شديدة الانحدار.

إذا توقفت سيارتك أو بدأت في فقدان التقدم للأمام أثناء صعود مرتفع شاهق، فاسمح للسيارة بالتوقف وقم بتعشيق الفرامل على الفور. أعد تشغيل المحرك وانتقل إلى ترس الرجوع إلى الخلف (R). تراجع ببطء إلى أسفل المرتفع مع السماح لضغط فرامل المحرك بالمساعدة في تنظيم السرعة. إذا تطلب الأمر استعمال الفرامل للتحكم في سرعة السيارة، فاستعملها ببطء وتجنب قفل أو انزلاق الإطارات.

تحذير!
إذا توقف المحرك أو فقدت السيارة قوة الدفع للأمام على المرتفع أو المنحدر، فلا تحاول الانعطاف. وقد ينتج عن القيام بذلك ميل السيارة أو انقلابها. ارجع للخلف بحرص في اتجاه مستقيم مع وضع السيارة في ترس الرجوع للخلف. لا تتراجع بالسيارة مطلقًا في وضع اللاتعشيق مستخدمًا الفرامل فقط.

تذكر ألا تقود السيارة في اتجاه مائل عبر المرتفع أبدًا. يجب القيادة في وضع مستقيم لأعلى أو لأسفل دائمًا.

إذا بدأت العجلات في الانزلاق مع اقترابك لقمة المرتفع، فخفف الضغط على دواسة الوقود وحافظ على التقدم للأمام بإدارة العجلات الأمامية ببطء إلى اليسار واليمين. قد يوفر ذلك طاقة تشبث جديدة بسطح الطريق ويوفر المزيد من طاقة الجر لإكمال الصعود.

الجر أثناء النزول من مرتفع

عند هبوط جبل أو منطقة مرتفعة، استخدم نظام التحكم في النزول من على المرتفعات أو التحكم في تحديد السرعة (Selec-Speed) لتجنب الفرملة القوية المتكررة.

إذا كانت السيارة غير مزودة بنظام التحكم في النزول من على المرتفعات أو التحكم في تحديد السرعة (Selec-Speed)، استخدم الإجراء التالي:

انقل ناقل الحركة إلى ترس منخفض وعلبة النقل إلى نطاق 4WD LOW (الدفع الرباعي المنخفض). اترك السيارة تسير ببطء لأسفل المرتفع مع إدارة العجلات الأربع عكس اتجاه سحب ضغط المحرك. يسمح ذلك الأمر لك بالتحكم في سرعة السيارة واتجاهها.

عند هبوط جبل أو منطقة مرتفعة، قد تتسبب الفرملة المتكررة في تضاؤل أثر الفرامل مع فقدان التحكم في الفرامل. تجنب الفرملة القوية المتكررة بإنزال ناقل الحركة إلى ترس منخفض متى كان ذلك ممكنًا.

بعد القيادة على طرق غير ممهدة

تضع القيادة على الطرق الممهدة المزيد من الضغط على السيارة أكثر مما هو حادث عند القيادة على معظم الطرق. يفضل بعد الانتهاء من القيادة على طريق غير ممهد التأكد من عدم وجود أي تلفيات. وبهذه الطريقة يتم التعامل مع أي مشكلة بشكل صحيح وتكون سيارتك جاهزة حال احتياجك لها.

- افحص الجزء السفلي من السيارة بالكامل. افحص الإطارات وهيكل البدن وعجلة القيادة وآلية التعليق ونظام العادم للتأكد من عدم وجود تلف.
- افحص الراديتير بحثًا عن وجود طين أو رواسب، وقم بتنظيفه إذا لزم الأمر.
- افحص المثبتات (المسامير وما شابه) للتأكد من شدها، خصوصًا تلك الموجودة على الشاسيه ومكونات مجموعة الدفع والحركة وعجلة القيادة وآلية التعليق. أعد شد هذه المثبتات إذا تطلب الأمر، وانقل العزم إلى القيم المحددة في كتيب الصيانة.
- تأكد من عدم تراكم النباتات أو أي أغصان. تمثل هذه الأشياء مصدرًا للحرائق. وقد تسبب تلف غير ظاهر في خطوط الطاقة وخراطيم الفرامل وسدادات محور الدوران وأعمدة الدعم.
- بعد القيادة لمدة طويلة في الطين أو الرمل أو الماء، أو ظروف مماثلة، افحص أسطوانات وبطانات شبكة تبريد السيارة والمروحة والفرامل والعجلات ووصلات محور الدوران للفحص ونظفها بأسرع ما يمكن.

وقت استخدام وضع 4WD LOW (الدفع الرباعي المنخفض) — إذا كانت السيارة مزوّدة بذلك

انتقل إلى وضع 4WD LOW (الدفع الرباعي المنخفض) عند وجودك على الطرق الوعرة للحصول على المزيد من طاقة الجر. يجب أن يكون استخدام هذا النطاق محدودًا بظروف القيادة بالغة الصعوبة مثلما هو الحال عند القيادة في الأراضي الثلجية العميقة أو الطينية أو الرملية أو عند الاحتياج إلى طاقة سحب منخفض السرعة. يجب تجنب سرعات السيارة التي تزيد عن 40 كم/الساعة (25 ميلاً/الساعة) عند تشغيل وضع 4WD LOW (الدفع الرباعي المنخفض).

تحذير!
لا تقد السيارة في وضع 4WD LOW (الدفع الرباعي المنخفض) على طريق ممهد جاف؛ حيث يمكن أن يؤدي ذلك إلى تلف مجموعة نقل الحركة. يقفل وضع 4WD LOW (الدفع الرباعي المنخفض) مجموعتَي نقل الحركة الأمامية والخلفية معًا ولا يسمح بإجراء تفاضلي بين أعمدة التوجيه الأمامية والخلفية. تؤدي القيادة في وضع الدفع الرباعي (4WD) المنخفض على طريق ممهد إلى تقييد مجموعة الدفع والحركة؛ استخدمه فقط على الأسطح الرطبة أو الزلقة.

القيادة على طرق مغمورة بالمياه

على الرغم من إمكانية قيادة السيارة على طرق مغمورة بالمياه، هناك عدد من الاحتياطات التي يجب أخذها في الاعتبار قبل الدخول في الماء.

ملاحظة:

سيارتك مزودة بإمكانية الخوض في الماء بما يصل إلى 20 بوصة (51 سم) من الماء، أثناء عبور المجاري أو الأنهار الضحلة. للحفاظ على أفضل أداء لنظام التسخين والتهوية بالسيارة، ينصح بتحويل النظام إلى وضع إعادة التدوير أثناء الخوض في المياه.

تنبيه!
عند القيادة خلال الماء، لا تتجاوز سرعة 8 كم/ساعة (5 أميال/ساعة). افحص عمق المياه دائمًا قبل الدخول فيها كإجراء وقائي، وافحص جميع السوائل بعد الخروج من الماء. إن الخوض في المياه بالسيارة قد ينجم عنه تلف غير مشمول بالضمان المحدود لسيارتك الجديدة.

تتطلب القيادة في الماء الذي يصل عمقه إلى أكثر من عدة سنتيمترات/بوصات توخي مزيد من الحذر لضمان السلامة وتجنب تلف السيارة. إذا كان يتوجب عليك الخوض في بسيارتك في الماء، فحاول تحديد عمق المياه وظروف قاع المياه (وموقع أية عوائق) قبل الخوض فيها. تقدم بحذر وحافظ على سرعة ثابتة خاضعة للتحكم أقل من 8 كم/ساعة (5 أميال/ساعة) في المياه العميقة لتقليل تأثير الأمواج.

الماء المتدفق

إذا كانت المياه تتدفق وترتفع بشكل سريع (مثلما هو الحال في أوقات الأمطار العاتية)، فتجنب عبور المياه حتى ينخفض مستواها و/أو تنخفض سرعة التدفق. إذا كان يتوجب عليك عبور المياه المتدفقة، فتجنب الأعماق الأكثر من 23 سم (9 بوصات). قد يتسبب الماء المتدفق تحت مجرى التيار في غوص سيارتك في الماء العميق. حدد نقطة أو نقاط الخروج في اتجاه مجرى تيار نقطة الدخول للسماح بانجراف السيارة.

الماء الراكد

تجنب القيادة في الماء الراكد الذي يتجاوز عمقه 60 سم (24 بوصة)، وقلل السرعة بشكل مناسب لتقليل تأثيرات الأمواج. السرعة القصوى 8 كم/ساعة (5 أميال/ساعة).

الصيانة

بعد قيادة السيارة عبر المياه العميقة، افحص السوائل وزيوت التشحيم (زيت المحرك، زيت ناقل الحركة، المحور، علبة النقل) لضمان عدم تلوثها. يجب تصريف/استبدال السائل الملوث (رغوي المظهر) بأسرع ما يمكن لمنع تلف المكون.

القيادة على الطرق الثلجية والطينية والرملية

في ظروف تساقط الثلوج بكثرة أو عند سحب حمولة أو للحصول على مزيد من التحكم أثناء القيادة بسرعات منخفضة، انقل ناقل الحركة إلى ترس منخفض وانقل علبة النقل إلى 4WD Low (الدفع الرباعي المنخفض) إذا تطلب الأمر ذلك ⇦ صفحة ١٣٧. قم بالتبديل إلى ترس أقل فقط للحفاظ على الحركة الأمامية. إن زيادة عدد دورات المحرك قد يؤدي إلى تسارع دوران العجلات وفقدان الجر.

تجنب الانتقال إلى التروس المنخفضة على الطرق الثلجية أو المنزلقة، فقد تتسبب فرملة المحرك في انزلاق السيارة وفقدان التحكم في السيارة.

- يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) حتى يتم النقل وحتى يضئ ضوء مؤشر الوضع. إذا لم يكن مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) فلن يحدث النقل ولن تضاء أو تومض أية أضواء مؤشر الوضع.
- يشير مصباح مؤشر وضع المحايد (N) الوامض إلى أن متطلبات النقل لم يتم استيفاؤها.

6. اضغط على دواسة الفرامل مطولاً.
7. نقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).
8. باستخدام قلم حبر جاف أو جسم مماثل، اضغط مطولاً على زر اللاتعشيق (N) الغائر في علبة النقل (الموجود بجوار مفتاح التحديد) لمدة ثانيتين.

زر اللاتعشيق (N)

9. بعد انطفاء ضوء مؤشر وضع Neutral (اللاتعشيق)، قم بتحرير زر Neutral (اللاتعشيق). بعد تحرير زر Neutral (المحايد) ستنتقل علبة تغيير التروس إلى الموضع المحدد بواسطة مفتاح التحديد.
10. قم بوضع ناقل الحركة في الوضع PARK (التوقف). قم بإيقاف تشغيل المحرك.
11. حرر دواسة الفرامل.
12. قم بفصل السيارة من سيارة السحب.
13. قم بتشغيل المحرك.
14. اضغط على دواسة الفرامل مطولاً.
15. حرر فرامل التوقف الكهربية.
16. قم بتبديل ناقل الحركة إلى وضع REVERSE (الرجوع للخلف) أو DRIVE (القيادة)، وحرر دواسة الفرامل، وتحقق من عمل السيارة بشكل طبيعي.

إرشادات القيادة

إرشادات القيادة على الطرق الممهدة

تتميز سيارات الخدمة بأن لها مساحة خلوص أرضي أكبر وعرض أضيق كي يمكن لها العمل على أنواع متعددة من أسطح الطرق غير الممهدة. توفر لهم مواصفات التصميم الخاصة مركز ثقل أعلى من سيارات الركاب التقليدية.

ومن مزايا الخلوص الأرضي الأعلى هو تحسين الرؤية للطريق وإمكان توقع المشكلات. إن هذه السيارات غير مصممة للانعطاف بنفس سرعة سيارات الركاب التقليدية، وهو أمر شبيه بما ينطبق على السيارات الرياضية المنخفضة فهي غير مصممة للعمل بصورة جيدة في الطرق غير الممهدة. حاول تفادي الانعطافات الحادة أو المناورات المفاجئة. وقد يؤدي عدم تشغيل هذه السيارة بصورة صحيحة، كما هو الحال بالنسبة للسيارات الأخرى من نفس النوع، إلى فقدان السيطرة عليها أو انقلاب السيارة.

إرشادات القيادة على الطرق غير الممهدة

ميزة Quadra-Lift - إذا كانت السيارة مزودة بذلك

عند القيادة في الطرق غير الممهدة، يُوصى باختيار أدنى ارتفاع ممكن للسيارة يؤدي إلى إزالة العائق أو التضاريس الحالية. ويجب عندئذٍ رفع مستوى السيارة حسبما تتطلب تغييرات التضاريس.

سيقوم مفتاح Selec-Terrain أوتوماتيكيًا بتغيير السيارة إلى الارتفاع المناسب بناءً على وضع مفتاح Selec-Terrain. يمكن تغيير ارتفاع السيارة من الارتفاع الافتراضي لكل وضع من أوضاع Selec-Terrain عن طريق الاستخدام العادي لمفاتيح التعليق الهوائي ⇦ صفحة ١٣٧.

○ يتطلب تعشيق/فك تعشيق فرامل التوقف الكهربية وجود مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

5. باستخدام قلم ذي سن كروي أو أداة مشابهة، اضغط مطولاً على زر N (اللاتعشيق) الغائر في علبة النقل (الموجود بجوار مفتاح التحديد) لمدة أربع ثوان. سيومض الضوء خلف رمز N، مشيرًا إلى تقدم النقل. وسيتوقف الضوء عن الوميض (يبقى مضيئًا باستمرار) مع اكتمال النقل إلى وضع N (اللاتعشيق). تظهر الرسالة "FOUR WHEEL DRIVE SYSTEM IN NEUTRAL" (نظام الدفع الرباعي في وضع اللاتعشيق) في مجموعة أجهزة القياس.

زر اللاتعشيق (N)

6. بعد اكتمال النقل وإضاءة مصباح وضع اللاتعشيق (N)، حرر زر اللاتعشيق (N).
7. قم بتغيير ناقل الحركة إلى ترس REVERSE (الرجوع للخلف) أو DRIVE (القيادة).
8. حرر دواسة الفرامل لمدة 5 ثواني وتأكد من عدم وجود حركة بالسيارة.
9. اضغط على دواسة الفرامل مطولاً. نقل ناقل الحركة مرة أخرى إلى وضع NEUTRAL (اللاتعشيق).
10. استخدم فرامل التوقف الكهربية.
11. عندما يكون ناقل الحركة وعلبة النقل في وضع اللاتعشيق (N)، اضغط مطولاً على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) حتى يتم إيقاف تشغيل المحرك. تأكد من أن السيارة في وضع RUN (التشغيل) في أثناء إيقاف تشغيل المحرك.
12. ضع محدد التروس بناقل الحركة في وضع PARK (التوقف). حرر دواسة الفرامل.
13. اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) مرتين (من دون الضغط على دواسة الفرامل) لإدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).
14. قم بتوصيل السيارة بسيارة سحب عن طريق قضيب سحب مناسب.
15. حرر فرامل التوقف الكهربية. تأكد من أن السيارة في وضع RUN (التشغيل) في أثناء إيقاف تشغيل المحرك.
16. أدر مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)، لكن لا تقم بتشغيل المحرك.
17. تأكد من فتح قفل عمود التوجيه.
18. افصل كابل البطارية السالب واجعله بعيدًا عن القطب السالب للبطارية.

ملاحظة:

يؤدي فصل بطارية السيارة إلى مسح المحطات المضبوطة مسبقًا للراديو، وقد يؤثر على الإعدادات الأخرى في السيارة. كما يمكن أيضًا أن يؤدي إلى تشغيل العديد من رموز خطأ، مما يتسبب في إضاءة ضوء مؤشر العطل (MIL) عند إعادة توصيل البطارية.

الانتقال من وضع N (المحايد)

استخدم الإجراء التالي لتحضير سيارتك للاستخدام العادي:

1. أوقف السيارة تمامًا، واتركها متصلة بسيارة السحب.
2. استخدم فرامل التوقف الكهربية.
3. أعد توصيل كابل البطارية السالب.
4. أدر مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).
5. قم بتشغيل المحرك.

ملاحظة:

○ الخطوات من 1 إلى 5 هي متطلبات يجب استيفاؤها قبل الضغط على زر وضع اللاتعشيق (N) ويجب الاستمرار في استيفائها حتى اكتمال النقل. في حالة عدم استيفاء أي من هذه المتطلبات قبل الضغط على زر اللاتعشيق (N) أو عدم الحفاظ على استيفائها خلال النقل، سيومض ضوء مؤشر اللاتعشيق (N) بشكل مستمر حتى يتم استيفاء جميع المتطلبات أو حتى يتم تحرير زر اللاتعشيق (N).

تنبيه!

- لا تقم بسحب أي سيارة ذات دفع رباعي باستخدام دليات سحب. سوف يتسبب السحب مع وجود مجموعة واحدة من العجلات على الأرض (الأمامية أو الخلفية) في حدوث تلف بالغ في ناقل الحركة و/أو علبة النقل. قم بالسحب مع وجود جميع العجلات الأربع إما على الأرض أو مرفوعة عن الأرض (باستخدام مقطورة سيارة).
- قم بالجر في الاتجاه الأمامي فقط. يمكن أن يؤدي سحب هذه السيارة للخلف إلى تلف شديد بعلبة النقل.
- يجب وضع ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) للقيام بالجر من أجل الاستجمام.
- قبل السحب خلف عربات البيوت المتنقلة، نفذ الإجراء الموضح ضمن العنوان "النقل إلى وضع اللاتعشيق (N)" للتأكد من وجود علبة النقل في وضع اللاتعشيق (N) بشكل كامل. وغير ذلك يتسبب في حدوث تلف داخلي.
- يمكن أن ينجم عن مخالفة المتطلبات السابقة لسحب هذه السيارة حدوث أضرار بالغة في ناقل الحركة و/أو علبة النقل. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.
- لا تستخدم قضيب سحب قامط مركب على المصد في سيارتك. حيث يؤدي ذلك إلى تلف قضيب وجه المصد.

الانتقال إلى وضع N (محايد)

تحذير!

فقد تتعرض أنت أو الآخرون للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود علبة النقل في وضع N (اللاتعشيق) دون استخدام فرامل التوقف أولًا بشكل كامل. يقوم وضع N (اللاتعشيق) لعلبة النقل بفصل كل من عمودي الإدارة الأمامي والخلفي عن مجموعة الدفع والحركة، ويسمح للسيارة بالحركة حتى وإن كان ناقل الحركة في وضع PARK (التوقف). يجب استخدام فرامل التوقف دائمًا عندما لا يكون السائق موجودًا في السيارة.

تنبيه!

من الضروري اتباع هذه الخطوات للتأكد من وجود علبة نقل التروس في وضع اللاتعشيق الكامل N قبل الجر من أجل الاستجمام لمنع تلف الأجزاء الداخلية.

استخدم الإجراء التالي لتحضير سيارتك للجر من أجل الاستجمام:

1. أوقف السيارة تمامًا على أرض مستوية أثناء تشغيل المحرك.
2. اضغط على دواسة الفرامل مطولًا.
3. نقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).
4. إذا كانت السيارة مزودة بنظام التعليق الهوائي Quadra-Lift، فتأكد من أن السيارة قد تم ضبطها على ارتفاع الركوب العادي.

ملاحظة:

- الخطوات من 1 إلى 4 هي متطلبات يجب استيفاؤها قبل الضغط على زر وضع اللاتعشيق (N) ويجب الاستمرار في استيفائها حتى اكتمال النقل. في حال عدم استيفاء أي من هذه المتطلبات قبل الضغط على زر اللاتعشيق (N) أو عدم الحفاظ على استيفائها خلال النقل، يومض ضوء مؤشر اللاتعشيق (N) بشكل مستمر حتى يتم استيفاء جميع المتطلبات أو حتى يتم تحرير زر اللاتعشيق (N).
- يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) حتى يتم النقل وحتى يضئ ضوء مؤشر الوضع. إذا لم يكن مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) فلن يحدث النقل ولن تضاء أو تومض أية أضواء مؤشر الوضع.
- يشير مصباح مؤشر وضع المحايد (N) الوامض إلى أن متطلبات النقل لم يتم استيفاؤها.
- إذا كانت السيارة مزودة بنظام التعليق الهوائي Quadra-Lift، فينبغي أن يبدأ المحرك في العمل وأن يُترك قيد التشغيل لمدة 60 ثانية كحد أدنى (مع إغلاق جميع الأبواب) على الأقل مرة كل 24 ساعة. سوف تسمح هذه العملية للتعليق الهوائي أن يقوم بضبط ارتفاع ركوب السيارة لتعويض تأثيرات درجة الحرارة.

ملاحظة:

- عند جر سيارتك، اتبع دائمًا القوانين المعمول بها في الولايات والمقاطعات. اتصل بمكاتب سلامة الطرق السريعة بالدولة والمقاطعات للتعرف على مزيد من التفاصيل.
- يجب وضع السيارات المزودة بنظام Quadra-Lift في وضع Transport (النقل) قبل سحبها (من الهيكل) على مقطورة أو شاحنة ذات سطح مفتوح ⇦ صفحة ١٤٠. إذا تعذر وضع السيارة في وضع Transport (النقل) (على سبيل المثال، لا يعمل المحرك)، فيجب تثبيت الأربطة فوق الإطارات باستخدام أشرطة خاصة (وليس بهيكل السيارة). قد يؤدي عدم اتباع هذه التعليمات إلى ضبط رموز خاطئة و/أو فقدان قوة التثبيت.

الجر من أجل الاستجمام - طُرز الدفع الثنائي

لا تقم بالسحب المسطح لهذه السيارة. قد تتعرض مجموعة الدفع والحركة للتلف جراء ذلك.

مسموح بالجر من أجل الاستجمام (لطُرز الدفع الثنائي) فقط إذا كانت العجلات الخلفية مرفوعة عن الأرض. ويمكن إجراء هذا باستخدام دلية سحب أو مقطورة سيارة. وفي حالة استخدام دلية سحب، اتبع هذه الإجراءات:

1. ثبّت الدلية جيدًا بسيارة السحب، مع اتباع تعليمات الشركة المصنعة للدلية.

ملاحظة:

إذا كانت السيارة مزودة بنظام التعليق الهوائي Quadra-Lift، فتأكد من أن السيارة قد تم ضبطها على ارتفاع الركوب العادي.

2. ارفع العجلات الخلفية على دلية السحب.
3. استخدم فرامل التوقف الكهربية. قم بوضع ناقل الحركة في الوضع PARK (التوقف).
4. أدر مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).
5. ثبّت العجلات الخلفية جيدًا بالدلية، مع اتباع تعليمات الجهة المصنّعة للدلية.
6. أدر مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)، لكن لا تقم بتشغيل المحرك.
7. تأكد من فتح قفل عمود التوجيه.
8. ركب جهاز تثبيت مناسب، مصمم للسحب، لتثبيت العجلات الأمامية في الوضع المستقيم.
9. افصل كابل البطارية السالب واجعله بعيدًا عن قطب البطارية.

ملاحظة:

يؤدي فصل بطارية السيارة إلى مسح المحطات المضبوطة مسبقًا للراديو، وقد يؤثر على الإعدادات الأخرى في السيارة. كما يمكن أيضًا أن يؤدي إلى تشغيل العديد من رموز خطأ، مما يتسبب في إضاءة ضوء مؤشر العطل (MIL) عند إعادة توصيل البطارية.

تنبيه!
قد ينتج عن السحب في ظل وجود العجلات الخلفية على الأرض حدوث تلف شديد بناقل الحركة. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

الجر من أجل الاستجمام - طُرز الدفع الرباعي المزودة بميزة QUADRA-TRAC I (علبة النقل ذات السرعة الفردية)

لا يُسمح بالجر من أجل الاستجمام. لا تحتوي هذه الطرازات على وضع اللاتعشيق N في علبة النقل.

ملاحظة:

يمكن سحب هذه السيارة على شاحنة مسطحة أو مقطورة سيارات بشرط **رفع** العجلات الأربع عن الأرض.

تنبيه!
يمكن أن ينجم عن مخالفة المتطلبات السابقة لسحب هذه السيارة حدوث أضرار بالغة في ناقل الحركة و/أو علبة النقل. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

السحب من أجل الاستجمام - طُرز الدفع الرباعي المزودة بميزة QUADRA–TRAC II أو QUADRA-DRIVE II

يجب نقل علبة النقل إلى وضع اللاتعشيق (N)، ويجب أن يكون ناقل الحركة في وضع التوقف (P) للسحب من أجل الاستجمام. يوجد زر تحديد وضع اللاتعشيق (N) بجوار مفتاح المحدد.

التحكم في السرعة الثابتة -
إذا كانت السيارة مزودة بذلك

- لا تستخدمه على المرتفعات أو مع الأحمال الكبيرة.
- إذا حدثت انخفاضات في السرعة أكبر من 16 كم/ساعة (10 أميال/ساعة) عند استخدام التحكم في السرعة الثابتة، فافصله حتى تصل السيارة إلى سرعة التشغيل المناسبة.
- استخدم مفتاح التحكم في السرعة في الأراضي المسطحة مع وجود أحمال خفيفة لزيادة الاقتصاد في الوقود.

السحب من أجل الاستجمام (خلف عربة منزل متنقل)

سحب هذه السيارة خلف سيارة أخرى

ظروف السحب	العجلات مرفوعة عن الأرض	طُرز الدفع الثنائي	طُرز الدفع الرباعي بدون نطاق الدفع الرباعي المنخفض (4WD LOW)	طُرز الدفع الرباعي مع نطاق الدفع الرباعي المنخفض (4WD LOW)
السحب المسطح	لا يوجد	غير مسموح	غير مسموح	**راجع التعليمات** • ناقل الحركة في وضع PARK (التوقف) • علبة النقل في وضع N (اللاتعشيق) • السحب باتجاه أمامي • فصل كابل البطارية السالب
دلية السحب	الأمام	**غير مسموح**	**غير مسموح**	**غير مسموح**
	الخلف	OK (موافق)	**غير مسموح**	**غير مسموح**
على المقطورة	الكل	OK (موافق)	OK (موافق)	OK (موافق)

رقم السن	الميزة	لون السلك
6	مصابيح التوقف	أسود/أحمر
7	الوضع الخلفي الأيسر ومصابيح التحديد الجانبية وجهاز إضاءة لوحة الترخيص الخلفية. [ب]	أخضر/أسود
8	مصابيح الرجوع للخلف	أزرق/أحمر
9	مصدر طاقة دائم (+12 فولت)	أحمر
10	مصدر طاقة يتم التحكم فيه بواسطة مفتاح تشغيل (+12 فولت)	أصفر
11 [أ]	العودة لطرف الاتصال (السن) 10	أصفر/بني
12	احتياطي للتخصيص المستقبلي	–
13 [أ]	العودة لطرف الاتصال (السن) 9	أحمر/بني

ملاحظة:
تم تغيير سن التخصيص 12 من "شفرة المقطورة المقترنة" إلى "احتياطي للتخصيص المستقبلي".

[أ] لن تتصل دوائر العودة الثلاث كهربيًا في المقطورة.

[ب] يكون جهاز إضاءة لوحة ترخيص الوضع الخلفي متصلاً بحيث لا يتصل أي مصباح في الجهاز بكلا السنين 5 و7.

نصائح بشأن السحب

قبل الجر، قم بتجربة الانعطاف والتوقف والرجوع بالمقطورة إلى الخلف في منطقة بعيدة عن الازدحام المروري. إذا كانت السيارة مزوّدة بنظام التعليق الهوائي Quadra-Lift، يمكن تعطيل ميزة الدخول/الخروج الأوتوماتيكية من خلال الراديو المزوّد بشاشة لمس لنظام Uconnect لمنع حركة السيارة والمقطورة عند تحريك محدد التروس إلى وضع PARK (التوقف).

ناقل الحركة الأوتوماتيكي

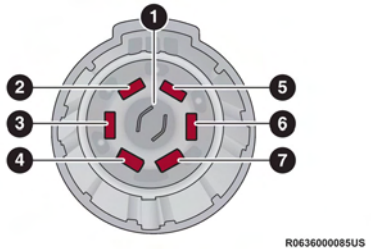
حدد نطاق القيادة (D) عند السحب. تتضمن مفاتيح تحكم ناقل الحركة استراتيجية دفع لتجنب النقل المتكرر أثناء السحب. ومع ذلك، إذا تكرر تبديل التروس في وضع DRIVE (القيادة)، يمكنك استخدام مفتاح التحكم في نقل الحركة الخاص بالاختيار الإلكتروني للنطاق (ERS) لتحديد ترس أقل يدويًا.

ملاحظة:

يؤدي اختيار ترس منخفض أثناء تشغيل السيارة في ظروف التحميل القاسية إلى تحسين الأداء وإطالة عمر ناقل الحركة وذلك بتقليل نقل التروس الزائد عن الحد والحيلولة دون ارتفاع درجة الحرارة. يؤدي هذا الإجراء أيضًا إلى توفير قدرة أفضل على استخدام فرملة المحرك.

ملاحظة:

- افصل موصل أسلاك المقطورة من السيارة (أو أي جهاز آخر مُتصل بالموصلات الكهربائية للسيارة) قبل إطلاق قارب في المياه.
- تأكد من إعادة التوصيل بمجرد الابتعاد عن منطقة المياه.



موصل ذو سبعة سنون

موصل ذو 13 سنًا - إذا كانت السيارة مزودة بذلك

1 — مصابيح الرجوع للخلف
2 — مصابيح السير
3 — توقف/انعطاف أيسر
4 — الأرضي
5 — البطارية
6 — توقف/انعطاف أيمن
7 — الفرامل الكهربية

رقم السن	الميزة	لون السلك
1	إشارة الانعطاف إلى اليسار	أبيض/أسود
2	ضوء الضباب الخلفي	أبيض
3 [أ]	الأرضي/العودة لأطراف الاتصال (السنون) 1 و2 ومن 4 إلى 8	بني
4	إشارة الانعطاف إلى اليمين	أسود/أخضر
5	الوضع الخلفي الأيمن ومصابيح التحديد الجانبية وجهاز إضاءة لوحة الترخيص الخلفية. [ب]	أخضر/أحمر

3. عند توصيل مقطورة مزودة بفرامل كهربية/ هيدروليكية كهربية (EOH)، ينبغي أن تظهر رسالة trailer connected (المقطورة متصلة) في شاشة عرض مجموعة أجهزة القياس (إذا لم يتم التعرف على التوصيل بواسطة وحدة فرامل المقطورة المدمجة (ITBM)، فلن تكون وظائف الفرامل متاحة)، وسيضيء إعداد GAIN (الكسب) ويجب تحديد نوع المقطورة الصحيح من خيارات شاشة عرض مجموعة أجهزة القياس.
4. اضغط على زر التمرير لأعلى أو لأسفل بعجلة القيادة حتى تظهر الرسالة "TRAILER TOW" (سحب المقطورة) على الشاشة.
5. اضغط على سهم لليمين بعجلة القيادة للدخول إلى "TRAILER TOW" (سحب المقطورة).
6. اضغط على زر التمرير UP (لأعلى) أو DOWN (لأسفل) حتى يظهر "Trailer Brake Type" (نوع فرامل المقطورة) على الشاشة.
7. اضغط على سهم لليمين، ثم اضغط على زر التمرير لأعلى أو لأسفل حتى يظهر نوع فرامل المقطورة الصحيح على الشاشة.
8. في مكان يخلو من حركة المرور، اسحب المقطورة على سطح جاف ومستو بسرعة تتراوح بين 30 و40 كم/ساعة (20 و25 ميلاً/ساعة) واضغط بالكامل على ذراع التحكم اليدوي في الفرامل.
9. إذا حدث انغلاق لحركة عجلات المقطورة (يُشار إليه بصدور صوت عالٍ عن الإطارات)، فقلل إعداد GAIN؛ وإذا تحركت عجلات المقطورة بحرية، فقم بزيادة إعداد GAIN.

كرر الخطوتين 8 و9 حتى يصل إعداد الكسب إلى نقطة أسفل النقطة التي تنغلق فيها عجلات المقطورة مباشرة. إذا كنت تقوم بسحب مقطورة ثقيلة، فقد لا يحدث انغلاق لحركة العجلات حتى إذا كان قد تم ضبط إعداد GAIN إلى الحد الأقصى وهو 10.

رسائل شاشة العرض

يتفاعل التحكم في فرامل المقطورة مع شاشة عرض مجموعة أجهزة القياس. سيتم عرض رسائل الشاشة مع صدور صافرة واحدة عند تحديد عطل في اتصال المقطورة أو التحكم في فرامل المقطورة أو في المقطورة ذاتها ⇦ صفحة ١٠٢.

تحذير!
وقد يؤدي توصيل مقطورة غير متوافقة مع نظام ITBM إلى إضعاف فرامل المقطورة أو فقدها بالكامل. وقد تزداد مسافة التوقف أو يتأثر استقرار المقطورة مما قد يؤدي إلى حدوث إصابات شخصية.

تنبيه!
وقد يؤدي توصيل مقطورة غير متوافقة مع نظام ITBM إلى إضعاف فرامل المقطورة أو فقدها بالكامل. وقد تزداد مسافة التوقف أو يتأثر استقرار المقطورة مما قد يؤدي إلى إتلاف السيارة أو المقطورة أو الممتلكات الأخرى.

ملاحظة:

- قد تتوفر وحدة تحكم في الأسواق لاستخدامها مع المقطورات المزودة بأنظمة فرامل مقطورة هوائية أو هيدروليكية كهربية (EOH). ولتحديد نوع الفرامل في المقطورة وإمكانية توفر وحدات التحكم، راجع الشركة المصنعة للمقطورة أو البائع.
- ستتسبب إزالة حدة فرامل المقطورة المدمجة (ITBM) في حدوث أخطاء وقد تؤدي إلى إتلاف النظام الكهربي والوحدات الإلكترونية بالسيارة. راجع الوكيل المعتمد لديك إذا تطلب الأمر تركيب وحدة من تلك التي تباع في الأسواق.

متطلبات السحب - مصابيح المقطورة والأسلاك

عند سحب أي مقطورة بغض النظر عن حجمها، يلزم تشغيل أضواء التوقف الخلفية وإشارات الانعطاف الموجودة في المقطورة لضمان السلامة على الطريق.

قد تتضمن مجموعة سحب المقطورة ضفيرة أسلاك. استخدم مجموعة أسلاك وموصل مقطورة معتمد من المصنع.

ملاحظة:

لا تقم بقص أي أسلاك في مجموعة أسلاك السيارة أو وصلها.

جميع التوصيلات الكهربية كاملة للسيارة ولكن يجب عليك مطابقة مجموعة الأسلاك بموصل المقطورة. راجع الإيضاحات التالية.

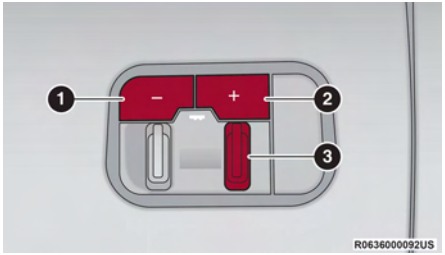
تنبيه!
إذا كان وزن المقطورة أكبر من 453 كجم (1000 رطل) بعد تحميلها، فيجب أن تكون مزودة بنظام فرامل خاص بها ذي قدرة كبح مناسبة. فإن عدم القيام بذلك يمكن أن يؤدي إلى تلف بطانة الفرامل بسرعة وازدياد الجهد المبذول للضغط على دواسة الفرامل ومسافات أطول لإيقاف السيارة.

وحدة فرامل المقطورة المدمجة (ITBM) — إذا كانت السيارة مزودة بذلك

قد تكون السيارة مزودة بوحدة فرامل المقطورة المدمجة (ITBM) لفرامل المقطورة الكهربائية والهيدروليكية الكهربائية (EOH). وتوجد وحدة التحكم تحت لوحة أجهزة القياس على الجانب الأيمن لعمود التوجيه.

ملاحظة:

تم تصميم هذه الوحدة والتحقق منها مع فرامل المقطورة الكهربية وأنظمة الفرامل الهيدروليكية الكهربائية (EOH). قد لا تتوافق بعض أنظمة الفرامل الهيدروليكية الكهربية (EOH) مع وحدة فرامل المقطورة المدمجة (ITBM).



وحدة فرامل المقطورة المدمجة (ITBM)

1 — زر ضبط الكسب
2 — زر ضبط الكسب
3 — ذراع التحكم اليدوي في الفرامل

تتكون واجهة المستخدم مما يلي:

ذراع التحكم اليدوي في الفرامل

حرك ذراع التحكم اليدوي في الفرامل إلى اليسار لتنشيط الطاقة المتجهة إلى فرامل المقطورة الكهربية بشكل مستقل عن فرامل سيارة السحب. وعند تنشيط ذراع التحكم اليدوي في الفرامل أثناء استخدام الفرامل، يحدد الإدخال الأعلى منهما مقدار الطاقة المرسلة إلى فرامل المقطورة.

ستضيء مصابيح فرامل المقطورة والسيارة عند استخدام فرامل السيارة أو فرامل المقطورة اليدوية.

ضوء مؤشر حالة فرامل المقطورة

يشير هذا الضوء إلى حالة التوصيل الكهربي للمقطورة.

وفي حال اكتشاف عدم وجود اتصال كهربي بعد إدارة قرص التشغيل إلى وضع التشغيل، فإن الضغط على زر ضبط الكسب أو تحريك ذراع التحكم اليدوي في الفرامل سيؤدي إلى عرض إعداد الكسب لمدة 10 ثوان وسيختفي ضوء مؤشر حالة فرامل المقطورة.

عند اكتشاف خطأ في أسلاك المقطورة أو وحدة فرامل المقطورة المدمجة (ITBM)، يومض ضوء مؤشر حالة فرامل المقطورة.

زرا ضبط التضخيم (GAIN) (+/-)

باستخدام هذين الزرين يمكن ضبط إخراج طاقة التحكم في الفرامل إلى فرامل المقطورة بزيادات قدرها 0.5. يمكن زيادة إعداد التضخيم GAIN إلى 10 كحد أقصى أو تقليله إلى 0 كحد أدنى (لا تعمل فرامل المقطورة).

التضخيم (GAIN)

يستخدم إعداد التضخيم (GAIN) في ضبط التحكم في فرامل المقطورة في ظروف سحب معينة ويجب تغيير ذلك الإعداد بتغير ظروف السحب. تتضمن هذه التغيرات حمل المقطورة وحمل السيارة وظروف الطريق والطقس.

ضبط التضخيم (GAIN)

ملاحظة:

ملاحظة: يجب تنفيذ ذلك فقط في مكان غير مزدحم مع القيادة بسرعة تتراوح بين 30 و40 كم/ساعة (20 و25 ميلاً/ساعة) تقريبًا.

1. تأكد من أن فرامل المقطورة بحالة جيدة وأنها تعمل بشكل سليم ومن سلامة ضبطها. راجع وكيل المقطورة إذا لزم الأمر.
2. اربط المقطورة وقم بإجراء التوصيلات الكهربائية وفقًا لتعليمات جهة تصنيع المقطورة.

تحذير!

- عند سحب حمولة أو سحب مقطورة، لا تقم بتحميل السيارة أو المقطورة بشكل زائد. فقد يؤدي التحميل الزائد إلى فقدان التحكم في السيارة أو انخفاض الأداء أو تلف الفرامل أو المحور أو المحرك أو ناقل الحركة أو عجلة القيادة أو التعليق أو هيكل الشاسيه أو الإطارات.
- ويجب دائمًا استخدام سلاسل الأمان بين السيارة والمقطورة. قم دائمًا بتوصيل السلاسل بمثبتات خطاف قضيب ربط السيارة. اربط السلاسل بشكل متداخل تحت لسان سحب المقطورة واسمح بارتخاء كاف لأركان الانعطاف.
- يجب عدم إيقاف السيارات المرتبطة بمقطورات على منحدر. عند إيقاف تلك السيارات، استعمل فرامل التوقف في سيارة السحب. ضع ناقل الحركة لسيارة السحب في وضع التوقف (P). في السيارات ذات الدفع الرباعي، تأكد من عدم وجود علبة النقل في وضع NEUTRAL (اللاتعشيق). قم دائمًا بوضع حواجز لعجلات المقطورة.
- يجب عدم تجاوز الوزن الإجمالي المشترك (GCWR) للسيارة.
- **يجب توزيع الوزن الإجمالي بين سيارة السحب والمقطورة بحيث لا يتم تجاوز المعدلات الأربعة التالية:**
  - معدل الوزن الإجمالي للسيارة (GVWR)
  - إجمالي وزن المقطورة

(تابع)

تحذير!

- معدل الوزن الإجمالي لمحور الدوران
- معدل وزن لسان السحب لقضيب ربط المقطورة المستخدم

متطلبات السحب - الإطارات

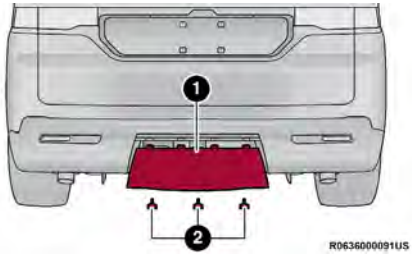
- لا تحاول سحب مقطورة عند استخدام إطار صغير احتياطي.
- لا تقد السيارة بسرعة تزيد عن 80 كم/الساعة (50 ميلاً في الساعة) عند السحب باستخدام الإطار الاحتياطي ذي الحجم الكامل.
- تعتبر مستويات ضغط الهواء المناسبة لإطاراتك مهمة جدًا لتوفير تشغيل سليم ومرض لسيارتك.
- تحقق أيضًا من إطارات المقطورة للتعرف على مستويات ضغط نفخ الإطارات قبل استخدام المقطورة.
- ابحث عن دلائل على تآكل الإطار أو وجود تلف مرئي به قبل سحب المقطورة.
- لن يعمل استبدال الإطارات بإطارات ذات قدرة حمل حمولات عالية على زيادة حدود معدل الوزن الإجمالي للسيارة أو معدل الوزن الإجمالي لمحور الدوران.
- لمزيد من المعلومات ⇦ صفحة ٣٦٨.

متطلبات السحب - فرامل المقطورة

- **لا** تقم بتوصيل نظام الفرامل الهيدروليكية للسيارة بنظام الفرامل الخاص بالمقطورة. فقد يتسبب ذلك في عمليات كبح غير ملائمة واحتمال حدوث إصابة شخصية.
- يلزم أداة تحكم في فرامل المقطورة تعمل أوتوماتيكيًا عند سحب مقطورة باستخدام الفرامل التي تعمل أوتوماتيكيًا. عند سحب مقطورة مزودة بنظام فرامل يعمل بالاندفاع الهيدروليكي، فلا يلزم استخدام أداة تحكم في الفرامل إلكترونية.
- يُنصح باستخدام فرامل المقطورة للمقطورات التي تزيد أوزانها عن 1000 رطل (453 كجم)، غير أنه يجب استخدامها للمقطورات التي تزيد أوزانها عن 2000 رطل (907 كجم).

تحذير!

- لا تقم بتوصيل فرامل المقطورة بأنابيب الفرامل الهيدروليكية لسيارتك. فقد يؤدي ذلك إلى زيادة الحمل على نظام الفرامل في سيارتك وتعرضه للخلل. وقد تفقد قابلية الكبح عند احتياجك إليها مما يمكن أن يسبب وقوع الحوادث.
- ويؤدي سحب أي مقطورة إلى زيادة المسافة اللازمة للتوقف. عند سحب مقطورة، يجب أن تسمح بمسافة إضافية بين سيارتك والسيارة التي أمامك. قد يؤدي عدم القيام بذلك إلى حدوث تصادم.



غطاء مستقبل قضيب الربط

1 — غطاء مستقبل قضيب الربط
2 — مثبتات القفل

لإعادة تركيب الغطاء بعد السحب كرر الإجراء بترتيب عكسي.

ملاحظة:

تأكد من تعشيق كل الألسنة وتثبيت غطاء مستقبل قضيب الربط بشكل كامل في الواجهة/المصد قبل تركيب المثبتات بمقدار ربع لفة.

وزن المقطورة ولسان السحب

لا تتجاوز أقصى وزن للسان الموجود على المصد أو قضيب ربط المقطورة.

تحذير!

قم دائمًا بتحميل المقطورة بحيث يقع 60% من الوزن في مقدمة المقطورة. وهذا يضع 10% من إجمالي وزن المقطورة (GTW) على قضيب سحب السيارة. قد تتسبب الحمولات المتزنة على العجلات أو الحمولات الأثقل الموجودة في المؤخرة في تأرجح المقطورة بشدة من جانب إلى آخر مما يتسبب في فقدان السيطرة على السيارة والمقطورة. يؤدي عدم تحميل المقطورات بالحمولات الأثقل في الأمام إلى وقوع حوادث تصادم عديدة للمقطورات.

يجب أخذ العناصر التالية بعين الاعتبار عند حساب الوزن الواقع على محور الدوران الخلفي:

- وزن اللسان للمقطورة.
- وزن أي نوع آخر من الشحنات أو المعدات الموضوعة في أو على السيارة.
- وزن السائق وجميع الركاب.

ملاحظة:

تذكر أن كل شيء يوضع داخل المقطورة أو عليها يضيف إلى الحمل الموضوع على السيارة. ويجب أيضا اعتبار المعدات الاختيارية التي تم تركيبها في المصنع أو المعدات الاختيارية التي قام الوكيل المعتمد بتركيبها جزءًا من إجمالي الحمل الموضوع على السيارة. ارجع إلى ملصق معلومات الإطار والتحميل للتعرف على أقصى وزن إجمالي للركاب والحمولة لسيارتك.

متطلبات السحب

يُنصح باتباع الإرشادات التالية لتليين مكونات مجموعة الدفع والحركة في سيارتك الجديدة بشكل صحيح.

تنبيه!

- لا تقم بسحب مقطورة في أول 805 كم (500 ميل) من قيادتك سيارتك الجديدة. يمكن أن يتلف المحرك أو المحور أو أجزاء أخرى.
- ثم، خلال أول 805 كم (500 ميل) من سحب المقطورة، لا تقم بالقيادة بسرعة أعلى من 80 كم/ساعة (50 ميلاً/ساعة) ولا تقم ببدء تشغيل السيارة مع فتح صمام الاختناق بشكل كامل. سيساعدك هذا على تليين المحرك والأجزاء الأخرى للسيارة عند استخدام الأحمال الثقيلة.

قم بإجراء عمليات الصيانة المذكورة في "كتيب الخدمة والضمان (السيرة الذاتية للسيارة)". راجع "كتيب الخدمة والضمان (السيرة الذاتية للسيارة)" لمعرفة فترات الصيانة الصحيحة. عند سحب مقطورة، لا تتجاوز مطلقًا معدل الوزن الإجمالي لمحور الدوران (GAWR) أو معدل الوزن الإجمالي المشترك (GCWR).

تحذير!

قد يؤدي السحب غير الصحيح إلى حدوث تصادم. اتبع هذه الإرشادات لجعل عملية سحب المقطورة آمنة قدر الإمكان:

- تأكد من إحكام تثبيت الحمل في المقطورة وأنه لن يتحرك أثناء القيادة. عند سحب حمولة لا يمكن إحكام تثبيتها بشكل كامل، قد تحدث حركة مستمرة في الحمل والتي قد يصعب على السائق التحكم فيها. فقد تفقد القدرة على التحكم في السيارة، وقد يحدث تصادم.

(تابع)

تعريفات تصنيف قضيب ربط المقطورة	
الفئة	**أقصى معايير لصناعة قضيب ربط المقطورة**
الفئة الأولى - الاستخدام الخفيف	907 كجم (2,000 رطلاً)
الفئة الثانية - الاستخدام متوسط الوزن	1,587 كجم (3,500 رطلاً)
الفئة الثالثة - الاستخدام مع الأوزان الكبيرة	2,722 كجم (6,000 رطلاً)
الفئة الرابعة - الاستخدام مع الأوزان الكبيرة للغاية	4,535 كجم (10,000 رطلاً)
راجع جدول "أوزان سحب المقطورة (معدلات أقصى وزن للمقطورة)" لأقصى وزن إجمالي للمقطورة (GTW) قابل للسحب من خلال مجموعة الدفع والحركة الخاصة بسيارتك.	
يجب تركيب جميع قضبان ربط المقطورات في السيارة بشكل صحيح.	

أوزان سحب المقطورة (مُعدلات أقصى وزن للمقطورة)

الطراز	الوزن الإجمالي للمجموعة (GCWR)	الحد الأقصى لإجمالي وزن المقطورة (GTW)	الحد الأقصى لإجمالي وزن المقطورة (TW)
Wagoneer/Grand Wagoneer	6,622 كجم (14,600 رطلاً)	3,492 كجم (7,700 رطلاً)	175 كجم (385 رطلاً)
عند سحب مقطورة، يمكن تجاوز وزن الحمولة المسموح به بصورة تقنية بحيث لا يزيد عن 10% أو 100 كجم (220 رطلاً)، أيهما أقل شريطة أن يقتصر على سرعة تشغيل قدرها 100 كم/ساعة (62 ميلاً/الساعة) أو أقل.			

إزالة غطاء مستقبل قضيب ربط المقطورة - إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزودة بغطاء مستقبل قضيب ربط المقطورة، حيث تجب إزالته للوصول إلى مستقبل قضيب سحب المقطورة. يوجد هذا الغطاء في الجزء السفلي الأوسط من الواجهة/المصد الخلفي.

1. أدر مثبتات القفل الثلاثة الموجودة في الجزء السفلي من غطاء مستقبل قضيب الربط بمقدار ربع لفة في عكس اتجاه حركة عقارب الساعة واسحب الجزء السفلي من غطاء مستقبل قضيب الربط نحو الخارج (باتجاهك).
2. اسحب الجزء السفلي من الغطاء للخارج (باتجاهك)، ثم اسحب للأسفل لفصل الألسنة الموجودة على الجزء العلوي من غطاء مستقبل قضيب الربط لإزالته.

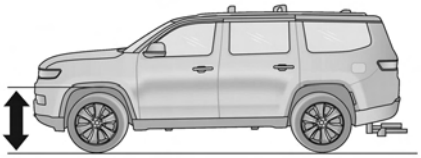
8. استخدم إعدادات الراديو المزود بشاشة لمس وقم بإيقاف تشغيل وضع الإطار/الرافعة. تأكد من عودة السيارة إلى ارتفاع القيادة العادي. قم بتنفيذ فحص مرئي للمقطورة وقضيب ربط توزيع الوزن للتأكد من استيفاء توصيات الجهة المُصنِّعة.
9. يمكن الآن قيادة السيارة.

مثال القياس	مثال الارتفاع (ملم)
H1	925
H2	946
H2-H1	21
(H2-H1)/2	10.5
(H2-H1)/2 + H1	935.5

ملاحظة:
بالنسبة إلى جميع ظروف السحب، نوصي بالسحب أثناء تشغيل وضع TOW/HAUL (الجر/السحب) (إذا كانت السيارة مزوّدة بذلك).

ضبط قضيب ربط التوزيع الموصى به — السيارات غير المزوّدة بنظام التعليق الهوائي

1. تحقق من أن السيارة في وضع ارتفاع القيادة العادي.
2. اضبط موضع السيارة على سطح مستو تحضيرًا للتوصيل بالمقطورة (لا تقم بتوصيل المقطورة).
3. قم بقياس الارتفاع من الجزء العلوي لفتحة العجلة الأمامية الموجودة على الرفرف إلى الأرض، وهذا هو الارتفاع H1.



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قياس الارتفاع (H)

4. اربط المقطورة المُحمّلة بالسيارة من دون توصيل قضبان توزيع الوزن.
5. تأكد من تثبيت المقطورة جيدًا بقضيب الربط، بما في ذلك سلاسل الأمان، والإضاءة، ومفاتيح التحكم في فرامل المقطورة.
6. قد السيارة والمقطورة بحذر بسرعة تتراوح ما بين 30 و40 كم/ساعة (20 و25 ميلاً/الساعة) لمسافة 5 كم (3 أميال) تقريبًا لإعادة ضبط استواء نظام التعليق.
7. أوقف السيارة والمقطورة على سطح مستو.
8. قم بقياس الارتفاع من الجزء العلوي لفتحة العجلة الأمامية الموجودة على الرفرف إلى الأرض، وهذا هو الارتفاع H2.
9. قم بتركيب قضبان توزيع الوزن واضبط مستوى شدها وفقًا لتوصيات الجهة المُصنِّعة بحيث يكون ارتفاع الرفرف الأمامي H1+2/(H2-H1) تقريبًا (حوالي 1/2 الفرق بين H2 وH1 فوق ارتفاع الركوب العادي [H1]).
10. قم بتنفيذ فحص مرئي للمقطورة وقضيب ربط توزيع الوزن للتأكد من استيفاء توصيات الجهة المُصنِّعة.
11. يمكن الآن قيادة السيارة.

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تصنيف قضيب ربط المقطورة

يوفر الجدول التالي معايير الصناعة الخاصة بأقصى وزن للمقطورة يمكن لفئة من فئات قضبان ربط المقطورات سحبه ويجب استخدامه للمساعدة في تحديد قضيب ربط المقطورة الصحيح المناسب لظروف السحب.

إذا كانت السيارة مزودة بذلك، فسوف تتعرف وحدة التحكم في تأرجح المقطورة (TSC) على وجود مقطورة متأرجحة وتقوم تلقائيًا باستخدام الفرامل على عجلات معينة و/أو تقل طاقة المحرك لمحاولة تقليل تأرجح المقطورة.

قضيب الربط الحامل

يدعم قضيب الربط الحامل وزن لسان سحب المقطورة، حيث يعمل كأنه أمتعة موجودة على كرة قضيب الربط أو نقطة ربط أخرى في السيارة. تستخدم أنواع قضبان الربط هذه لسحب المقطورات الكبيرة والمتوسطة الحجم.

قضيب ربط توزيع الحمل

يعمل نظام قضيب ربط توزيع الحمل عن طريق بذل قوة رفع عبر القضبان (الحمولة) الزنبركية. وتُستخدم هذه الأنظمة مع الأوزان الكبيرة لتوزيع وزن لسان سحب المقطورة على محور الدوران الأمامي لسيارة السحب ومحور (محاور) دوران المقطورة. وعند استخدام هذه الأنظمة وفقًا لتوجيهات الجهات المصنعة، فإنها توفر توجيهًا وتحكمًا بالفرامل أكثر استقرارًا وبالتالي تحسينًا في أمان عملية السحب. وتؤدي إضافة وحدة تحكم إلكترونية في التأرجح/الاحتكاك أيضًا إلى خفض التأرجح الناتج عن حركة المرور والرياح العكسية وتسهم بشكل إيجابي في سحب السيارة واستقرار المقطورة. يُنصح باستخدام وحدة التحكم في تأرجح المقطورة وقضيب ربط توزيع الوزن (موازنة الحمولة) مع أوزان اللسان (TW) الثقيلة، وقد يكون من اللازم استخدامهما استنادًا إلى تكوين السيارة والمقطورة/الحمولة وذلك للتوافق مع متطلبات معدل الوزن الإجمالي لمحور الدوران (GAWR).

تحذير!

- قد يقلل نظام Weight-Distributing Hitch (قضيب ربط توزيع الحمل) غير المضبوط بشكل صحيح من إمكانية التحكم في السيارة واستقرارها وأداء الفرامل وقد يتسبب في وقوع تصادم.
- قد لا تتوافق أنظمة قضيب ربط توزيع الوزن مع قارنات الفرامل المندفعة. راجع الجهة المصنعة لقضيب الربط والمقطورة أو وكيل سيارات ترفيهية ذي سمعة جيدة للحصول على معلومات إضافية.

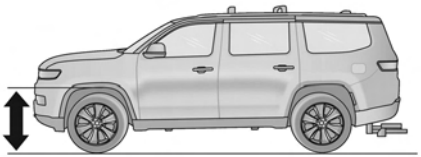
ضبط قضيب ربط التوزيع الموصى به — السيارات المزوّدة بنظام التعليق الهوائي QUADRA-LIFT

1. تحقق من أن السيارة في وضع ارتفاع القيادة العادي.

ملاحظة:

يجب أن تظل السيارة في وضع RUN (التشغيل) مع إغلاق كل الأبواب عند توصيل مقطورة للحصول على الضبط الصحيح لنظام التعليق الهوائي.

2. اضبط موضع السيارة على سطح مستو تحضيرًا للتوصيل بالمقطورة (لا تقم بتوصيل المقطورة).
3. بالنسبة إلى السيارات المزودة بنظام التعليق الهوائي Quadra-Lift، استخدم إعدادات الراديو المزود بشاشة لمس لتمكين وضع الإطار/الرافعة. سيتم إلغاء وضع الإطار/الرافعة، وتجب إعادة تشغيل الإجراء في حال قيادة السيارة بسرعات أعلى من 8 كم/ الساعة (5 أميال/ الساعة). عند السحب، يمكن تعطيل ميزة الدخول/الخروج الأوتوماتيكية من خلال الراديو المزوّد بشاشة لمس لنظام Uconnect لمنع حركة السيارة والمقطورة عند تحريك محدد التروس إلى وضع PARK (التوقف).
4. قم بقياس الارتفاع من الجزء العلوي لفتحة العجلة الأمامية الموجودة على الرفرف إلى الأرض، وهذا هو الارتفاع H1.



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قياس الارتفاع (H)

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7. قم بتركيب قضبان توزيع الوزن واضبط مستوى شدها وفقًا لتوصيات الجهة المُصنِّعة بحيث يكون ارتفاع الرفرف الأمامي H1+2/(H2-H1) تقريبًا (حوالي 1/2 الفرق بين H2 وH1 فوق ارتفاع الركوب العادي [H1]).

ملاحظة:

- قد يكون لتوزيع الحمل بشكل غير صحيح تأثيرًا سلبيًا على طريقة توجيه وقيادة سيارتك وطريقة تشغيل الفرامل.
- قد تحد السيارة المزوّدة بنظام التعليق الهوائي من ارتفاعات الطرق غير الممهدة إذا تم تحميلها بما يتجاوز القيم الموصى بها لمعدل الوزن الإجمالي للسيارة (GVWR) ومعدل الوزن الإجمالي لمحور الدوران (GAWR).

تحذير!
لا تقم بتحميل السيارة بحيث يزيد وزنها عن معدل الوزن الإجمالي للسيارة أو معدل الوزن الإجمالي لمحور الدوران الأمامي والخلفي. إذا قمت بذلك، قد تتعرض أجزاء في سيارتك للكسر أو يمكنها تغيير طريقة قيادة السيارة. وقد يتسبب ذلك في فقدان التحكم في السيارة. وقد يؤدي التحميل الزائد إلى تقليل عمر السيارة.

سحب المقطورة

ستجد في هذا القسم نصائح للسلامة ومعلومات عن القيود التي يجب مراعاتها بشأن أعمال السحب التي تستطيع القيام بها بسيارتك. قبل سحب المقطورة، راجع هذه المعلومات لسحب الحمل بأكبر قدر ممكن من الفاعلية والأمان.

للمحافظة على تغطية الضمان المحدود للسيارة الجديدة، اتبع المتطلبات والتوصيات الموضحة في هذا الدليل والمتعلقة بالسيارات المستخدمة في سحب المقطورة.

تعريفات السحب العامة

تساعدك التعريفات التالية الخاصة بسحب المقطورات في فهم المعلومات التالية:

معدل الوزن الإجمالي للسيارة (GVWR)

يعتبر معدل الوزن الإجمالي للسيارة هو أقصى وزن مسموح به للسيارة. ويتضمن ذلك وزن السائق والركاب والحمولة ووزن لسان السحب. يجب ألا تتجاوز الحمولة الكلية معدل الوزن الإجمالي للسيارة ⇦ صفحة ١٨٤.

إجمالي وزن المقطورة

إجمالي وزن المقطورة (GTW) هو وزن المقطورة بالإضافة إلى وزن الحمولة بالكامل والمواد القابلة للاستهلاك والمعدات (الدائمة أو المؤقتة) المحملة في أو على المقطورة في حالة "التحميل والاستعداد للتشغيل".

والطريقة الموصى بها لقياس إجمالي وزن المقطورة هي وضع المقطورة المحملة بشكل كامل على ميزان سيارات. ويجب أن يدعم الميزان وزن المقطورة بالكامل.

تحذير!
إذا كان الوزن الإجمالي للمقطورة هو 2267 كجم (5000 رطل) أو أكثر، فمن الموصى به استخدام قضيب لتوزيع الوزن لضمان استقرار السيارة. إذا استخدمت قضيب حمل وزن قياسي فقد تفقد التحكم بالسيارة وتتعرض لوقوع تصادم.

معدل الوزن الإجمالي المشترك (GCWR)

معدل الوزن الإجمالي المشترك (GCWR) هو إجمالي الوزن المسموح به لسيارتك والمقطورة عند وزنهما معًا.

معدل الوزن الإجمالي لمحور الدوران (GAWR)

معدل الوزن الإجمالي لمحور الدوران هو أقصى وزن مسموح به على محوري الدوران الأمامي والخلفي. ويجب توزيع الحمولة على المحورين الأمامي والخلفي بشكل متساو. تأكد من عدم تجاوز معدل الوزن الكلي لمحوري الدوران الأمامي أو الخلفي ⇦ صفحة ١٨٤.

تحذير!
من الأهمية بمكان عدم تجاوز الحد الأقصى لمعدل الوزن الإجمالي لمحور الدوران الأمامي أو الخلفي. فقد تنشأ ظروف قيادة خطيرة في حالة تجاوز أي من الوزنين المقدرين. فقد تفقد القدرة على التحكم في السيارة، وقد يحدث تصادم.

وزن لسان السحب

وزن لسان السحب (TW) هو القوة الضاغطة لأسفل على كرة قضيب الربط بواسطة المقطورة. يجب اعتبار هذه القوة جزءًا من حمولة السيارة.

المنطقة الأمامية بالمقطورة

المنطقة الأمامية هي أقصى ارتفاع في أقصى عرض لمقدمة المقطورة.

وحدة التحكم في تأرجح المقطورة (TSC)

يمكن أن تكون وحدة التحكم في تأرجح المقطورة (TSC) وصلة ميكانيكية متداخلة يمكن تركيبها بين لاقط وصلة الجر ولسان المقطورة، حيث توفر احتكاكًا قابلاً للضبط يرتبط بالحركة المتداخلة مهمته كبح أي حركات تأرجح غير مرغوب فيها للمقطورة أثناء السير.

تحذير!

- امتنع بتاتًا عن إشعال السجائر داخل أو قرب السيارة عندما يكون باب فتحة تعبئة خزان الوقود مفتوحًا أو أثناء تعبئة الخزان.
- لا تضف مطلقًا أي كمية من الوقود أثناء تشغيل المحرك. يعتبر هذا انتهاكًا لقوانين معظم الولايات والقوانين الاتحادية المتعلقة بالحرائق وقد يتسبب ذلك في إضاءة ضوء مؤشر العطل.
- قد يحدث حريق في حالة ضخ كمية من الوقود داخل حاوية متنقلة موجودة داخل السيارة. وقد تصاب بحروق. دائمًا ضع القنينة على الأرض عند تعبئتها.

تنبيه!

لتفادي انسكاب الوقود وغمر الخزان لا تواصل ضخ البنزين بعد امتلاء الخزان.

تحميل السيارة

معدل الوزن الإجمالي للسيارة (GVWR)

يعتبر معدل الوزن الإجمالي للسيارة هو أقصى وزن مسموح به للسيارة. ويتضمن ذلك وزن السائق والركاب والحمولة ووزن لسان السحب. ويجب ألا تتجاوز الحمولة الكلية معدل الوزن الإجمالي للسيارة.

الحمولة الصافية

يتم تعريف الحمولة الصافية للسيارة بأنها الوزن المسموح به الذي يمكن للسيارة حمله، بما في ذلك وزن السائق وجميع الركاب والمعدات الاختيارية والحمولة.

معدل الوزن الإجمالي لمحور الدوران (GAWR)

معدل الوزن الإجمالي لمحور الدوران (GAWR) هو أقصى حمل مسموح به على المحورين الأمامي والخلفي. ويجب توزيع الحمل في منطقة الحمولة حتى لا يتم تجاوز معدل الوزن الإجمالي لكل محور.

يتم تحديد معدل الوزن الإجمالي لكل محور بواسطة المكونات الموجود في نظام له أقل قدرة على حمل الحمولات (محور الدوران أو الزنبركات أو الإطارات أو العجلات). ولا تعمل مكونات محاور الدوران أو التعليق الثقيلة، التي يحددها المشترون أحيانًا لزيادة المتانة، بالضرورة على زيادة معدل الوزن الإجمالي للسيارة (GVWR) أو معدل الوزن الإجمالي لمحور الدوران (GAWR) للسيارة.

حجم الإطار

يمثل حجم الإطار على ملصق شهادة توثيق السيارة حجم الإطار الفعلي في سيارتك. يجب أن تكون قدرة حمل الحمولات للإطارات البديلة مساوية لقدرة حمل الحمولات الخاصة بهذا الحجم من الإطارات.

حجم العجلات

هذا هو حجم العجلات المناسب لحجم الإطار المذكور.

ضغط الهواء

هذا هو ضغط هواء الإطار البارد لسيارتك في جميع ظروف التحميل حتى معدل الوزن الإجمالي لمحور الدوران.

الوزن الفارغ

يتم تعريف الوزن الفارغ للسيارة بأنه الوزن الإجمالي للسيارة بالإضافة إلى جميع السوائل، بما في ذلك وقود السيارة في ظروف التشغيل بالقدرة الكاملة ومع عدم وجود ركاب أو حمولة محملة في السيارة. يتم تحديد قيم الوزن الفارغ الأمامي والخلفي بواسطة وزن السيارة على ميزان تجاري قبل إضافة أي ركاب أو حمولة.

التحميل

وأفضل طريقة لتحديد الوزن الإجمالي الفعلي ووزن مقدمة ومؤخرة السيارة على الأرض هي وزن السيارة وهي محملة وجاهزة للتشغيل.

يجب وزن السيارة بالكامل أولاً على ميزان تجاري لضمان عدم تجاوز معدل الوزن الإجمالي للسيارة. يجب بعد ذلك تحديد الوزن الواقع على مقدمة ومؤخرة السيارة بشكل منفصل للتأكد من توزيع الحمل بشكل صحيح على محوري الدوران الأمامي والخلفي. قد يتضح من وزن السيارة أنه قد تم تجاوز معدل الوزن الإجمالي لمحور الدوران الأمامي أو الخلفي ولكن الوزن الإجمالي لا يزال في حدود معدل الوزن الإجمالي المحدد للسيارة. إذا حدث ذلك، فيجب نقل الوزن من محور الدوران الأمامي إلى الخلفي أو العكس كما هو ملائم حتى يتم استيفاء حدود الوزن المحددة. قم بتخزين العناصر الثقيلة في الأسفل وتأكد من توزيع الوزن بشكل متساوي. قم بتخزين جميع المواد غير المربوطة بإحكام بشكل محكم قبل القيادة.

تنبيه!

- لتجنب إلحاق التلف بالسيارة، يجب استخدام نظام الرؤية المحيطة كأداة مساعدة في التوقف فقط. يتعذر على كاميرا الرؤية المحيطة عرض كل عائق أو جسم في مسار القيادة.
- لتجنب حدوث تلفيات بالسيارة، يجب قيادة السيارة ببطء عند استخدام نظام الرؤية المحيطة لتتمكن من إيقاف السيارة في الوقت المناسب بمجرد مشاهدة العائق. يوصى بأن ينظر السائق خلفه بشكل متكرر عند استخدام نظام الرؤية المحيطة.

عرض التكبير/التصغير

عند عرض صورة كاميرا الرؤية الخلفية، وعندما تكون سرعة السيارة أقل من 13 كم/الساعة (8 أميال في الساعة) في أي وضع لمحدد التروس، سيكون عرض التكبير/التصغير متاحًا.

بالضغط على رمز "العدسة المكبرة" في أعلى يسار شاشة العرض، سيتم تكبير الصورة بمقدار ضعفي العرض القياسي.

يؤدي الضغط على الرمز مرة ثانية إلى إعادة العرض إلى عرض كاميرا الرجوع للخلف القياسي.

عند تحديد عرض التكبير/ التصغير في أثناء وجود السيارة في وضع REVERSE (الرجوع للخلف)، ثم الانتقال إلى وضع DRIVE (القيادة)، فسيتغير عرض تأخير الكاميرا إلى عرض كاميرا الرجوع للخلف القياسي.

إذا تمت إعادة السيارة بعد ذلك ترس REVERSE (الرجوع للخلف) من وضع DRIVE (القيادة)، فسيتم استئناف تحديد عرض التكبير/التصغير تلقائيًا.

يؤدي الانتقال إلى وضع NEUTRAL (اللاتعشيق) من أي ترس إلى الحفاظ على العرض المحدد (تكبير أو قياسي) ما دامت سرعة السيارة أقل من 13 كم/ساعة (8 أميال في الساعة).

إذا كانت السيارة في وضع PARK (التوقف)، فسيكون عرض التكبير/التصغير متاحًا حتى يتم وضع محدد التروس في وضع DRIVE (القيادة) أو وضع REVERSE (الرجوع للخلف) وتكون السرعات عند 8 أميال في الساعة (13 كم/الساعة).

ملاحظة:

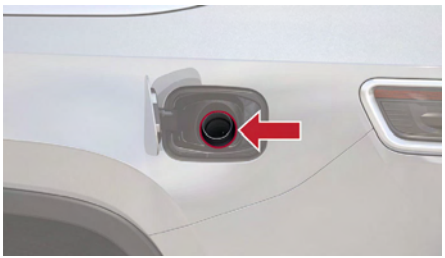
- إذا كانت السيارة في وضع القيادة (D) أو اللاتعشيق (N) أو الرجوع للخلف (R)، وكانت السرعة أكبر من 13 كم/ساعة (8 أميال/ساعة)، فلن يكون عرض التكبير/التصغير متاحًا وسيظهر الرمز باللون الرمادي.
- عند التواجد في عرض التكبير/التصغير، لن تكون الإرشادات ظاهرة.

تزويد السيارة بالوقود

1. افتح باب فتحة تعبئة الوقود بالضغط على الحافة الخارجية اليمنى من باب الوقود بالقرب من المنتصف لفتحه. ثم استخدم إصبعًا لإدارة الباب على وضع الفتح الكامل.
2. أدخِل فوهة أداة ملء الوقود في أنبوب التعبئة بالكامل – ستفتح الفوهة وتثبّت البابين القلابين أثناء إعادة التزوّد بالوقود.

ملاحظة:

تفتح الفوهة ذات الحجم الصحيح فقط المزاليج للسماح بفتح الباب اللوحي.



فتحة تعبئة الوقود

3. تزويد السيارة بالوقود - عندما يصدر عن فوهة فتحة الوقود صوت "طقطقة"، أو عند قفلها، فإن ذلك يشير إلى أن خزان الوقود ممتلئ.
4. انتظر 5 ثوان قبل إزالة فوهة فتحة الوقود للسماح بتصريف الوقود من الفوهة.
5. أزل فوهة فتحة الوقود وأغلق باب الوقود. قم بتعشيق مزلاج باب الوقود بالضغط على الحافة الخارجية بالقرب من المنتصف.

ملاحظة:

- سيتم عرض الإطارات الأمامية في الصورة عند إدارة العجلات.
- بسبب الكاميرات ذات الزاوية العريضة في المرايا، قد تظهر الصورة مشوهة.
- سيوضح المنظر العلوي الأبواب المفتوحة.
- ستلغي الأبواب الأمامية و/أو بوابة المؤخرة المفتوحة الصورة الخارجية.

منظر علوي بالإضافة إلى منظر خلفي

هذا هو المنظر الافتراضي للنظام في وضع REVERSE (الرجوع للخلف) ويتم إقرانه دائمًا بالمنظر العلوي للسيارة مع إرشادات اختيارية نشطة للمسار المتوقع عند تمكينها.

منظر مسار التقاطع الخلفي

سيمنح زر Rear Cross Path (مسار التقاطع الخلفي) السائق منظرًا بزاوية أعرض لنظام الكاميرا الخلفية. سيتم تعطيل المنظر العلوي عند تحديد ذلك.

منظر علوي بالإضافة إلى منظر أمامي

سيوضح لك المنظر الأمامي العناصر الموجودة أمام السيارة مباشرة، ويكون مقترنًا دائمًا بالمنظر العلوي للسيارة.

منظر مسار التقاطع الأمامي

سيمنح زر Front Cross Path (مسار التقاطع الأمامي) السائق منظرًا بزاوية أعرض لنظام الكاميرا الأمامية. سيتم تعطيل المنظر العلوي عند تحديد ذلك.

عرض كاميرا الرجوع للخلف

سيوفر زر Back Up Camera (كاميرا الرجوع إلى الخلف) عرض خلفي بملء الشاشة مع عرض التكبير/التصغير.

ملاحظة:

إذا تم تحديد عرض كاميرا الرؤية الخلفية من خلال قائمة كاميرا الرؤية المحيطة، فسيؤدي الخروج من شاشة العرض الخلفي إلى العودة إلى قائمة كاميرا الرؤية المحيطة. إذا تم تنشيط كاميرا الرجوع للخلف يدويًا من خلال قائمة Controls (مفاتيح التحكم) من نظام Uconnect، فسيؤدي الخروج من شاشة العرض إلى العودة إلى قائمة مفاتيح التحكم.

إلغاء التنشيط

يتم إلغاء تنشيط النظام في الظروف التالية:

- زيادة سرعة السيارة عن 13 كم/الساعة (8 أميال/الساعة).
- نقل السيارة إلى وضع PARK (التوقف).
- تشغيل السيارة على أي ترس آخر بخلاف REVERSE (الرجوع إلى الخلف) والضغط على الزر X في شاشة اللمس.
- يتم إيقاف تشغيل نظام تأخير الكاميرا يدويًا من خلال إعدادات نظام Uconnect ⇦ صفحة ٢٠٣.

غاسلات الكاميرات

عند تنشيط غاسلة النافذة الخلفية، يتم أيضًا غسل كاميرات الرجوع إلى الخلف الخلفية ومرآة الرؤية الخلفية الرقمية (إذا كانت السيارة مزودة بذلك) ⇦ صفحة ٦٧.

عند تنشيط غاسلة النافذة الأمامية، يتم أيضًا غسل الكاميرات الأمامية ⇦ صفحة ٦٦.

ملاحظة:

- إذا تراكم الثلج أو الطين أو أي مادة غريبة على عدسات الكاميرات، فنظف العدسات واشطفها بالماء وجففها بقطعة قماش ناعمة. لا تقم بتغطية العدسات.
- إذا حدث عطل بالنظام، فراجع الوكيل المعتمد.

تحذير!
يجب أن يتوخى السائقون الحرص عند الرجوع للخلف حتى عند استخدام نظام كاميرا الرؤية المحيطة. قم دائمًا بفحص منطقة خلف السيارة بحرص، وتأكد من عدم وجود مشاة أو حيوانات أو سيارات أخرى أو عوائق أو مناطق غير مرئية قبل الرجوع للخلف. إنك تتحمل المسؤولية فيما يتعلق بأمان المنطقة المحيطة بالسيارة ويجب عليك الاستمرار في الحرص أثناء الرجوع للخلف. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

- في ظروف الرؤية السيئة مثل الضباب الكثيف أو المطر أو الثلج أو ظروف الجو الأخرى
- في حال تعديل السيارة بقطع الغيار و/أو الملحقات المتوفرة في الأسواق

ملاحظة:

في حال وجود أي من هذه الحالات، لا يحتاج النظام إلى الصيانة.

نظام كاميرا الرؤية المحيطة — إذا كانت السيارة مزوّدة بذلك

قد تكون سيارتك مزوّدة بنظام كاميرا الرؤية المحيطة الذي يسمح لك برؤية صورة على الشاشة للبيئة المحيطة ومنظر علوي لسيارتك عند ضبط محدد التروس على وضع REVERSE (الرجوع للخلف) أو تحديد منظر مختلف من خلال أزرار شاشة اللمس. سيعرض المنظر العلوي للسيارة الأبواب المفتوحة. سيتم عرض الصورة على شاشة اللمس مع ملاحظة تحذيرية "Check Entire Surroundings" (تحقق من البيئة المحيطة بالسيارة) بطول الجزء العلوي من الشاشة. وبعد خمس ثوان تختفي هذه الملاحظة. يتكون نظام الرؤية المحيطة من أربع كاميرات متتالية موجودة في الشبكة الأمامية وباب المؤخرة الخلفي والمرآتين الجانبيتين.

ملاحظة:

يشتمل نظام كاميرا الرؤية المحيطة على إعدادات قابلة للبرمجة والتي يمكن اختيارها من خلال نظام Uconnect ⇦ صفحة ٢٠٣.

اضغط على هذا الزر في شاشة اللمس لدخول قائمة كاميرا الرؤية المحيطة في نظام Uconnect.

عند نقل السيارة إلى وضع REVERSE (الرجوع إلى الخلف)، يكون المنظر الخلفي أو المنظر العلوي هو المنظر الافتراضي للنظام.

عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) مع تشغيل تأخير الكاميرا، سيستمر عرض صورة الكاميرا لمدة تصل إلى 10 ثوان إلا إذا تجاوزت سرعة السيارة 13 كم/الساعة (8 أميال/الساعة) أو تم نقل ناقل الحركة إلى وضع PARK (التوقف) أو تم وضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل). يوجد زر X بشاشة اللمس لتعطيل عرض صورة الكاميرا.

عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) مع إيقاف تشغيل تأخير الكاميرا، يتم الخروج من وضع كاميرا الرؤية المحيطة وتظهر آخر شاشة معروفة مرة أخرى.

عند تمكين الخطوط الإرشادية النشطة، يتم عرضها فوق الصورة لتوضح عرض السيارة، وذلك يتضمن المرآتين الجانبيتين، ومسار الرجوع للخلف المعروض اعتمادًا على موضع عجلة القيادة.

توضح المناطق ذات الألوان المختلفة المسافة إلى مؤخرة السيارة.

يوضح الجدول التالي المسافات التقريبية لكل منطقة:

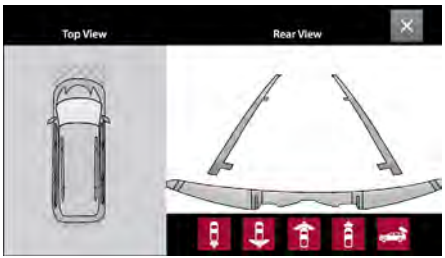
المنطقة	المسافة إلى مؤخرة السيارة
أحمر	0 - 30 سم (0 - 1 قدم)
أصفر	30 سم - 2 متر (1 - 6.5 أقدام)
أخضر	2 متر أو أكبر (6.5 أقدام أو أكبر)

أوضاع التشغيل

يتم تحديد التنشيط اليدوي لكاميرا الرؤية المحيطة بالضغط على زر Surround View Camera (كاميرا الرؤية المحيطة) الموجود في قائمة Controls (مفاتيح التحكم) في نظام Uconnect.

منظر علوي

سيتم عرض المنظر العلوي في نظام Uconnect مع منظر خلفي أو منظر أمامي في عرض شاشة منقسمة. توجد أقواس ParkSense مدمجة في الصورة في الجزء الأمامي والخلفي، وعلى جانبي السيارة، إذا كانت السيارة مزوّدة بذلك. سيتغير لون الأقواس من الأصفر إلى الأحمر بصورة مناظرة لمناطق المسافة إلى الجسم القادم.



عرض كاميرا الرؤية المحيطة

تتراوح مسافة اكتشاف النظام ما بين 8 أمتار (26 قدمًا) و100 متر (328 قدمًا) من مقدمة السيارة.

قد لا يتمكن النظام من اكتشاف المشاة أو الحيوانات في المواقف التالية:

- المشاة/الحيوانات خارج نطاق الاكتشاف
- تغطية المشاة/الحيوانات بالكامل أو جزئيًا
- المشاة/الحيوانات لا تصل إلى الحد الأدنى لطول الاكتشاف

ملاحظة:

قد يتم اكتشاف الأجسام الأخرى على الطريق التي تفي باشتراطات الارتفاع/الشكل/درجة الحرارة (عند التعرض للشمس مثلاً) للمشاة/الحيوانات وتصنيفها كأهداف.

تحذير!

- يمكن للرؤية الليلية اكتشاف المشاة والحيوانات الموجودة ضمن نطاق كاميرا الأشعة تحت الحمراء فقط.
- قد لا تكتشف الرؤية الليلية المشاة أو الحيوانات أو تسلط الضوء عليهم في الحالات التالية:
  - عندما لا يكون المشاة أو الحيوانات في وضع عمودي، على سبيل المثال إذا كانوا جالسين أو راقدين، أو إذا كان المشاة يركبون دراجة هوائية
  - عندما يظهر الشكل في شاشة العرض غير كامل، على سبيل المثال لأن المشاة أو الحيوانات خلف السيارة بشكل جزئي
  - عندما لا يوجد المشاة/الحيوانات أمامك مباشرة في منطقة التغطية

(تابع)

تحذير!

- عندما يكون المشاة/الحيوانات جزءًا من مجموعة
- عندما يرتدي المشاة أنواعًا معينة من الملابس
- عندما يتحرك المشاة/الحيوانات بسرعة كبيرة عبر مجال الرؤية
- عندما يكون المستشعر محجوبًا بسبب الأتربة أو المطر أو الثلج أو الجليد

صيانة نظام الرؤية الليلية

عند توافر ظروف الخدمة، قد تظهر رسائل الخطأ التالية في شاشة عرض مجموعة أجهزة القياس عند وضع السيارة في وضع ON (التشغيل).

إذا ظهرت الرسالة "Night Vision Unavailable Sensor Blocked" (الرؤية الليلية غير متاحة، تم حجب المستشعر) في شاشة عرض مجموعة أجهزة القياس، فتأكد من خلو الكاميرا من الجليد أو الثلج أو الوحل أو الأتربة أو أي بقايا أخرى. توجد الكاميرا في الواجهة العلوية/المصد داخل فتحة الشبكة في جانب السائق. قم بتنظيف الكاميرا باستخدام قطعة قماش ناعمة مبللة أو بالضغط على زر Clean Camera (تنظيف الكاميرا) في نظام Uconnect. إذا استمرت الرسالة في الظهور بعد إجراء دورة تشغيل، فراجع الوكيل المعتمد.

في حال ظهور الرسالة "Night Vision Temporarily Unavailable" (الرؤية الليلية غير متاحة مؤقتًا) أو "Night Vision Unavailable Service Required" (الرؤية الليلية غير متاحة، يلزم إجراء الصيانة) على شاشة عرض مجموعة أجهزة القياس بعد إدارة مفتاح التشغيل، تفضل بالرجوع إلى الوكيل المعتمد.

تجب محاذاة الكاميرا بشكل صحيح ليتسنى لها العمل بشكل صحيح. في حال كانت الكاميرا بحاجة إلى الضبط، راجع الوكيل المعتمد. لا تحاول ضبط الكاميرا بنفسك.

ملاحظة:

قد يتأثر انتظام الرؤية الليلية وأداؤها بالتعديلات التجارية. يجب استخدام قطع غيار ®Mopar للحصول على الأداء الأمثل لهذا النظام.

قيود نظام الرؤية الليلية

يمكن إلغاء تنشيط نظام الرؤية الليلية في الظروف التالية:

- يتم نقل السيارة إلى وضع REVERSE (الرجوع إلى الخلف)
- مفتاح التشغيل ليس موجودًا في وضع ON/ RUN (التشغيل/الانطلاق).
- تكون المصابيح الأمامية مطفأة وسرعة السيارة أكبر من 13 كم/الساعة (8 أميال/الساعة).

يتم منع تحذيرات شاشة الرؤية الليلية في ظل الظروف التالية:

- ساعات النهار
- درجات الحرارة التي تكون أعلى من 30 درجة مئوية (86 درجة فهرنهايت)

قد لا يعمل النظام بشكل كامل في الحالات التالية:

- على التلال المنحدرة
- على منحنيات الطريق الضيقة
- إذا كانت الكاميرا/المستشعر تالفة أو مسدودة بسبب الأوساخ أو الثلج أو الجليد أو أي بقايا أخرى

تحذيرات المستوى 1:

- المؤشر الأصفر في شاشة عرض مجموعة أجهزة القياس
- التمييزات ذات اللون الأصفر حول المشاة/الحيوانات التي تم اكتشافها
- يحدث عند تحرك السيارة بسرعات أعلى من 13 كم/ساعة (8 أميال/الساعة) والهدف داخل مسار السيارة أو يقترب منه

تحذيرات المستوى 2:

- المؤشر الأحمر في شاشة عرض مجموعة أجهزة القياس
- التمييزات ذات اللون الأحمر حول المشاة/الحيوانات التي تم اكتشافها
- يحدث عند تحرك السيارة بسرعات أعلى من 13 كم/ساعة (8 أميال/الساعة) والتصادم مع المشاة/الحيوانات التي تم اكتشافها ممكن
- يوجد المشاة/الحيوانات مباشرةً في مسار السيارة، بالقرب من منطقة المصباح الأمامي
- ستظهر رسالة فيديو منبثقة عند وجود هدف تم اكتشافه ولا تعرض شاشة عرض مجموعة أجهزة القياس صفحة الرؤية الليلية
- ينطلق صوت صافرة لحدث اكتشاف تحذير المستوى 2

يمكن عرض مؤشر واحد فقط في كل مرة بناءً على الأولوية.

ترتيب التحذيرات حسب الأولوية من الأعلى إلى الأدنى هو كما يلي:

1. المستوى 2 لتحذير المشاة
2. المستوى 2 لتحذير الحيوانات
3. المستوى 1 لتحذير المشاة
4. المستوى 1 لتحذير الحيوانات

قد تظهر تحذيرات المستوى 2 في شاشة العرض على الزجاج الأمامي (إذا كانت السيارة مزوّدة بذلك).

ملاحظة:

إذا توقفت السيارة أو انخفضت سرعتها، فإن جميع تحذيرات المستوى 2 تتحول إلى تحذيرات المستوى 1.

يمكنك تمكين التحذيرات أو تعطيلها داخل نظام Uconnect ⇦ صفحة ٢٠٣.

في حال إيقاف تشغيل التحذيرات، يتم إيقاف تشغيل المؤشرات والإشارات الصوتية ورسائل التحذير جميعًا. لا يزال بمقدور النظام اكتشاف المشاة والحيوانات، ولكن لن تكون هناك تحذيرات.

سيكون مؤشر حالة تنبيه الرؤية الليلية باللون الرمادي عند إيقاف تشغيل التحذيرات. سيتحول المؤشر أيضًا إلى اللون الرمادي للإشارة إلى إيقاف تشغيل التنبيهات بسبب عوامل بيئية (على سبيل المثال، ساعات النهار، درجة الحرارة الخارجية أكبر من 30 درجة مئوية (86 درجة فهرنهايت)) أو إذا كان محدد التروس في وضع REVERSE (الرجوع إلى الخلف). عندما تكون تنبيهات الرؤية الليلية نشطة، سيكون المؤشر باللون الأخضر ⇦ صفحة ١١٣.

غاسلات الكاميرات

عند تنشيط غاسلة النافذة الأمامية، يتم أيضًا غسل كاميرا الرؤية الليلية ⇦ صفحة ٦٦.

تحذير!

- لا تقم بهز عجلة القيادة استجابة لتحذير.
- لا تحاول مطلقًا تفادي الحيوانات بتغيير اتجاهك فجأة إذا كان ذلك سيعرّضك أو سيعرّض الآخرين للخطر.
- لا تحدّق في الصورة أثناء القيادة. فقد تتعرض لحادث تصادم وقد تتعرض أنت أو الآخرون للإصابة.
- يوفر نظام الرؤية الليلية تنبيهات للأشياء المهمة فقط ولا يمكن أن يكون بديلًا للتقدير الشخصي للسائق. تهدف التحذيرات إلى توجيه انتباهك إلى الأجسام التي يتم اكتشافها، ولكن نظام الرؤية الليلية لا يشغّل فرامل السيارة أوتوماتيكيًا وقد لا يوفر لك التحذير قبل وقت كافٍ للمساعدة على تفادي الحوادث.
- يتم توفير التحذيرات فقط في حال اكتشاف النظام لأحد المشاة أو الحيوانات الكبيرة.
- إن مسؤولية السائق دائمًا هي الانتباه للطريق وحركة المرور وأحوال الطقس وسرعة السيارة والمسافة بينه وبين السيارة التي أمامه والأهم من ذلك استعمال الفرامل لضمان التشغيل الآمن للسيارة في ظل جميع ظروف الطريق. يعتبر انتباهك الكامل مطلوب دائمًا أثناء القيادة للتحكم في السيارة بشكل آمن.

نطاق الاكتشاف

يستطيع النظام اكتشاف الأشخاص الذين يبلغ طولهم 1.25 م (4 أقدام) أو أكثر في الوضع المستقيم. كما يمكن للنظام اكتشاف الحيوانات ذات الأربع والتي يبلغ طولها 1 متر (3 أقدام) أو أكثر في الوضع المستقيم.

لتغيير المقعد المعروض في طريقة العرض المكبّرة، اضغط على موقع مقعد آخر في الجانب الأيسر من شاشة العرض. ستعرض طريقة العرض المكبّرة بعد ذلك موقع المقعد الجديد. بشكل افتراضي، سيتم عرض مقعد جانب السائق في الصف الثاني في طريقة العرض المكبّرة.

تظهر شاشة العرض بالألوان في ظروف الإضاءة الجيدة وتظهر باللون الأسود والأبيض في ظروف الإضاءة المنخفضة.

إذا بدّل السائق إلى وضع REVERSE (الرجوع إلى الخلف) أو ضغط على علامة "X" في شاشة اللمس، فسيتم إغلاق طريقة العرض. وإلا، فستظل طريقة عرض كاميرا FamCam على الشاشة.

ملاحظة:

عند إيقاف تشغيل كاميرا FamCam، سيتم الاحتفاظ بالمقعد المحدد في طريقة العرض المكبّرة على الجانب الأيمن من شاشة العرض. في المرة التالية التي يتم فيها تنشيط الميزة، سيتم عرض المقعد نفسه في طريقة العرض المكبّرة.

نظام كاميرا الرؤية الليلية — إذا كانت السيارة مزوّدة بذلك

قد تكون سيارتك مزودة بنظام كاميرا الرؤية الليلية الذي يستخدم كاميرا تعمل بالأشعة تحت الحمراء لعرض المنطقة التي تكون أمام السيارة، أي خلف المصابيح الأمامية، لاكتشاف الأشخاص والحيوانات الكبيرة عندما يكون المحيط مظلمًا في الخارج.

يكتشف النظام المشاة أو الحيوانات الكبيرة عن طريق قياس فرق درجة الحرارة بين الجسم والمنطقة المحيطة.

يمكن عرض الأجسام الحرارية التي تكتشفها الكاميرا في شاشة عرض مجموعة أجهزة القياس. قم بالتمرير إلى صفحة الرؤية الليلية في قائمة شاشة عرض مجموعة أجهزة القياس ⇦ صفحة ١٠٧ to لعرض شاشة الرؤية الليلية.

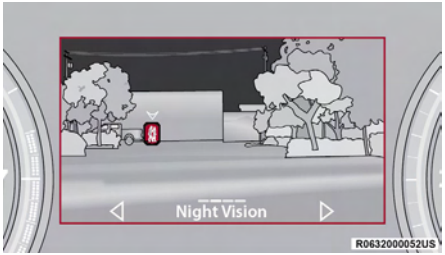
تظهر الأجسام الدافئة (مثل الحيوانات) أفتح على شاشة العرض بينما تظهر الأجسام الباردة (مثل إشارات المرور) بلون أغمق.

ملاحظة:

- لا تعرض الرؤية الليلية إلا الأجسام محل الاهتمام التي تكون أكثر دفئًا أو برودةً من المناطق المحيطة.
- اضبط سطوع مفتاح التحكم في تعتيم الأضواء في مجموعة أجهزة القياس لجعل الصورة تبدو أكثر سطوعًا أو أكثر إعتامًا.

للخروج من شاشة الرؤية الليلية، حدد قائمة مختلفة في شاشة عرض مجموعة أجهزة القياس.

سيظهر إطار ومربع باللون الأصفر أو الأحمر حول الأجسام محل الاهتمام. يمكن تمييز أكثر من جسم محل اهتمام واحد.



تمييز محيط الأجسام محل الاهتمام

سيتم تحديث تمييز الجسم (الأجسام) محل الاهتمام في الوقت الحقيقي استنادًا إلى تقييم الرؤية الليلية الحالي.

يمكن إلغاء تنشيط شاشة عرض نظام الرؤية الليلية في ظل ظروف معينة. انظر ⇦ صفحة ١٨٠ لمزيدٍ من المعلومات.

هناك فئتان لتحذيرات الرؤية الليلية هما Pedestrian Warnings (تحذيرات المشاة) وAnimal Warnings (تحذيرات الحيوانات).

مؤشر تحذير المشاة

مؤشر تحذير الحيوانات

يعتبر تحذير المشاة أو الحيوانات إما من المستوى 1 أو المستوى 2. تكون تحذيرات المستوى 1 صفراء اللون بينما تكون تحذيرات المستوى 2 حمراء اللون. وتكون الألوان غير قابلة للتكوين.

غاسلة الكاميرا الخلفية

عند تنشيط غاسلة النافذة الخلفية عن طريق دفع ذراع ماسحة/غاسلة الزجاج الأمامي إلى الأمام، يتم أيضًا غسل كاميرا الرجوع إلى الخلف الخلفية ومرآة الرؤية الخلفية الرقمية (إذا كانت السيارة مزودة بذلك). لمزيد من المعلومات، فضلًا انظر ⇦ صفحة ٦٧.

عرض التكبير/التصغير

عند عرض صورة كاميرا الرؤية الخلفية، وعندما تكون سرعة السيارة أقل من 13 كم/ساعة (8 أميال/ساعة) في أي وضع لمحدد التروس، يكون عرض التكبير/التصغير متاحًا. بالضغط على رمز "العدسة المكبرة" في أعلى يسار شاشة العرض، سيتم تكبير الصورة بمقدار أربعة أضعاف العرض القياسي. يؤدي الضغط على الرمز مرة ثانية إلى إعادة العرض إلى عرض كاميرا الرجوع للخلف القياسي.

عند تحديد عرض التكبير/ التصغير في أثناء وجود السيارة في وضع REVERSE (الرجوع للخلف)، ثم الانتقال إلى وضع DRIVE (القيادة)، فسيتغير عرض تأخير الكاميرا إلى عرض كاميرا الرجوع للخلف القياسي. إذا تمت إعادة السيارة بعد ذلك ترس REVERSE (الرجوع للخلف) من وضع DRIVE (القيادة)، فسيتم استئناف تحديد عرض التكبير/التصغير تلقائيًا.

الانتقال إلى وضع NEUTRAL (اللاتعشيق) من أي ترس سيؤدي إلى الحفاظ على العرض المحدد (تكبير أو قياسي) ما دامت سرعة السيارة أقل من 13 كم/ساعة (8 أميال/الساعة).

إذا كانت السيارة في وضع PARK (التوقف)، فسيكون عرض التكبير/التصغير متاحًا حتى يتم وضع محدد التروس في وضع DRIVE (القيادة) أو وضع REVERSE (الرجوع للخلف) وتكون السرعات عند 8 أميال في الساعة (13 كم/الساعة).

ملاحظة:

- إذا كانت السيارة في وضع القيادة (D) أو اللاتعشيق (N) أو الرجوع للخلف (R)، وكانت السرعة أكبر من 13 كم/ساعة (8 أميال/ساعة)، فلن يكون عرض التكبير/التصغير متاحًا وسيظهر الرمز باللون الرمادي.
- عند التواجد في عرض التكبير/التصغير، لن تكون الإرشادات ظاهرة.

العرض بسرعة

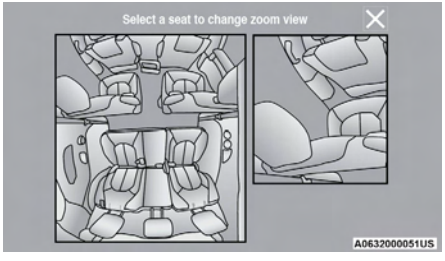
عندما تكون السيارة في وضع PARK (التوقف) أو NEUTRAL (اللاتعشيق) أو DRIVE (القيادة)، يمكن تنشيط كاميرا الرؤية الخلفية باستخدام زر Back Up Camera (كاميرا الرجوع للخلف) في قائمة Controls (مفاتيح التحكم). وتتيح هذه الميزة للعميل مراقبة المنطقة خلف السيارة مباشرة (أو المقطورة، إذا كانت السيارة مزوّدة بذلك) لمدة تصل إلى 10 ثوان أثناء القيادة. إذا ظلت سرعة السيارة أقل من 13 كم/ساعة (8 أميال/الساعة)، فسيتم عرض صورة كاميرا الرؤية الخلفية بشكل مستمر حتى يتم إلغاء تنشيطها عبر الزر X في شاشة اللمس.

نظام FAMCAM — إذا كانت السيارة مزوّدة به

يتكون نظام FamCam من كاميرا مراقبة داخلية مثبتة على البطانة العلوية تسمح للسائق بعرض الحمولة/الركاب في الجزء الداخلي الخلفي من السيارة من خلال شاشة نظام Uconnect.

لتنشيط الميزة، اضغط على زر "FamCam" في علامة التبويب Controls (مفاتيح التحكم) في قائمة Vehicle (السيارة). يمكن أيضًا الوصول إلى ميزة FamCam من درج التطبيقات أو شريط الحالة في أعلى شاشة عرض نظام Uconnect.

ستعرض شاشة العرض طريقة العرض بالكامل داخل السيارة على الجانب الأيسر من الشاشة، وستعرض طريقة عرض مكبّرة للمقعد المحدد على الجانب الأيمن من الشاشة.



مثال على شاشة عرض FamCam (سيارة سعة 7 ركاب معروضة)

4

كاميرا الرجوع للخلف PARKVIEW

سيارتك مزوّدة بكاميرا الرجوع للخلف ParkView التي تسمح لك برؤية صورة على الشاشة للأجزاء الخلفية للسيارة عند وضع محدد التروس في وضع REVERSE (الرجوع للخلف). سيتم عرض الصورة على شاشة عرض نظام الملاحة/ الراديو متعدد الوسائط مع ملاحظة تحذيرية "Check Entire Surroundings" (تحقق من كل ما يحيط بالسيارة) بطول الجزء العلوي من الشاشة. وبعد خمس ثوان تختفي هذه الملاحظة. توجد كاميرا الرجوع الخلفية ParkView على الجزء الخلفي للسيارة فوق لوحة الأرقام الخلفية.

عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) مع إيقاف تشغيل تأخير الكاميرا، يتم الخروج من وضع الكاميرا الخلفية وتظهر الشاشة السابقة.

التنشيط اليدوي لكاميرا الرجوع للخلف

1. اضغط على زر Vehicle (السيارة) الموجود أسفل شاشة عرض نظام Uconnect، ثم حدد قائمة Controls (مفاتيح التحكم).
2. اضغط على رمز Back Up Camera (كاميرا الرجوع للخلف) لتشغيل نظام كاميرا الرؤية الخلفية.

ملاحظة:

- يمكن أيضًا تشغيل كاميرا الرؤية الخلفية يدويًا من خلال قائمة Apps (التطبيقات) داخل نظام Uconnect.
- تحتوي كاميرا الرجوع للخلف ParkView على أوضاع تشغيل قابلة للبرمجة قد يتم تحديدها من خلال نظام Uconnect ⇦ صفحة ٢٠٣.

عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) مع إيقاف تشغيل تأخير الكاميرا، يتم الخروج من وضع الكاميرا الخلفية وتظهر الشاشة السابقة. عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) مع تشغيل تأخير الكاميرا، سيستمر عرض صورة الكاميرا لمدة تصل إلى 10 ثوان إلا إذا حدثت الظروف التالية: تجاوزت سرعة السيارة 13 كم/ساعة (8 أميال/الساعة) أو تم نقل ناقل الحركة في السيارة إلى وضع PARK (التوقف)، أو تمت إدارة مفتاح التشغيل في السيارة إلى وضع OFF (إيقاف التشغيل) أو تم الضغط على الزر X في شاشة اللمس لتعطيل عرض كاميرا الرؤية الخلفية.

عند تمكينها، تتراكب خطوط التوجيه النشطة على الصورة لتوضح عرض السيارة ومسار الرجوع للخلف المتوقع اعتمادًا على موضع عجلة القيادة. يشير تراكب الخط الأوسط المتقطع إلى مركز السيارة للمساعدة باستخدام التوقف أو المحاذاة مع مستقبل المقطورة. توضح المناطق ذات الألوان المختلفة المسافة إلى مؤخرة السيارة.

يوضح الجدول التالي المسافات التقريبية لكل منطقة:

المنطقة	المسافة إلى مؤخرة السيارة
أحمر	0 - 30 سم (0 - 1 قدم)
أصفر	30 سم - 2 متر (1 - 6.5 أقدام)
أخضر	2 متر أو أكبر (6.5 أقدام أو أكبر)

تحذير!

يجب أن يتوخ سائقو السيارات الحرص عند الرجوع للخلف حتى عند استخدام نظام كاميرا الرجوع الخلفية ParkView. قم دائمًا بفحص منطقة خلف السيارة بحرص، وتأكد من عدم وجود مشاة أو حيوانات أو سيارات أخرى أو عوائق أو مناطق غير مرئية قبل الرجوع للخلف. إنك تتحمل المسؤولية فيما يتعلق بأمان المنطقة المحيطة بالسيارة ويجب عليك الاستمرار في الحرص أثناء الرجوع للخلف. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

تنبيه!

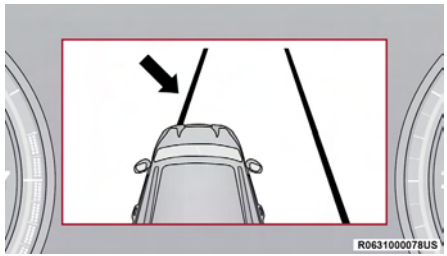
- لتجنب إلحاق التلف بالسيارة، يجب استخدام نظام ParkView فقط كأداة مساعدة في التوقف. لا تستطيع كاميرا ParkView عرض كل عائق أو جسم في مسار القيادة.
- لتجنب حدوث تلفيات بالسيارة، يجب قيادة السيارة ببطء عند استخدام نظام ParkView ليمكنك إيقاف السيارة بمجرد مشاهدة العائق. يوصى بأن ينظر السائق خلفه بشكل متكرر عند استخدام نظام ParkView.

ملاحظة:

إذا تراكم الثلج أو الطين أو أي مادة غريبة على عدسة الكاميرا، نظف العدسة واشطفها بالماء وجففها بقطعة قماش ناعمة. لا تقم بتغطية العدسة.

- عندما يستشعر النظام اجتياز خط الحارة، يتغير خط الحارة الأيسر من اللون الأصفر الثابت إلى الأصفر الوامض. في هذا الوقت، يتم تطبيق الاهتزاز على عجلة القيادة.

على سبيل المثال: عند الاقتراب من الجانب الأيسر من الحارة، سوف تدور عجلة القيادة إلى اليمين.



اجتياز الحارة (الخط الأصفر الوامض)

ملاحظة:

- يعمل نظام Active Lane Management (إدارة الحارة النشطة) بسلوك مماثل لمغادرة الحارة اليمنى.
- إذا تم تنشيط إشارة الانعطاف، وبدأت السيارة في مغادرة الحارة في وقت اكتشاف نظام مراقبة النقاط الخفية (BSM) لسيارة أخرى في مناطق مراقبة النقاط الخفية (BSM) نفسه، فسوف يوفر النظام اهتزازًا ملموسًا بعجلة القيادة و/أو عزم مساعد التوجيه (إذا تمت برمجته في إعدادات نظام Uconnect).

تغيير حالة إدارة الحارة النشطة

تتوفر الإعدادات القابلة للتكوين لنظام Active Lane Management (إدارة الحارة النشطة) في نظام Uconnect ⇦ صفحة ٢٠٣.

أنواع التحذيرات القابلة للتحديد:

- Vibration Only (الاهتزاز فقط)
- Steering Assist Only (مساعدة التوجيه فقط)
- Vibration And Steering Assist (الاهتزاز ومساعد التوجيه)

الإعدادات الأخرى القابلة للتكوين لهذا النظام مخصصة لشدة الاهتزاز (عالٍ/متوسط/منخفض)، وقوة مساعدة التوجيه (عالٍ/متوسط/منخفض)، وحساسية منطقة التحذير (مبكر/متوسط/متأخر).

ملاحظة:

- لن يستعمل النظام الاهتزاز و/أو مساعد التوجيه على عجلة القيادة عند تشغيل أي نظام من أنظمة السلامة (الفرامل المانعة للانغلاق، نظام التحكم في الجر، نظام التحكم في الاستقرار الإلكتروني، التحذير بشأن التصادم الأمامي، إلخ).
- سيتم تشغيل نظام مراقبة النقاط الخفية عند تمكين نظام إدارة الحارة النشطة (ALM).
- سيتم إيقاف نظام إدارة الحارة النشطة (ALM) عند تشغيل نظام مساعد القيادة النشط (إذا كانت السيارة مزودة بذلك).

نظام المساعدة في اكتشاف النقاط الخفية الذي يتم تنشيطه بإشارة الانعطاف — إذا كانت السيارة مزوّدة بذلك

عند تمكينها من نظام Uconnect وتنشيط إشارة انعطاف، سيتم عرض كاميرا مرآة الرؤية الجانبية المقابلة في الراديو. تستمر الكاميرا في العرض ما دامت إشارة الانعطاف قيد التشغيل. في حالة اختيار "Only With Trailer" (مع المقطورة فقط) (إذا كانت السيارة مزوّدة بذلك)، لن تعرض الكاميرا إلا عند توصيل مقطورة بالسيارة ⇦ صفحة ٢٠٣.

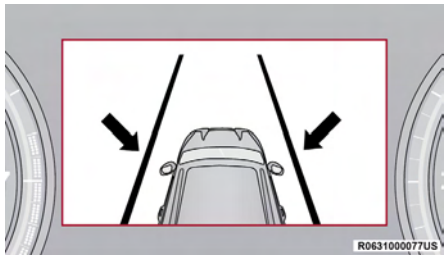
تحذير!

نظام المساعدة في اكتشاف النقاط الخفية هو أداة مساعدة فقط للمساعدة في اكتشاف الأشياء الموجودة في مناطق النقاط الخفية وقد لا يوفر تنبيهات عند تغيير الحارات في كل ظروف القيادة. حتى في حالة تزويد سيارتك بنظام المساعدة في اكتشاف النقاط الخفية (BSA)، احرص دائمًا على التحقق من مرايا السيارة والنظر من فوق الكتف واستخدام إشارات الانعطاف قبل تغيير الحارات. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

رسالة تحذير نظام ACTIVE LANE MANAGEMENT (إدارة الحارة النشطة)

يشير نظام Active Lane Management (إدارة الحارة النشطة) إلى حالة الانحراف عن الحارة الحالية من خلال شاشة عرض مجموعة أجهزة القياس.

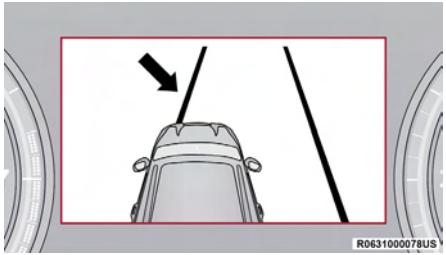
عند تشغيل النظام، تظهر خطوط الحارة باللون الرمادي عند عدم اكتشاف كلا حدي الحارة.



تشغيل النظام (الخطوط الرمادية)

مغادرة الحارة اليسرى — اكتشاف الحارة اليسرى فقط

- عند تشغيل النظام واكتشاف علامة الحارة اليسرى فقط واستعداد النظام لتوفير تحذيرات مرئية على شاشة عرض مجموعة أجهزة القياس وتحذير مساعد الاهتزاز و/أو القيادة في عجلة القيادة في حال مغادرة الحارة، يظهر خط الحارة الأيسر باللون الأخضر.
- عند استشعار النظام الاقتراب من خط الحارة (لكن مع عدم تجاوزه)، يتغير خط الحارة الأيسر إلى اللون الأصفر الثابت ويوفر النظام عزم مساعد التوجيه (في حالة برمجته في إعدادات نظام Uconnect).
- عند استشعار النظام تجاوز خط الحارة، سيتغير خط الحارة الأيسر إلى اللون الأصفر الوامض ويوفر النظام اهتزازًا ملموسًا بعجلة القيادة (في حالة برمجته في إعدادات نظام Uconnect).



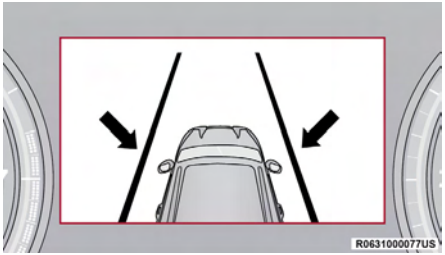
اجتياز الحارة (الخط الأصفر الوامض)

ملاحظة:

يعمل نظام Active Lane Management (إدارة الحارة النشطة) بسلوك مماثل لمغادرة الحارة اليمنى عند اكتشاف علامة الحارة اليمنى فقط.

مغادرة الحارة اليسرى — اكتشاف كلتا الحارتين

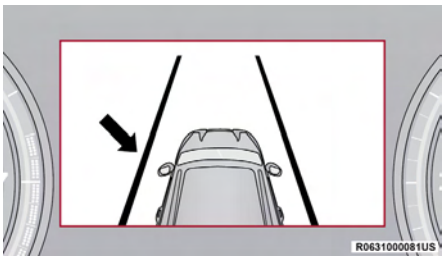
- عند تشغيل النظام، تتحول خطوط الحارة من اللون الرمادي إلى الأخضر للإشارة إلى اكتشاف كلتا علامتي الحارة. عند اكتشاف كلتا علامتي الحارة، واستعداد النظام لتوفير تحذيرات مرئية في شاشة عرض مجموعة أجهزة القياس وتحذير الاهتزاز و/أو مساعد التوجيه في عجلة القيادة إذا حدثت مغادرة للحارة.



استشعار الحارات (الخطوط الخضراء)

- عند استشعار النظام حالة انحراف عن الحارة، يتحول خط الحارة الأيسر إلى اللون الأصفر الثابت. في هذا الوقت، يتم استعمال تحذير مساعد التوجيه على عجلة القيادة في الاتجاه المعاكس لحدود الحارة.

على سبيل المثال: عند الاقتراب من الجانب الأيسر من الحارة، سوف تدور عجلة القيادة إلى اليمين.



الانحراف عن الحارة (الخط الأصفر الثابت)

نظام إدارة الحارة النشطة — إذا كانت السيارة مزودة بذلك

تشغيل نظام ACTIVE LANE MANAGEMENT (إدارة الحارة النشطة)

يستخدم نظام Active Lane Management (إدارة الحارة النشطة) كاميرا متجهة للأمام لاكتشاف علامات الحارة أو حواف الطريق ولقياس وضع السيارة ضمن حدود الحارة. كما يستخدم أيضًا مستشعرات نظام مراقبة النقاط الخفية (BSM) لاكتشاف السيارات في الحارات المجاورة في أثناء استعداد السائق لتغيير الحارات.

يتم تشغيل النظام على سرعات أعلى من 60 كم/ساعة (37 ميلاً/الساعة) وأقل من 180 كم/ساعة (112 ميلاً/الساعة).

عند اكتشاف كلتا علامتي الحارة، واقتراب السيارة من علامة الحارة (أو عبورها) مع عدم استعمال أي إشارة انعطاف وعدم انشغال منطقة النقاط الخفية، يوفر نظام إدارة الحارة النشطة (ALM) تحذيرات لمطالبة السائق بالبقاء ضمن حدود الحارة. تتضمن هذه التحذيرات تحذيرًا مرئيًا في مجموعة أجهزة القياس بالإضافة إلى عزم مساعد التوجيه (إذا تم تكوينه من إعدادات نظام Uconnect).

إذا عبر السائق علامة الحارة، فسيقوم النظام إما بتوجيه السيارة إلى منتصف الحارة مرة أخرى، أو بتوفير اهتزاز في عجلة القيادة، أو كليهما، وفقًا لإعدادات الراديو.

عند اكتشاف كلتا علامتي الحارة، واستخدام السائق إشارة الانعطاف للإشارة إلى تغيير الحارة واكتشاف سيارة في منطقة مراقبة النقاط الخفية (BSM) على هذا الجانب من السيارة، يوفر نظام إدارة الحارة النشطة (ALM) تحذيرًا في شكل مساعد التوجيه و/أو اهتزاز التوجيه (وفقًا لإعدادات الراديو) لتوجيه السيارة إلى منتصف حارة السير مرة أخرى.

ملاحظة:

- يقوم النظام بإيقاف التحذيرات المرئية واهتزاز التوجيه (إذا تم تحديده من إعدادات الراديو) والمساعدة في التوجيه (إذا تم تحديده من إعدادات الراديو) عند تنشيط السائق لإشارة الانعطاف، وخلو منطقة النقاط الخفية من السيارات، وحدوث تغيير في الحارة.
- إذا اكتشف نظام مراقبة النقاط الخفية (BSM) وجود سيارة في الحارة المجاورة، مع استعمال إشارة الانعطاف في هذا الاتجاه، فسيومض مؤشر LED الخاص بمراقبة النقاط الخفية (BSM) في المرآة. وإذا استمر السائق في محاولة تغيير الحارة، فسيتم توفير عزم دوران عجلة القيادة لإبقاء السيارة ضمن علامات الحارة الخاصة بها.

يمكن أن يتجاوز السائق تحذير مساعد التوجيه يدويًا عن طريق استعمال القوة على عجلة القيادة في أي وقت.

في حالة اكتشاف علامة واحدة فقط للحارة وانحراف السائق عبر علامة الحارة (بدون تشغيل إشارة انعطاف)، يوفر نظام Active Lane Management (إدارة الحارة النشطة) تحذيرًا مرئيًا في مجموعة أجهزة القياس، بالإضافة إلى عزم مساعد التوجيه (في حالة تكوينه في إعدادات نظام Uconnect)، لمطالبة السائق بالبقاء ضمن حدود الحارة. إذا استمر السائق في الخروج من الحارة، فسوف يوفر النظام تحذيرًا مرئيًا وامضًا من خلال شاشة عرض مجموعة أجهزة القياس بالإضافة إلى اهتزاز عجلة القيادة الملموس (إذا تم تكوينه في إعدادات نظام Uconnect) عند عبور السيارة لحدود الحارة.

ملاحظة:

عند استيفاء شروط التشغيل، سيراقب نظام Active Lane Management (إدارة الحارة النشطة) وجود يدي السائق على عجلة القيادة ويوفر تحذيرًا صوتيًا ومرئيًا للسائق في حالة إزالة يديه. سيتم إلغاء النظام إذا لم يعيد السائق يديه إلى عجلة القيادة.

تشغيل نظام ACTIVE LANE MANAGEMENT (إدارة الحارة النشطة) أو إيقاف تشغيله

يوجد زر Active Lane Management (إدارة الحارة النشطة) في لوحة المفاتيح في الجزء الأمامي من الكونسول المركزي، أمام محدد التروس.

لتشغيل النظام، اضغط على زر نظام Active Lane Management (إدارة الحارة النشطة) (ينطفئ مؤشر LED). تظهر رسالة في شاشة عرض مجموعة أجهزة القياس.

لإيقاف تشغيل النظام، اضغط على الزر مرة أخرى (يضيء مصباح LED).

ملاحظة:

سيتذكر نظام Active Lane Management (إدارة الحارة النشطة) آخر حالة للنظام (on (التشغيل) أو off (إيقاف التشغيل)) من آخر دورة تشغيل عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

تحذير!

التحرك للأمام. تتحمل أنت مسؤولية القيادة ويجب عليك الاستمرار في الانتباه إلى ما حولك. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

- يُنصح بشدة قبل استخدام نظام مساعد التوقف النشط ParkSense بفصل مجموعة التركيب الكروية وكرة قضيب الربط من السيارة عند عدم استخدام السيارة للسحب. وقد ينجم عن عدم القيام بذلك التعرض للإصابة أو تلف بالسيارات أو تحطم العوائق لأن كرة قضيب الربط ستكون أقرب للعائق من الواجهة الخلفية/المصد عند إصدار السيارة لنغمة مستمرة. ويمكن للمستشعرات أيضًا اكتشاف مجموعة قضيب السحب، اعتمادًا على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

تنبيه!

- يعتبر نظام مساعد التوقف النشط ParkSense بمثابة أداة مساعدة في إيقاف السيارة فقط، وليس بإمكانه التعرف على كل عائق بما ذلك في العوائق الصغيرة. قد يتم اكتشاف حواف رصيف التوقف أو لا يتم اكتشافها على الإطلاق. لا يتم اكتشاف العوائق الموجودة بأعلى أو أسفل المستشعرات عند التصاقها بالمستشعرات.

(تابع)

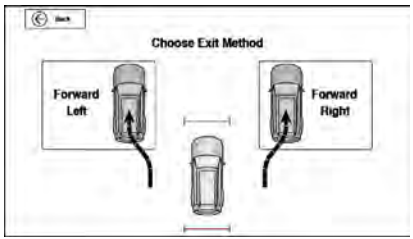
تنبيه!

- يجب قيادة السيارة ببطء عند استخدام نظام مساعد التوقف النشط ParkSense ليمكنك إيقاف السيارة وقت اكتشاف العائق. ينصح بأن ينظر السائق خلف كتفه عند استخدام نظام مساعد التوقف النشط ParkSense.

الخروج من التوقف المتوازي

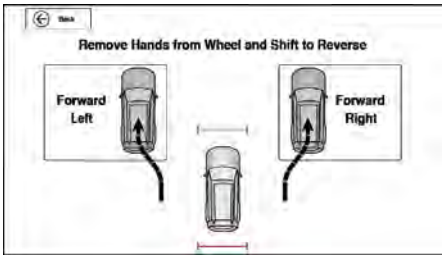
قم بتمكين نظام مساعد التوقف النشط ParkSense بالضغط على مفتاح مساعد التوقف النشط ParkSense. لبدء مناورة الخروج من مكان التوقف، يجب إيقاف السيارة، ويجب على السائق الضغط على "Exit" (خروج) على شاشة عرض نظام Uconnect.

بعد أن يختار السائق مناورة الخروج من التوقف المتوازي، سيطالب النظام السائق بعدئذ باختيار طريقة الخروج. خيارات طريقة الخروج هي للأمام يسارًا وللأمام يمينًا.



اختيار طريقة الخروج

بعد تحديد طريقة مناورة الخروج، ستتم مطالبة السائق بإزالة اليدين عن عجلة القيادة والنقل إلى وضع REVERSE (الرجوع للخلف).

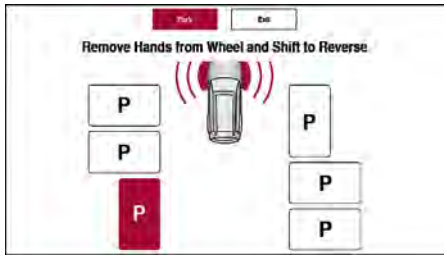


إزالة اليدين عن العجلة والنقل إلى وضع الرجوع للخلف

حرر عجلة القيادة واستخدم دواستي الفرامل والوقود ومحدد التروس حسب التعليمات، بينما يتعامل النظام مع التوجيه أوتوماتيكيًا للخروج من مكان التوقف. إذا لمس السائق عجلة القيادة أو أمسك بها (سواء كان ذلك طواعية أو غير ذلك) في أثناء مناورة الخروج، فستتم مقاطعة المناورة.

يتم إنهاء المناورة شبه الأوتوماتيكية عندما تعرض شاشة العرض رسالة اكتمال المناورة. عند انتهاء المناورة، يُعيد النظام التحكم في السيارة إلى السائق.

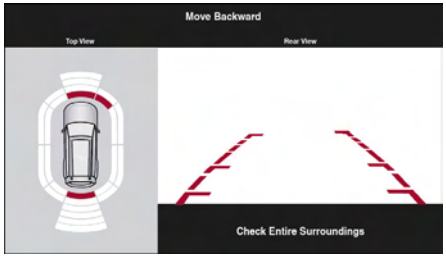
بعد تحديد مكان التوقف، ستتم مطالبة السائق بإزالة اليدين عن عجلة القيادة والنقل إلى وضع REVERSE (الرجوع للخلف).



إزالة اليدين عن العجلة والنقل إلى وضع الرجوع للخلف

بمجرد بدء التوجيه النشط، ستظهر صورة كاميرا في شاشة عرض نظام Uconnect مع تعليمات يتم عرضها طوال مدة المناورة.

قد يطلب النظام من السائق بعد ذلك انتظار اكتمال التوجيه قبل أن يطلب التحقق من المنطقة المحيطة بالسيارة والتحرك للخلف.



التحرك إلى الخلف

سيُطلب من السائق إجراء العديد من عمليات تبديل التروس (وضع DRIVE (القيادة) وREVERSE (الرجوع للخلف)) مع إبعاد اليدين عن عجلة القيادة أثناء التحقق من المنطقة المحيطة بالسيارة قبل إكمال مناورة التوقف.

عندما تكون السيارة في موضع الركن، ستكتمل المناورة وسيُطلب من السائق التحقق من موضع ركن السيارة، ثم تبديل التروس إلى PARK (التوقف). سيتم عرض الرسالة "Complete! Check Parking Position" (اكتمل! تحقق من موضع التوقف) للحظات.

ملاحظة:

- تقع على السائق مسؤولية استخدام الفرامل وإيقاف السيارة. ينبغي أن يقوم السائق بالتحقق من المنطقة المحيطة لإيقاف السيارة سواء عندما يتم إرشاده إلى ذلك أو عندما يكون تدخل السائق مطلوبًا.
- تقع على عاتق السائق مسؤولية استخدام الفرامل ودواسة الوقود أثناء مناورة التوقف شبه الأوتوماتيكية.
- عندما يوجه النظام السائق إلى رفع اليدين عن عجلة القيادة، فيجب على السائق التحقق من المنطقة المحيطة والبدء في الرجوع للخلف ببطء.
- سيسمح نظام مساعد التوقف النشط ParkSense بثماني نقلات كحد أقصى بين وضعي DRIVE (القيادة) وREVERSE (الرجوع للخلف). إذا تعذّر إكمال المناورة في خلال ثماني نقلات للتروس، فسيتم إلغاء النظام وسترشد شاشة عرض مجموعة أجهزة القياس السائق إلى إكمال المناورة يدويًا.
- سيقوم النظام بإلغاء المناورة إذا تجاوزت سرعة السيارة عن 30 كم/ساعة (18 أميال/ساعة) أثناء توجيه القيادة النشط في مكان التوقف. ويقوم النظام بتقديم تحذير للسائق عند الوصول لسرعة 25 كم/ساعة (15 أميال/ساعة) ليعلمه بإبطاء السرعة. وسيكون عندئذٍ السائق مسؤولاً عن الانتهاء من المناورة إذا تم إلغاء النظام.
- إذا تم إلغاء النظام أثناء المناورة لأي سبب، فيجب على السائق التحكم في السيارة.

تحذير!

- ينبغي أن يتوخ السائقين الحذر عند القيام بمناورات إيقاف السيارة بصورة موازية أو عمودية حتى مع استخدام نظام مساعد التوقف النشط ParkSense. قم دومًا بالتحقق بعناية مما وراء السيارة وأمامها مع النظر خلفك وأمامك، علاوة على التأكد من تفقد وجود مشاة أو حيوانات أو سيارات أخرى أو عوائق ومراجعة المناطق غير المرئية قبل الرجوع للخلف أو

(تابع)

كما يمكن إيقاف النظام مؤقتًا قبل الضغط مع الاستمرار على مفتاح مساعد التوقف النشط إذا قام السائق بالنقل إلى وضع REVERSE (الرجوع للخلف).

ستتم مطالبة السائق بالنقل إلى وضع DRIVE (القيادة) لمتابعة المناورة. إذا تم نقل السيارة إلى وضع DRIVE (القيادة)، فستستمر العملية في مرحلة تحديد البحث/المناورة.

نظام مساعد التوقف النشط PARKSENSE شبه الأوتوماتيكي — إذا كانت السيارة مزوّدة بذلك

عمل مساعد مكان التوقف العمودي/المتوازي

عند تمكين نظام مساعد التوقف النشط ParkSense، يجب أن يضغط السائق على "Park" (التوقف) على شاشة عرض نظام Uconnect، وسيبدأ النظام في البحث عن أماكن التوقف المتوازية والعمودية الصالحة.

ملاحظة:

إذا كانت سيارتك مزوّدة بنظام أوتوماتيكي بالكامل، فقد تحتاج إلى تحديث الإعداد المحدد من نظام Uconnect للتبديل إلى المناورة شبه الأوتوماتيكية ⇦ صفحة ٢٠٣.

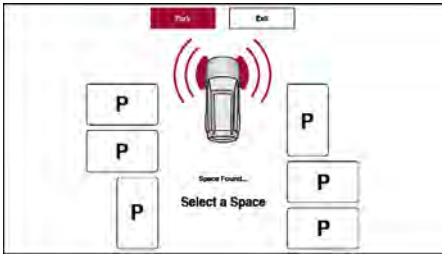
ملاحظة:

- ينبغي أن يتأكد السائق أن مكان التوقف المحدد لإجراء المناورة خاليًا وليس به أي عوائق (مثل: المشاة أو الدراجات أو ما شابه).
- يعد السائق مسؤولاً عن ضمان مناسبة مكان التوقف المحدد لإجراء المناورة وأنه خاليًا/ليس به أي عوائق قد تكون عالقة أو بارزة في مكان التوقف (مثل: سلالم أو أبوب خلفية أو ما شابه من الأشياء/السيارات المحيطة).
- عند البحث عن مكان للتوقف، ينبغي أن يقود السائق بصورة موازية أو عمودية (تبعًا لنوع المناورة) بالنسبة للسيارات الأخرى قدر الإمكان.
- أثناء وجود السيارة في وضع DRIVE (القيادة)، ستكون الصورة في شاشة عرض نظام Uconnect في وضع ملء الشاشة. إذا انتقل السائق إلى وضع REVERSE (الرجوع إلى الخلف) أثناء البحث عن مساحة للتوقف، فستظهر صورة من الكاميرا على شاشة نظام Uconnect مع رسالة "Shift to Drive" (الانتقال إلى القيادة).

يتم عرض كلا نوعي الأماكن الصالحة (المتوازية والعمودية) على شاشة عرض نظام Uconnect عند العثور عليها. سيتم تحديث الأماكن المتوفرة في الوقت الحقيقي.

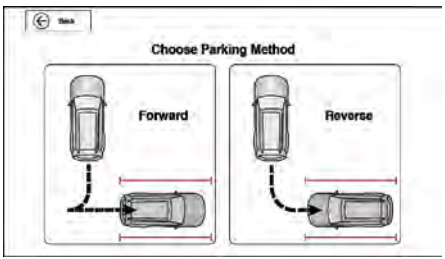
عند العثور على أماكن توقف صالحة وعدم وجود السيارة في الوضع الصحيح، ستتم مطالبتك بالتحرك إلى الأمام لضبط موضع السيارة لإجراء تسلسل التوقف العمودي أو المتوازي (وفقًا لنوع المناورة التي يتم تنفيذها).

سيصدر صوت صافرة، وستتم مطالبة السائق بإيقاف السيارة وتحديد مكان. يمكن القيام بذلك عن طريق الضغط على المكان المطلوب على شاشة نظام Uconnect.



اختيار مكان

إذا حدد السائق مكان توقف عموديًا، فسوف يطلب النظام من السائق اختيار طريقة توقف Forward (للأمام) أو Reverse (للخلف).



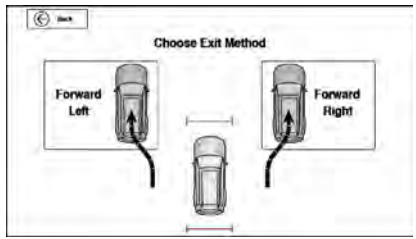
اختيار طريقة التوقف العمودي

تنبيه!
• يجب قيادة السيارة ببطء عند استخدام نظام مساعد التوقف النشط ParkSense ليمكنك إيقاف السيارة وقت اكتشاف العائق. ينصح بأن ينظر السائق خلف كتفه عند استخدام نظام مساعد التوقف النشط ParkSense.

الخروج من التوقف المتوازي

قم بتمكين نظام مساعد التوقف النشط ParkSense بالضغط على مفتاح مساعد التوقف النشط ParkSense. لبدء مناورة الخروج من مكان التوقف، يجب إيقاف السيارة، ويجب على السائق الضغط على "Exit" (خروج) على شاشة عرض نظام Uconnect.

بعد أن يختار السائق مناورة الخروج من التوقف المتوازي، سيطالب النظام السائق بعدئذ باختيار طريقة الخروج. خيارات طريقة الخروج هي للأمام يسارًا وللأمام يمينًا.



اختيار طريقة الخروج

ملاحظة:

إذا تمت محاولة تحديد طريقة خروج قبل إيقاف السيارة، فستتم مطالبة السائق بإيقاف السيارة لإجراء التحديد.

بعد اختيار السائق جانب الخروج المتوازي، تظهر رسالة على شاشة عرض نظام Uconnect تحتوي على تعليمات بمواصلة الضغط على دواسة الفرامل والاستمرار في الضغط على مفتاح مساعد التوقف النشط. يجب استيفاء هذين الشرطين حتى يمكن بدء المناورة.

عند الضغط باستمرار على مفتاح مساعد التوقف النشط، يتم تشغيل إشارة الانعطاف في جانب الخروج الذي تم اختياره أوتوماتيكيًا.

سيطلب النظام من السائق بعدئذ إزالة يديه عن عجلة القيادة وقدميه عن الدواسات. ستظهر هذه الشاشة لمدة ثانيتين على الأقل، أو حتى يحرر السائق دواسة الفرامل.

عندما يبدأ السائق تسلسل الخروج بعد استيفاء الشروط الموضّحة سابقًا، سيعرض نظام Uconnect منظرًا علويًا إما مع عرض الكاميرا الخلفية (إذا كانت السيارة في وضع REVERSE (الرجوع للخلف)) أو عرض الكاميرا الأمامية (إذا كانت السيارة في وضع DRIVE (القيادة))، وستبدأ مناورة الخروج.

سيضم المنظر العلوي أقواس ParkSense مدمجة بالصورة في الجزء الأمامي والخلفي من السيارة. سيتغير لون الأقواس من الأصفر إلى الأحمر بصورة مناظرة لمناطق المسافة إلى الجسم القادم.

تنتهي المناورة الأوتوماتيكية عند خروج السيارة من مكان التوقف، وتعرض شاشة العرض رسالة اكتمال المناورة. ستصبح السيارة في وضع DRIVE (القيادة) ويتم تثبيتها هيدروليكيًا بواسطة الفرامل حتى يضغط السائق على دواسة الوقود. يُعيد النظام التحكم في السيارة إلى السائق مرة أخرى.

بمجرد أن يستعيد السائق التحكم في السيارة، سيصدر صوت صافرة وسينطفئ مؤشر LED الموجود على المفتاح. بعد مرور خمس ثوان تقريبًا، سيتم عرض شاشة نظام Uconnect السابقة.

إيقاف مناورة التوقف مؤقتًا/إلغاؤها

قد تؤدي بعض الظروف إلى إيقاف مناورة التوقف أو الخروج الأوتوماتيكية بالكامل مؤقتًا أو إلغائها.

يمكن إيقاف نظام التوقف الأوتوماتيكي ParkSense مؤقتًا بسبب إزالة إصبع السائق عن مفتاح مساعد التوقف النشط و/أو وجود جسم في مسار السيارة أثناء مناورة التوقف.

في حال حدوث واحد أو أكثر من هذه السيناريوهات، ستوقف الفرملة الأوتوماتيكية السيارة وتثبّتها هيدروليكيًا بواسطة الفرامل.

ستتم مطالبة السائق بالاستمرار في الضغط على مفتاح مساعد التوقف النشط لمتابعة مناورة التوقف أو الخروج. إذا لم يستأنف السائق الضغط مع الاستمرار على المفتاح لأسفل، فسيتم إلغاء المناورة.

إذا تم إيقاف المناورة مؤقتًا بسبب وجود جسم في مسار السيارة، فستظهر رسالة في شاشة عرض نظام Uconnect. ستظل المناورة متوقفة مؤقتًا حتى لا يعود الجسم موجودًا في مسار السيارة.

ملاحظة:

عند الضغط مطولاً على مفتاح مساعد التوقف النشط، يتم تشغيل إشارة الانعطاف في جانب السيارة حيث يوجد مكان التوقف المحدد أوتوماتيكيًا.

سيطلب النظام من السائق بعدئذ إزالة يديه عن عجلة القيادة وقدميه عن الدواسات. ستظهر هذه الشاشة لمدة ثانيتين على الأقل، أو حتى يحرر السائق دواسة الفرامل.

عندما يبدأ السائق تسلسل التوقف بعد استيفاء الشروط الموضّحة سابقًا، سيعرض نظام Uconnect منظرًا علويًا إما مع عرض الكاميرا الخلفية (إذا كانت السيارة في وضع REVERSE (الرجوع للخلف)) أو عرض الكاميرا الأمامية (إذا كانت السيارة في وضع DRIVE (القيادة)).

سيضم المنظر العلوي أقواس ParkSense مدمجة بالصورة في الجزء الأمامي والخلفي من السيارة. سيتغير لون الأقواس من الأصفر إلى الأحمر بصورة مناظرة لمناطق المسافة إلى الجسم القادم.

سيُنفِذ النظام بعدئذ مناورة التوقف. بمجرد اكتمال المناورة، سيتم نقل السيارة أوتوماتيكيًا إلى وضع PARK (التوقف).

سيعرض النظام الرسالة "Complete" (اكتمل) ويطلب من السائق تحرير مفتاح مساعد التوقف النشط.

بمجرد تحرير مفتاح مساعد التوقف النشط، سيصدر صوت صافرة وسينطفئ مؤشر LED الموجود على المفتاح. بعد مرور خمس ثوان تقريبًا، سيتم عرض شاشة نظام Uconnect السابقة.

ملاحظة:

- تقع على السائق مسؤولية استخدام الفرامل وإيقاف السيارة. ينبغي أن يقوم السائق بالتحقق من المنطقة المحيطة لإيقاف السيارة سواء عندما يتم إرشاده إلى ذلك أو عندما يكون تدخل السائق مطلوبًا.
- عندما يوجه النظام السائق إلى رفع اليدين عن عجلة القيادة، فيجب على السائق التحقق من المنطقة المحيطة والبدء في الرجوع للخلف ببطء.
- سيقوم النظام بإلغاء المناورة إذا تجاوزت سرعة السيارة عن 40 كم/ساعة (28 أميال/ساعة) أثناء توجيه القيادة النشط في مكان التوقف. ويقوم النظام بتقديم تحذير للسائق عند الوصول لسرعة 40 كم/ساعة (28 أميال/ساعة) ليعلمه بإبطاء السرعة. وسيكون عندئذٍ السائق مسؤولاً عن الانتهاء من المناورة إذا تم إلغاء النظام.
- إذا تم إلغاء النظام أثناء المناورة لأي سبب، فيجب على السائق التحكم في السيارة.

تحذير!

- ينبغي أن يتوخ السائقين الحذر عند القيام بمناورات إيقاف السيارة بصورة موازية أو عمودية حتى مع استخدام نظام مساعد التوقف النشط ParkSense. قم دومًا بالتحقق بعناية مما وراء السيارة وأمامها مع النظر خلفك وأمامك، علاوة على التأكد من تفقد وجود مشاة أو حيوانات أو سيارات أخرى أو عوائق ومراجعة المناطق غير المرئية قبل الرجوع للخلف أو

(تابع)

تحذير!

التحرك للأمام. تتحمل أنت مسؤولية القيادة ويجب عليك الاستمرار في الانتباه إلى ما حولك. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

- يُنصح بشدة قبل استخدام نظام مساعد التوقف النشط ParkSense بفصل مجموعة التركيب الكروية وكرة قضيب الربط من السيارة عند عدم استخدام السيارة للسحب. وقد ينجم عن عدم القيام بذلك التعرض للإصابة أو تلف بالسيارات أو تحطم العوائق لأن كرة قضيب الربط ستكون أقرب للعائق من الواجهة الخلفية/المصد عند إصدار السيارة لنغمة مستمرة. ويمكن للمستشعرات أيضًا اكتشاف مجموعة قضيب السحب، اعتمادًا على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

تنبيه!

- يعتبر نظام مساعد التوقف النشط ParkSense بمثابة أداة مساعدة في إيقاف السيارة فقط، وليس بإمكانه التعرف على كل عائق بما ذلك في العوائق الصغيرة. قد يتم اكتشاف حواف رصيف التوقف أو لا يتم اكتشافها على الإطلاق. لا يتم اكتشاف العوائق الموجودة بأعلى أو أسفل المستشعرات عند التصاقها بالمستشعرات.

(تابع)

عرض نظام Uconnect، ويتعين على السائق تحديد "Yes" (نعم) أو "No" (لا) لمناورة الخروج من التوقف المتوازي. ستؤدي أي ظروف أخرى إلى القيام بمناورة التوقف المتوازي بشكل افتراضي.

نظام التوقف الأوتوماتيكي PARKSENSE
—— إذا كانت السيارة مزوّدة بذلك

عمل مساعد مكان التوقف العمودي/المتوازي

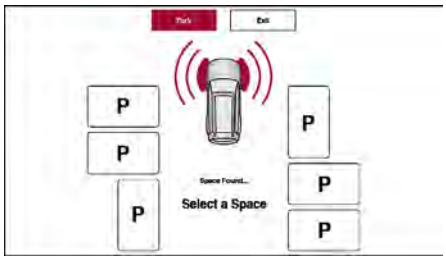
عند تمكين نظام مساعد التوقف النشط ParkSense، يجب أن يضغط السائق على "Park" (التوقف) على شاشة عرض نظام Uconnect، وسيبدأ النظام في البحث عن أماكن التوقف المتوازية والعمودية الصالحة.

ملاحظة:

- ينبغي أن يتأكد السائق أن مكان التوقف المحدد لإجراء المناورة خاليًا وليس به أي عوائق (مثل: المشاة أو الدراجات أو ما شابه).
- يعد السائق مسؤولًا عن ضمان مناسبة مكان التوقف المحدد لإجراء المناورة وأنه خاليًا/ليس به أي عوائق قد تكون عالقة أو بارزة في مكان التوقف (مثل: سلالم أو أبوب خلفية أو ما شابه من الأشياء/السيارات المحيطة).
- عند البحث عن مكان للتوقف، ينبغي أن يقود السائق بصورة موازية أو عمودية (تبعًا لنوع المناورة) بالنسبة للسيارات الأخرى قدر الإمكان.
- أثناء وجود السيارة في وضع DRIVE (القيادة)، ستكون الصورة في شاشة عرض نظام Uconnect في وضع ملء الشاشة. إذا انتقل السائق إلى وضع REVERSE (الرجوع إلى الخلف) أثناء البحث عن مساحة للتوقف، فستظهر صورة من الكاميرا على شاشة نظام Uconnect مع رسالة "Shift to Drive" (الانتقال إلى القيادة).

يتم عرض كلا نوعي الأماكن الصالحة (المتوازية والعمودية) على شاشة عرض نظام Uconnect عند العثور عليها. سيتم تحديث الأماكن المتوفرة في الوقت الحقيقي.

عند العثور على أماكن توقف صالحة، ستتم مطالبة السائق بإيقاف السيارة.



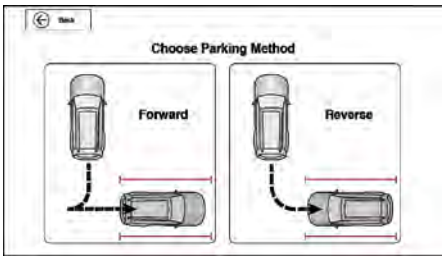
اختيار مكان

يمكن للسائق بعدئذ تحديد مكان التوقف بالضغط على المكان المطلوب على شاشة عرض نظام Uconnect.

ملاحظة:

إذا تمت محاولة تحديد مكان قبل إيقاف السيارة، فستظهر شاشة تحذير في شاشة عرض نظام Uconnect تتضمن تعليمات لإيقاف السيارة لإجراء التحديد.

إذا حدد السائق مكان توقف عموديًا، فسوف يطلب النظام من السائق اختيار طريقة توقف Forward (للأمام) أو Reverse (للخلف).



اختيار طريقة التوقف العمودي

ملاحظة:

يمكنك الضغط على الزر "Back" (رجوع) على شاشة العرض للعودة إلى شاشة تحديد مكان التوقف وتحديد مكان آخر.

بمجرد إجراء تحديد مناورة التوقف المتوازي أو العمودي، ستظهر رسالة على شاشة العرض تتضمن تعليمات بالضغط على دواسة الفرامل ومفتاح مساعد التوقف النشط. يجب استيفاء هذين الشرطين لبدء مناورة التوقف. كما تطلب الرسالة من السائق أيضًا الضغط مطولًا على مفتاح مساعد التوقف النشط للقيام بالمناورة بالكامل.

لتمكين نظام مساعد التوقف النشط ParkSense، اضغط على مفتاح مساعد التوقف النشط ParkSense مرة واحدة (يضيء مصباح LED). سيؤدي الضغط على المفتاح مرة ثانية إلى تعطيل النظام (ينطفئ مصباح LED).

سيتم إيقاف تشغيل نظام مساعد التوقف النشط ParkSense أوتوماتيكيًا في حالة حدوث أي من الظروف التالية:

- اكتمال مناورة التوقف
- زيادة سرعة السيارة عن 45 كم/ساعة (28 ميلاً/الساعة) عند البحث عن مكان للتوقف في أثناء المناورة الأوتوماتيكية بالكامل
- زيادة سرعة السيارة عن 30 كم/ساعة (18 ميلاً/الساعة) عند البحث عن مكان للتوقف في أثناء المناورة شبه الأوتوماتيكية
- زيادة سرعة السيارة عن 7 كم/ساعة (5 أميال/الساعة) في أثناء توجيه القيادة النشط شبه الأوتوماتيكي إلى مكان التوقف
- لمس عجلة القيادة في أثناء توجيه القيادة النشط الأوتوماتيكي بالكامل أو شبه الأوتوماتيكي إلى مكان التوقف.
- الضغط على دواسة البنزين أو دواسة الفرامل في أثناء توجيه القيادة النشط الأوتوماتيكي بالكامل إلى مكان التوقف.
- الضغط على مفتاح نظام مساعد التوقف ParkSense الأمامي والخلفي
- فتح أي من الأبواب في أثناء المناورة الأوتوماتيكية بالكامل
- فتح باب السائق في أثناء المناورة شبه الأوتوماتيكية
- فتح باب المؤخرة الخلفي
- توصيل مقطورة
- تشغيل السيارة في وضع 4WD Low (الدفع الرباعي المنخفض)
- تعشيق أنظمة التحكم في السرعة الثابتة، أو وحدة التحكم في السرعة الثابتة المهايئة أو مساعد القيادة النشط
- تداخل نظام التحكم في الاستقرار الإلكتروني / نظام الفرامل المانعة للانغلاق

يسمح نظام مساعد التوقف النشط ParkSense بأقصى عدد من التبديلات بين وضعي DRIVE (القيادة) وREVERSE (الرجوع للخلف). إذا تعذّر إكمال المناورة في خلال أقصى عدد من تبديلات التروس، فسيتم إلغاء النظام وسترشد شاشة عرض مجموعة أجهزة القياس السائق إلى إكمال المناورة يدويًا.

يعمل نظام مساعد التوقف النشط ParkSense ويبحث فقط عن مكان للتوقف عند توافر الشروط التالية:

- محدد التروس في وضع DRIVE (القيادة)
- وضع مفتاح التشغيل في وضع RUN (الانطلاق)
- تنشيط مفتاح مساعد التوقف النشط ParkSense
- إغلاق جميع الأبواب
- إغلاق باب المؤخرة الخلفي
- انخفاض سرعة السيارة عن 25 كم/ساعة (15 ميلاً/الساعة) في أثناء المناورة شبه الأوتوماتيكية
- انخفاض سرعة السيارة عن 40 كم/ساعة (25 ميلاً/الساعة) في أثناء المناورة الأوتوماتيكية بالكامل
- أن يكون السطح الخارجي والجانب السفلي من الواجهتين/المصدات الأمامية والخلفية نظيفًا وخاليًا من الجليد أو الثلج أو الوحل أو الأوساخ أو أي انسداد آخر.

ملاحظة:

- في أثناء المناورة شبه الأوتوماتيكية، إذا تمت قيادة السيارة بسرعة تزيد عن 25 كم/ساعة (15 ميلاً/الساعة) تقريبًا، فستطالب شاشة عرض مجموعة أجهزة القياس السائق بتخفيض السرعة. في حالة قيادة السيارة بسرعة تزيد عن 30 كم/ساعة (18 ميلاً/ساعة) تقريبًا، يتم إلغاء النظام. يجب على السائق عندئذ إعادة تنشيط النظام عن طريق الضغط على مفتاح مساعد التوقف النشط ParkSense.
- في أثناء المناورة الأوتوماتيكية بالكامل، إذا تمت قيادة السيارة بسرعة تزيد عن 40 كم/ساعة (25 ميلاً/الساعة) تقريبًا، فستطالب شاشة عرض مجموعة أجهزة القياس السائق بتخفيض السرعة. في حالة قيادة السيارة بسرعة تزيد عن 45 كم/ساعة (28 ميلاً/ساعة) تقريبًا، يتم إلغاء النظام. يجب على السائق عندئذ إعادة تنشيط النظام عن طريق الضغط على مفتاح مساعد التوقف النشط ParkSense.

عند الضغط عليه، سيومض مؤشر LED الموجود على مفتاح مساعد التوقف النشط ParkSense للحظات. في حال عدم وجود أي من الحالات الموضحة سابقًا، ينطفئ مؤشر LED.

إذا كانت السيارة في أي ترس آخر بخلاف DRIVE (القيادة)، وتم اكتشاف أحد الأجسام في مسار السيارة، فسيتم ضبط النظام افتراضيًا على Parallel Park Exit (الخروج من التوقف المتوازي). ستظهر مطالبة في شاشة

تنبيه!

- يعتبر نظام ParkSense بمثابة أداة مساعدة في إيقاف السيارة، وليس بإمكانه التعرف على كل عائق، بما ذلك في العوائق الصغيرة. قد يتم اكتشاف حواف رصيف التوقف أو لا يتم اكتشافها على الإطلاق. لا يتم اكتشاف العوائق الموجودة بأعلى أو أسفل المستشعرات عند التصاقها بالمستشعرات.
- يجب قيادة السيارة ببطء عند استخدام نظام ParkSense ليمكنك إيقاف السيارة وقت اكتشاف العائق. يوصى بأن ينظر السائق خلفه عند استخدام نظام ParkSense.

نظام مساعد التوقف النشط PARKSENSE — إذا كانت السيارة مزوّدة بذلك

تم تصميم نظام مساعد التوقف النشط ParkSense لمساعدة السائق أثناء مناورات التوقف المتوازي والعمودي. يعمل النظام من خلال تحديد مساحة توقف مناسبة، وتوفير إرشادات صوتية/مرئية، والتحكم في عجلة القيادة فقط، أو دواسة الوقود، ومحدد التروس، والفرامل، وعجلة القيادة (إذا كانت السيارة مزوّدة بالنظام الأوتوماتيكي بالكامل). بناءً على تحديد السائق لمناورة التوقف، يتمكن نظام مساعد التوقف النشط ParkSense من المناورة بالسيارة في مساحة توقف متوازية أو عمودية على كلا الجانبين (أي، جانب السائق أو جانب الراكب).

يتوفر نوعان من أنظمة مساعد التوقف النشط ParkSense:

- نظام مساعد التوقف النشط ParkSense شبه الأوتوماتيكي
- نظام التوقف الأوتوماتيكي ParkSense

نظام مساعد التوقف النشط ParkSense شبه الأوتوماتيكي — إذا كانت السيارة مزوّدة بذلك

يكتشف النظام شبه الأوتوماتيكي أماكن التوقف، ويتحكم في عجلة القيادة فقط. يحافظ السائق على التحكم في دواسة الوقود، ومحدد التروس والفرامل.

نظام التوقف الأوتوماتيكي ParkSense — إذا كانت السيارة مزوّدة بذلك

يكتشف النظام الأوتوماتيكي بالكامل أماكن التوقف، ويتحكم في دواسة الوقود، ومحدد التروس، والفرامل، وعجلة القيادة. في هذا الوضع، يوفر النظام أيضًا إمكانية اكتشاف العوائق عن طريق توفير التحذيرات المرئية والصوتية والفرامل الأوتوماتيكية لتجنب وقوع تصادم.

إذا كانت سيارتك مزودة بالنظام الأوتوماتيكي بالكامل، يمكنك التبديل بين الوضع شبه الأوتوماتيكي والوضع الأوتوماتيكي بالكامل من إعدادات نظام Uconnect ⇦ صفحة ٢٠٣.

ملاحظة:

- يعتبر السائق دائمًا هو المسؤول عن التحكم في السيارة والمسؤول عن أي أشياء محيطة ويجب عليه التدخل حسب الحاجة.
- إن النظام يوفر المساعدة للسائق ولا يعد بديلًا عن السائق.
- أثناء المناورة شبه الأوتوماتيكية أو الأوتوماتيكية بالكامل، إذا لمس السائق عجلة القيادة بعد مطالبته برفع يديه عنها، فسيتم إلغاء النظام وسيُطلب من السائق إكمال مناورة التوقف يدويًا.
- قد لا يعمل النظام في جميع الظروف (على سبيل المثال، الظروف البيئية مثل الأمطار الغزيرة أو الثلج، إلخ، أو إذا كنت تبحث عن مساحة توقف ذات أسطح تمتص موجات المستشعر فوق الصوتية).
- يجب أن تسير السيارات الجديدة المبيعة من قبل الوكيل على الأقل مسافة 30 ميلًا (48 كم) قبل أن تتم معايرة نظام مساعد التوقف النشط ParkSense بالكامل من أجل أن يؤدي وظيفته بدقة. ويرجع هذا إلى نظام المعايرة الديناميكية للسيارة من أجل تحسين أداء الميزة. كما يقوم النظام بشكل مستمر بتنفيذ المعايرة الديناميكية للسيارة ليعوض الاختلافات مثل عبر الإطارات ذات مستويات الانتفاخ الزائدة أو المنخفضة أو الإطارات الجديدة.

تمكين نظام مساعد التوقف النشط PARKSENSE وتعطيله

يمكن تمكين نظام مساعد التوقف النشط ParkSense وتعطيله باستخدام مفتاح مساعد التوقف النشط ParkSense، الموجود على لوحة المفاتيح في الجزء الأمامي من الكونسول المركزي، أمام محدد التروس.

التنشيط/إلغاء التنشيط

لا يمكن أن يعمل النظام إلا بعد القيادة لمسافة قصيرة وإذا كانت سرعة السيارة بين 0 و11 كم/ساعة (0 و7 أميال/ساعة). ويمكن تنشيط/إلغاء تنشيط النظام عبر قائمة Settings (الإعدادات) في نظام Uconnect. إذا تم إلغاء تنشيط نظام ParkSense عبر مفتاح ParkSense المادي فعندئذٍ سيتم إلغاء تنشيط نظام تحذير المسافة الجانبية أوتوماتيكيًا.

رسالة على شاشة العرض لميزة تحذير المسافة الجانبية:

"Wipe Sensors" (مستشعرات الماسحة) - يتم عرض هذه الرسالة في حالة وجود عطل بمستشعرات نظام تحذير المسافة الجانبية. أبعد أي عوائق عن المصدات، وتأكد من خلو الواجهة/المصد في الخلف من الجليد والثلج والوحل والقاذورات والرواسب لكي يعمل نظام مساعد التوقف ParkSense بشكل صحيح.

"System Not Available" (النظام غير متاح) - يتم عرض هذه الرسالة إذا لم يكن نظام تحذير المسافة الجانبية متاحًا. وقد يرجع السبب في الإخفاق في تشغيل النظام إلى الفولتية غير الكافية من البطارية أو إلى أعطال أخرى في النظام الكهربائي. اتصل بالوكيل المعتمد في أقرب وقت ممكن لفحص النظام الكهربي.

احتياطات استخدام مساعد التوقف ParkSense

قد تؤثر بعض الظروف على أداء نظام تحذير المسافة الجانبية:

ملاحظة:

- تأكد من خلو الواجهة/المصد في الأمام والخلف من الجليد والثلج والوحل والأوساخ والرواسب لكي يعمل نظام مساعد التوقف ParkSense على نحو صحيح.
- قد تؤثر معدات الإنشاء والشاحنات الكبيرة ومصادر الذبذبات الأخرى على أداء نظام ParkSense.
- عند إيقاف تشغيل نظام ParkSense، ستعرض شاشة عرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام ParkSense). علاوة على ذلك، بمجرد إيقاف تشغيل نظام مساعد التوقف الخلفي ParkSense، سوف يظل قيد الإيقاف حتى يتم تشغيله مرة أخرى حتى إذا قمت بتدوير مفتاح التشغيل.
- عند تشغيل نظام ParkSense، سينخفض مستوى صوت الراديو عند إصداره لنغمة صوتية.
- نظف مستشعرات نظام ParkSense بانتظام، واحرص على عدم خدشها أو إتلافها. احرص على عدم تغطية المستشعرات بالثلوج أو الرمال أو الطين أو الشحم أو القاذورات. وعدم الحرص على ذلك قد ينجم عنه عدم عمل النظام بشكل سليم. قد لا يستشعر نظام ParkSense وجود عائق أمام الواجهة/المصد أو خلفه، أو قد يعطي إشارة خاطئة عن وجود عائق أمام الواجهة/المصد أو خلفه.
- قد يتسبب وجود خطاف سحب من دون مقطورة في إعاقة التشغيل الصحيح لمستشعرات التوقف. وقبل استخدام نظام ParkSense، نوصي بإزالة مجموعة كرة خطاف السحب القابل للإزالة وأي مثبتات أخرى من السيارة بعد الانتهاء من استخدامها في عمليات السحب.

تحذير!

- يجب أن يتوخ سائقو السيارات الحرص عند الرجوع للخلف حتى عند استخدام نظام مساعد التوقف ParkSense. قم دائمًا بفحص منطقة خلف السيارة بحرص، وانظر خلفك وتأكد من عدم وجود مشاة أو سيارات أخرى أو عوائق ومناطق غير مرئية قبل الرجوع للخلف. تتحمل أنت مسؤولية القيادة ويجب عليك الاستمرار في الانتباه إلى ما حولك. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.
- يُنصح بشدة قبل استخدام نظام مساعد التوقف ParkSense بفصل مجموعة تركيب الكرة وكرة قضيب الربط من السيارة في حال عدم استخدام السيارة للسحب. وقد ينجم عن عدم القيام بذلك التعرض للإصابة أو تلف بالسيارات أو تحطم العوائق لأن كرة قضيب الربط ستكون أقرب للعائق من الواجهة الخلفية/المصد عند إصدار السيارة لنغمة مستمرة. ويمكن للمستشعرات أيضًا اكتشاف مجموعة قضيب السحب، اعتمادًا على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

عرض رسالة "Parksense Unavailable Service Required" (نظام مساعد التوقف PARKSENSE غير متاح، يلزم إجراء الصيانة) في مجموعة أجهزة القياس.

- ينبغي تعطيل نظام ParkSense عندما يكون باب المؤخرة في الوضع المفتوح. وقد يعطي باب المؤخرة المفتوح إشارة غير صحيحة عن وجود عائق خلف السيارة.

تحذير!

- يجب أن يتوخ سائقو السيارات الحرص عند الرجوع للخلف حتى عند استخدام نظام مساعد التوقف ParkSense. قم دائمًا بفحص منطقة خلف السيارة بحرص، وانظر خلفك وتأكد من عدم وجود مشاة أو سيارات أخرى أو عوائق ومناطق غير مرئية قبل الرجوع للخلف. تتحمل أنت مسؤولية القيادة ويجب عليك الاستمرار في الانتباه إلى ما حولك. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.
- يُنصح بشدة قبل استخدام نظام مساعد التوقف ParkSense بفصل مجموعة تركيب الكرة وكرة قضيب الربط من السيارة في حال عدم استخدام السيارة للسحب. وقد ينجم عن عدم القيام بذلك التعرض للإصابة أو تلف بالسيارات أو تحطم العوائق لأن كرة قضيب الربط ستكون أقرب للعائق من الواجهة الخلفية/المصد عند إصدار السيارة لنغمة مستمرة. ويمكن للمستشعرات أيضًا اكتشاف مجموعة قضيب السحب، اعتمادًا على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

تنبيه!

- يعتبر نظام ParkSense بمثابة أداة مساعدة في إيقاف السيارة، وليس بإمكانه التعرف على كل عائق، بما ذلك في العوائق الصغيرة. قد يتم اكتشاف حواف رصيف التوقف أو لا يتم اكتشافها على الإطلاق. لا يتم اكتشاف العوائق الموجودة بأعلى أو أسفل المستشعرات عند التصاقها بالمستشعرات.
- يجب قيادة السيارة ببطء عند استخدام نظام ParkSense ليمكنك إيقاف السيارة وقت اكتشاف العائق. يوصى بأن ينظر السائق خلفه عند استخدام نظام ParkSense.

SIDE DISTANCE WARNING SYSTEM (نظام تحذير المسافة الجانبية) — إذا كانت السيارة مزودة بذلك

يعمل نظام تحذير المسافة الجانبية على اكتشاف وجود العوائق الجانبية القريبة من السيارة باستخدام مُستشعرات التوقف الموجودة في الواجهة/المصدين الأمامي والخلفي.

شاشة تحذير المسافة الجانبية

لن يتم عرض شاشة تحذير المسافة الجانبية إلا في حالة تمكين هذه الميزة من إعدادات نظام Uconnect ⇦ صفحة ٢٠٣.

يُحذّر النظام السائق بإشارة صوتية، وبإشارات مرئية، عند تمكينها، على شاشة مجموعة أجهزة القياس.

عندما تكون السيارة في وضع DRIVE (القيادة)، سوف يطابق مستوى صوت/الإشارة الصوتية لتحذير المسافة الجانبية مستوى صوت نظام ParkSense الأمامي ونوع إشارته الصوتية.

عندما تكون السيارة في وضع REVERSE (الرجوع إلى الخلف)، سوف يطابق مستوى صوت/الإشارة الصوتية لتحذير المسافة الجانبية مستوى صوت نظام ParkSense الخلفي ونوع إشارته الصوتية.

تنبيهات التحذير		
المسافة (سم/بوصات)	أقل من 30 سم (12 بوصة)	60 – 30 سم (24 – 12 بوصة)
الأقواس - اليسرى	يومض الحادي عشر	يومض الثاني عشر
الأقواس - اليمنى	يومض الحادي عشر	يومض الثاني عشر
التنبيه الصوتي إشارة صوتية	مستمرة	صافرة صوتية سريعة مع اقتراب الأجسام من السيارة
يتم خفض مستوى صوت الراديو	نعم	نعم

ملاحظة:

سيقوم نظام Parksense بخفض مستوى صوت الراديو، إذا كان قيد التشغيل عند إصدار النظام لنغمة صوتية. ستصدر نغمة صوتية فقط في حالة وجود تصادم محتمل.

المستشعرات الأمامية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متوفر، يلزم إجراء الصيانة) لمدة خمس ثوان. بَعد خمس ثوان، ستظهر صورة سيارة مع كلمة "UNAVAILABLE" (غير متوفر) إما على موضع المستشعر الأمامي أو الخلفي بناءً على موضع اكتشاف العطل. سوف يستمر النظام في تقديم تنبيهات على هيئة أقواس للجانب الذي يعمل بشكل صحيح. ستقطع التنبيهات على شكل أقواس رسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الأمامية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متوفر، يلزم إجراء الصيانة) إذا تم اكتشاف هدف خلال فترة الثواني الخمس. وستظل صور السيارة معروضة طالما كانت السيارة في وضع REVERSE (الرجوع للخلف).

إذا ظَهرت الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام PARKSENSE غير متوفر، نظِّف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" (نظام PARKSENSE غير متوفر، نظِّف المستشعرات الأمامية) في شاشة عرض مجموعة أجهزة القياس، فتأكد من نظافة السطح الخارجي والجانب السفلي من المصد/الواجهة الخلفية و/أو المصد/الواجهة الأمامية وخلوهما من الجليد أو الثلج أو الوحل أو الأوساخ أو أي عائق آخر، ثم أدر مفتاح التشغيل. إذا استمرت الرسالة في الظهور، فراجع الوكيل المعتمد.

إذا ظَهرت الرسالة "ParkSense Unavailable Service Required" (نظام مساعد التوقف ParkSense غير متوفر، يلزم إجراء الصيانة) في شاشة مجموعة أجهزة القياس، فراجع وكيلاً معتمداً.

تنظيف نظام PARKSENSE

قم بتنظيف مستشعرات نظام ParkSense بالماء وصابون غسيل السيارات مع قطعة قماش ناعمة. لا تستخدم أقمشة خشنة أو صلبة. لا تخدش المستشعرات أو تثقبها.

احتياطات استخدام نظام PARKSENSE

ملاحظة:

- تأكد من خلو الواجهات/ المصدات في الأمام والخلف من الجليد والثلج والوحل والأوساخ والرواسب لكي يعمل نظام ParkSense (استشعار التوقف) على نحو صحيح.
- قد تؤثر المطارق التي تعمل بضغط الهواء والشاحنات الكبيرة ومصادر الذبذبات الأخرى على أداء نظام ParkSense.
- عندما يكون نظام ParkSense في وضع إيقاف التشغيل، سوف تعرض مجموعة أجهزة القياس "Parksense Off" (إيقاف تشغيل نظام Parksense). علاوة على ذلك، بمجرد إيقاف تشغيل نظام مساعد التوقف الخلفي ParkSense، سوف يظل قيد الإيقاف حتى يتم تشغيله مرة أخرى حتى إذا قمت بتدوير مفتاح التشغيل.
- عند تحريك محدد التروس إلى وضع REVERSE (الرجوع للخلف) مع إيقاف تشغيل نظام مساعد التوقف ParkSense، ستعرض مجموعة أجهزة القياس الرسالة "Parksense Off" (إيقاف تشغيل مساعد التوقف PARKSENSE) طالما كانت السيارة في وضع REVERSE (الرجوع للخلف).
- عند تشغيل نظام ParkSense، سينخفض مستوى صوت الراديو عند إصداره لنغمة صوتية.
- نظف مستشعرات نظام ParkSense بانتظام، واحرص على عدم خدشها أو إتلافها. احرص على عدم تغطية المستشعرات بالثلوج أو الرمال أو الطين أو الشحم أو القاذورات. وعدم الحرص على ذلك قد ينجم عنه عدم عمل النظام بشكل سليم. قد لا يستشعر نظام ParkSense وجود عائق أمام الواجهة/المصد أو خلفه، أو قد يعطي إشارة خاطئة عن وجود عائق أمام الواجهة/المصد أو خلفه.
- استخدم مفتاح ParkSense لإيقاف تشغيل نظام ParkSense في حالة وضع أشياء مثل حاملات الدراجات وقضبان ربط المقطورات وما شابه في نطاق 30 سم (12 بوصة) من الواجهة الخلفية/المصد. وفي حالة عدم مراعاة ذلك، قد ينجم افتراض وجود مشكلة بالمستشعر لقرب العائق، وهو الأمر الذي يتسبب في

ملاحظة:

يعمل نظام ParkSense على خفض مستوى صوت الراديو، إذا كان قيد التشغيل، عند إصدار النظام لنغمة صوتية.

تنشيط كاميرا ParkSense

إذا اكتشف نظام ParkSense وجود عائق، فسيتم عرض صورة كاميرا في الراديو. تستمر الكاميرا في العرض ما دام نظام ParkSense مستمرًا في اكتشاف أحد الأشياء. يمكن تشغيل هذا الخيار أو إيقاف تشغيله باستخدام نظام Uconnect ⇦ صفحة ٢٠٣.

التنبيهات الصوتية لمساعد التوقف الأمامي

سيقوم نظام ParkSense بإيقاف التنبيه الصوتي لمساعد التوقف الأمامي (صافرة) بعد ثلاث ثوان تقريبًا من لحظة اكتشاف عائق، والسيارة ثابتة.

إعدادات مستوى صوت الإشارة الصوتية القابلة للضبط

يمكن تحديد إعدادات مستوى صوت الصافرة الخلفية والأمامية من نظام Uconnect ⇦ صفحة ٢٠٣.

تشمل إعدادات مستوى صوت الصافرة low (منخفض) وmedium (متوسط) وhigh (عالٍ).

سوف يحتفظ نظام ParkSense بآخر حالة تهيئة معروفة خلال دورات التشغيل.

شاشة عرض تحذير نظام PARKSENSE

توجد شاشة ParkSense Warning (تحذير نظام ParkSense) داخل شاشة مجموعة أجهزة القياس ⇦ صفحة ١٠٢. وهي توفر تحذيرات بصرية تشير إلى المسافة بين اللوحة/المصد الخلفي و/أو اللوحة/المصد الأمامي والعائق المكتشف.

تمكين نظام مساعد التوقف PARKSENSE وتعطيله

يمكن تمكين نظام مساعد التوقف ParkSense وتعطيله باستخدام مفتاح ParkSense الموجود على لوحة المفاتيح في الجزء الأمامي من الكونسول المركزي، أمام محدد التروس.

عند الضغط على مفتاح ParkSense لتمكين النظام، فستعرض شاشة مجموعة أجهزة القياس حالة النظام.

عند الضغط على مفتاح نظام مساعد التوقف ParkSense لتعطيل النظام، ستعرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام مساعد التوقف PARKSENSE) لثانيتين تقريبًا. عند تحريك محدد التروس إلى وضع REVERSE (الرجوع للخلف) وتعطيل النظام، ستعرض شاشة عرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام PARKSENSE) طوال مدة بقاء السيارة في وضع REVERSE (الرجوع للخلف).

ملاحظة:

عند تعطيل نظام مساعد التوقف ParkSense، وتحريك محدد التروس إلى وضع DRIVE (القيادة)، فلن يتم عرض رسالة تحذير.

يضئ مصباح LED الخاص بمفتاح نظام مساعد التوقف ParkSense عند تعطيل نظام ParkSense أو حاجته للصيانة. ينطفئ مصباح LED الخاص بنظام ParkSense عند تمكين النظام. إذا تم الضغط على مفتاح ParkSense وكان النظام بحاجة إلى الصيانة، فسوف يومض مصباح LED الخاص بمفتاح نظام ParkSense لحظيًا، ثم يضيء مصباح LED.

صيانة نظام مساعد التوقف PARKSENSE

أثناء بدء تشغيل السيارة، وعند اكتشاف نظام ParkSense لحالة عطل، تنطلق من مجموعة أجهزة القياس إشارة صوتية واحدة، مرة عند كل دورة تشغيل، وسيعرض نافذة منبثقة. ستتضمن النافذة المنبثقة ما يصل إلى عطلين. رسَائل الأعطال المحتملة هي "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام PARKSENSE غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" (نظام PARKSENSE غير متوفر، نظف المستشعرات الأمامية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام PARKSENSE غير متوفر، الصيانة مطلوبة). يتم عرض الرسالة المنبثقة لمدة خمس ثوان.

وَعند تحريك محدد التروس إلى وضع REVERSE (الرجوع للخلف) واكتشاف النظام وجود حالة عطل، ستعرض شاشة عرض مجموعة أجهزة القياس الرسالة المنبثقة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف

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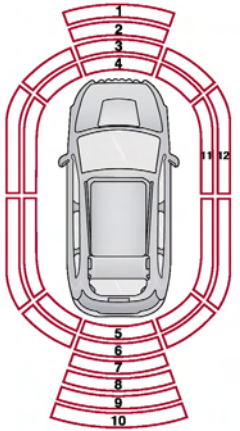
إنذارات التحذير الخلفية							
المسافة الخلفية (سم/بوصة)	أكبر من 200 سم (79 بوصة)	150-200 سم (59-79 بوصة)	120-150 سم (47-59 بوصة)	100-120 سم (39-47 بوصة)	65-100 سم (25-39 بوصة)	30-65 سم (12-25 بوصة)	أقل من 30 سم (12 بوصة)
التنبيه الصوتي إشارة صوتية	None (لا شيء)	نغمة واحدة لمدة نصف ثانية	بطيء	بطيء	سريع	سريع	مستمرة
الأقواس - اليسرى	None (لا شيء)	None (لا شيء)	None (لا شيء)	None (لا شيء)	None (لا شيء)	السادس الوامض	الخامس الوامض
الأقواس - المنتصف	None (لا شيء)	العاشر الثابت	التاسع الثابت	الثامن الثابت	السابع الوامض	السادس الوامض	الخامس الوامض
الأقواس - اليمنى	None (لا شيء)	None (لا شيء)	None (لا شيء)	None (لا شيء)	None (لا شيء)	السادس الوامض	الخامس الوامض
يتم خفض مستوى صوت الراديو	No (لا)	نعم	نعم	نعم	نعم	نعم	نعم

إنذارات التحذير الأمامية					
المسافة الأمامية (سم/بوصات)	أكبر من 120 سم (47 بوصة)	100-120 سم (39-47 بوصة)	65-100 سم (25-39 بوصة)	30-65 سم (12-25 بوصة)	أقل من 30 سم (12 بوصة)
التنبيه الصوتي إشارة صوتية	None (لا شيء)	None (لا شيء)	None (لا شيء)	سريع	مستمرة
الأقواس - اليسرى	None (لا شيء)	None (لا شيء)	None (لا شيء)	الوميض الثالث	الرابع الوامض
الأقواس - المنتصف	None (لا شيء)	الأول الثابت	الوميض الثاني	الوميض الثالث	الرابع الوامض
الأقواس - اليمنى	None (لا شيء)	None (لا شيء)	None (لا شيء)	الوميض الثالث	الرابع الوامض
يتم خفض مستوى صوت الراديو	No (لا)	No (لا)	No (لا)	نعم	نعم



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أقواس نظام مساعد التوقف ParkSense الأمامية/الخلفية/الجانبية

1 — لا توجد نغمة/قوس ثابت
2 — لا توجد نغمة/قوس وامض
3 — نغمة سريعة/قوس وامض
4 — نغمة مستمرة/قوس وامض
5 — نغمة مستمرة/قوس وامض
6 — نغمة سريعة/قوس وامض
7 — نغمة سريعة/قوس وامض
8 — نغمة بطيئة/قوس ثابت
9 — نغمة بطيئة/قوس ثابت
10 — نغمة صوتية لمدة نصف ثانية/قوس ثابت
11 — نغمة مستمرة/أقواس وامضة
12 — نغمة سريعة/أقواس وامضة

تصبح السيارة قريبة من العائق عندما تعرض شاشة عرض مجموعة أجهزة القياس قوسًا واحدًا وامضًا وتصدر نغمة متواصلة. يعرض الجدول التالي عملية تنبيه التحذير عند اكتشاف النظام لوجود عائق:

يمكن أن ينشط نظام مساعد التوقف ParkSense فقط في حال كان محدد التروس في وضع REVERSE (الرجوع للخلف) أو DRIVE (القيادة). إذا تم تمكين نظام مساعد التوقف ParkSense في أحد أوضاع محدد التروس هذه، فسيصبح النظام نشطًا حتى تزداد سرعة السيارة إلى ما يقرب من 11 كم/ساعة (7 أميال/ساعة) أو أكثر. ينشط النظام مرة أخرى إذا انخفضت سرعة السيارة إلى أقل من 9 كم/ساعة (6 أميال/ساعة) تقريبًا. سيظهر تحذير مرئي في شاشة عرض مجموعة أجهزة القياس إذا كانت السيارة في وضع REVERSE (الرجوع للخلف) وكانت السرعة تتجاوز 7 أميال/الساعة (11 كم/الساعة).

مستشعرات نظام PARKSENSE

تقوم مستشعرات ParkSense الأربعة الموجودة في الواجهة الخلفية/المصد، ومستشعرات ParkSense الستة الموجودة في الواجهة الأمامية/المصد بمراقبة المنطقة أمام السيارة وخلفها والتي تكون ضمن مجال رؤية المستشعرات. يمكن للمستشعرات الأمامية اكتشاف العوائق من مسافات تصل إلى 30 سم (12 بوصة تقريبًا) وحتى 120 سم (47 بوصة) تقريبًا من الواجهة/المصد في الأمام. يمكن للمستشعرات الخلفية اكتشاف العوائق من مسافات تصل إلى 30 سم (12 بوصة تقريبًا) وحتى 200 سم (79 بوصة) من الواجهة/المصد في الخلف. تعتمد تلك المسافات على موقع ونوع واتجاه العقبة في الاتجاه الأفقي.

ملاحظة:

إذا كانت السيارة مزودة بنظام مساعد التوقف النشط ParkSense، فستكون هناك ستة مستشعرات لنظام ParkSense في الواجهة الخلفية/المصد.

شاشة عرض نظام PARKSENSE

سيتم تشغيل شاشة عرض التحذيرات لتوضيح حالة النظام عندما تكون السيارة في وضع REVERSE (الرجوع إلى الخلف)، أو وضع DRIVE (القيادة)، وعند اكتشاف العوائق.

سيشير النظام إلى عائق تم اكتشافه من خلال عرض قوس مفرد في يسار و/أو يمين المنطقة الأمامية أو الخلفية بناءً على مسافة الهدف والموقع النسبي للسيارة.

في حالة اكتشاف هدف في يسار و/أو يمين المنطقة الخلفية، ستعرض الشاشة قوسً مفردًا في يسار و/أو يمين المنطقة الخلفية وسيُصدر النظام نغمة. عند اقتراب السيارة من الجسم ستعرض الشاشة قوسًا واحدًا يتحرك بالقرب من السيارة وستتغير النغمة من نغمة واحدة لمدة نصف ثانية إلى نغمة بطيئة ثم إلى نغمة سريعة ثم إلى نغمة مستمرة.

الأجسام والسيارات الثابتة

لا تتفاعل وحدة التحكم في السرعة الثابتة المهايئة مع الأجسام أو السيارات الثابتة. فلن تتفاعل وحدة التحكم في السرعة الثابتة المهايئة مثلا مع مواقف تخرج فيها السيارة التي تتبعها من حارتك المرورية وتتوقف السيارة التي أمامها. لأنها ستعتبر هذه السيارة المتوقفة جسمًا ثابتًا لأنها لم تكتشف منها حركة سابقًا. كن منتبهًا دائمًا ومستعدًا لاستعمال الفرامل إذا لزم الأمر.

مثال على الجسم الثابت والسيارة الثابتة

نظام المساعدة في الركن الأمامي/الخلفي PARKSENSE - إذا كان مُجهزًا

يعمل نظام مساعد التوقف ParkSense على عرض إشارات مرئية وصوتية للمسافة الواقعة بين الواجهة/المصد الخلفي والأمامي والعائق الذي تم اكتشافه عند الرجوع للخلف أو السير للأمام (أثناء مناورة التوقف مثلاً). قد يتم تشغيل فرامل السيارة أوتوماتيكيًا وتحريرها عند تنفيذ مناورة التوقف والرجوع للخلف إذا اكتشف النظام احتمالية حدوث تصادم مع أحد العوائق.

ملاحظة:

- بإمكان السائق تعطيل وظيفة الفرامل الأوتوماتيكية عن طريق إيقاف تشغيل مساعد التوقف ParkSense بواسطة مفتاح ParkSense. كما يمكن للسائق أيضًا تجاوز الفرامل الأوتوماتيكية بتغيير الترس أو بالضغط على دواسة الوقود لأكثر من 90% من قدرتها أثناء الفرملة.
- لا تتوفر ميزة الفرامل الأوتوماتيكية إذا كانت السيارة في وضع 4WD Low (الدفع الرباعي المنخفض).
- لن تتوفر الفرامل الأوتوماتيكية في حالة اكتشاف عطل في نظام مساعد التوقف ParkSense أو وحدة نظام الفرامل.
- قد يتم تشغيل وظيفة الفرامل الأوتوماتيكية فقط إذا كان تباطؤ السيارة غير كافٍ لتجنب التصادم بعائق تم اكتشافه.
- قد لا يتم تشغيل وظيفة الفرامل الأوتوماتيكية بسرعة كافية بالنسبة للعوائق التي تتحرك في اتجاه مؤخرة السيارة من الجانبين الأيسر و/أو الأيمن.
- يمكن تمكين/تعطيل وظيفة الفرامل الأوتوماتيكية من قسم الميزات القابلة للبرمجة بواسطة العميل من نظام Uconnect.
- سوف يحتفظ نظام ParkSense بآخر حالة تهيئة معروفة لوظيفة الفرامل الأوتوماتيكية خلال دورات التشغيل.

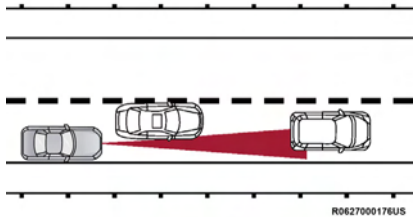
تهدف وظيفة الفرامل الأوتوماتيكية إلى مساعدة السائق على تفادي التصادمات المحتملة مع العوائق التي يتم اكتشافها عند الرجوع للخلف باستخدام ترس REVERSE (الرجوع للخلف).

ملاحظة:

- إن النظام يوفر المساعدة للسائق ولا يعد بديلاً عن السائق.
- يجب أن يظل السائق متحكمًا بالكامل في تسارع السيارة والفرامل وهو المسؤول عن تحركات السيارة.

للاطلاع على القيود والتوصيات بخصوص هذا النظام، ارجع إلى ⇦ صفحة ١٦٤.

سيحتفظ نظام ParkSense بآخر حالة للنظام (سواء كان مُمكنًا أم مُعطلاً) من آخر دورة تشغيل عند تغيير وضع التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).



مثال على ظروف القيادة الجانبية

الانعطافات والالتواءات

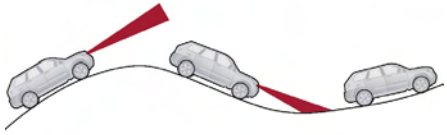
عند القيادة على منحنى مع تعشيق وحدة التحكم في السرعة الثابتة المهايئة (ACC)، يمكن أن يزيد النظام من سرعة السيارة أو يخفضها للحفاظ على الاستقرار، مع عدم اكتشاف سيارة أمامك. وبمجرد خروج السيارة من المنحنى يستأنف النظام السرعة المعينة الأصلية. ويعد هذا جزءًا من وظيفة نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).

ملاحظة:

في الانعطافات الضيقة، قد يكون أداء وحدة التحكم في السرعة الثابتة المهايئة (ACC) محدودًا.

استخدام وحدة التحكم في السرعة الثابتة المهايئة على المرتفعات

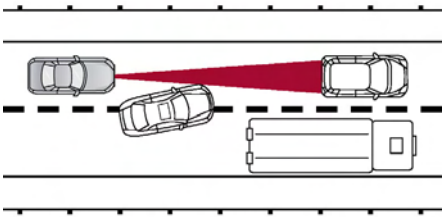
قد يكون أداء وحدة التحكم في السرعة الثابتة المهايئة (ACC) محدودًا عند القيادة على التلال. قد لا تكتشف وحدة التحكم في السرعة الثابتة المهايئة (ACC) سيارة في حارتك، بناءً على سرعة سيارتك وطريق السيارة وظروف حركة المرور ودرجة انحدار المرتفع.



مثال على وحدة التحكم في السرعة الثابتة المهايئة (ACC) على المرتفعات

تغيير الحارة

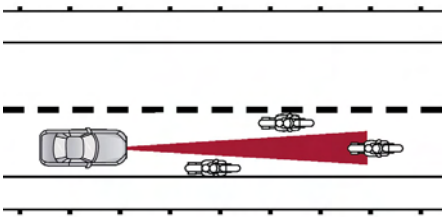
قد لا تكتشف وحدة التحكم في السرعة الثابتة المهايئة (ACC) سيارة أمامك حتى تكون بالكامل في الحارة التي تسير فيها تمامًا. في مثال تغيير حارة السير التالي، لم تكتشف وحدة التحكم في السرعة الثابتة المهايئة (ACC) السيارة التي تقوم بتغيير حاراتها حتى الآن، وربما لن تقوم بذلك حتى يصبح من المتأخر جدًا أن يقوم نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) باتخاذ إجراء حيال ذلك. قد لا تقوم وحدة التحكم في السرعة الثابتة المهايئة (ACC) باكتشاف سيارة أمامك حتى تصبح في الحارة تمامًا. ومن ثم قد لا توجد مسافة كافية بين سيارتك وبين السيارة التي تقوم بتغيير الحارة أمامك. كن منتبهًا دائمًا ومستعدًا لاستعمال الفرامل إذا لزم الأمر.



مثال تغيير الحارة

المركبات الصغيرة

لا يتم اكتشاف بعض المركبات الصغيرة التي تسير بالقرب من الحواف الخارجية للحارة أو تدخل إلى الحارة بالقرب من حافتها، حتى تدخل بالكامل في الحارة. ومن ثم قد لا توجد مسافة كافية بينك وبين المركبة التي أمامك.



مثال المركبات الصغيرة

ملاحظة:

- في حالة ظهور رسالة "ACC Unavailable Wipe Front Radar Sensor" (وحدة التحكم في السرعة الثابتة المهايئة غير متوفرة، نظف مستشعر الرادار الأمامي) بشكل متكرر (أكثر من مرة خلال كل رحلة مثلاً) دون وجود أي ثلوج، أو مطر، أو وحل، أو أي عائق آخر، قم بإعادة ضبط محاذاة مستشعر الرادار لدى الوكيل المعتمد.
- لا يُنصح بتركيب جرافة ثلج أو واق في مقدمة السيارة أو شبكة بديلة أو تعديل الشبكة. حيث يؤدي ذلك إلى إعاقة المستشعر ومنع تشغيل وحدة التحكم في السرعة الثابتة المهايئة.

تحذير "CLEAN FRONT WINDSHIELD" (نظف الزجاج الأمامي)

سوف يظهر تحذير "ACC Limited Functionality Clean Front Windshield" (وظائف وحدة التحكم في السرعة الثابتة المهايئة مقيدة، نظف الزجاج الأمامي) وستصدر إشارة صوتية عند وجود حالات تقيد أداء النظام بصورة مؤقتة. وغالبًا ما يحدث ذلك عندما تكون الرؤية سيئة، كما هو الحال عند سقوط الجليد أو الأمطار الغزيرة والضباب. قد لا يتوفر أيضًا نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) بشكل مؤقت نتيجة لوجود عوائق مثل الطين أو الأوساخ أو الثلج على الزجاج الأمامي والضباب على الجزء الداخلي من الزجاج. في هذه الحالات، تعرض شاشة عرض مجموعة أجهزة القياس الرسالة "ACC Limited Functionality Clean Front Windshield" (وظائف وحدة التحكم في السرعة الثابتة المهايئة مقيدة، نظف الزجاج الأمامي) وسيتدهور أداء النظام.

يمكن عرض هذه الرسالة أحيانًا أثناء القيادة في ظروف الطقس القاسية. ويستعيد نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) وضعه الطبيعي بعد تجاوز السيارة لهذه المناطق. قد يظهر هذا التحذير مؤقتًا، في حالات نادرة، عندما لا تتعقب الكاميرا أية سيارات أو أجسام في مسارها.

إذا لم تكن ظروف الطريق من العوامل المؤثرة على الوحدة، يجب على السائق فحص الزجاج الأمامي والكاميرا الموجودة على الجانب الخلفي من مرآة الرؤية الخلفية الداخلية. قد يحتاج إلى التنظيف أو إزالة العوائق.

عندما يزول الظرف الذي أوجد أداء وظيفي محدود للنظام، سوف يستعيد النظام كامل أدائه الوظيفي.

ملاحظة:

في حالة تكرار عرض الرسالة "ACC Limited Functionality Clean Front Windshield" (وظائف وحدة التحكم في السرعة الثابتة المهايئة مقيدة، نظف الزجاج الأمامي) (على سبيل المثال، أكثر من مرة في كل رحلة) دون وجود أي جليد أو أمطار أو طين أو أي عوائق أخرى، اطلب فحص الزجاج الأمامي والكاميرا الأمامية لدى وكيل معتمد.

تحذير صيانة وحدة التحكم في السرعة الثابتة المهايئة (ACC)

إذا تم إيقاف تشغيل النظام، وكانت قراءة شاشة عرض مجموعة أجهزة القياس "ACC Unavailable Service Required" (وحدة التحكم في السرعة الثابتة المهايئة غير متوفرة، يلزم إجراء الصيانة) أو "Cruise Unavailable Service Required" (السرعة الثابتة غير متوفرة، يلزم إجراء الصيانة)، فقد يكون هناك عطل داخلي بالنظام أو عطل مؤقت يقيد وظيفة وحدة التحكم في السرعة الثابتة المهايئة (ACC). ورغم إمكانية قيادة السيارة في الظروف العادية، فلن تتوفر وحدة التحكم في السرعة الثابتة المهايئة بشكل مؤقت. إذا حدث ذلك، فحاول تنشيط وحدة التحكم في السرعة الثابتة المهايئة (ACC) لاحقًا في دورة تشغيل جديدة. إذا استمرت المشكلة، فراجع الوكيل المعتمد.

احتياطات عند القيادة مع تشغيل وحدة التحكم في السرعة الثابتة المهايئة

في بعض ظروف القيادة، قد يحدث بوحدة التحكم في السرعة الثابتة المهايئة مشاكل في الاكتشاف. وفي هذه الحالات، قد تقوم وحدة التحكم في السرعة الثابتة المهايئة باستعمال الفرامل في وقت متأخر أو بشكل غير متوقع. يجب أن يظل السائق منتبهًا وقد يحتاج إلى التدخل. فيما يلي أمثلة لهذه الأنواع من المواقف:

سحب مقطورة

يوصى باستخدام وحدة التحكم في السرعة الثابتة المهايئة (ACC) مع وحدة التحكم في فرامل المقطورة المدمجة. لن تقوم وحدات التحكم في فرامل المقطورة التجارية بتنشيط فرامل المقطورة عندما تقوم وحدة التحكم في السرعة الثابتة المهايئة (ACC) بالفرملة.

القيادة الجانبية

قد لا تكتشف وحدة التحكم في السرعة الثابتة المهايئة (ACC) سيارة في نفس حارة سيارتك تسير في جانب بعيد عن مسار سيارتك المباشر أو سيارة قادمة من حارة جانبية. ومن ثم قد لا توجد مسافة كافية بينك وبين المركبة التي أمامك. قد تدخل السيارة التي تسير في الجانب إلى مسار سيارتك المباشر أو تخرج منه، مما قد يتسبب في قيام سيارتك بالفرملة أو التسريع بشكل غير متوقع.

تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) عند التوقف

في حال أوقف نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) السيارة أثناء اتباع سيارة أمامية، ستستأنف سيارتك الحركة من دون الحاجة إلى أي تفاعل من قبل السائق إذا بدأت السيارة الأمامية بالتحرك في غضون ثانيتين من توقف سيارتك.

إذا لم تبدأ السيارة في الأمام التحرك خلال ثانيتين من توقف سيارتك، فسيكون على السائق إما الضغط على زر RES (استئناف) أو استخدم دواسة الوقود لإعادة تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) على السرعة المضبوطة الحالية.

ملاحظة:

- إذا توقفت سيارتك تمامًا لمدة تزيد عن ثانيتين، فسيتوقف النظام عن الضغط على الفرامل لمدة تصل إلى 10 دقائق. إذا لم يتم اتخاذ أي إجراء من جانب السائق بعد مرور 10 دقائق، فسيتم تعشيق فرامل التوقف الكهربية وسيتم إلغاء نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).
- بينما يبقي نظام التحكم في السرعة الثابتة التكيفي (ACC) سيارتك متوقفة أو يبقيها تتحرك بسرعة أقل من 5 كم/ساعة (3 أميال/ساعة)، وبينما يكون حزام أمان السائق مفكوكًا أو باب السائق مفتوحًا، سيتم تعشيق فرامل التوقف الكهربية وسيُلغى نظام وحدة التحكم في السرعة الثابتة التكيفي (ACC).

تحذير!
عندما تستأنف وحدة التحكم في السرعة الثابتة المهايئة (ACC) العمل، يتوجب على السائق التأكد من عدم وجود مشاة أو سيارات أو أجسام في مسار السيارة. قد يتسبب عدم اتباعك لهذه التحذيرات في حدوث تصادم والوفاة أو حدوث إصابات خطيرة.

تحذيرات شاشة العرض والصيانة

تحذير "تنظيف مستشعر الرادار الأمامي في مقدمة السيارة"

سيتم عرض تحذير "ACC Unavailable Wipe Front Radar Sensor" (وحدة التحكم في السرعة الثابتة المهايئة غير متوفرة، نظف مستشعر الرادار الأمامي)، وستصدر إشارة صوتية عند وجود حالات تقيد أداء النظام بصورة مؤقتة.

وغالبًا ما يحدث ذلك عندما تكون الرؤية سيئة، كما هو الحال عند سقوط الجليد أو الأمطار الغزيرة. قد لا يتوفر أيضًا نظام وحدة التحكم في السرعة الثابتة المهايئة بشكل مؤقت نتيجة لوجود عوائق مثل الطين أو الأوساخ أو الثلج. في هذه الحالات، ستعرض شاشة عرض مجموعة أجهزة القياس هذه الرسالة وسيتم إلغاء تنشيط النظام.

قد يتم عرض هذه الرسالة أحيانًا أثناء القيادة في منطقة ذات مستوى عالٍ من الانعكاس (مثل الثلج والجليد، أو الأنفاق التي تشتمل على بلاطات عاكسة). ويستعيد نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) وضعه الطبيعي بعد تجاوز السيارة لهذه المناطق. قد يظهر هذا التحذير مؤقتًا، في حالات نادرة، عندما لا يتعقب الرادار أي سيارات أو كائنات في مساره.

ملاحظة:

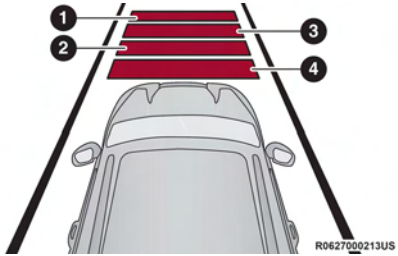
إذا كان التحذير "ACC Unavailable Wipe Front Radar Sensor" (وحدة التحكم في السرعة الثابتة المهايئة غير متوفرة، نظف مستشعر الرادار الأمامي) نشطًا، فهذا يعني أن التحكم بالسرعة الثابتة لا يزال متاحًا.

إذا لم تكن ظروف الطريق من العوامل المؤثرة على الوحدة، فيجب على السائق اختبار جهاز الاستشعار. فقد يحتاج إلى التنظيف أو إزالة العوائق. يقع المستشعر في مركز السيارة خلف الشبكة السفلى.

للاحتفاظ بالتشغيل الصحيح لنظام وحدة التحكم في السرعة الثابتة المهايئة، من المهم ملاحظة بنود الصيانة التالية:

- احتفظ دائمًا بالمستشعر نظيفًا. امسح عدسة المستشعر بحرص باستخدام قطعة قماش ناعمة. احرص على عدم إتلاف عدسة المستشعر.
- لا تقم بإزالة أي مسامير من المستشعر. فقد يؤدي القيام بذلك إلى حدوث عطل أو خلل في نظام وحدة التحكم في السرعة الثابتة المهايئة ويتطلب إعادة محاذاة جهاز الاستشعار.
- في حالة تلف المستشعر أو مقدمة السيارة بسبب حدوث تصادم، راجع الوكيل المعتمد لطلب الصيانة.
- لا تقم بتركيب أو تثبيت أي ملحقات بالقرب من جهاز الاستشعار، بما في ذلك المواد الشفافة أو الشبكات البديلة. فقد يؤدي القيام بذلك إلى خلل أو عطل نظام وحدة التحكم في السرعة الثابتة المهايئة.

عندما يزول الظرف التي تسبب في تعطيل النظام، سيعود النظام إلى حالة "إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة" وسيستأنف العمل عن طريق إعادة تشغيل الوحدة.



إعدادات المسافة

1 — إعداد أطول مسافة (أربعة أشرطة)
2 — إعداد مسافة متوسطة (شرطتان)
3 — إعداد مسافة طويلة (ثلاث شرطات)
4 — إعداد مسافة قصيرة (شرطة واحدة)

لزيادة إعداد المسافة، اضغط على زر Distance Increase (زيادة المسافة) وحرره. في كل مرة يتم فيها الضغط على الزر، يزيد إعداد المسافة بمقدار شريط واحد (الأطول).

لخفض إعداد المسافة، اضغط على زر Distance Decrease (خفض المسافة) وحرره. في كل مرة يتم فيها الضغط على الزر، ينقص إعداد المسافة بمقدار شريط واحد (الأقصر).

إذا لم تكن هناك سيارة أمامك، فستحتفظ السيارة بالسرعة المضبوطة. في حالة اكتشاف سيارة تسير بسرعة أبطأ في الحارة نفسها، تعرض شاشة مجموعة أجهزة القياس "ACC Set With Target Indicator Light" (ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC) مع ضوء مؤشر اكتشاف هدف)، وسيقوم النظام بضبط سرعة السيارة أوتوماتيكيًا للاحتفاظ بإعداد المسافة، بغض النظر عن السرعة المضبوطة.

ستحتفظ السيارة حينئذ بالمسافة المضبوطة حتى:

- تُسرع السيارة التي أمامك إلى سرعة أعلى من السرعة المضبوطة.
- تخرج السيارة التي أمامك من حارتك أو تخرج من نطاق رؤية جهاز الاستشعار.
- يتغير إعداد المسافة.
- يتم إيقاف النظام ⇦ صفحة ١٥٠.

تعتبر أقصى فرملة تستعملها وحدة التحكم في السرعة الثابتة المهايئة محدودة ولكن السائق يمكنه دائمًا استعمال الفرامل يدويًا، إذا لزم الأمر.

ملاحظة:

تضئ أضواء الفرامل في أي وقت تستعمل فيه وحدة التحكم في السرعة الثابتة المهايئة الفرامل.

يوجد تحذير من الاقتراب ينبه السائق إذا اكتشفت وحدة التحكم في السرعة الثابتة المهايئة أن أقصى مستوى للفرملة الخاصة بها غير كاف للاحتفاظ بالمسافة المضبوطة. إذا حدث ذلك، فسيومض تنبيه مرئي "BRAKE!" (الفرامل) في شاشة عرض مجموعة أجهزة القياس وستصدر إشارة صوتية مع استمرار وحدة التحكم في السرعة الثابتة المهايئة (ACC) في استخدام أقصى فرملة لديها.

ملاحظة:

يُعد ظهور شاشة "BRAKE!" (الفرامل!) في شاشة عرض مجموعة أجهزة القياس تحذيرًا للسائق ليقوم باتخاذ إجراء، وهذا لا يعني بالضرورة أن نظام تحذير التصادم الأمامي يستخدم الفرامل بشكل مستقل.

مساعد التجاوز

عند القيادة أثناء تشغيل نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) واتباع سيارة، سوف يقوم النظام بتوفير تسارع إضافي للسرعة الثابتة المهايئة للمساعدة في تجاوز السيارة الموجودة أمامك. في المواقع التي يوجد بها ازدحام مروري على الجانب الأيسر، تكون ميزة مساعد التجاوز نشطة فقط عند المرور بالجانب الأيسر. في المواقع التي يوجد بها ازدحام مروري على الجانب الأيمن، يحدث تسارع إضافي عندما يستخدم السائق إشارة الانعطاف إلى اليمين وتكون نشطة فقط عند المرور بالجانب الأيمن.

ملاحظة:

عند انتقال السيارة من موقع به ازدحام مروري على الجانب الأيسر إلى موقع به ازدحام مروري على الجانب الأيمن أو العكس، سوف يقوم نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) تلقائيًا باكتشاف اتجاه المرور.

ملاحظة:

- إذا توقفت سيارتك تمامًا لفترة تزيد عن ثانيتين وكانت في وضع وحدة التحكم في السرعة الثابتة المهايئة (ACC)، فعندئذٍ سيكون على السائق الضغط على زر RES (استئناف) أو الضغط على دواسة الوقود لإعادة تشغيل نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).
- لا يمكن استئناف وحدة التحكم في السرعة الثابتة المهايئة (ACC) في حالة وجود سيارة ثابتة شديدة القرب أمام سيارتك.

تحذير!
يجب عدم استخدام وظيفة الاستئناف إلا إذا سمحت ظروف المرور والطريق بذلك فقط. يؤدي استئناف سرعة عالية للغاية أو منخفضة للغاية بالنسبة لحركة المرور وظروف الطريق السائدة إلى جعل السيارة تسرع أو تبطئ بصورة عنيفة للغاية مما يؤثر على التشغيل الآمن. قد يتسبب عدم اتباعك لهذه التحذيرات في حدوث تصادم والوفاة أو حدوث إصابات خطيرة.

تغيير إعداد السرعة

لزيادة أو خفض السرعة المضبوطة

بعد ضبط السرعة، يمكنك زيادة السرعة بالضغط على زر SET (ضبط) **(+)**، أو خفض السرعة بالضغط على زر SET (ضبط) **(-)**.

السرعة بنظام الوحدات بالولايات المتحدة (ميل/ساعة)

- يؤدي الضغط على زر SET (ضبط) **(+)** أو SET (ضبط) **(-)** مرة واحدة إلى ضبط السرعة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى على الزر إلى الضبط بمقدار 1 ميل/الساعة.
- إذا استمر الضغط على الزر، فسيستمر ضبط السرعة المضبوطة بزيادات قدرها 5 أميال/الساعة حتى يتم تحرير الزر. تنعكس السرعة الجديدة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

السرعة بنظام الوحدات المترية (كم/ساعة)

- يؤدي الضغط على زر SET (ضبط) **(+)** أو SET (ضبط) **(-)** مرة واحدة إلى ضبط السرعة بمقدار 1 كم/الساعة. وتؤدي كل ضغطة لاحقة على الزر إلى الضبط بمقدار 1 كم/ساعة.
- إذا استمر الضغط على الزر، فسيستمر ضبط السرعة المضبوطة بزيادات قدرها 10 كم/ساعة حتى يتم تحرير الزر. تنعكس السرعة الجديدة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

ملاحظة:

عندما تقوم بالتجاوز والضغط على زر الضبط SET **(+)** أو زر الضبط SET **(-)**، ستكون السرعة المضبوطة الجديدة هي السرعة الحالية للسيارة.

عندما تكون وحدة التحكم في السرعة الثابتة المهايئة نشطة

- عند استخدام زر SET **(-)** لخفض السرعة، إذا لم تقم قدرة فرملة المحرك بإبطاء السيارة بشكل كاف للوصول إلى السرعة المضبوطة، فسيعمل نظام الفرامل على إبطاء السيارة أوتوماتيكيًا.
- يقوم نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) بخفض سرعة السيارة حتى يتم التوقف الكامل عند اتباع السيارة في الأمام. إذا كانت سيارتك تتبع السيارة في الأمام حتى التوقف، فسيتعين على السائق بعد ثانيتين إما الضغط على زر RES (استئناف) أو استخدم دواسة الوقود لإعادة تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) إلى السرعة المضبوطة الحالية.
- يحتفظ نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) بالسرعة المضبوطة عند صعود التلال والهبوط منها. ولكن يحدث تغيير بسيط في السرعة عند صعود التلال غير المرتفعة كثيرًا وهذا أمر عادي. بالإضافة إلى ذلك، قد يحدث نقل إلى التروس المنخفضة أثناء صعود التلال أو الهبوط منها. وهذا أمر عادي وضروري للاحتفاظ بالسرعة المضبوطة. عند صعود التلال والهبوط منها، سيتم إلغاء نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) إذا تجاوزت درجة حرارة الفرامل النطاق الطبيعي (سخونة زائدة).

ضبط المسافة التالية في وحدة التحكم في السرعة الثابتة المهايئة

يمكن ضبط المسافة التالية المحددة لوحدة التحكم في السرعة الثابتة المهايئة (ACC) عن طريق تغيير إعداد المسافة بين أربعة أشرطة (الأطول) وثلاثة أشرطة (الطويلة) وشريطين (المتوسطة) وشريط واحد (المنخفضة). باستخدام إعداد المسافة وسرعة السيارة، تقوم وحدة التحكم في السرعة الثابتة المهايئة بحساب وضبط المسافة بين سيارتك والسيارة التي أمامها. يظهر إعداد المسافة هذا في شاشة عرض مجموعة أجهزة القياس.

السرعة الثابتة المهايئة (ACC) والذي يعمل على إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) ووضع التحكم بالسرعة الثابتة. يؤدي الضغط على زر تشغيل/إيقاف تشغيل التحكم في السرعة الثابتة إلى تشغيل (التغيير إلى) وضع التحكم في السرعة الثابتة.

تحذير!
في وضع التحكم في السرعة الثابتة، لن يتفاعل النظام مع السيارات في الأمام. وبالإضافة إلى ذلك، لا يتم تنشيط التحذير من الاقتراب ولن يصدر أي صوت تنبيه حتى إذا كنت قريبًا جدًا من السيارة التي أمامك لأنه لم يتم كشف السيارة التي أمامك ولا المسافة بينها وبين سيارتك. تأكد من المحافظة على مسافة أمان بين سيارتك والسيارة التي أمامك. تأكد دومًا أي من الوضعين تم تحديده.

إذا تم ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC) عندما تكون سرعة السيارة **أقل** من 30 كم/ساعة (19 ميلاً/الساعة)، فسوف يتم ضبط السرعة المضبوطة بصورة افتراضية على 30 كم/ساعة (19 ميلاً/الساعة).

ملاحظة:

لا يمكن ضبط نظام التحكم في السرعة الثابتة على أقل من 30 كم/الساعة (19 ميلاً/الساعة).

إذا تم ضبط النظام عند وصول سرعة السيارة إلى **أكثر** من 30 كم/ساعة (19 ميلاً/الساعة)، فستكون السرعة المضبوطة هي السرعة الحالية للسيارة.

ملاحظة:

- قد يتسبب الاستمرار في وضع قدمك على دواسة الوقود في استمرار زيادة سرعة السيارة بعد السرعة المضبوطة. إذا حدث ذلك، فسيتم عرض الرسالة "Driver Override" (تجاوز السائق) في شاشة عرض مجموعة أجهزة القياس.
- إذا استمررت في زيادة السرعة بعد السرعة المضبوطة عندما تكون وحدة التحكم في السرعة الثابتة المهايئة (ACC) ممكنة أيضًا، فلن يتحكم النظام في المسافة بين سيارتك والسيارة التي أمامك. سيتم تحديد سرعة السيارة عن طريق وضع دواسة البنزين فقط.

للإلغاء

تؤدي الظروف التالية إلى إلغاء نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) أو نظام التحكم في السرعة الثابتة:

- استخدام دواسة الفرامل
- تم الضغط على زر CANC (إلغاء)
- تنشيط نظام الفرامل المانعة للانغلاق (ABS)
- إخراج محدد التروس من وضع القيادة
- تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/نظام التحكم في الجر (TCS)
- استخدام فرامل التوقف بالسيارة
- تنشيط نظام التحكم في تأرجح المقطورة (TSC)
- قيام السائق بضبط نظام التحكم في الاستقرار الإلكتروني (ESC) على وضع الإيقاف الكامل
- إذا تجاوزت درجة حرارة الفرامل النطاق الطبيعي (سخونة زائدة)

ستؤدي الظروف التالية إلى إلغاء نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) فقط:

- حزام مقعد السائق غير مربوط عند القيادة بسرعات منخفضة
- باب السائق مفتوح عند القيادة بسرعات منخفضة

لإيقاف التشغيل

سيتم إيقاف تشغيل النظام ومسح السرعة المضبوطة في الذاكرة إذا قمت بما يلي:

- الضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)
- الضغط على زر تشغيل/إيقاف تشغيل نظام التحكم في السرعة الثابتة (إذا كانت السيارة مزوّدة بذلك)
- إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل)
- تشغيل 4WD Low (الدفع الرباعي المنخفض)

للاستئناف

في حالة وجود سرعة مضبوطة في الذاكرة، اضغط على زر RES (استئناف) وارفع قدمك عن دواسة الوقود. ستعرض شاشة عرض مجموعة أجهزة القياس آخر سرعة تم ضبطها.

يمكن استخدام الاستئناف عند أي سرعة تزيد عن 20 ميلاً في الساعة (32 كم/الساعة) عند استخدام نظام التحكم في السرعة الثابتة فقط.

يمكن استئناف السرعة أثناء القيادة بأي سرعة تزيد عن 0 كم/ساعة (0 ميل/ساعة) عندما تكون وحدة التحكم في السرعة الثابتة المهايئة (ACC) نشطة.

عند ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، ستظهر السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

قد يتم عرض شاشة وحدة التحكم في السرعة الثابتة المهايئة (ACC) مرة أخرى في حالة حدوث أي من أنشطة وحدة التحكم في السرعة الثابتة المهايئة (ACC) التالية:

- إلغاء النظام
- التجاوز من قِبل السائق
- إيقاف تشغيل النظام
- تحذير الاقتراب لوحدة التحكم في السرعة الثابتة المهايئة
- تحذير عدم توفر وحدة التحكم في السرعة الثابتة المهايئة

ستعود شاشة عرض مجموعة أجهزة القياس إلى آخر شاشة عرض محددة بعد خمس ثوان من عدم وجود أي نشاط لشاشة عرض وحدة التحكم في السرعة الثابتة المهايئة (ACC).

تشغيل وحدة التحكم في السرعة الثابتة المهايئة ACC

الحد الأدنى للسرعة المضبوطة لوحدة التحكم في السرعة الثابتة المهايئة (ACC) هو 30 كم/ساعة (19 ميلاً/ساعة).

عند تشغيل النظام ووجوده في حالة الاستعداد، ستعرض شاشة عرض مجموعة أجهزة القياس "ACC Ready." (وحدة التحكم في السرعة الثابتة المهايئة جاهزة)

عند إيقاف تشغيل النظام، ستعرض شاشة عرض مجموعة أجهزة القياس "Adaptive Cruise Control (ACC) Off" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة).

ملاحظة:

لا يمكنك تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) في الحالات التالية:

- في 4WD Low (الدفع الرباعي المنخفض)
- عند استعمال الفرامل
- عند استعمال فرامل التوقف
- عندما يكون ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) أو وضع REVERSE (الرجوع للخلف) أو وضع NEUTRAL (اللاتعشيق)
- في حالة السخونة المفرطة للفرامل
- عند فتح باب السائق أثناء القيادة بسرعات منخفضة
- عند فك حزام أمان مقعد السائق أثناء القيادة بسرعات منخفضة
- في حالة وجود سيارة متوقفة بالأمام بالقرب من سيارتك
- عندما يكون وضع ESC Full Off (الإيقاف الكامل لنظام التحكم في الاستقرار الإلكتروني (ESC)) نشطًا

للتنشيط/لإلغاء التنشيط

اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)، ثم حرره. تعرض قائمة وحدة التحكم في السرعة الثابتة المهايئة (ACC) في مجموعة أجهزة القياس رسالة "ACC Ready" (وحدة التحكم في السرعة الثابتة المهايئة جاهزة.)

لإيقاف تشغيل النظام، اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)، ثم حرره مرة أخرى. في هذا الوقت، سيتم إيقاف تشغيل النظام وستعرض مجموعة أجهزة القياس رسالة "Adaptive Cruise Control (ACC) Off" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة.)

تحذير!
من الخطر ترك نظام وحدة التحكم في السرعة الثابتة المهايئة في وضع التشغيل عند عدم استخدامه. قد تقوم عن غير قصد بضبط النظام أو تتسبب في أن تجعله ينطلق أسرع مما تريد. من الممكن أن تفقد السيطرة على السيارة مما يعرضك للحوادث. اترك النظام في حالة إيقاف دائمًا طالما لا تستخدمه.

لضبط سرعة مرغوبة

عندما تصل سرعة السيارة إلى السرعة المطلوبة، اضغط على زر **(+)** SET أو زر **(-)** SET ثم حرره. ستعرض شاشة عرض مجموعة أجهزة القياس السرعة المضبوطة.

ملاحظة:

يمكن استخدام نظام التحكم في السرعة الثابتة (إذا كانت السيارة مزوّدة بذلك) بدون تمكين وحدة التحكم في السرعة الثابتة المهايئة (ACC). للتغيير بين الأوضاع المختلفة، اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في

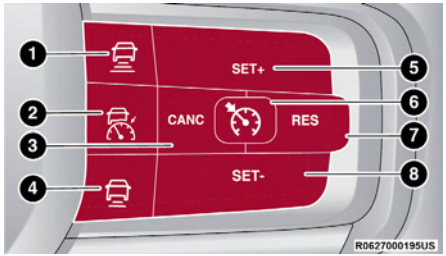
تحذير!

- لا يمكنه أخذ ظروف الشارع وحركة المرور والطقس في الاعتبار وقد يكون محدود القدرات في ظروف مسافة الرؤية الصعبة.
- لا يتعرف دائمًا بشكل كامل على ظروف القيادة المعقدة والتي قد تؤدي إلى صدور تحذيرات المسافة الخطأ أو المفقودة.
- سيؤدي إلى إيقاف السيارة بالكامل والحفاظ على السيارة في وضع التوقف لمدة 10 دقائق تقريبًا عند اتباع سيارة في الأمام. إذا لم تبدأ السيارة التي أمامك في التحرك خلال 10 دقائق، فسيتم تنشيط فرامل التوقف وسيتم إلغاء نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).

- يجب ألا تستخدم نظام وحدة التحكم في السرعة الثابتة المهايئة:
  - عند القيادة في الضباب أو في الأمطار الغزيرة أو الثلج الكثيف أو المطر المتجمد أو حركة المرور المزدحمة وفي ظروف القيادة المعقدة (على سبيل المثال، في مناطق الإنشاء في الطريق السريعة).
  - عند الدخول في مسار منعطف أو مخرج منحدر من طريق سريع؛ أو عند القيادة على طرق تهب عليها الرياح، أو طرق يكسوها الثلج أو الجليد، أو طرق زلقة أو فيها مرتفعات أو منحدرات.
  - عند سحب مقطورة أعلى أو أسفل منحدر شديد الانحدار.
  - عندما لا تتيح الظروف القيادة الآمنة بسرعة ثابتة.

تشغيل وحدة التحكم في السرعة الثابتة المهايئة

تعمل الأزرار الموجودة في الجانب الأيمن من عجلة القيادة على تشغيل نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).



أزرار التحكم في السرعة الثابتة المهايئة

1 — زر زيادة المسافة
2 — زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)
3 — CANC/إلغاء
4 — زر خفض المسافة
5 — SET(+) (الضبط (+))/Accel (التسارع)
6 — زر Fixed Speed Cruise Control On/Off (تشغيل/إيقاف تشغيل التحكم في السرعة الثابتة) (إذا كانت السيارة مزوّدة بذلك)
7 — RES/استئناف
8 — SET- (الضبط (-))/Decel (خفض السرعة)

قائمة مساعد القيادة

ستعرض شاشة عرض مجموعة أجهزة القياس إعدادات النظام الحالية لوحدة التحكم في السرعة الثابتة المهايئة (ACC)، ونظام إدارة الحارة النشطة (ALM) ونظام مساعد القيادة النشط (ADA). تعتمد المعلومات التي يعرضها على حالات أنظمة ACC وALM وADA.

اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) مرة واحدة وسيظهر ما يلي في شاشة عرض مجموعة أجهزة القياس:

Adaptive Cruise Control Off (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة)

عند إلغاء تنشيط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، ستعرض الشاشة "Adaptive Cruise Control Off" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة).

Adaptive Cruise Control Ready (وحدة التحكم في السرعة الثابتة المهايئة جاهزة)

عند تنشيط وحدة التحكم في السرعة الثابتة المهايئة مع عدم اختيار إعداد سرعة السيارة، فستعرض الشاشة "Adaptive Cruise Control Ready" (وحدة التحكم في السرعة الثابتة المهايئة جاهزة).

ضبط وحدة التحكم في السرعة الثابتة المهايئة

عند الضغط على الزر SET (ضبط) (+) أو SET (ضبط) (-)، سوف تعرض شاشة العرض الرسالة "ACC SET" (تم ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)).

يحافظ نظام التحكم في السرعة الثابتة على السرعة عند صعود أو نزول المنحدرات. يعد حدوث تغيير بسيط في السرعة عند صعود التلال غير المرتفعة كثيرًا أمرًا طبيعيًا. قد يحدث نقص أو زيادة أكبر في السرعة على المنحدرات شديدة الانحدار لذلك فإنه من الأفضل أن تقود بدون نظام التحكم في السرعة الثابتة.

تحذير!

يمكن أن يكون نظام التحكم في السرعة الثابتة خطيرًا عندما لا يستطيع النظام المحافظة على سرعة ثابتة. وقد تسير سيارتك بسرعة أكبر من اللازم بالنسبة للظروف المحيطة وقد تفقد السيطرة عليها ويقع حادث. لا تستعمل نظام التحكم في السرعة الثابتة في حالات الزحام الشديد أو في الطرق الملتوية أو المغطاة بالثلج أو الجليد أو المسببة للانزلاق.

لاستئناف السرعة

لاستئناف تشغيل السيارة على السرعة المضبوطة مسبقًا، اضغط على زر RES (الاستئناف) ثم حرره. يمكن استئناف السرعة أثناء القيادة بأي سرعة تزيد عن 32 كم/ساعة (20 ميل/ساعة).

لإلغاء التنشيط

يؤدي الضغط الخفيف على دواسة الفرامل، أو الضغط على زر CANC (إلغاء)، أو الضغط العادي على الفرامل في أثناء إبطاء السيارة إلى إلغاء تنشيط نظام التحكم في السرعة الثابتة من دون مسح السرعة المضبوطة من الذاكرة.

ستؤدي الظروف التالية أيضًا إلى إلغاء تنشيط Cruise Control (التحكم في السرعة الثابتة) من دون مسح السرعة المضبوطة من الذاكرة:

- فرامل التوقف بالسيارة معشقة
- تحدث حالة استقرار
- تحريك محدد التروس إلى خارج وضع القيادة
- تحدث زيادة في سرعة المحرك

يؤدي الضغط على زر التشغيل/إيقاف التشغيل أو إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) إلى مسح السرعة المضبوطة من الذاكرة أيضًا.

وحدة التحكم في السرعة الثابتة المهايئة (ACC)

تعمل وحدة التحكم في السرعة الثابتة المهايئة (ACC) على زيادة الراحة أثناء القيادة التي توفرها وحدة التحكم في السرعة الثابتة عند السير في الطرق السريعة والطرق الرئيسية. ولكنها لا تعتبر نظام أمان وهي غير مصممة لمنع وقوع الاصطدامات. **تعمل وظيفة التحكم في السرعة الثابتة بصورة مختلفة** ⇦ **صفحة ١٤٦.**

تتيح لك وحدة التحكم في السرعة الثابتة المهايئة (ACC) إمكانية الحفاظ على تشغيل التحكم في السرعة الثابتة في ظروف حركة المرور المعتدلة دون الحاجة الدائمة إلى إعادة ضبط وحدة التحكم في السرعة الثابتة. تستخدم وحدة التحكم في السرعة الثابتة المهايئة (ACC) كل من الكاميرا المتجهة للأمام مستشعر رادار تم تصميمه لاكتشاف السيارة التي أمامك مباشرة.

ملاحظة:

- إذا اكتشف مستشعر وحدة التحكم في السرعة الثابتة المهايئة (ACC) سيارة أمامك، فستطبق الوحدة فرملة أو تسريعًا بشكل محدود (بحيث لا يتجاوز السرعة المضبوطة الأصلية) للمحافظة على مسافة متابعة معينة مسبقًا، أثناء مطابقة سرعة السيارة التي أمامك.
- يؤدي إدخال أي تعديلات بالشاسيه/التعليق أو بحجم إطار السيارة إلى التأثير على أداء وحدة التحكم في السرعة الثابتة المهايئة ونظام تحذير التصادم الأمامي.
- في السيارات **غير** المزوّدة بنظام مساعد القيادة النشط، لن يكتشف نظام التحكم في السرعة الثابتة (عدم تمكين وحدة التحكم في السرعة الثابتة المهايئة (ACC)) السيارات الموجودة أمامك مباشرةً. انتبه دائمًا للميزة المحددة.

تحذير!

- وحدة التحكم في السرعة الثابتة المهايئة هي نظام لتوفير الراحة. وهي ليست بديلاً عن اشتراك السائق بفعالية. فمن مسئولية السائق دائمًا الانتباه للطريق وحركة المرور وأحوال الطقس وسرعة السيارة والمسافة بينه وبين السيارة التي أمامه والأهم من ذلك استعمال الفرامل لضمان التشغيل الآمن للسيارة في ظل جميع ظروف الطريق. يعتبر انتباهك الكامل مطلوب دائمًا أثناء القيادة للتحكم في السيارة بشكل آمن. قد يتسبب عدم اتباعك لهذه التحذيرات في حدوث تصادم والوفاة أو حدوث إصابات خطيرة.
- نظام وحدة التحكم في السرعة الثابتة المهايئة:
  - لا يتفاعل مع المشاة والسيارات القريبة والأشياء المتوقفة (على سبيل المثال، السيارات المتوقفة في زحام مروري أو السيارات المعطلة).

(تابع)

تحذير!

يمكن أن يكون نظام التحكم في السرعة الثابتة خطيرًا عندما لا يستطيع النظام المحافظة على سرعة ثابتة. وقد تسير سيارتك بسرعة أكبر من اللازم بالنسبة للظروف المحيطة وقد تفقد السيطرة عليها ويقع حادث. لا تستعمل نظام التحكم في السرعة الثابتة في حالات الزحام الشديد أو في الطرق الملتوية أو المغطاة بالثلج أو الجليد أو المسببة للانزلاق.

للتنشيط

اضغط على زر التشغيل/إيقاف التشغيل لتنشيط نظام Cruise Control (التحكم في السرعة الثابتة). سَتظهر الرسالة "CRUISE CONTROL READY" (وحدة التحكم في السرعة الثابتة جاهزة) على شاشة عرض مجموعة أجهزة القياس للإشارة إلى تشغيل نظام التحكم في السرعة الثابتة. لإيقاف تشغيل النظام، اضغط على زر on/off (التشغيل/إيقاف التشغيل) مرة أخرى. ستَظهر الرسالة "CRUISE CONTROL OFF" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة) على شاشة عرض مجموعة أجهزة القياس للإشارة إلى إيقاف تشغيل نظام التحكم في السرعة الثابتة. ينبغي إيقاف تشغيل النظام في حالة عدم استخدامه.

تحذير!

يعتبر ترك نظام التحكم في السرعة الثابتة في وضع التشغيل في حالة عدم استخدامه أمرًا بالغ الخطورة. قد تقوم عن غير قصد بضبط النظام أو تتسبب في أن تجعله ينطلق أسرع مما تريد. من الممكن أن تفقد السيطرة على السيارة مما يعرضك للحوادث. تأكد دائمًا من إيقاف تشغيل النظام في حال عدم استخدامه.

لضبط سرعة مرغوبة

قم بتشغيل نظام التحكم في السرعة الثابتة. عند وصول السيارة إلى السرعة المطلوبة، اضغط على زر (+) SET أو زر (-) SET ثم حرره. أطلق دواسة التعجيل وسوف تسير السيارة على السرعة المرغوبة. بمجرد ضبط السرعة، سوف تظهر رسالة CRUISE CONTROL SET TO MPH (km/h) (تم ضبط التحكم في السرعة الثابتة على كم/ساعة (ميل/ساعة)) تشير إلى السرعة التي تم ضبطها. كما يضيء ضوء مؤشر السرعة الثابتة مع ظهور السرعة المضبوطة ويظل مضاءً في مجموعة أجهزة القياس عند ضبط السرعة.

تغيير إعداد السرعة

لزيادة أو خفض السرعة المضبوطة

عند ضبط نظام التحكم في السرعة الثابتة، يمكنك زيادة السرعة بالضغط على زر SET (ضبط) **(+)**، أو خفض السرعة بالضغط على زر SET (ضبط) **(-)**.

السرعة بنظام الوحدات بالولايات المتحدة (ميل/ساعة)

- يؤدي الضغط على زر SET (ضبط) **(+)** أو SET (ضبط) **(-)** مرة واحدة إلى ضبط السرعة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى على الزر إلى الضبط بمقدار 1 ميل/الساعة.
- إذا استمر الضغط على الزر، فسيستمر ضبط السرعة المضبوطة بزيادات قدرها 5 أميال/الساعة حتى يتم تحرير الزر. تنعكس السرعة الجديدة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

السرعة بنظام الوحدات المترية (كم/ساعة)

- يؤدي الضغط على زر SET (ضبط) **(+)** أو SET (ضبط) **(-)** مرة واحدة إلى ضبط السرعة بمقدار 1 كم/الساعة. وتؤدي كل ضغطة لاحقة على الزر إلى الضبط بمقدار 1 كم/ساعة.
- إذا استمر الضغط على الزر، فسيستمر ضبط السرعة المضبوطة بزيادات قدرها 10 كم/ساعة حتى يتم تحرير الزر. تنعكس السرعة الجديدة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

لزيادة السرعة للتجاوز

عند ضبط نظام التحكم في السرعة الثابتة، اضغط على دواسة الوقود للتجاوز كما تفعل بصورة عادية. وعندما ترفع قدمك عن الدواسة تعود السرعة إلى ما كانت عليه مسبقًا.

استخدم نظام التحكم في السرعة الثابتة على التلال

قد ينتقل ناقل الحركة إلى ترس منخفض على المرتفعات للحفاظ على السرعة المضبوطة للسيارة.

لإيقاف تشغيل نظام بدء التشغيل/الإيقاف يدويًا

اضغط على مفتاح Stop/Start OFF (إيقاف تشغيل نظام الإيقاف/بدء التشغيل) (الموجود في صف المفاتيح). يضئ الضوء الموجود على المفتاح. سيتم عرض الرسالة "STOP/START OFF" (إيقاف تشغيل نظام الإيقاف/بدء التشغيل) في شاشة مجموعة أجهزة القياس وسيتم تعطيل وضع التوقف الأوتوماتيكي ⇦ صفحة ١٠٢.

مفتاح "STOP/START OFF" (إيقاف تشغيل نظام الإيقاف/بدء التشغيل)

ملاحظة:

ويقوم نظام Stop/Start (الإيقاف/بدء التشغيل) بضبط نفسه على الوضع ON (التشغيل) في كل مرة يتم فيها تدوير مفتاح التشغيل إلى OFF (إيقاف التشغيل) ثم ON (التشغيل).

لتشغيل نظام بدء التشغيل/الإيقاف يدويًا

اضغط على مفتاح Stop/Start OFF (إيقاف تشغيل نظام الإيقاف/بدء التشغيل) (الموجود في صف المفاتيح). سينطفئ الضوء على المفتاح.

عطل النظام

في حالة وجود عطل في نظام Stop/Start (الإيقاف/بدء التشغيل)، فلن يتمكن النظام من إيقاف تشغيل المحرك. تَظهر الرسالة "SERVICE STOP/START SYSTEM" (يلزم صيانة نظام الإيقاف/بدء التشغيل) ومؤشر Stop/Start (إيقاف/بدء التشغيل) باللون الأصفر في شاشة مجموعة أجهزة القياس ⇦ صفحة ١٠٢.

في حالة ظهور الرسالة "SERVICE STOP/START SYSTEM" (يلزم صيانة نظام الإيقاف/بدء التشغيل) في شاشة عرض مجموعة أجهزة القياس، افحص النظام لدى وكيل معتمد.

أنظمة التحكم في السرعة الثابتة — إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزودة بنظام التحكم في السرعة الثابتة أو نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC):

- يبقي التحكم في السرعة الثابتة السيارة على سرعة ثابتة مضبوطة مسبقًا.
- ستعدّل وحدة التحكم في السرعة الثابتة المهايئة (ACC) سرعة السيارة حتى السرعة الثابتة المضبوطة مسبقًا للحفاظ على المسافة بينها وبين السيارة التي أمامها.

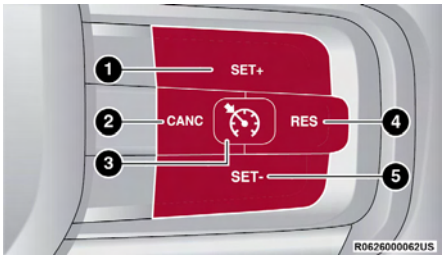
ملاحظة:

في السيارات المزودة بوحدة التحكم في السرعة الثابتة المهايئة (ACC)، إذا لم يتم تمكين وحدة التحكم في السرعة الثابتة المهايئة (ACC)، فلن يكتشف نظام التحكم في السرعة الثابتة السيارات التي أمامك مباشرة. يمكن تشغيل ميزة واحدة فقط للتحكم في السرعة الثابتة في كل مرة.

التحكم في السرعة الثابتة

عندما يتم تعشيق نظام التحكم في السرعة الثابتة، فإنه يتولى تشغيل دواسة الوقود عند سرعات تزيد عن 32 كم/ساعة (20 ميلاً في الساعة).

توجد أزرار التحكم في السرعة الثابتة في الجانب الأيمن من عجلة القيادة.



أزرار التحكم في السرعة الثابتة

1 — SET(+) (الضبط (+))/Accel (التسارع)
2 — CANC/إلغاء
3 — On (التشغيل)/Off (إيقاف التشغيل)
4 — RES/استئناف
5 — SET- (الضبط (-))/Decel (خفض السرعة)

- يجب أن تكون السيارة متوقفة تمامًا.
- يجب أن يكون محدد التروس في وضع ترس أمامي مع الضغط على دواسة الفرامل.

سيتم إيقاف تشغيل المحرك، وينتقل عداد سرعة المحرك إلى موضع الصفر ويضيء مؤشر Stop/Start (إيقاف/بدء التشغيل) مشيرًا إلى أنك في وضع Autostop (التوقف الأوتوماتيكي). ستتم المحافظة على إعدادات العميل عند العودة إلى حالة تشغيل المحرك.

الأسباب المحتملة وراء أن المحرك لا يتوقف أوتوماتيكيًا

قبل توقف المحرك، سوف يقوم النظام بتفقد الكثير من ظروف السلامة والراحة لمعرفة ما إذا تم تحقيقها. قد يتم عرض معلومات مفصلة حول تشغيل نظام Stop/Start (الإيقاف/بدء التشغيل) على شاشة Stop/Start (الإيقاف/بدء التشغيل) في شاشة عرض مجموعة أجهزة القياس. في المواقف التالية لن يتوقف المحرك:

- حزام أمان مقعد السائق غير مربوط.
- باب السائق غير مغلق.
- درجة حرارة البطارية ساخنة للغاية أو باردة للغاية.
- شحن البطارية منخفض.
- السيارة على منحدر شديد الانحدار.
- تدفئة الكابينة أو تبريدها قيد التشغيل ولم يتم تحقيق درجة حرارة الكابينة المقبولة.
- تم ضبط التسخين والتهوية ومكيف الهواء (HVAC) على وضع إزالة الصقيع الكامل في سرعة المروحة العالية.
- تم ضبط التسخين والتهوية ومكيف الهواء (HVAC) على MAX A/C (الحد الأقصى لتكييف الهواء).
- المحرك لم يصل لدرجة التشغيل العادية.
- ناقل الحركة ليس في ترس أمامي.
- غطاء المحرك مفتوح.
- السيارة في وضع 4WD LOW (الدفع الرباعي المنخفض).
- لم يتم الضغط على دواسة الفرامل بضغط كافي.
- إدخال دواسة الوقود.
- درجة حرارة المحرك مرتفعة للغاية.
- لم يتم الوصول إلى حد 8 كم/الساعة (5 أميال/الساعة) من التوقف الأوتوماتيكي السابق.
- زاوية التوجيه تخطت الحد.
- حدوث خطأ في نظام Stop/Start (الإيقاف/بدء التشغيل).
- الضغط على مفتاح Stop/Start OFF (إيقاف نظام الإيقاف/بدء التشغيل).
- وجود السيارة على ارتفاع عالٍ.

قد يكون من الممكن قيادة السيارة العديد من المرات دون أن يدخل نظام Stop/Start (إيقاف/بدء التشغيل) في حالة STOP/START READY (إيقاف/بدء التشغيل جاهز) في ظل الظروف الأكثر شدة من العناصر الموضحة سابقاً.

لبدء تشغيل المحرك أثناء التواجد في وضع التوقف الأوتوماتيكي

أثناء التواجد في ترس حركة أمامية، سيبدأ المحرك في العمل عند تحرير دواسة الفرامل أو الضغط على دواسة الخانق. سوف يتم تعشيق ناقل الحركة مرة أخرى أوتوماتيكيًا عند إعادة تشغيل المحرك.

الظروف التي ستؤدي إلى بدء تشغيل المحرك تلقائيًا أثناء التواجد في وضع التوقف الأوتوماتيكي:

- إخراج محدد ناقل الحركة من وضع DRIVE (القيادة).
- للحفاظ على راحة درجة الحرارة بالكابينة.
- ضبط HVAC (التسخين والتهوية ومكيف الهواء) على وضع إزالة الصقيع بالكامل.
- ضبط درجة حرارة نظام التسخين والتهوية ومكيف الهواء أو سرعة المروحة يدويًا.
- انخفاض فولتية البطارية بدرجة كبيرة.
- الضغط على مفتاح Stop/Start OFF (إيقاف نظام الإيقاف/بدء التشغيل).
- حدوث خطأ في نظام Stop/Start (الإيقاف/بدء التشغيل).
- وضع نظام الدفع الرباعي في وضع 4WD LOW (الدفع الرباعي المنخفض) أو N (اللاتعشيق).
- زاوية التوجيه تخطت الحد.

- وضع Tire/Jack (الإطار/الرافعة) – يضيء ضوءا المؤشرَين 1 و5. تؤدي القيادة أو إلغاء تحديد الوضع في نظام Uconnect إلى تعطيل وضع Tire/Jack (الإطار/الرافعة).
- وضع Wheel Alignment (محاذاة العجلات) – سيضيء ضوءا المؤشرَين 4 و5. تؤدي القيادة أو إلغاء تحديد الوضع في نظام Uconnect إلى تعطيل وضع Wheel Alignment (محاذاة العجلات).

التوجيه المعزز

سيوفر نظام التوجيه المعزز كهربيًا زيادة في استجابة السيارة وسهولة في المناورة. يتكيف نظام التوجيه المعزز كهربيًا مع ظروف القيادة المختلفة.

تحذير!
قد تعرض نفسك والآخرين إلى الخطر عند الاستمرار في قيادة السيارة بعد انخفاض المساعدة في نظام التوجيه. يجب إجراء أعمال الصيانة في أسرع وقت ممكن.

ملاحظة:

يمكن اختيار جهود بديلة للتوجيه المعزز كهربيًا من خلال نظام Uconnect ⇦ صفحة ٢٠٣.

في حال عرض رمز التحذير Electric Power Steering (التوجيه المعزز كهربيًا) وعرض الرسالة "SERVICE POWER STEERING" (نظام التوجيه المعزز يحتاج إلى صيانة) أو "POWER STEERING ASSIST OFF – SERVICE SYSTEM" (إيقاف مساعد التوجيه المعزز – تلزم صيانة النظام) على شاشة عرض مجموعة أجهزة القياس، فهذا يعني أن السيارة بحاجة إلى صيانة لدى الوكيل المعتمد ⇦ صفحة ١١٣.

ملاحظة:

- وحتى في حالة عدم عمل مساعدة التوجيه المعزز، يمكن توجيه السيارة. وستتطلب هذه الحالة بذل مجهود أكبر لتوجيه السيارة وخاصة في السرعات البطيئة أو أثناء مناورات التوقف.
- إذا استمرت الحالة، فراجع الوكيل المعتمد للحصول على الصيانة اللازمة.

في حال ظهور رمز Steering (التوجيه) وظهور الرسالة "POWER STEERING SYSTEM OVER TEMP" (زيادة درجة حرارة نظام التوجيه المعزز) على شاشة عرض مجموعة أجهزة القياس، هذا يعني أنه ربما تم القيام بمناورات توجيه شديدة، مما تسبب في حال ارتفاع درجة الحرارة في نظام التوجيه المعزز بالطاقة الكهربية. عندما تكون ظروف القيادة آمنة، أوقف السيارة واتركها دائرة في حالة تباطؤ لبضع دقائق حتى يختفي الرمز والرسالة.

نظام Stop/Start (الإيقاف/بدء التشغيل) - إذا كانت السيارة مزودة بذلك

تم تطوير وظيفة Stop/Start (الإيقاف/بدء التشغيل) لتقليل استهلاك الوقود. سيقوم النظام بإيقاف المحرك أوتوماتيكيًا أثناء توقف السيارة في حالة تطابق الظروف المطلوبة. سيؤدي تحرير دواسة الفرامل أو الضغط على دواسة الوقود إلى إعادة تشغيل المحرك تلقائيًا.

تمت ترقية هذه السيارة ببادئ تشغيل للأعمال الشاقة، وبطارية محسنة، وأجزاء محرك أخرى محسنة، للتعامل مع عمليات بدء تشغيل المحرك الإضافية الأخرى.

وضع التوقف الأوتوماتيكي

يتم تمكين ميزة Stop/Start (إيقاف/بدء التشغيل) بعد كل عملية تشغيل عادية للمحرك من قِبل العميل. في هذا الوقت، سيتحول النظام إلى وضع STOP/START READY (الإيقاف/بدء التشغيل جاهز).

لتنشيط وضع التوقف الأوتوماتيكي، يجب أن يحدث الآتي:

- يَجب أن يكون النظام في حالة STOP/START READY (الإيقاف/بدء التشغيل جاهز). سَيتم عرض الرسالة "STOP/START READY" (الإيقاف/بدء التشغيل جاهز) في شاشة مجموعة أجهزة القياس في قسم Stop/Start (الإيقاف/بدء التشغيل) ⇦ صفحة ١٠٢.

ملاحظة:

يُقصد من هذا الوضع التمكين عندما يكون المحرك قيد التشغيل. عند السحب، يمكن تعطيل الدخول/الخروج الأوتوماتيكي من خلال الراديو المزوّد بشاشة لمس لنظام Uconnect لمنع حركة السيارة والمقطورة عند تحريك محدد التروس إلى وضع PARK (التوقف).

وضع Transport (النقل)

للمساعدة عند السحب باستخدام شاحنة مسطحة، يتمتع نظام التعليق الهوائي بميزة تضع السيارة في ارتفاع الدخول/الخروج وتعمل على تعطيل نظام موازنة الحمولة الأوتوماتيكي ⇦ صفحة ٢٠٣.

ملاحظة:

يُقصد من هذا الوضع التمكين عندما يكون المحرك قيد التشغيل.

وضع رسائل شاشة عرض التعليق

يتيح لك إعداد "Suspension Display Messages" (رسائل شاشة عرض نظام التعليق) عرض تحذيرات نظام التعليق فقط بدلاً من كل رسائل نظام التعليق (أي "Normal Height Achieved" (تم الوصول إلى الارتفاع العادي)) ⇦ صفحة ٢٠٣.

ملاحظة:

يُقصد من هذا الوضع التمكين عندما يكون المحرك قيد التشغيل.

وضع Wheel Alignment (محاذاة العجلات)

قبل تنفيذ محاذاة العجلات، يجب تمكين هذا الوضع الذي يُحرّك السيارة إلى ارتفاع القيادة العادي ويُعطِّل التعليق الهوائي أثناء المحاذاة ⇦ صفحة ٢٠٣.

ملاحظة:

يُقصد من هذا الوضع التمكين عندما يكون المحرك قيد التشغيل.

في حالة التزود براديو Uconnect مزود بشاشة اللمس، يجب القيام بجميع عمليات التمكين/ التعطيل لمزايا التعليق الهوائي من خلال الراديو ⇦ صفحة ٢٠٣.

شاشة عرض مجموعة أجهزة القياس الرسائل

عند توافر الظروف المناسبة، تظهر رسالة في شاشة مجموعة أجهزة القياس ⇦ صفحة ١٠٢.

التشغيل

تضيء أضواء المؤشر من 1 إلى 5 لعرض الوضع الحالي للسيارة. تعرض أضواء المؤشر الوامضة الوضع الذي يعمل النظام على الوصول إليه. عند الرفع، إذا كانت أضواء مؤشر متعددة تومض في أثناء الرفع، فإن أعلى ضوء مؤشر وامض هو الوضع الذي يعمل النظام على الوصول إليه. عند الخفض، إذا كانت مؤشرات متعددة تومض في أثناء الخفض، فإن أدنى ضوء مؤشر ثابت الإضاءة هو الوضع الذي يعمل النظام على الوصول إليه.

سيؤدي التبديل لأعلى مرةً واحدة إلى تحريك التعليق لأعلى بمقدار وضع واحد من الوضع الحالي، وذلك بافتراض استيفاء جميع الشروط (أي المحرك قيد التشغيل، والسرعة دون الحد المقرر، وغير ذلك). يمكن الضغط على زر التبديل لأعلى عدة مرات. يؤدي كل تبديل لأعلى إلى رفع المستوى المطلوب بمقدار وضع واحد حتى بلوغ الوضع الأقصى لوضع OR2 (الطرق غير الممهدة 2) أو أعلى وضع مسموح به استنادًا إلى الظروف الحالية (أي سرعة السيارة، وغير ذلك).

سيؤدي التبديل لأسفل مرةً واحدة إلى تحريك التعليق لأسفل بمقدار وضع واحد من المستوى الحالي، وذلك بافتراض استيفاء جميع الشروط (أي المحرك قيد التشغيل، والأبواب مغلقة، والسرعة دون الحد المقرر، وغير ذلك). يمكن الضغط على زر التبديل لأسفل عدة مرات. يؤدي كل تبديل لأسفل إلى الخفض إلى المستوى المطلوب بمقدار وضع واحد لأسفل حتى بلوغ الحد الأدنى لوضع Park (التوقف) أو أدنى وضع مسموح به استنادًا إلى الظروف الحالية (أي سرعة السيارة، وغير ذلك).

وتحدث تغييرات الارتفاع الأوتوماتيكية بناءً على سرعة السيارة وارتفاع السيارة الحالي. تعمل أضواء المؤشر ورسائل شاشة عرض مجموعة أجهزة القياس بنفس الطريقة بالنسبة إلى التغييرات الأوتوماتيكية والتغييرات التي يطلبها المستخدم.

- الطرق غير الممهدة 2 (OR2) – تضيء أضواء المؤشر من 1 إلى 5.
- الطرق غير الممهدة 1 (OR1) – تضيء أضواء المؤشر من 2 إلى 5.
- ارتفاع القيادة العادي (NRH) – تضيء أضواء المؤشر من 3 إلى 5.
- الارتفاع الهوائي – يضيء ضوءا المؤشرَين 4 و5.
- ارتفاع الدخول/الخروج – يضيء ضوء المؤشر 5.
- وضع النقل – لن تضيء أي أضواء مؤشرات. تؤدي القيادة أو إلغاء تحديد الوضع في نظام Uconnect إلى تعطيل وضع Transport (النقل).

ملاحظة:

يمكن تمكين الخفض الأوتوماتيكي للسيارة في وضع Entry/Exit Height (ارتفاع الدخول/الخروج) من خلال جهاز الراديو المزوّد بشاشة اللمس بنظام Uconnect. إذا تم تمكين هذه الميزة، فسيتم خفض السيارة فقط في حال وجود محدد التروس في وضع PARK (التوقف) مع وجود مفتاح التضاريس في الوضع AUTO (أوتوماتيكي) وعلبة النقل في الوضع AUTO (أوتوماتيكي) ومستوى السيارة إما في الوضع Normal (عادي) أو الوضع Aero Height (الارتفاع الهوائي). لن يتم خفض السيارة أوتوماتيكيًا إذا كان مستوى التعليق الهوائي في وضع OR2 أو OR1. عند السحب، يمكن تعطيل ميزة الدخول/الخروج الأوتوماتيكية من خلال الراديو المزوّد بشاشة لمس لنظام Uconnect لمنع حركة السيارة والمقطورة عند تحريك محدد التروس إلى وضع PARK (التوقف).

سيقوم نظام Selec-Terrain أوتوماتيكيًا بتغيير السيارة إلى الارتفاع المناسب بناءً على وضع مفتاح Selec-Terrain. يمكن تغيير الارتفاع من إعداد Selec-Terrain (التضاريس المحددة) الافتراضي بالاستخدام العادي لأزرار التعليق الهوائي ⇦ صفحة ١٣٩.

يتطلب النظام تشغيل المحرك لإجراء جميع التغييرات. عند خفض السيارة، يجب إغلاق جميع الأبواب، بما في ذلك باب المؤخرة. في حالة فتح أي باب في أي وقت أثناء خفض السيارة، لن يتم إكمال التغيير حتى يتم إغلاق الباب (الأبواب) المفتوح.

يستخدم نظام التعليق الهوائي Quadra-Lift نمط رفع وخفض يعمل على عدم سطوع الأضواء الأمامية عن طريق الخطأ أمام السيارات القادمة. عند رفع السيارة، يتم رفع مؤخرة السيارة أولاً ثم المقدمة. عند خفض السيارة، يتم خفض المقدمة أولاً ثم المؤخرة.

بعد إيقاف تشغيل المحرك، ربما تتم ملاحظة عمل نظام التعليق الهوائي لفترة قصيرة، وهذا أمر طبيعي. يقوم النظام بتصحيح وضع السيارة لضمان المظهر الصحيح.

للمساعدة في تغيير إطار احتياطي، يتمتع نظام التعليق الهوائي Quadra-Lift بميزة تتيح تعطيل ضبط المستوى الأوتوماتيكي ⇦ صفحة ٢٠٣.

ارتفاع القيادة الافتراضي:

- حدد وضع Aero Height (الارتفاع الهوائي) أو Normal Ride Height (ارتفاع القيادة العادي) كالوضع الافتراضي لجميع سرعات السيارة وتشغيلها. هذا هو الارتفاع المحدد الذي سيقوم نظام التعليق بتسويته لتغييرات السرعة (على سبيل المثال، الرفع من وضع Entry/Exit Height (ارتفاع الدخول/الخروج) على السرعة، الخفض من وضع Off Road Height (ارتفاع الطرق غير الممهدة) على السرعة، إلخ).
- يمكن تغيير ارتفاع القيادة الافتراضي عن طريق ضبط مفتاح Quadra-Lift يدويًا على Normal Ride Height (ارتفاع القيادة العادي) أو Aero Ride Height (ارتفاع القيادة الهوائي) والبقاء في الارتفاع المحدد لمدة 2.5 ثانية. سيتم تخزينه كارتفاع الركوب الافتراضي وسيتم الحفاظ على الارتفاع حتى يتم تحديد ارتفاع قيادة افتراضي جديد.

ملاحظة:

في حالة التزود براديو Uconnect مزود بشاشة اللمس، يجب القيام بجميع عمليات التمكين/ التعطيل لمزايا التعليق الهوائي من خلال الراديو ⇦ صفحة ٢٠٣.

تحذير!
يستخدم نظام التعليق الهوائي مقدارًا عاليًا من ضغط الهواء لتشغيل النظام. لتجنب حدوث إصابة شخصية أو تلف بالنظام، راجع الوكيل المعتمد للحصول على معلومات حول الصيانة.

أوضاع التعليق الهوائي

يحتوي نظام التعليق الهوائي على أوضاع متعددة لحماية النظام في المواقف الفريدة:

وضع Tire/Jack (الإطار/الرافعة)

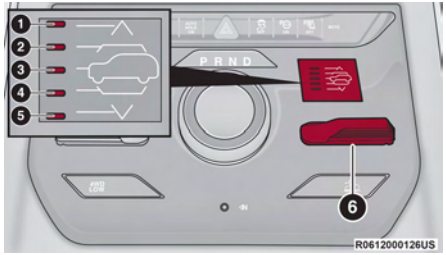
للمساعدة في تغيير إطار احتياطي، يتمتع نظام التعليق الهوائي بميزة تتيح تعطيل ضبط المستوى الأوتوماتيكي ⇦ صفحة ٢٠٣. يستخدم وضع الإطار/الرافعة لتوصيل مقطورة بقضيب ربط توزيع الحمل ⇦ صفحة ١٨٦.

ملاحظة:

يُقصد من هذا الوضع التمكين عندما يكون المحرك قيد التشغيل.

وضع الدخول/الخروج الأوتوماتيكي

للمساعدة على الدخول إلى السيارة والخروج منها، يشتمل نظام التعليق الهوائي على ميزة تخفض السيارة بصورة أوتوماتيكية إلى ارتفاع الدخول/الخروج ⇦ صفحة ٢٠٣.



مفتاح Quadra-Lift

1 — ضوء مؤشر الطرق غير الممهدة 2 (قابل للتحديد بواسطة العميل، الدفع الرباعي فقط)
2 — ضوء مؤشر الطرق غير الممهدة 1 (قابل للتحديد بواسطة العميل، الدفع الرباعي فقط)
3 — ضوء مؤشر ارتفاع الركوب العادي (قابل للتحديد بواسطة العميل)
4 — ضوء مؤشر الارتفاع الهوائي (قابل للتحديد بواسطة العميل)
5 — ضوء مؤشر الارتفاع لوضع Entry/Exit (الدخول/الخروج) (قابل للتحديد بواسطة العميل)
6 — مفتاح التبديل

- **ارتفاع القيادة العادي (NRH)** – هذا هو الوضع القياسي للتعليق وهو مخصص للقيادة العادية.
- **الطرق غير الممهدة 1 (OR1) (يتم رفع السيارة بمقدار 30 مم [1.2 بوصة] تقريبًا)** – هذا هو الوضع الأساسي لكل أنواع القيادة على الطرق غير الممهدة حتى تحتاج إلى وضع OR2. سيؤدي ذلك إلى قيادة أكثر راحة وسلاسة. اضغط على مفتاح التبديل للأمام مرة واحدة من وضع ارتفاع القيادة العادي (NRH) أثناء انخفاض سرعة السيارة عن 61 كم/ساعة (38 ميلاً/ساعة). في وضع Sand + OR1 (وضع الطرق غير الممهدة 1 + الرمال)، يتم الحفاظ على الارتفاع إذا كانت السرعة أقل من 59 ميلاً/ساعة (95 كم/ساعة) ثم ينخفض إلى ارتفاع القيادة العادي (NRH). في وضع OR1 فقط، إذا ظلت سرعة السيارة بين 40 ميلاً/ساعة (64 كم/ساعة) و50 ميلاً/ساعة (80 كم/ساعة) لأكثر من 20 ثانية أو إذا تجاوزت سرعة السيارة 50 ميلاً/ساعة (80 كم/ساعة)، فستنخفض السيارة أوتوماتيكيًا إلى ارتفاع القيادة العادي (NRH) ⇦ صفحة ١٩٩. لا يتوفر وضع OR1 في السيارات ذات نظام التعليق الهوائي 4x2.
- **الطرق غير الممهدة 2 (OR2) (يتم رفع السيارة بمقدار 51 سم [بوصتين] تقريبًا)** – هذا الوضع مخصص للاستخدام على الطرق غير الممهدة فقط حيث يلزم توفر أقصى خلوص أرضي. للدخول في وضع OR2 (الطرق غير الممهدة 2)، اضغط على مفتاح التبديل للأمام مرتين من وضع ارتفاع القيادة العادي (NRH) أو مرة واحدة من وضع OR1 (الطرق غير الممهدة 1) أثناء انخفاض سرعة السيارة عن 32 كم/ساعة (20 ميلاً/الساعة). أثناء تشغيل وضع OR2، إذا تجاوزت سرعة السيارة 40 كم/ساعة (25 ميلاً/ساعة) يتم خفض ارتفاع السيارة أوتوماتيكيًا إلى وضع OR1 ⇦ صفحة ١٩٩. لا يتوفر وضع OR2 في السيارات ذات نظام التعليق الهوائي 4x2.
- **الارتفاع الهوائي (يخفض السيارة بمقدار -0.6 بوصة [-15 مم] تقريبًا)** – يؤدي هذا الوضع إلى تحسين الديناميكية الهوائية عن طريق خفض السيارة. ستدخل السيارة إلى الوضع Aero Height (الارتفاع الهوائي) أوتوماتيكيًا في حال بقاء سرعة السيارة بين 100 كم/ساعة (62 ميلاً/ساعة) و106 كم/ساعة (66 ميلاً/ساعة) لأكثر من 20 ثانية أو إذا تجاوزت سرعة السيارة 106 كم/ساعة (66 ميلاً/ساعة). ستعود السيارة إلى ارتفاع القيادة الافتراضي من وضع Aero Height (الارتفاع الهوائي) في حال بقاء سرعة السيارة بين 48 كم/ساعة (30 ميلاً/ساعة) و56 كم/ساعة (35 ميلاً/ساعة) لمدة تزيد عن 20 ثانية أو إذا انخفضت سرعة السيارة عن 48 كم/ساعة (30 ميلاً/ساعة). تدخل السيارة في الوضع Aero Height (الارتفاع الهوائي)، بغض النظر عن سرعة السيارة إذا كانت السيارة مُشغّلة في الوضع "SPORT" (الرياضي).
- **وضع Entry/Exit Height (ارتفاع الدخول/الخروج) (يخفض السيارة بمقدار -40 مم [-1.6 بوصة] تقريبًا)** – يؤدي هذا الوضع إلى خفض السيارة لتسهيل دخول الراكب وخروجه بالإضافة إلى خفض مؤخرة السيارة لتسهيل تحميل الحمولة وتفريغها. للدخول إلى وضع Entry/Exit Height (ارتفاع الدخول/الخروج)، اضغط على مفتاح التبديل لأسفل مرتين من وضع ارتفاع القيادة العادي (NRH) أثناء انخفاض سرعة السيارة عن 10 كم/ساعة (6 أميال/الساعة). للخروج من وضع Entry/Exit Height (ارتفاع الدخول/الخروج)، اضغط على الزر "لأعلى" مرة واحدة أثناء التشغيل في وضع Entry/Exit Height (ارتفاع الدخول/الخروج) أو قيادة السيارة بسرعة تزيد عن 6 كم/ساعة (4 أميال/الساعة).

Selec-Terrain

1 — أوضاع Selec-Terrain (التضاريس المحددة)
2 — مفتاح التبديل Selec-Terrain (التضاريس المحددة)

يشتمل نظام Selec-Terrain على الأوضاع التالية:

- **ROCK (صخور)** (إذا كانت السيارة مزوّدة بذلك) – تتوفر معايرة الطرق غير الممهدة فقط في 4WD LOW (الدفع الرباعي المنخفض). يتم رفع السيارة (إذا كانت مزودة بالتعليق الهوائي) لتحسين الخلوص الأرضي. ضبط يعتمد على الجر مع تحسين القدرة على التوجيه للاستخدام على الأسطح غير الممهدة العالية الجر. يستخدم للعوائق أثناء السرعة المنخفضة مثل الصخور الكبيرة، والحفر العميقة وغيرها، وفي حال كانت السيارة مزوّدة بنظام التعليق الهوائي، يتغير مستوى السيارة إلى الطرق غير الممهدة 2 (OR2). في حال وجود مفتاح Selec-Terrain (التضاريس المحددة) في الوضع Rock (صخور)، وتم تحويل علبة النقل من 4WD Low (الدفع الرباعي المنخفض) إلى 4WD HI (الدفع الرباعي العالي)، فسيعود نظام Selec-Terrain (التضاريس المحددة) إلى الوضع AUTO (أوتوماتيكي).
- **SAND/MUD (رمال/طين)** (إذا كانت السيارة مزودة بذلك) – تتوفر معايرة للطرق غير الممهدة للاستخدام على أسطح الجر المنخفض، مثل الطين أو الرمال. تتم زيادة أداء مجموعة التوجيه للجر. قد يكون هناك شعور بقدر من الربط على الأسطح الأقل سهولة. يتم ضبط مفاتيح التحكم الإلكتروني في الفرامل لتقييد إدارة التحكم في الجر لصمام الاختناق ودوران العجلة. في حال كانت السيارة مزوّدة بنظام التعليق الهوائي، يتغير المستوى إلى الطرق غير الممهدة 1 (OR1).
- **SNOW** (ثلوج) – توليف يتم ضبطه للحصول على مزيد من الاستقرار في الطقس شديد البرودة. يستخدم في الطرق الممهدة وغير الممهدة على الأسطح الزلقة مثل الثلوج. عند تشغيل الوضع SNOW (ثلوج) (اعتمادًا على ظروف تشغيل معينة)، قد يستخدم ناقل الحركة الترس الثاني (بدلاً من الأول) أثناء عمليات التشغيل لتقليل انزلاق العجلات. إذا كانت السيارة مزودة بنظام التعليق الهوائي، فإن ارتفاع الركوب الافتراضي لوضع Snow (الثلج) هو Normal Ride Height (NRH) (ارتفاع القيادة العادي).
- **AUTO (أوتوماتيكي)** – يمكن استخدام تشغيل الدفع الرباعي الأوتوماتيكي الكامل طوال الوقت على الطرق الممهدة وغير الممهدة. يعمل على موازنة الجر مع التوجيه السلس لتوفير تحكم أفضل وتسارع لسيارات الدفع الثنائي. إذا كانت السيارة مزودة بنظام التعليق الهوائي، فسيتم تغيير المستوى إلى ارتفاع ركوب عادي (NRH).
- **SPORT** (القيادة الرياضية) – يعمل هذا الوضع على تغيير جدول النقل الأوتوماتيكي لناقل الحركة للتمتع بالقيادة الرياضية. تزيد سرعات النقل لأعلى لاستغلال طاقة المحرك المتاحة بالكامل. يتم تعديل جهود التوجيه لتحقيق القيادة الرياضية. في حال توفر التعليق الهوائي، يتم تغيير المستوى إلى Aero Height (الارتفاع الهوائي).

شاشة عرض مجموعة أجهزة القياس الرسائل

عند توافر الظروف المناسبة، تظهر رسالة في شاشة مجموعة أجهزة القياس ⇦ صفحة ١٠٢.

ميزة QUADRA-LIFT (الرفع الرباعي) - إذا كانت السيارة مزوّدة بذلك

الوصف

يتيح نظام التعليق الهوائي Quadra-Lift إمكانية موازنة الحمولة كاملة الوقت مع ميزة القدرة على ضبط ارتفاع السيارة عن طريق مفتاح تبديل. ستقوم السيارة برفع ارتفاع القيادة وخفضه بصورة أوتوماتيكية للتكيف مع ظروف القيادة المناسبة. في السرعات العالية، ستنخفض السيارة إلى ارتفاع القيادة الإيروديناميكي وعند التشغيل في أوضاع الطرق غير الممهدة (إذا كانت السيارة مزوّدة بذلك)، ستقوم السيارة برفع ارتفاع القيادة وفقا لذلك. يمكن استخدام الأزرار الموجودة بالقرب من مفتاح التضاريس في منطقة الكونسول المركزي لضبط ارتفاع القيادة المفضل ليتوافق مع الظروف المناسبة.

ضوء مؤشر 4WD LOW (الدفع الرباعي المنخفض) في الوميض في مجموعة أجهزة القياس. يظل ضوء 4WD LOW (الدفع الرباعي المنخفض) مضاءً بشكل ثابت عند اكتمال النقل.

زر 4WD LOW (الدفع الرباعي المنخفض)

ملاحظة:

في حال عدم استيفاء متطلبات/ترابطات النقل، تظهر رسالة على شاشة عرض مجموعة أجهزة القياس تتضمن التعليمات اللازمة لإكمال النقل ⇦ صفحة ١٠٢.

من نظام الدفع الرباعي (4WD) المنخفض إلى نظام الدفع الرباعي (4WD) المرتفع

أثناء سير السيارة بسرعات تتراوح ما بين 0 و5 كم/ساعة (0 و3 أميال/الساعة)، وفي ظل وجود مفتاح التشغيل في وضع ON (التشغيل) أو أثناء تشغيل المحرك، انقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) (N) واضغط على زر 4WD LOW (الدفع الرباعي المنخفض) مرة واحدة في مفتاح علبة النقل إلى أن يبدأ ضوء مؤشر 4WD LOW (الدفع الرباعي المنخفض) في الوميض في مجموعة أجهزة القياس. ينطفئ ضوء 4WD LOW (الدفع الرباعي المنخفض) عند اكتمال النقل.

ملاحظة:

- في حال عدم استيفاء متطلبات/ترابطات النقل، تظهر رسالة على شاشة عرض مجموعة أجهزة القياس تتضمن التعليمات اللازمة لإكمال النقل ⇦ صفحة ١٠٢.
- يمكن أن يتم الانتقال من وإلى وضع 4WD LOW (الدفع الرباعي المنخفض) أثناء التوقف الكامل للسيارة، ولكن قد تكمن الصعوبة في عدم محاذاة سن قابض التركيب بشكل صحيح. قد يستلزم الأمر أكثر من محاولة كي يمكن محاذاة سن القابض واكتمال النقل. ويفضل القيام بذلك أثناء سير السيارة بسرعة 0 إلى 5 كم/ساعة (0 إلى 3 أميال/ساعة). إذا كانت السيارة تتحرك بسرعة أكبر من 5 كم/ساعة (3 أميال/الساعة)، فلن يتم السماح لعلبة النقل بالانتقال.

نظام QUADRA-DRIVE II - إذا كانت السيارة مزودة بذلك

يحتوي نظام Quadra-Drive II على وصلتين لنقل العزم. وتتضمن الوصلات المحور الخلفي للقفل التفاضلي محدود الانزلاق إلكترونيًا (ELSD) وعلبة نقل Quadra-Trac II. يعمل محور الدوران الخلفي للقفل التفاضلي محدود الانزلاق إلكترونيًا (ELSD) بشكل أوتوماتيكي بالكامل ومن دون الحاجة إلى أي تدخل من السائق. في ظروف التشغيل العادية، تعمل الوحدة كمحور قياسي يوازن العزم بين العجلتين اليسرى واليمنى. تستشعر الوصلات اختلاف السرعة الناتج عن اختلاف طاقة الجر بين العجلتين اليمنى واليسرى. مع دوران إحدى العجلتين بشكل أسرع من الأخرى، يتم نقل العزم أوتوماتيكيًا من العجلة التي تقل فيها طاقة الجر إلى العجلة الأخرى. على الرغم من اختلاف وصلات علبة النقل والمحور في التصميم، فإن تشغيلهما يعتبر متشابها. اتبع إرشادات النقل باستخدام علبة نقل Quadra-Trac II قبل هذا الإجراء لنقل التروس باستخدام هذا النظام.

4

ميزة SELEC-TERRAIN — إذا كانت السيارة مزوّدة بذلك

تحديد وضع SELEC-TERRAIN (التضاريس المحددة)

يحتوي نظام Selec-Terrain على إمكانيات أنظمة التحكم في السيارة، مع الإجراءات الخاصة بالسائق، لتقديم أفضل أداء في جميع أنواع التضاريس. اضغط على زر التبديل لأعلى أو لأسفل للتنقل بين الأوضاع.

إرشادات/احتياطات تشغيل نظام QUADRA-TRAC II — إذا كانت السيارة مزوّدة بذلك

تعمل علبة النقل Quadra-Trac II بشكل أوتوماتيكي كامل في ظل القيادة العادية في وضع 4WD HI (الدفع الرباعي العالي). توفر علبة النقل Quadra-Trac II ثلاثة أوضاع:

- 4WD HI (الدفع الرباعي الأوتوماتيكي)
- N (المحايد)
- 4WD LOW (الدفع الرباعي الأوتوماتيكي)

عند الحاجة إلى مزيد من قوة الجر، يمكن استخدام وضع 4WD LOW (الدفع الرباعي المنخفض) لزيادة عزم الدوران في العجلات. وقد تؤدي القيادة في وضع 4WD LOW (الدفع الرباعي المنخفض) على سطح صلب وجاف إلى زيادة تآكل الإطار وتلف مكونات مجموعة القيادة.

عند تشغيل السيارة في وضع 4WD LOW (الدفع الرباعي المنخفض) تكون سرعة المحرك ثلاثة مرات تقريبًا سرعته في وضع 4WD HI (الدفع الرباعي العالي) عند سرعة طريق معينة. احترس من زيادة سرعة المحرك ولا تتجاوز سرعة 40 كم/الساعة (25 ميلاً/الساعة).

يعتمد التشغيل الصحيح لسيارات الدفع الرباعي على الإطارات ذات الحجم والنوع ومحيط العجلة المتساوي. ويؤثر أي اختلاف عكسيًا على نقل السرعة وقد يتسبب في تلف علبة النقل.

نظرًا لأن الدفع الرباعي يوفر جرًا محسنًا، تميل سيارات الدفع الرباعي إلى تجاوز سرعات الانعطاف والتوقف. لا تقد السيارة بسرعات لا تسمح بها ظروف الطريق.

تحذير!

فقد تتعرض أنت أو الآخرون للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود علبة النقل في وضع N (اللاتعشيق) دون استخدام فرامل التوقف أولاً بشكل كامل. يقوم وضع لاتعشيق علبة النقل (N) بفصل كل من عمودَي الإدارة الأمامي والخلفي عن مجموعة الدفع والحركة، ويسمح للسيارة بالحركة حتى إن كان ناقل الحركة في وضع PARK (التوقف). يجب استخدام فرامل التوقف دائمًا عندما لا يكون السائق موجودًا في السيارة.

أوضاع النقل

لمزيد من المعلومات عن الاستخدام المناسب لكل وضع من أوضاع نظام الدفع الرباعي، اطلع على المعلومات الآتية:

4WD HI (الدفع الرباعي الأوتوماتيكي)

يعد هذا النطاق وضع التشغيل الافتراضي للاستخدام اليومي.

N (اللاتعشيق)

يحرر هذا النطاق مجموعة القيادة من مجموعة الدفع والحركة. يستخدم لسحب السيارة خلف سيارة أخرى ⇦ صفحة ١٩٥.

تحذير!

فقد تتعرض أنت أو الآخرون للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود علبة النقل في وضع N (اللاتعشيق) دون استخدام فرامل التوقف أولاً بشكل كامل. يقوم وضع لاتعشيق علبة النقل (N) بفصل كل من عمودَي الإدارة الأمامي والخلفي عن مجموعة الدفع والحركة، ويسمح للسيارة بالحركة حتى إن كان ناقل الحركة في وضع PARK (التوقف). يجب استخدام فرامل التوقف دائمًا عندما لا يكون السائق موجودًا في السيارة.

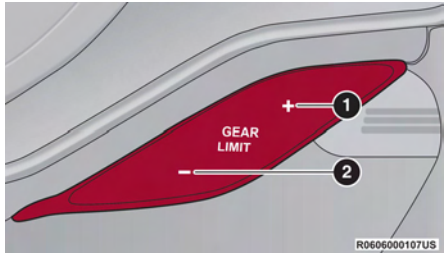
4WD LOW (الدفع الرباعي الأوتوماتيكي)

يوفر هذا النطاق دفعًا رباعيًا منخفض السرعة. فهو يوفر خفضًا إضافيًا للترس مما يتيح زيادة قوة العزم التي يتم توصيلها إلى كلٍ من العجلات الأمامية والخلفية مع توفير أقصى حد لقوة السحب على الطرق ذات الأسطح الرخوة والزلقة. لا تتجاوز سرعة 40 كم/ساعة (25 ميلاً/ساعة).

إجراءات النقل

من نظام الدفع الرباعي (4WD) المرتفع إلى نظام الدفع الرباعي (4WD) المنخفض

أثناء سير السيارة بسرعات تتراوح ما بين 0 و5 كم/ساعة (0 و3 أميال/الساعة)، وفي ظل وجود مفتاح التشغيل في وضع ON (التشغيل) أو أثناء تشغيل المحرك، انقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) (N) واضغط مطولاً على زر 4WD LOW (الدفع الرباعي المنخفض) مرة واحدة في مفتاح علبة النقل إلى أن يبدأ



الاختيار الإلكتروني للنطاق (ERS)

1 — التبديل لأعلى "+"
2 — التبديل لأسفل "–"

للخروج من وضع الاختيار الإلكتروني للنطاق (ERS)، ببساطة اضغط مطولاً على الزر "+" حتى تختفي شاشة عرض حد الترس من مجموعة أجهزة القياس.

تحذير!
لا تخفض السرعة للحصول على مزيد من الفرملة للمحرك على الطرق الزلقة. لأن ذلك قد يفقد العجلات الموجهة قدرتها على التماسك وتنزلق السيارة مما قد يتسبب في وقوع تصادم أو إصابة شخصية.

متى يتم استخدام وضع TOW/HAUL (الجر/السحب)

حدد وضع TOW/ HAUL (السحب/ الجر) عند القيادة في ظروف مثل: القيادة في المناطق المرتفعة أو سحب مقطورة أو حمل ثقيل، إلخ. سيعمل هذا الوضع على تحسين الأداء وتقليل احتمال الارتفاع الزائد في درجة حرارة ناقل الحركة أو الخلل نتيجة نقل التروس الزائد عن الحد.

مفتاح الجر/السحب TOW/HAUL

يضيء مصباح مؤشر TOW/HAUL (الجر/السحب) في مجموعة أجهزة القياس للإشارة إلى أنه قد تم تنشيط وضع TOW/HAUL (الجر/السحب). يؤدي الضغط على المفتاح مرة ثانية إلى استعادة التشغيل العادي. يكون التشغيل العادي هو الوضع الافتراضي عند تشغيل المحرك. في حالة الرغبة في استخدام وضع TOW/HAUL (الجر/السحب)، يجب الضغط على المفتاح في كل مرة يتم فيها تشغيل المحرك.

تحذير!
لا تستخدم ميزة "TOW/HAUL" (الجر/السحب) عند القيادة على الطرق الثلجية أو الزلقة. يمكن أن تتسبب الفرملة الزائدة للمحرك في انزلاق العجلات الخلفية وانحراف السيارة مع احتمال فقدان التحكم في السيارة وهو ما قد يتسبب في وقوع حادث متسببًا في الإصابة الشخصية أو الوفاة.

4

تشغيل نظام الدفع الرباعي

إرشادات/احتياطات تشغيل نظام QUADRA-TRAC I - إذا كانت السيارة مزودة بذلك

إن وضع Quadra-Trac I هو علبة ناقل حركة ذات سرعة واحدة (النطاق العالي فقط) توفر دفعًا مريحًا رباعي العجلات كل الوقت. ولا يلزم هنا أي تفاعل من السائق. يوفر نظام التحكم في الجر والفرامل (BTC) والذي يضم نظامي الفرامل المانعة للانغلاق (ABS) والتحكم في الجر مقاومة لأية عجلة تنزلق وذلك للسماح بنقل عزم إضافي إلى العجلات المزودة بميزة الجر.

ملاحظة:

لا يُعد نظام Quadra-Trac I مناسبًا للظروف التي يُوصى فيها باستخدام نطاق 4WD LOW (الدفع الرباعي المنخفض) ⇦ صفحة ١٩٩.

⇦ صفحة ١٣٦. يؤدي استخدام ترس منخفض في مثل هذه الظروف إلى تحسين الأداء وإطالة عمر ناقل الحركة وذلك بتقليل نقل التروس بإفراط والحيلولة من دون ارتفاع درجة حرارة ناقل الحركة.

أثناء التشغيل في درجة الحرارة الباردة، قد يتم تعديل تشغيل ناقل الحركة وفقًا لدرجة حرارة المحرك وناقل الحركة وأيضًا سرعة السيارة. تزيد تلك الميزة من حسن استغلال وقت تسخين المحرك وناقل الحركة بغية الحصول على أقصى كفاءة في التشغيل. يمتنع تعشيق قابض محول العزم حتى يتم تسخين سائل ناقل الحركة. سيتم استئناف التشغيل العادي عند ارتفاع درجة حرارة ناقل الحركة إلى مستوى مناسب.

وضع Transmission Limp Home (التحرك البطيء لناقل الحركة)

تتم مراقبة وظيفة ناقل الحركة إلكترونيًا عند مواجهة ظروف غير عادية. عند اكتشاف أي حالة من الحالات التي قد تتسبب في تلف ناقل الحركة، يتم تنشيط وضع الحماية لناقل الحركة. في هذا الوضع، قد يعمل ناقل الحركة في تروس محددة فقط أو قد لا ينتقل إلى أي ترس. قد ينخفض أداء السيارة بشكل ملحوظ وقد يتوقف المحرك. في بعض المواقف، قد لا يتم تعشيق ناقل الحركة مرة أخرى إذا تم إيقاف المحرك وإعادة تشغيله. قد يضيء مصباح مؤشر العطل. تظهر رسالة في مجموعة أجهزة القياس لإعلام السائق بالظروف شديدة الخطورة كما تشير إلى الإجراءات التي قد تكون ضرورية في هذه الحالات.

في حالة حدوث مشكلة مؤقتة، يمكن إعادة ضبط ناقل الحركة لاسترداد عمل كافة التروس الأمامية وذلك عن طريق تنفيذ الخطوات التالية:

ملاحظة:

في الحالات التي تشير فيها رسالة مجموعة أجهزة القياس إلى احتمالية عدم إعادة تعشيق ناقل الحركة بعد إيقاف المحرك، نفذ هذا الإجراء فقط في المكان المطلوب (يفضل أن يتم ذلك عند وكيل معتمد).

1. أوقف السيارة.
2. قم بتغيير ناقل الحركة إلى وضع التوقف (P)، إن أمكن. وإلا، فانقل ناقل الحركة إلى وضع اللاتعشيق (N).
3. اضغط مطولاً على مفتاح التشغيل حتى يتم إيقاف تشغيل المحرك.
4. انتظر 30 ثانية تقريبًا.
5. أعد تشغيل المحرك.
6. ضع ذراع تغيير التروس في نطاق الترس المطلوب. عند انتهاء المشكلة، يعود ناقل الحركة إلى ظروف التشغيل العادية.

ملاحظة:

ينصح بزيارة الوكيل المعتمد في أقرب فرصة ممكنة حتى ولو كان بالإمكان إعادة ضبط ناقل الحركة. لدى الوكيل المعتمد معدات تشخيص لتقييم حالة ناقل الحركة.

إذا تعذر إعادة ضبط ناقل الحركة، فمن الضروري مراجعة الوكيل المعتمد.

تشغيل الاختيار الإلكتروني للنطاق (ERS)

يتيح التحكم في نقل الحركة من خلال ERS (الاختيار الإلكتروني للنطاق) للسائق تقييد أعلى ترس متاح عندما يكون ناقل الحركة في وضع DRIVE (القيادة) ويكون وضع الاختيار الإلكتروني للنطاق (ERS) غير نشط. على سبيل المثال، إذا قمت بتعيين حد ترس ناقل الحركة إلى الترس الرابع، فلن ينتقل ناقل الحركة إلى ترس أعلى من الترس الرابع (إلا لمنع سرعة المحرك الزائدة)، ولكن يتم النقل إلى التروس المنخفضة بشكل طبيعي.

يمكنك التنقل بين وضع DRIVE (القيادة) ووضع الاختيار الإلكتروني للنطاق (ERS) في أي سرعة للسيارة. عندما يكون محدد تروس ناقل الحركة في وضع DRIVE (القيادة)، سيعمل ناقل الحركة أوتوماتيكيًا، متنقلاً بين جميع التروس المتوفرة. يؤدي الضغط على الزر "-" (على عجلة القيادة) إلى تنشيط وضع الاختيار الإلكتروني للنطاق (ERS) وعرض الترس الحالي في مجموعة أجهزة القياس والحفاظ على هذا الترس كأعلى ترس متاح. وبمجرد التواجد في وضع الاختيار الإلكتروني للنطاق (ERS)، سيؤدي الضغط على الزر "-" أو "+" إلى تغيير أعلى ترس متاح.

نطاقات التروس

لا تضغط على دواسة الوقود عند نقل التروس من وضع التوقف (P) أو اللاتعشيق (N) إلى نطاق ترس آخر.

ملاحظة:

بعد اختيار أي وضع للتروس، انتظر قليلاً للسماح بتعشيق الترس المحدد قبل بدء التسارع. وهذا الأمر يعد هامًا عندما يكون المحرك باردًا.

التوقف (P)

يعتبر هذا النطاق مكملاً لفرامل التوقف إذ إنه يقوم بقفل ناقل الحركة. وبالإمكان بدء تشغيل المحرك عند وضع ناقل الحركة في هذا الوضع. امتنع منعًا باتًا عن استخدام وضع PARK (التوقف) أثناء تحرك السيارة. استعمل فرامل التوقف عند الخروج من السيارة في هذا النطاق.

عند التوقف على مرتفع، استخدم فرامل التوقف قبل نقل ناقل الحركة إلى وضع PARK (التوقف). ولمزيد من الاحتياط أدر العجلات الأمامية باتجاه الرصيف عند الوقوف على سفح منحدر وبعيدًا عن الرصيف عند الوقوف على سفح مرتفع.

عند الخروج من السيارة، دومًا:

- استعمل فرامل التوقف.
- قم بوضع ناقل الحركة في الوضع PARK (التوقف).
- أدر مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).
- أخرج حافظة المفاتيح من السيارة.

ملاحظة:

في سيارات الدفع الرباعي، تأكد من وجود علبة النقل في أحد أوضاع القيادة.

تنبيه!

- قبل تحريك محدد تروس ناقل الحركة إلى خارج وضع PARK (التوقف)، يجب عليك بدء تشغيل المحرك وأيضًا الضغط على دواسة الفرامل. وإلا فقد يتلف محدد التروس.
- لا تقم بتسريع المحرك عند نقل التروس من وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) إلى نطاق ترس آخر لأن ذلك قد يتلف مجموعة الدفع والحركة.

ينبغي استخدام المؤشرات التالية لضمان تعشيق ناقل الحركة في وضع PARK (التوقف) بطريقة صحيحة:

- انظر إلى شاشة عرض وضع ترس ناقل الحركة وتحقق من أنها تشير إلى وضع PARK (التوقف) (P) وأنها لا تومض.
- عند تحرير دواسة الفرامل، تحقق من أن محدد التروس لم يخرج من وضع PARK (التوقف).

الرجوع للخلف (R)

يستخدم هذا النطاق لتحريك السيارة إلى الخلف. انقل ذراع تغيير التروس إلى وضع REVERSE (الرجوع للخلف) فقط بعد إيقاف السيارة تمامًا.

اللاتعشيق (N)

استخدم هذا النطاق عند وقوف السيارة لفترات طويلة مع تشغيل المحرك. استخدم فرامل التوقف وحرك ناقل الحركة إلى وضع التوقف (P)، إذا كان يتعين الخروج من السيارة.

تحذير!

لا تقم بالهبوط من مكان مرتفع مع استخدام وضع NEUTRAL (اللاتعشيق) ولا تقم بإيقاف تشغيل المحرك في هذه الظروف. تعتبر هذه الممارسات غير الآمنة مقيدة لاستجابتك عند تغير ظروف المرور أو الطريق. فقد تفقد القدرة على التحكم في السيارة، وقد يحدث تصادم.

تنبيه!

قد ينجم عن سحب السيارة أو تركها تهبط بفعل الجاذبية أو القيادة لأي سبب في ظل وجود ناقل الحركة في وضع NEUTRAL (اللاتعشيق) تلف كبير بناقل الحركة.

للجر من أجل الاستجمام، راجع ⇦ صفحة ١٩٥.

لجر سيارة معطلة، راجع ⇦ صفحة ٣٣١.

القيادة (D)

ينبغي استخدام هذا النطاق عند السير داخل غالبية المدن وعلى الطرق السريعة. حيث يعد هذا أكثر تروس السرعة سلاسة في النقل لترس أعلى أو أقل وأكثرها ترشيدًا لاستهلاك الوقود. ينتقل ناقل الحركة أوتوماتيكيًا إلى ترس أعلى من خلال كافة التروس الأمامية.

عند حدوث نقل متكرر لناقل الحركة (كما يحدث عند تشغيل السيارة في ظل ظروف تحميل شاقة، أو في تضاريس جبلية، أو السير في مواجهة الرياح القوية أو أثناء سحب مقطورة ثقيلة)، استخدم مفتاح التحكم في نقل الاختيار الإلكتروني للنطاق (ERS) لتحديد ترس أقل

نظام ترابط وضع التوقف مع مفتاح التشغيل

هذه السيارة مزوّدة بنظام ترابط وضع التوقف مع مفتاح التشغيل والذي يتطلب تحريك ناقل الحركة إلى وضع PARK (التوقف) (P) قبل التمكن من إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). وسوف يساعد هذا السائق لتجنب ترك السيارة بشكل غير مقصود دون وضع ناقل الحركة في وضع PARK (التوقف). كما يقوم هذا النظام أيضًا باحتجاز ناقل الحركة في وضع PARK (التوقف) عندما يكون مفتاح التشغيل في وضع OFF (إيقاف التشغيل).

ملاحظة:

لا يتم قفل ناقل الحركة في وضع PARK (التوقف) عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) (على الرغم من أن المحرك سيكون في وضع إيقاف التشغيل). تأكد من أن ناقل الحركة في وضع PARK (التوقف)، ومفتاح التشغيل في وضع **OFF (إيقاف التشغيل)** (ليس في وضع ON/RUN (التشغيل/الانطلاق)) قبل الخروج من السيارة.

نظام ترابط الفرامل/ناقل الحركة (BTSI)

هذه السيارة مزودة بنظام ترابط الفرامل/ناقل الحركة (BTSI) والذي يحتفظ بمحدد ترس ناقل الحركة في وضع PARK (التوقف) ما لا يتم الضغط على الفرامل. لتحريك ذراع النقل خارج وضع PARK (التوقف)، يجب تشغيل المحرك والضغط على دواسة الفرامل. يجب الضغط على دواسة الفرامل للانتقال من وضع NEUTRAL (اللاتعشيق) إلى DRIVE (القيادة) أو REVERSE (الرجوع للخلف) عندما تكون السيارة متوقفة أو متحركة بسرعة منخفضة.

8-ناقل الحركة الأوتوماتيكي الثماني السرعات

يتم التحكم في ناقل الحركة باستخدام محدد التروس الإلكترونية الدوار الموجود بالكونسول المركزي. يتم عرض نطاق ترس ناقل الحركة (PRND) فوق محدد التروس وفي مجموعة أجهزة القياس. لتحديد نطاق أحد التروس، أدر ببساطة محدد التروس. يجب عليك الضغط على دواسة الفرامل لنقل ناقل الحركة خارج وضع PARK (التوقف) (أو من وضع NEUTRAL (اللاتعشيق) عند توقف السيارة أو الحركة بسرعات منخفضة). للانتقال متجاوزًا عدة نطاقات للتروس دفعة واحدة (كالانتقال من وضع PARK (التوقف) إلى وضع DRIVE (القيادة))، أدر ببساطة محدد التروس إلى الحابسة المناسبة. حدد نطاق DRIVE (القيادة) للقيادة العادية.

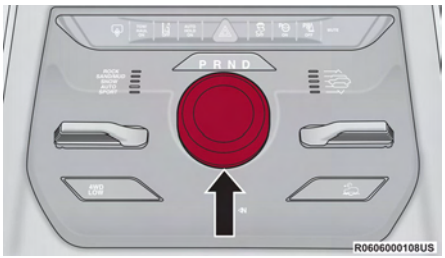
ملاحظة:

في حالة عدم وجود تطابق بين موضع محدد التروس وترس ناقل الحركة الفعلي (على سبيل المثال، يحدد السائق PARK (التوقف) أثناء القيادة)، يومض مؤشر الموضع بشكل مستمر حتى يتم إرجاع المحدد إلى الموضع المناسب، أو يمكن إكمال النقل المطلوب.

يقوم ناقل الحركة الذي يتم التحكم به إلكترونيًا بتهيئة جدول نقل تروسه وفقًا لإدخالات السائق بالإضافة إلى الظروف البيئية وظروف الطريق. وتتميز الأجهزة الإلكترونية لناقل الحركة بالمعايرة الذاتية، لذا قد تلاحظ تقطعات فجائية خلال تبديلات التروس الأولى في السيارة الجديدة الاستعمال. وهذا الأمر طبيعي ويتم الرجوع إلى سرعات الانتقال عالية الدقة بعد القيادة لبضعة مئات من الكيلومترات (الأميال).

يتم الانتقال من وضع DRIVE (القيادة) إلى وضع PARK (التوقف) أو REVERSE (الرجوع للخلف) عند تحرير دواسة الوقود وتوقف السيارة فقط. تأكد من إبقاء قدمك على دواسة الفرامل عند النقل بين هذه التروس.

يضم محدد ترس ناقل الحركة أوضاع PARK (التوقف) وREVERSE (الرجوع للخلف) وNEUTRAL (اللاتعشيق) وDRIVE (القيادة) فقط. يمكن القيام بالنقلات اليدوية لترس أدنى باستخدام مفتاح التحكم في نقل الحركة الخاص بالاختيار الإلكتروني للنطاق (ERS). يؤدي الضغط على مفتاحَي "-" GEAR (ترس لأسفل)/ "+" GEAR (ترس لأعلى) (على عجلة القيادة) أثناء التواجد في وضع DRIVE (القيادة) إلى تحديد أعلى ترس متاح لناقل الحركة، وعرض حد هذا الترس في مجموعة أجهزة القياس كالترس 1، 2، 3، إلخ، كما تعرض بعض الطُرز حد الترس المحدد والترس الحالي الفعلي أثناء التواجد في وضع الاختيار الإلكتروني للنطاق (ERS).



محدد التروس بناقل الحركة

ناقل الحركة الأوتوماتيكي

يجب الضغط مطولاً على دواسة الفرامل أثناء الخروج من وضع PARK (التوقف).

تحذير!

- لا تستخدم مطلقًا وضع التوقف P كبديل لفرامل التوقف. واستخدم فرامل التوقف دائمًا بصورة كاملة عند مغادرة السيارة لتفادي تحرك السيارة وحدوث إصابة أو تلف محتمل.
- قد تتحرك سيارتك وتتسبب في إصابتك والآخرين إذا لم تكن في وضع PARK (التوقف). تحقق من ذلك عن طريق محاولة تحريك محدد ترس ناقل الحركة خارج وضع PARK (التوقف) مع تحرير دواسة الفرامل. تأكد من وجود ناقل الحركة في وضع PARK (التوقف) قبل مغادرة السيارة.
- قد لا يتم تعشيق ناقل الحركة في وضع PARK (التوقف) إذا كانت السيارة تتحرك. احرص دائمًا على أن تتوقف السيارة تمامًا قبل النقل لوضع PARK (التوقف)، وتحقق من أن مؤشر وضع ترس ناقل الحركة يشير بثبات إلى وضع PARK (التوقف) من دون وميض. تأكد من توقف السيارة تمامًا، ومن الإشارة إلى وضع PARK (التوقف) بشكل صحيح، قبل مغادرة السيارة.
- إن تغيير التروس من وضع التوقف أو وضع اللاتعشيق (N) عندما تكون سرعة المحرك أعلى من سرعة التباطؤ ينطوي على خطورة. فإذا لم تكن قدمك على دواسة الفرامل بأكملها، فباستطاعة السيارة

(تابع)

تحذير!

التعجيل نحو الأمام أو الخلف بسرعة عالية. وقد تفقد السيطرة على السيارة وترتطم بأحد أو بشيء ما. قم بتغيير التروس فقط عند تباطؤ المحرك بشكل طبيعي بينما تكون قدمك على دواسة الفرامل بصورة تامة.

- تؤدي حركة السيارة بشكل غير مقصود إلى إصابة من يقف داخل السيارة أو بالقرب منها. وبالنسبة لجميع السيارات، لا ينبغي عليك مطلقًا مغادرة السيارة أثناء تشغيل المحرك. قبل الخروج من السيارة، قم بإيقافها بالكامل، ثم استعمل فرامل التوقف، وحرك ناقل الحركة إلى وضع PARK (التوقف)، وقم بإدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). عندما يكون مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، يتم احتجاز ناقل الحركة في وضع PARK (التوقف) لتأمين السيارة من أي حركة محتملة غير مرغوبة.
- عند الخروج من السيارة، تأكد دومًا أن مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، وقم بإزالة حافظة المفاتيح من السيارة وقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. وعليه يجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد ترس ناقل الحركة.

(تابع)

تحذير!

- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها (أو في مكان يتمكن الأطفال من الوصول إليه)، ولا تترك مفتاح التشغيل في وضع ON/RUN (التشغيل/ الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

تنبيه!

قد يتعرض ناقل الحركة للتلف إذا لم تراع الاحتياطات الواردة أدناه:

- لا تنقل إلى وضع التوقف أو وضع الرجوع للخلف (R) أو خارجهما إلا بعد إيقاف السيارة تمامًا.
- لا تقم بالتبديل بين وضع التوقف أو وضع الرجوع للخلف أو وضع اللاتعشيق أو وضع القيادة (D) عندما تكون سرعة المحرك أكبر من سرعة التباطؤ.
- قبل تحريك ذراع تغيير التروس إلى أي ترس تأكد من وضع قدمك على دواسة الفرامل بصورة محكمة.

التثبيت الأوتوماتيكي — إذا كانت السيارة مزوّدة بذلك

إن Auto Hold (التثبيت الأوتوماتيكي) هي ميزة مريحة تتيح للسائق إزالة قدمه عن دواسة الفرامل بمجرد توقف السيارة. يجب أن تتوقف السيارة تمامًا لفترة زمنية محددة مسبقًا عن طريق الفرامل الهيدروليكية. سيتم بعدئذ تعشيق فرامل التوقف الكهربائية (EPB) ومتابعة تثبيت السيارة على حالة التوقف حتى يضغط السائق على دواسة الوقود. يمكن تنشيط ميزة Auto Hold (التثبيت الأوتوماتيكي) أو إلغاء تنشيطها بالضغط على زر AUTO HOLD (التثبيت الأوتوماتيكي) الموجود في صف المفاتيح.

مفتاح AUTO HOLD (قضيب التأرجح)

يجب استيفاء الشروط الآتية حتى يتم تنشيط ميزة Auto Hold (التثبيت الأوتوماتيكي):

- إغلاق باب السائق
- ربط حزام أمان مقعد السائق
- توقف السيارة
- تحديد ترس السير للأمام
- عدم تعشيق نظام التحكم في تثبيت السرعة التكيفي (ACC)
- عدم استخدام فرامل التوقف الكهربائية (EPB)
- عدم تنشيط مناورة التوقف الأوتوماتيكية لنظام مساعد التوقف النشط ParkSense

وضع صيانة الفرامل

ننصح بصيانة الفرامل بواسطة وكيل معتمد. ينبغي عليك أن تقوم فقط بالإصلاحات التي لديك معرفة بها ولديك المعدات المناسبة لها. يجب عليك الدخول إلى وضع صيانة الفرامل أثناء خدمة الفرامل فقط.

عند صيانة الفرامل الخلفية، قد يكون من الضروري أن تقوم أنت أو الفني بدفع المكبس الخلفي في الجزء الخلفي من تجويف الآليات الفكية. بفضل استخدام نظام فرامل التوقف الكهربية (EPB)، يمكن القيام بذلك فقط بعد ضم مشغل فرامل التوقف الكهربية (EPB). ولحسن الحظ، يمكن القيام برد فعل المشغل بسهولة عن طريق الدخول إلى وضع صيانة الفرامل من خلال إعدادات نظام Uconnect في سيارتك. ستقوم هذه القائمة المعتمدة على النظام بتوجيهك من خلال الخطوات اللازمة لتفاعل مشغل فرامل التوقف الكهربية (EPB) من أجل إجراء صيانة الفرامل الخلفية.

تجب تلبية بعض المتطلبات لكي يتم تنشيط وضع الصيانة:

- يجب أن تكون السيارة في متوقفة.
- يجب ألا تكون فرامل التوقف مستخدمة.
- يجب أن يكون ناقل الحركة في وضع PARK (التوقف) أو NEUTRAL (اللاتعشيق).

في أثناء تعيين Maintenance Mode (وضع الصيانة)، سيومض ضوء تحذير فرامل التوقف الكهربائية (EPB) بشكل مستمر عندما يكون مفتاح التشغيل في وضع ON (التشغيل).

عند اكتمال أعمال صيانة الفرامل، يجب اتباع الخطوات التالية لإعادة ضبط نظام فرامل التوقف إلى التشغيل العادي:

- تأكد من أن السيارة متوقفة.
- اضغط على دواسة الفرامل بقوة معتدلة.
- استخدم مفتاح فرامل التوقف الكهربية (EPB).

تحذير!
يمكنك أن تتعرض للإصابة في حالة العمل داخل أحد المحركات أو حوله. قم بإجراء أعمال الصيانة التي تتوفر لديك المعلومات والمعدات الخاصة بها. وإذا تشككت في قدرتك على إجراء أعمال الخدمة في السيارة، خذ سيارتك إلى أحد فنيي الميكانيكا المؤهلين.

تحذير!

- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها أو في متناول الأطفال ولا تترك سيارة مزوّدة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ في وضع ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.
- تأكد من تحرير فرامل التوقف تمامًا قبل البدء بقيادة السيارة: لأن عدم القيام بذلك قد يؤدي إلى تعطّل الفرامل ووقوع حادث.
- قم دائمًا باستخدام فرامل التوقف عند ترك السيارة، وإلا فقد تنقلب السيارة وتتسبب في تلف الممتلكات أو الإصابة. تأكد أيضًا من ترك ناقل الحركة في وضع PARK (التوقف). إن عدم تنفيذ ذلك قد يتسبب في تدحرج السيارة وحدوث تلفيات أو إصابات.

تنبيه!

إذا استمر "ضوء تحذير الفرامل" في الإضاءة بعد تحرير فرامل التوقف، فإن ذلك يشير إلى احتمال وجود خلل بنظام الفرامل. قم بفحص نظام الفرامل لدى الوكيل المعتمد على الفور.

إذا جعلت بعض الظروف الاستثنائية من الضروري تعشيق فرامل التوقف أثناء تحرك السيارة، فحافظ على الضغط لأعلى على مفتاح فرامل التوقف الكهربية (EPB) ما دام التعشيق مطلوبًا. سيضيء ضوء تحذيري بشأن الفرامل وستصدر إشارة صوتية مستمرة. كما ستضيء أيضًا مصابيح التوقف الخلفية أوتوماتيكيًا أثناء تحرك السيارة.

لإلغاء تعشيق فرامل التوقف أثناء تحرك السيارة، قم بتحرير المفتاح. إذا تم إيقاف السيارة تمامًا باستخدام فرامل التوقف، فسوف تظل فرامل التوقف قيد التعشيق عندما تصل سرعة السيارة إلى ما يقرب من 5 كم/ساعة (3 أميال/الساعة).

تحذير!

قد تتسبب قيادة السيارة أثناء تعشيق فرامل التوقف أو الاستخدام المتكرر لفرامل التوقف من أجل إبطاء السيارة في حدوث تلف بالغ لنظام الفرامل. تأكد من إطلاق فرامل التوقف قبل البدء بقيادة السيارة: لأن عدم القيام بذلك قد يؤدي إلى عطل الفرامل ووقوع حادث.

في حال حدوث عطل في نظام فرامل التوقف الكهربية (EPB)، سيضيء ضوء تحذير فرامل التوقف الكهربية (EPB) الأصفر. وقد يكون ذلك مصحوبًا بوميض الضوء التحذيري بشأن الفرامل. وفي هذه الحالة، تكون بحاجة إلى الصيانة العاجلة لنظام فرامل التوقف الكهربية (EPB). لا تعتمد على فرامل التوقف لإبقاء السيارة متوقفة.

Auto Park Brake (فرامل التوقف الأوتوماتيكي)

يمكن تجاوز أي تعشيق فردي لفرامل التوقف الأوتوماتيكي بالضغط على مفتاح EPB (فرامل التوقف الكهربية) إلى وضع التحرير في أثناء وجود ناقل الحركة في وضع PARK (التوقف).

ميزة الإيقاف الآمن

ميزة SafeHold (الإيقاف الآمن) عبارة عن ميزة أمان لنظام فرامل التوقف الكهربية (EPB) التي ستقوم بتعشيق فرامل التوقف أوتوماتيكيًا في حال ترك السيارة بشكل غير آمن أثناء وجود مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

يتم تعشيق فرامل التوقف أوتوماتيكيًا في حال توافر جميع الشروط الآتية:

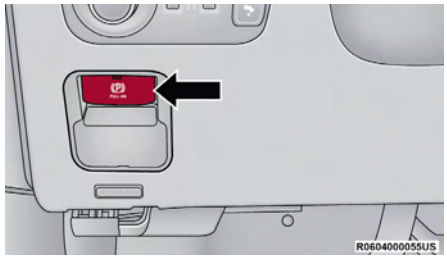
- السيارة متوقفة.
- لا توجد محاولة للضغط على دواسة الفرامل أو دواسة الوقود.
- حزام الأمان غير مربوط.
- باب السائق مفتوح.

يمكن تجاوز ميزة SafeHold (الإيقاف الآمن) بشكل مؤقت بالضغط على مفتاح فرامل التوقف الكهربية (EPB) في أثناء فتح باب السائق. وبمجرد تجاوزها يدويًا، فسيتم تمكين ميزة الإيقاف الآمن مرة أخرى بمجرد وصول سرعة السيارة إلى 20 كم/ساعة (12 ميلاً/ساعة) أو إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل)، ثم إلى وضع ON (التشغيل) مرة أخرى.

يمكنك تعشيق فرامل التوقف بطريقتين:

- يدويًا، عن طريق استخدام مفتاح فرامل التوقف الكهربية (EPB).
- أوتوماتيكيًا، عن طريق تمكين ميزة فرامل التوقف الأوتوماتيكي في قسم الميزات القابلة للبرمجة بواسطة العميل في إعدادات نظام Uconnect.

يوجد مفتاح فرامل التوقف الكهربية (EPB) في لوحة أجهزة القياس على يسار عجلة القيادة (أسفل مفتاح المصباح الأمامي).



مفتاح فرامل التوقف الكهربية

لاستخدام فرامل التوقف يدويًا، قم بجذب المفتاح لأعلى لفترة وجيزة. قد تستمع إلى صوت من الجزء الخلفي من السيارة أثناء تعشيق فرامل التوقف. بمجرد تعشيق فرامل التوقف بالكامل، سيضيء ضوء تحذيري بشأن الفرامل في مجموعة أجهزة القياس، وسيضيء المؤشر على المفتاح. إذا كانت قدمك على دواسة الفرامل أثناء تعشيق فرامل التوقف، فقد تلاحظ مقدارًا قليلًا من حركة دواسة الفرامل. يمكن استخدام فرامل التوقف حتى عندما يكون مفتاح التشغيل في وضع OFF (إيقاف التشغيل) ولكن لن يضيء ضوء تحذيري بشأن الفرامل، على أنه يمكن تحريرها فقط عندما يكون مفتاح التشغيل في وضع ON/ RUN (التشغيل/الانطلاق).

ملاحظة:

يضئ ضوء تحذير فرامل التوقف الكهربية (EPB) إذا تم الضغط على مفتاح فرامل التوقف الكهربية (EPB) لأكثر من 20 ثانية في وضع تحرير الفرامل أو وضع استخدام الفرامل. وينطفئ الضوء عند تحرير المفتاح.

في حالة تمكين ميزة فرامل التوقف الأوتوماتيكي، سيتم تعشيق فرامل التوقف أوتوماتيكيًا عند وضع ناقل الحركة في وضع PARK (التوقف)، أو عند إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) في حالة ناقل الحركة اليدوي. إذا كانت قدمك على دواسة الفرامل، فقد تلاحظ مقدارًا قليلًا من حركة دواسة الفرامل أثناء تعشيق فرامل التوقف.

سيتم تحرير فرامل التوقف أوتوماتيكيًا عند إدارة مفتاح التشغيل إلى وضع ON (التشغيل)، مع وجود ناقل الحركة في وضع DRIVE (القيادة) أو REVERSE (الرجوع للخلف) وربط حزام أمان مقعد السائق والقيام بمحاولة القيادة.

لتحرير فرامل التوقف يدويًا، يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق). ضع قدمك على دواسة الفرامل، ثم اضغط لأسفل على مفتاح فرامل التوقف الكهربية (EPB) لفترة وجيزة. قد تسمع صوت من الجزء الخلفي للسيارة أثناء فصل تعشيق فرامل التوقف. يمكنك أيضًا ملاحظة مقدارًا صغيرًا من حركة دواسة الفرامل. بمجرد تحرير فرامل التوقف بالكامل، سينطفئ الضوء التحذيري بشأن الفرامل في مجموعة أجهزة القياس، ومؤشر LED على المفتاح.

ملاحظة:

عند التوقف على تل، من المهم تدوير العجلات الأمامية إلى حافة الرصيف على المنحدر وبعيدًا عن حافة الرصيف على المرتفع. استعمل فرامل التوقف قبل وضع محدد التروس في وضع PARK (التوقف)، وإلا فإن الحمل الموجود على آلية قفل ناقل الحركة قد يجعل من الصعب تحريك محدد التروس إلى خارج وضع PARK (التوقف).

تحذير!

- لا تستخدم وضع التوقف PARK كبديل لفرامل التوقف. واستعمل فرامل التوقف دائمًا بصورة كاملة لتفادي تحرك السيارة وحدوث إصابات.
- عند مغادرتك السيارة، قم دائمًا بإيقاف تشغيل مفتاح الإشعال وتأمين حافظة المفاتيح وقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. ومن ثَمّ، يجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد التروس.

(تابع)

التشغيل في الطقس البارد (أقل من °22– فهرنهايت أو °30– مئوية)

لضمان بدء التشغيل بشكل صحيح في درجات الحرارة هذه، يُوصى باستخدام سخان كتلة محرك إلكتروني كهربي مدار من الخارج (متوفر لدى الوكيل المعتمد).

بعد البدء

يتم التحكم في سرعة التباطؤ أوتوماتيكيًا وسوف تنخفض هذه السرعة عند سخونة المحرك.

"تبريد" الشاحن التوربيني — محرك بسعة 3.0 لترات فقط

هذا المحرك ذو 3.0 لترات مجهز بمضخة تعمل بعد تشغيل السيارة لتبريد الشاحن التوربيني بعد إيقاف تشغيل المحرك. بناءً على نوع القيادة ومقدار الحمولة، ستعمل المضخة لمدة 20 دقيقة بحد أقصى بعد إيقاف تشغيل المحرك لتدوير سائل التبريد من خلال الشاحن التوربيني. على الرغم من أن المضخة مركبة على مطاط لكي تعمل بشكل هادئ، من الطبيعي أن تسمع صوت عملها خلال هذا الوقت.

سخان كتلة المحرك — إذا كانت السيارة مزوّدة بذلك

تقوم مدفأة كتلة المحرك بتسخين المحرك وتسمح بعمليات تشغيل سريعة في الطقس البارد. قم بتوصيل السلك بمنفذ تيار كهربي متردد قياسي تتراوح شدته من 110 إلى 115 فولت مع سلك تطويل مؤرض ثلاثي.

يجب توصيل سخان كتلة المحرك خلال ساعة واحدة على الأقل للحصول على تأثير تدفئة كاف على المحرك.

يتم لف سلك سخان كتلة المحرك وربطه خلف مجموعة فلتر تنقية هواء المحرك مباشرةً من الجهة المُصنِّعة.

تحذير!
تذكر فصل سلك سخان كتلة المحرك قبل القيادة. قد يتسبب تلف سلك التيار الكهربي الذي تتراوح شدته من 110 إلى 115 فولت في حدوث صدمة كهربية.

توصيات بخصوص تليين المحرك الجديد

يوصى بفترة تليين أولية لمجموعة نقل الحركة (المحرك، وناقل الحركة، والمحور، إلخ) في السيارة. سيسهم الالتزام بالإرشادات الآتية في تحسين إطالة العمر الافتراضي وترشيد استهلاك الوقود والأداء.

انطلق بسرعة معتدلة خلال أول 160 كم (100 ميل). بعد ذلك، وفي أول 500 ميل (800 كم)، تجنب السير بسرعة ثابتة لفترات الطويلة. من المستحسن تغيير السرعة، وعدد دورات المحرك في الدقيقة، ووضع الخانق.

تجنب الأداء العالي، والطرق غير الممهدة القاسية، والسحب في أول 800 كم (500 ميل).

ملاحظة:

قد يستهلك المحرك الجديد بعض الزيت خلال البضعة آلاف كيلومترات (أميال) الأولى من التشغيل. هذا أمر طبيعي خلال مرحلة التليين، ويجب ألا يُفسّر على أنه خلل. بالنسبة إلى المحركات غير المزوّدة بمستشعر مستوى الزيت، يُرجى التحقق من مستوى الزيت بشكل متكرر خلال فترة التليين. أضف الزيت المعتمد من الجهة المُصنِّعة حسب الحاجة ⇦ صفحة ٣٨٢.

تنبيه!
لا تستخدم زيتًا بدون مواد منظفة للمحرك أو زيتًا معدنيًا خالصًا في المحرك حتى لا يحدث تلف به. لا تستخدم إلا الزيوت المعتمدة من معهد البترول الأمريكي (API) ⇦ صفحة ٣٨٢.

فرامل التوقف

فرامل التوقف الكهربائية (EPB)

يتم تزويد سيارتك بنظام فرامل التوقف الكهربية (EPB) الذي يوفر التشغيل السهل، وبعض الميزات الإضافية التي تجعل فرامل التوقف أكثر راحة وفائدة.

تهدف فرامل التوقف بشكل أساسي إلى منع انزلاق السيارة أثناء التوقف. قبل مغادرة السيارة، تأكد من التعشيق الكامل لفرامل التوقف. تأكد أيضًا من ترك ناقل الحركة في وضع PARK (التوقف).

نطاق الدفع الرباعي (4WD) المنخفض — إذا كانت السيارة مزوّدة بذلك

سيتم تعطيل ميزة AutoPark (التوقف الأوتوماتيكي) عند تشغيل السيارة في وضع 4WD LOW (الدفع الرباعي المنخفض).

سيتم عرض الرسالة **"AutoPark Disabled" (تم تعطيل ميزة التوقف الأوتوماتيكي)** في مجموعة أجهزة القياس.

سيتم توفير تحذيرات إضافية للعميل عند استيفاء الشرطين التاليين:

- السيارة ليست في وضع PARK (التوقف)
- باب السائق مفتوح

سيتم عرض الرسالة **"AutoPark Not Engaged" (لم يتم تشغيل ميزة التوقف الأوتوماتيكي)** في مجموعة أجهزة القياس. سيتم إصدار إشارة تحذير صوتية حتى تقوم بنقل السيارة إلى وضع PARK (التوقف) أو بإغلاق باب السائق.

تحقق دومًا بعينيك من أن سيارتك في وضع التوقف بالبحث عن "P" في شاشة عرض مجموعة أجهزة القياس وعند ذراع تحديد التروس. لمزيد من الاحتياط، استخدم دائمًا فرامل التوقف عند الخروج من السيارة.

بدء التشغيل بعد التوقف الطويل

ملاحظة:

تحدث حالة التوقف الطويل في حالة عدم تشغيل السيارة أو قيادتها لمدة 30 يومًا على الأقل.

1. ثبت شاحن بطارية أو كابلات توصيل بالبطارية لضمان شحن البطارية بالكامل أثناء دورة تشغيل المحرك.
2. اضغط مطولاً على دواسة الفرامل مع الضغط على الزر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) مرة واحدة.
3. إذا لم يبدأ تشغيل المحرك في خلال 10 ثوان، فانتظر من 10 إلى 15 ثانية حتى يبرد بادئ التشغيل، ثم كرر إجراء التشغيل بعد التوقف الطويل.
4. إذا فشل تشغيل المحرك بعد ثماني محاولات، فاترك البادئ ليبرد لمدة 10 دقائق على الأقل، ثم كرر إجراء التشغيل بعد التوقف الطويل.

تنبيه!

ولكي تمنع حدوث التلف بجهاز بدء التشغيل، لا تقم بإدارة المحرك بشكل متواصل لأكثر من 10 ثوان في المرة الواحدة. انتظر من 10 إلى 15 ثانية قبل إجراء المحاولة مرة أخرى.

إذا لم يبدأ تشغيل المحرك

إذا لم يبدأ تشغيل المحرك بعد اتباعك إجراء "بدء التشغيل العادي" وعدم إيقاف السيارة لفترة طويلة كما هو محدد مسبقًا، فقد يكون في حالة غمر. اضغط على دواسة الوقود حتى تصل إلى أرضية السيارة ثم أبق قدمك على هذا الوضع مع تشغيل المحرك. ويؤدي اتباع هذه الخطوة إلى رفع أي مقدار زائد من الوقود في حال غمر المحرك.

يتعشق محرك جهاز بدء التشغيل أوتوماتيكيًا ويعمل لمدة 10 ثوان، ثم يفصل. عندئذ، حرر دواسة الوقود ودواسة الفرامل، وانتظر من 10 إلى 15 ثانية ثم كرر إجراء "بدء التشغيل العادي".

تحذير!

- لا تحاول أبدًا تشغيل السيارة بسكب الوقود أو أي سائل آخر قابل للاشتعال في منفذ الهواء الخاص بالصمام الخانق. لأن ذلك يتسبب في ظهور وميض ناري مفاجئ قد يؤدي إلى إصابات شخصية جسيمة.
- لا تحاول دفع أو سحب سيارتك لبدء تشغيل السيارة. السيارات المزودة بناقل حركة أوتوماتيكي لا يمكن بدء تشغيلها بهذه الطريقة. فقد يصل الوقود غير المحترق إلى المحول الحفاز ليشتعل بمجرد اشتغال المحرك مما يؤدي إلى تلف المحول والسيارة.
- فإذا كانت البطارية غير مشحونة، يمكن استخدام أسلاك مُعَزِزة للحصول على شحنة البدء من بطارية مُعززة أو من سيارة أخرى. قد يكون هذا النوع من بدء التشغيل خطرًا إذا تم بطريقة غير صحيحة ⇦ صفحة ٣٢٥.

تنبيه!

ولكي تمنع حدوث التلف بجهاز بدء التشغيل، لا تقم بإدارة المحرك بشكل متواصل لأكثر من 10 ثانية في المرة الواحدة. انتظر من 10 إلى 15 ثانية قبل إجراء المحاولة مرة أخرى.

تحذير!

- قد يؤدي عدم انتباه السائق إلى عدم نقل السيارة إلى وضع PARK (التوقف). قم دائمًا بالتحقق بصريًا من أن سيارتك في وضع PARK (التوقف) من خلال التحقق من وجود حرف "P" ثابت (لا يومض) في شاشة عرض مجموعة أجهزة القياس وعلى مقبض تبديل التروس. إذا كان المؤشر "P" يومض، فهذا يعني أن سيارتك ليست في وضع PARK (التوقف). لمزيد من الاحتياط، استخدم دائمًا فرامل التوقف عند الخروج من السيارة.
- AutoPark (التوقف الأوتوماتيكي) هي ميزة إضافية. إنها غير مصممة لتحل محل الحاجة إلى نقل السيارة إلى وضع PARK (التوقف). وهو نظام مساعد ويجب عدم الاعتماد عليه كطريقة أساسية يقوم فيها السائق بنقل السيارة إلى وضع PARK (التوقف).

إذا لم تكن السيارة في وضع التوقف وقام السائق بإيقاف تشغيل المحرك، فقد تتحول السيارة إلى ميزة AutoPark (التوقف الأوتوماتيكي).

سيتم تشغيل ميزة AutoPark (التوقف الأوتوماتيكي) عند استيفاء كل الشروط التالية:

- السيارة مزوّدة بناقل حركة ذي ثماني سرعات
- السيارة ليست في وضع PARK (التوقف)
- سرعة السيارة 1.9 كم/ساعة (1.2 ميل/ساعة) أو أقل
- تم تبديل مفتاح التشغيل من وضع RUN (الانطلاق) إلى وضع OFF (إيقاف التشغيل)

ملاحظة:

في السيارات المزوّدة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™، سيتم إيقاف تشغيل المحرك، وسيتغير مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق). بعد 30 دقيقة، سيتحول مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) أوتوماتيكيًا، إلا إذا قام السائق بتحويل مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

إذا لم تكن السيارة في وضع التوقف وخرج السائق من السيارة أثناء تشغيل المحرك، فقد تتحول السيارة إلى ميزة AutoPark (التوقف الأوتوماتيكي).

سيتم تشغيل ميزة AutoPark (التوقف الأوتوماتيكي) عند استيفاء كل الشروط التالية:

- السيارة مزوّدة بناقل حركة ذي ثماني سرعات
- السيارة ليست في وضع PARK (التوقف)
- سرعة السيارة 1.9 كم/ساعة (1.2 ميل/ساعة) أو أقل
- حزام أمان مقعد السائق غير مربوط
- باب السائق مفتوح
- دواسة الفرامل غير مضغوطة

ستظهر الرسالة **"AutoPark Engaged Shift To P Then Shift To Gear" (تم تشغيل ميزة التوقف الأوتوماتيكي، انقل إلى وضع التوقف (P) ثم انقل إلى ترس قيادة)** في مجموعة أجهزة القياس.

ملاحظة:

في بعض الحالات، سيتم عرض رسم ParkSense في مجموعة أجهزة القياس. وفي تلك الحالات، يجب إعادة ذراع نقل الحركة إلى وضع التوقف "P" لتحديد الترس المطلوب.

إذا قام السائق بالتبديل إلى وضع التوقف أثناء التحرك، فقد تتحول السيارة إلى ميزة AutoPark (التوقف الأوتوماتيكي).

لن يتم تشغيل ميزة AutoPark (التوقف الأوتوماتيكي) **إلا** عندما تبلغ سرعة السيارة 1.9 كم/ساعة (1.2 ميل/ساعة) أو أقل.

سيتم عرض الرسالة **"Vehicle Speed Is Too High To Shift To P" (سرعة السيارة عالية للغاية ولا يمكن التبديل إلى وضع التوقف (P))** في مجموعة أجهزة القياس إذا كانت سرعة السيارة أعلى من 1.9 كم/الساعة (1.2 ميل/ساعة).

تحذير!

إذا كانت سرعة السيارة أعلى من 1.9 كم/ساعة (1.2 ميل/ساعة)، فسيعود ناقل الحركة بصورة افتراضية إلى الوضع المحايد حتى تنخفض سرعة السيارة إلى أقل من 1.9 كم/ساعة (1.2 ميل/ساعة). يمكن أن تتحرك السيارة التي يتم تركها في وضع NEUTRAL (المحايد). لمزيد من الاحتياط، استخدم دائمًا فرامل التوقف عند الخروج من السيارة.

3. يتحكم النظام ويحاول تشغيل السيارة. إذا لم يبدأ تشغيل السيارة، فسيتوقف جهاز بدء التشغيل أوتوماتيكيًا بعد 10 ثوان.
4. إذا رغبت في إيقاف تدوير المحرك قبل تشغيله، فاضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) مرة ثانية.

لإيقاف تشغيل المحرك باستخدام الزر ENGINE START/STOP (بدء تشغيل/إيقاف تشغيل المحرك)

1. ضع محدد التروس في وضع PARK (التوقف)، ثم اضغط على الزر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) وحرره.
2. يعود مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).
3. إذا لم يكن محدد التروس في وضع PARK (التوقف)، فيجب الضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) لمدة ثانيتين أو ثلاث ضغطات قصيرة عندما تكون سرعة السيارة أعلى من 8 كم/ساعة (5 أميال/ساعة) قبل أن يتوقف المحرك. سيظل مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) إلى أن يصبح محدد التروس في وضع PARK (التوقف) ويتم ضغط الزر مرتين إلى وضع OFF (إيقاف التشغيل).
4. إذا لم يكن محدد التروس في وضع PARK (التوقف) وتم الضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف تشغيل المحرك) مرة واحدة، وكانت سرعة السيارة أعلى من 8 كم/الساعة (5 أميال/الساعة)، فستعرض مجموعة أجهزة القياس رسالة **"Vehicle Not In Park"** (السيارة ليست في وضع التوقف) وسيستمر المحرك في العمل. لا تترك المركبة أبدًا خارج وضع PARK (التوقف) كي لا تتدحرج.

ملاحظة:

إذا كان مقبض تبديل التروس في وضع PARK (الركن)، فاضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) عندما تكون سرعة السيارة أقل من 8 كم/الساعة (5 أميال في الساعة) قبل إيقاف تشغيل المحرك، وسيظل مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق). إذا انخفضت سرعة السيارة إلى أقل من 1.9 كم/الساعة (1.2 ميل/الساعة)، فقد تتحول السيارة إلى وضع AutoPark (الركن الأوتوماتيكي) ⇦ صفحة ١٢٦.

وظائف زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) — عندما لا تكون قدم السائق على دواسة الفرامل (في وضع PARK (التوقف) أو NEUTRAL (اللاتعشيق))

يعمل زر ENGINE START/STOP (بدء تشغيل/إيقاف تشغيل المحرك) بطريقة مشابهة لمفتاح الإشعال. وله وضعان: OFF (إيقاف التشغيل) وRUN (الانطلاق). ولتغيير مواضع مفتاح التشغيل من دون بدء تشغيل السيارة واستخدام الملحقات، اتبع الخطوات التالية:

1. بدء التشغيل أثناء وجود مفتاح التشغيل في وضع OFF (إيقاف التشغيل).
2. اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) مرة لوضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).
3. اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) مرة ثانية لإعادة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

ملاحظة:

اضغط على دواسة واحدة فقط في كل مرة أثناء قيادة السيارة. قد ينخفض أداء عزم السيارة إذا تم الضغط على الدواستين في الوقت ذاته. إذا تم اكتشاف ضغط على دواستين في الوقت ذاته، فستُعرَض رسالة تحذير في مجموعة أجهزة القياس ⇦ صفحة ٩٩.

AUTOPARK

يعد نظام AutoPark (التوقف الأوتوماتيكي) ميزة إضافية للمساعدة في نقل السيارة إلى وضع التوقف (P) في حال حدوث المواقف الواردة في الصفحات التالية. وهو نظام مساعد ويجب عدم الاعتماد عليه كطريقة أساسية يقوم فيها السائق بنقل السيارة إلى وضع PARK (التوقف).

ويتم توضيح الشروط التي يتم بموجبها استخدام ميزة AutoPark (التوقف الأوتوماتيكي) في الصفحات التالية.

البدء والتشغيل

بدء تشغيل المحرك

قبل تشغيل السيارة، اضبط المقعد والمرايا الداخلية والخارجية وقم بربط حزام الأمان وإذا كان هناك ركاب اطلب منهم جميعًا ربط أحزمة الأمان الخاصة بهم.

تحذير!

- قبل الخروج من السيارة، قم دومًا بالتوقف تمامًا، ثم ضع ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) ثم قم بتعشيق فرامل التوقف.
- تأكد دومًا من أن نقطة التشغيل دون مفاتيح في وضع OFF (إيقاف التشغيل)، ومن إزالة حافظة المفاتيح من السيارة وقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. لا تترك الأطفال في السيارة من دون مراقبة لأن ذلك يعرضهم للخطر لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. ومن ثَمّ، يجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد التروس.
- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه، ولا تترك مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) في سيارة مزودة بميزة الحركة والتشغيل

(تابع)

تحذير!

من دون مفتاح Keyless Enter ‘n Go™. فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي ارتفاع درجة الحرارة الداخلية إلى حدوث إصابات خطيرة أو الوفاة.

ناقل الحركة الأوتوماتيكي

يجب أن يكون محدد التروس في وضع اللاتعشيق (N) أو وضع التوقف (P) قبل أن تبدأ في تشغيل المحرك. استخدم الفرامل قبل نقل ذراع النقل إلى أي ترس من تروس القيادة.

تنبيه!

قد يتعرض ناقل الحركة للتلف إذا لم تراع الاحتياطات الواردة أدناه:

- لا تنقل ذراع تغيير التروس من وضع الرجوع للخلف (R) أو وضع التوقف أو وضع اللاتعشيق إلى أي وضع تروس آخر إلى الأمام عندما تكون سرعة المحرك أكبر من سرعة التباطؤ.
- انقل ذراع تغيير التروس إلى وضع الوقوف P فقط بعد إيقاف السيارة تمامًا.

(تابع)

تنبيه!

- انقل ذراع تغيير التروس من أو إلى وضع REVERSE (الرجوع للخلف) فقط بعد إيقاف السيارة تمامًا وعندما يكون المحرك في سرعة التباطؤ.
- قبل تحريك ذراع تغيير التروس إلى أي وضع تأكد من وضع قدمك على دواسة الفرامل بصورة محكمة.

4

— التشغيل عبر ميزة الحركة والتشغيل من دون مفتاح KEYLESS ENTER ‘N GO™

تتيح هذه الميزة للسائق تشغيل مفتاح التشغيل بضغطة زر ما دامت حافظة مفاتيح نظام بدء التشغيل عن بُعد/الدخول من دون مفتاح Keyless Enter ‘n Go™ في مقصورة الركاب.

بدء التشغيل العادي

لتشغيل المحرك باستخدام زر Engine START/STOP (بدء تشغيل/إيقاف تشغيل المحرك)

1. يجب أن يكون ناقل الحركة في وضع التوقف (P).
2. اضغط مطولاً على دواسة الفرامل مع الضغط على الزر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) مرة واحدة.

تحذير!

- ينبغي أن يقوم فقط فني الخدمة المعتمد بتوصيل الجهاز بمنفذ توصيل OBD II من أجل قراءة رقم تعريف السيارة (VIN) أو تشخيص السيارة أو صيانتها.
- إذا تم توصيل جهاز غير معتمد بمنفذ توصيل OBD II، مثل جهاز تتبع سلوك السائق، فربما:
  - يمكن أن يضعف أداء أنظمة السيارة، بما في ذلك الأنظمة المتعلقة بالأمان، أو قد يحدث فقد في التحكم في السيارة الأمر الذي يؤدي إلى وقوع حوادث تتضمن إصابة بالغة أو الوفاة.
  - الوصول، أو السماح للآخرين بالوصول، إلى المعلومات المخزنة في أنظمة السيارة، بما في ذلك المعلومات الشخصية.

ضوء مؤشر نظام التحكم في تحديد السرعة - إذا كانت السيارة مزودة بذلك

سيضيء هذا الضوء عِند تنشيط "Selec-Speed Control" (نظام التحكم في تحديد السرعة).

لتنشيط نظام التحكم في تحديد السرعة، تأكد من أن السيارة في وضع 4WD Low (الدفع الرباعي المنخفض) واضغط على الزر الموجود على لوحة أجهزة القياس.

ملاحظة:

إذا لم تكن السيارة في نطاق الدفع الرباعي المنخفض، فستظهر الرسالة "To Enter Selec-Speed Shift to 4WD Low" (لإدخال نقل تحديد السرعة إلى الدفع الرباعي المنخفض) في شاشة عرض مجموعة أجهزة القياس.

أضواء المؤشرات باللون الأزرق

ضوء مؤشر الضوء العالي

سيضيء هذا المؤشر للإشارة إلى تشغيل الضوء الأمامي ذي الضوء العالي. أثناء تنشيط الأضواء المنخفضة، اضغط على ذراع التحكم متعدد الوظائف إلى الأمام (تجاه الجزء الأمامي للسيارة) لتشغيل الأضواء العالية. اسحب الذراع متعدد الوظائف للخلف (تجاه الجزء الخلفي للسيارة) لإيقاف تشغيل الأضواء العالية. إذا كانت الأضواء العالية في وضع إيقاف التشغيل، فاسحب الذراع في اتجاهك لتشغيل الضوء العالي مؤقتًا، سيناريو "تشغيل الضوء الوامض للتنبيه بالتجاوز".

أضواء المؤشر باللون الرمادي

ضوء مؤشر إيقاف الرؤية الليلية — إذا كانت السيارة مزودة بذلك

ينبه هذا الضوء السائق إلى أن حالة نظام تحذير الرؤية الليلية هي تم الإيقاف ⇦ صفحة ١٧٨.

نظام الفحص الذاتي - OBD II

السيارة مزودة بنظام فحص ذاتي متطور يطلق عليه اسم OBD II. يراقب هذا النظام أداء الانبعاثات وأداء المحرك وأنظمة التحكم في ناقل الحركة. وعندما تعمل هذه الأنظمة بطريقة صحيحة، فإن ذلك يؤدي إلى ارتفاع مستوى أداء السيارة ويؤثر إيجابيًا على اقتصاديات استهلاك الوقود، إضافة إلى أنه يتحكم في انبعاثات المحرك وفقًا للقواعد الحكومية الراهنة.

وإذا تطلب الأمر إجراء بعض أعمال الصيانة لأي من هذه الأنظمة، فسيقوم نظام OBD II بتشغيل "مصباح مؤشر العطل". كما يقوم هذا النظام أيضًا بتخزين رموز تشخيصية ومعلومات أخرى لمساعدة فني الخدمة على إجراء الإصلاحات. وبالرغم من إمكانية قيادة السيارة دون الحاجة إلى السحب، يجب الرجوع إلى الوكيل المعتمد لإجراء صيانة في أقرب وقت ممكن.

تنبيه!

- تؤدي قيادة السيارة لفترات طويلة مع إبقاء ضوء مؤشر العطل قيد التشغيل إلى حدوث تلف في نظام التحكم في الانبعاثات. كما قد تؤثر أيضًا على اقتصاديات استهلاك الوقود والقدرة على القيادة. يجب صيانة السيارة قبل إجراء أي فحوص للانبعاثات.
- إذا ومض "ضوء مؤشر العطل (MIL)" أثناء عمل السيارة، فإن ذلك يدل على قرب حدوث تلف شديد في المحول الحفاز وفقدان الطاقة. وبالتالي يتطلب الأمر على الفور إجراء أعمال الخدمة.

نظام الفحص الذاتي (OBD II) CYBERSECURITY

يقتضي الأمر أن تتضمن سيارتك نظام الفحص الذاتي OBD II ومنفذ اتصال لإتاحة الوصول إلى المعلومات المتعلقة بأداء مفاتيح التحكم في الانبعاثات. قد يحتاج فنيو الصيانة المعتمدون إلى الوصول إلى هذه المعلومات للمساعدة في تشخيص سيارتك ونظام الانبعاثات وصيانتهما ⇦ صفحة ٢٠٣.

ضوء مؤشر تشغيل مصابيح التوقف/الأضواء الأمامية

سيضيء ضوء المؤشر هذا عندما تكون مصابيح التوقف أو الأضواء الأمامية في حالة تشغيل ⇦ صفحة ٦٠.

ضوء مؤشر وضع Sport (القيادة الرياضية)

يضيء هذا الضوء عندما يكون وضع Sport (الرياضة) نشطًا.

ضوء مؤشر الإيقاف/بدء التشغيل النشط

سيضيء ضوء المؤشر هذا عندما تكون وظيفة Stop/Start (الإيقاف/بدء التشغيل) في وضع "Autostop" (التوقف الأوتوماتيكي) ⇦ صفحة ١٤٤.

أضواء مؤشر إشارة الانعطاف

عند تنشيط إشارة الانعطاف اليمنى أو اليسرى، سيومض مؤشر إشارة الانعطاف بصورة مستقلة كما ستومض مصابيح إشارة الانعطاف الخارجية ذات الصلة. يمكن تنشيط إشارات الانعطاف عند تحريك ذراع التحكم متعدد الوظائف لأسفل (اليسار) أو لأعلى (اليمين).

ملاحظة:

- تصدر إشارة صوتية مستمرة إذا تمت قيادة السيارة لأكثر من 1.6 كم (1 ميل) أثناء عمل أي من إشارتي الانعطاف.
- ابحث عن لمبة الضوء الخارجي المعيبة إذا ومض أي من المؤشرين بسرعة عالية.

أضواء المؤشرات باللون الأبيض

ضوء مؤشر جاهزية وحدة التحكم في السرعة الثابتة المهايئة (ACC) — إذا كانت السيارة مزوّدة بذلك

يضيء هذا الضوء عندما تكون وحدة التحكم في السرعة الثابتة المهايئة (ACC) قيد التشغيل ولكن لم يتم ضبطها ⇦ صفحة ١٤٨.

ضوء مؤشر جاهزية التحكم في السرعة

سيضيء ضوء المؤشر هذا عندما يكون نظام التحكم في السرعة الثابتة جاهزًا، لكنه غير مضبوط ⇦ صفحة ١٤٦.

ضوء مؤشر التحكم في النزول من على المرتفعات (HDC) - إذا كانت السيارة مزودة بذلك

يضيء هذا المؤشر عند تشغيل ميزة التحكم في النزول من على المرتفعات (HDC). يكون الضوء ثابتًا عند تنشيط نظام التحكم في النزول من على المرتفعات (HDC). يمكن تشغيل نظام التحكم في النزول من على المرتفعات (HDC) فقط عندما تكون علبة النقل في وضع 4WD LOW (الدفع الرباعي المنخفض) وانخفاض سرعة السيارة عن 48 كم/ساعة (30 ميلاً/الساعة). إذا لم يتم الوفاء بهذه الشروط أثناء محاولة استخدام نظام التحكم في النزول من على المرتفعات، يومض ضوء مؤشر نظام التحكم في النزول من على المرتفعات ويتوقف عن الوميض.

ضوء مؤشر نظام مساعد السرعة الذكي (ISA) الجاهز— إذا كانت السيارة مزودة بذلك

يضم نظام مساعد السرعة الذكي (ISA) نظام محدد السرعة النشط ونظام مساعد إشارات وعلامات المرور (TSA) لضبط أقصى سرعة للسيارة أوتوماتيكيًا استنادًا إلى إشارات المرور المكتشفة. ستظهر الرسالة "Ready" (جاهز) مع ضوء مؤشر أبيض في شاشة عرض مجموعة أجهزة القياس للإشارة إلى أنه تم تنشيط النظام.

ضوء مؤشر نظام إدارة الحارة النشطة — إذا كانت السيارة مزودة بذلك

عندما يكون نظام Active Lane Management (إدارة الحارة النشطة) في الوضع ON (التشغيل) ولكن لم يتم تنشيطه، يضيء مؤشر Active Lane Management (إدارة الحارة النشطة) باللون الأبيض الثابت. يحدث ذلك عند اكتشاف الخط الأيمن فقط، أو الأيسر فقط، أو عدم اكتشاف أي خط حارة منهما. إذا تم اكتشاف خط حارة واحد، فإن النظام جاهز لتوفير تحذيرات مرئية فقط في حالة حدوث مغادرة غير مقصودة لحارة السير التي تم بها اكتشاف خط الحارة ⇦ صفحة ١٧٣.

ضوء مؤشر عدم وجود راكب في المقعد الخلفي — إذا كانت السيارة مزوّدة بذلك

يشير هذا الضوء إلى عدم وجود ركاب في مقاعد الركاب الخلفية، وسيضيء في أعلى الجزء الأيمن من شاشة عرض مجموعة أجهزة القياس للحظات ويحل محل المعلومات القابلة للتكوين في الزاوية.

ضوء مؤشر تجاوز أقصى حمولة صافية

يشير هذا الضوء إلى احتمالية تجاوز أقصى حمولة صافية أو تعذر ضبط مستوى الحمولة عند ارتفاع القيادة الحالي.

ضوء مؤشر وضع NEUTRAL (اللاتعشيق) - إذا كانت السيارة مزودة بذلك

يعمل هذا الضوء على تنبيه السائق إلى أن علبة نقل القدرة الخاصة بنظام الدفع الرباعي (4WD) في وضع NEUTRAL (اللاتعشيق) وأن عمودي التوجيه الأمامي والخلفي قد تم إلغاء تعشيقهما من مجموعة نقل الحركة.

ضوء مؤشر TOW/HAUL (الجر/السحب)

سيضيء ضوء المؤشر هذا عند اختيار وضع TOW/HAUL (السحب/الجر).

أضواء المؤشرات باللون الأخضر

ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC) مع ضوء مؤشر الهدف — إذا كانت السيارة مزوّدة بذلك

سيتم عرض ذلك عند ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC) واكتشاف سيارة أمامك ⇦ صفحة ١٤٨.

ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC) مع ضوء مؤشر عدم اكتشاف هدف - إذا كانت السيارة مزوّدة بذلك

سيتم عرض ذلك عند ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC) وعدم اكتشاف سيارة أمامك ⇦ صفحة ١٤٨.

ضوء مؤشر التثبيت الأوتوماتيكي - إذا كانت السيارة مزودة بذلك

يبقي Auto HOLD! (التثبيت الأوتوماتيكي!) السيارة في وضع توقف تام من دون الحاجة إلى إبقاء قدمك على دواسة الفرامل. بمجرد إضاءة مؤشر "HOLD" (التثبيت) بلون أخضر على شاشة عرض مجموعة أجهزة القياس.

ضوء مؤشر ضبط التحكم في السرعة الثابتة — إذا كانت السيارة مزودة بذلك

سيضيء ضَوء المؤشر هذا عند ضبط نظام التحكم في السرعة الثابتة على السرعة المرغوب بها ⇦ صفحة ١٤٦.

ضوء مؤشر الضباب الأمامي

سيضيء ضَوء المؤشر هذا عندما تكون مصابيح الضباب الأمامية مضيئة ⇦ صفحة ٦٠.

ضوء مؤشر نظام إدارة الحارة النشطة — إذا كانت السيارة مزودة بذلك

يضيء ضوء مؤشر Active Lane Management (إدارة الحارة النشطة) باللون الأخضر الثابت عند اكتشاف علامتي الحارة وعندما يكون النظام نشطًا وجاهزًا لتوفير تحذيرات مرئية وتحذيرات العزم إذا حدثت مغادرة الحارة بشكل غير مقصود ⇦ صفحة ١٧٣.

ضوء مؤشر ضبط نظام مساعد السرعة الذكي (ISA) — إذا كانت السيارة مزودة بذلك

يضم نظام مساعد السرعة الذكي (ISA) نظام محدد السرعة النشط ونظام مساعد إشارات وعلامات المرور (TSA) لضبط أقصى سرعة للسيارة أوتوماتيكيًا استنادًا إلى إشارات المرور المكتشفة. عند تعشيق النظام بالكامل واكتشاف حد السرعة الحالي باستخدام نظام مساعد إشارات وعلامات المرور (TSA)، ستتغير الرسالة في شاشة عرض مجموعة أجهزة القياس إلى "Set" (ضبط) مع السرعة المضبوطة الآن بواسطة محدد السرعة النشط وسيتحول المؤشر إلى اللون الأخضر.

ضوء مؤشر الرؤية الليلية النشطة — إذا كانت السيارة مزوّدة بذلك

ينبه هذا الضوء السائق إلى أن حالة نظام تحذير الرؤية الليلية هي نشط ⇦ صفحة ١٧٨.

تنبيه!

تم تحسين نظام مراقبة ضغط هواء الإطارات (TPMS) بحيث يعمل في أفضل صورة له مع مكونات الإطارات والعجلات الأصلية. تم تحديد مستويات ضغط نظام مراقبة ضغط هواء الإطارات (TPMS) وتحذيراته وفقا لحجم الإطار المزود في سيارتك. قد يحدث تشغيل غير سليم للنظام أو تلف بالمستشعر عند استخدام معدات بديلة ليست بنفس الحجم أو النوع أو الشكل. قد تتسبب العجلات المباعة بالأسواق في حدوث تلف للمستشعر. قد يتسبب استخدام موانع تسرب الإطارات المباعة بالأسواق في تعطيل مستشعر نظام مراقبة ضغط هواء الإطارات (TPMS). بعد استخدام موانع تسرب الإطارات التجارية، يُوصى باصطحاب السيارة إلى وكيل معتمد ليفحص وظيفة المستشعر.

ضوء تحذير تعطل خطاف السحب — إذا كانت السيارة مزوّدة بذلك

يضيء هذا المصباح عندما يوجد عطل في خطاف السحب. راجع الوكيل المعتمد لديك للحصول على الصيانة.

أضواء المؤشرات باللون الأصفر

ضوء مؤشر 4WD Low (وضع الدفع الرباعي المنخفض) - إذا كانت السيارة مزودة بذلك

4WD LOW

ينبه هذا الضوء السائق بأن السيارة في وضع 4WD LOW (الدفع الرباعي المنخفض). يتم قفل عمودي التوجيه الأمامي والخلفي ميكانيكيًا لإجبار العجلات الأمامية والخلفية على الدوران بنفس السرعة. يوفر النطاق المنخفض نسبة أعلى لتخفيض التروس من أجل زيادة قوة العزم على العجلات ⇦ صفحة ١٣٧.

ضوء مؤشر التعليق الهوائي النشط — إذا كانت السيارة مزوّدة بذلك

يضيء هذا الضوء عندما يضبط نظام التعليق الهوائي ارتفاع الركوب بفعالية ⇦ صفحة ١٤٠.

ضوء مؤشر ارتفاع القيادة الديناميكي الهوائي لنظام التعليق الهوائي - إذا كانت السيارة مزوّدة بذلك

AERO

يضيء هذا الضَوء عند ضبط نظام التعليق الهوائي على الإعداد الديناميكي الهوائي ⇦ صفحة ١٤٠.

ضوء مؤشر الدخول/الخروج للتعليق الهوائي - إذا كانت السيارة مزوّدة بذلك

ENTRY/ EXIT

ستتم إضاءة هذا الضوء عند خفض السيارة أوتوماتيكيًا أو يدوياً من وضع ارتفاع القيادة إلى أسفل لتسهيل عملية الدخول إلى السيارة والخروج منها ⇦ صفحة ١٤٠.

ضوء مؤشر طريق غير ممهد 1 بنظام التعليق الهوائي - إذا كانت السيارة مزودة بذلك

OFF RD 1

يضيء هذا المصباح عند ضبط نظام التعليق الهوائي على إعداد Off-Road 1 (طرق غير ممهدة 1) ⇦ صفحة ١٤٠.

ضوء مؤشر طريق غير ممهد 2 بنظام التعليق الهوائي - إذا كانت السيارة مزودة بذلك

OFF RD 2

يضيء هذا المصباح عند ضبط نظام التعليق الهوائي على إعداد Off-Road 2 (طرق غير ممهدة 1) ⇦ صفحة ١٤٠.

Auto HOLD! (التثبيت الأوتوماتيكي!) ضوء مؤشر وجود عطل — إذا كانت السيارة مزودة بذلك

HOLD!

وضع Auto HOLD (التثبيت الأوتوماتيكي)! سيضيء ضوء مؤشر العطل في حال اكتشاف عطل، وستتم الإشارة إليه بضوء المؤشر الأصفر "!HOLD" (التثبيت) وسيبقى مضاءً ما دام العطل موجودًا.

ضوء مؤشر إيقاف تشغيل تحذير التصادم الأمامي (FCW) أو فرامل طوارئ المشاة (PEB)

OFF

يضيء مصباح المؤشر هذا للإشارة إلى إيقاف تشغيل التحذير من التصادم الأمامي FCW أو فرامل طوارئ المشاة PEB ⇦ صفحة ٢٦٩.

يعمل هذا الضوء عندما لا يعمل نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) ويكون بحاجة إلى الصيانة.

ضوء تحذير صيانة نظام التصادم الأمامي (FCW) أو فرامل طوارئ المشاة (PEB)

سيضيء ضوء التحذير هذا للإشارة إلى وجود عطل في نظام تحذير التصادم الأمامي (FCW) أو فرامل طوارئ المشاة (PEB). اتصل بوكيل معتمد لإجراء الصيانة ⇦ صفحة ٢٦٩.

ضوء التحذير بشأن خدمة نظام الإيقاف/البدء

سيضيء هذا الضوء التحذيري عندما لا يعمل نظام الإيقاف/البدء بشكل صحيح وتكون هناك حاجة إلى الصيانة. راجع الوكيل المعتمد لديك للحصول على الصيانة.

ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS)

يضيء مصباح التحذير، تُعرَض رسالة للإشارة إلى أن ضغط هواء الإطار أقل من القيمة الموصى بها و/أو حدوث فقدان بطيء في الضغط. في هذه الحالات، قد لا تكون أفضل مدة للإطار وترشيد استهلاك الوقود مضمونة.

في حال وجود إطار واحد أو أكثر من الإطارات في الحالة المذكورة سابقًا، ستعرض شاشة العرض مؤشرات مناظرة لكل إطار.

تنبيه!

لا تستمر في القيادة مع وجود إطار أو أكثر من الإطارات المفرغة من الهواء حيث قد يتأثر أداؤها. أوقف السيارة، مع تجنب الفرملة والتوجيه بشكل حاد. في حالة حدوث ثقب في الإطار، يجب إصلاحه على الفور باستخدام عدة إصلاح الإطارات المخصصة واتصل بالوكيل المعتمد في أسرع وقت ممكن.

يجب فحص كل إطار بما في ذلك الإطار الاحتياطي (إذا كانت السيارة مزودة بذلك) شهريًا عندما تكون الإطارات باردة ومنتفخة إلى ضغط الهواء الموصى به من الجهة المصنعة للسيارة على ملصق السيارة أو ملصق ضغط هواء الإطار. إذا كانت سيارتك تحتوي على إطارات بأحجام مختلفة عن تلك المشار إليها على ملصق السيارة أو ملصق ضغط هواء الإطار، فيجب عليك تحديد ضغط هواء الإطار المناسب لتلك الإطارات.

تم تجهيز سيارتك بنظام مراقبة ضغط هواء الإطارات (TPMS) الذي يضيء مؤشر تحذير انخفاض ضغط هواء الإطار عندما يكون مستوى انتفاخ إطار واحد أو أكثر أقل من مستوى الانتفاخ القياسي بدرجة كبيرة كميزة أمان إضافية. وعلى هذا عند إضاءة إشارة انخفاض ضغط الإطار، يجب عليك التوقف وفحص الإطارات بأسرع ما يمكن ونفخها إلى مستوى الضغط المناسب. إن القيادة في وجود إطار به ضغط منخفض بشكل ملحوظ تسبب زيادة حرارة الإطار وقد تؤدي إلى تعطل الإطار. كما أن انخفاض ضغط هواء الإطار يقلل كفاءة الوقود وعمر مداس الإطار، وقد يؤثر على القدرة على قيادة السيارة وإيقافها.

الرجاء ملاحظة أن نظام مراقبة ضغط الإطارات لا يعد بديلاً عن الصيانة الصحيحة للإطارات ويعتبر السائق مسئولاً عن الاحتفاظ بالضغط الصحيح للإطارات، حتى إذا لم يصل الضغط المنخفض للإطارات إلى المستوى الذي يؤدي إلى إضاءة ضوء انخفاض ضغط الإطارات لنظام مراقبة ضغط الإطارات.

تم تزويد سيارتك أيضًا بمؤشر عطل لنظام مراقبة ضغط هواء الإطارات (TPMS) للإشارة إلى عدم عمل النظام بشكل صحيح. يندمج مؤشر عطل نظام مراقبة ضغط هواء الإطارات (TPMS) مع مصباح إنذار انخفاض ضغط الإطارات. عندما يكتشف النظام وجود عطل، سيومض مصباح الإنذار لمدة دقيقة واحدة تقريبًا ثم يظل مضاءً بصفة مستمرة. يستمر هذا التسلسل أثناء عمليات تشغيل السيارة المتتابعة طالما ظل العطل موجودًا. عندما يضيء مؤشر العطل، قد لا يتمكن النظام من اكتشاف أو الإشارة إلى انخفاض ضغط الإطار كما يجب. قد يحدث خلل في نظام مراقبة ضغط هواء الإطارات (TPMS) لأسباب متنوعة، بما في ذلك تركيب إطارات أو عجلات بديلة في السيارة والتي تمنع نظام مراقبة ضغط هواء الإطارات (TPMS) من العمل بشكل صحيح. تحقق دائمًا من مصباح إنذار عطل نظام مراقبة ضغط هواء الإطارات (TPMS) بعد استبدال إطار أو عجلة واحدة أو أكثر في السيارة للتأكد من سماح الإطارات أو العجلات البديلة لنظام مراقبة ضغط هواء الإطارات (TPMS) بالعمل بشكل صحيح ⇦ صفحة ٢٧٢.

ضوء تحذير انخفاض سائل الغاسلة

سيضيء ضَوء التحذير هذا عند انخفاض مستوى سائل غاسلة الزجاج الأمامي ⇦ صفحة ٣٣٦.

ضوء تحذير مؤشر العطل (MIL)/فحص المحرك

يعد فحص المحرك/ضوء مؤشر العطل (MIL) جزءًا من نظام تشخيص ذاتي يسمى OBD II يراقب أنظمة التحكم في المحرك وناقل الحركة الأوتوماتيكي. سيضيء ضوء التحذير هذا عند ضبط مفتاح التشغيل على وضع ON/RUN (التشغيل/الانطلاق) قبل تشغيل المحرك. إذا لم يضئ المصباح عند تدوير مفتاح التشغيل من وضع OFF (إيقاف التشغيل) إلى وضع ON/RUN (التشغيل/الانطلاق)، فمن الأفضل فحص هذه الحالة على الفور.

وقد تؤدي بعض الحالات مثل عدم ربط غطاء البنزين أو فقدانه أو استعمال نوعية رديئة من الوقود إلى إضاءة الضوء بعد تشغيل المحرك. يجب فحص السيارة إذا ظهر الضوء وبقي مضاءً أثناء قيادة السيارة تحت ظروف مختلفة. وفي أغلب الحالات يمكن قيادة السيارة بصورة عادية وليس من الضروري سحبها.

قد يومض "مصباح مؤشر العطل" أثناء تشغيل السيارة للتنبيه بوجود بعض الحالات الخطيرة التي قد تؤدي إلى فقدان فوري للطاقة أو تلف كبير بالمحول الحفاز. ويجب صيانة السيارة بواسطة الوكيل المعتمد في أسرع وقت ممكن إذا حدث ذلك.

تحذير!

يمكن أن يصل المحول الحفاز الذي به خلل كما هو مشار إليه مسبقًا إلى درجات حرارة أعلى من درجات الحرارة في ظروف التشغيل العادية. يمكن أن يسبب ذلك حريقًا إذا كانت السيارة تسير ببطء أو إذا توقفت فوق مواد قابلة للاشتعال مثل النباتات الجافة أو الخشب أو الكرتون وما إلى ذلك. قد يؤدي ذلك إلى الوفاة أو الإصابة الخطيرة للسائق أو الركاب أو غيرهم.

تنبيه!

إن القيادة لفترات طويلة في إضاءة ضوء مؤشر العطل (MIL) قد يتسبب في تلف نظام التحكم في السيارة. كما أن ذلك قد يؤثر على معدل ترشيد استهلاك الوقود وإمكانية القيادة. وإذا كان مصباح مؤشر العطل (MIL) يومض؛ فإن ذلك يدل على توقع حدوث تلف في المحول الحفاز وفقد للطاقة في وقت قريب. وبالتالي يتطلب الأمر على الفور إجراء أعمال الخدمة.

ضوء تحذير اكتشاف الحيوانات بالرؤية الليلية — إذا كانت السيارة مزودة بذلك

ينبه هذا الضوء السائق إلى اكتشاف نظام تحذير الرؤية الليلية لاقتراب حيوان من مسار السيارة.

ضوء تحذير اكتشاف المشاة بالرؤية الليلية — إذا كانت السيارة مزودة بذلك

يعمل ضوء المؤشر هذا على تنبيه السائق إلى اكتشاف نظام الرؤية الليلية اقتراب أحد المشاة من مسار السيارة.

ضوء تحذير العطل في مستشعر مستوى الزيت — إذا كانت السيارة مزوّدة بذلك

سيضيء ضوء التحذير هذا للإشارة إلى وجود عطل في مستشعر مستوى زيت المحرك. راجع الوكيل المعتمد لديك للحصول على الصيانة.

ضوء تحذيري لخدمة نظام الدفع الرباعي (4WD) — إذا كانت السيارة مزوّدة بذلك

سيضيء هذا الضوء التحذيري للإشارة إلى وجود عطل في نظام الدفع الرباعي (4WD). إذا ظل المصباح مضاءً أو أضاء أثناء القيادة، فإن ذلك يعني أن نظام الدفع الرباعي لا يعمل بشكل صحيح وأنه يلزم صيانته. ننصحك بالقيادة إلى أقرب مركز خدمة وصيانة السيارة على الفور.

ضوء تحذيري بشأن Service Adaptive Cruise Control (ACC) (صيانة وحدة التحكم في السرعة الثابتة المهايئة (ACC))

يضيء هذا الضَوء عندما لا تعمل وحدة التحكم في السرعة الثابتة المهايئة (ACC) وتحتاج إلى الصيانة ⇦ صفحة ١٤٨.

ضوء تحذير تعطل نظام اكتشاف نعاس السائق — إذا كانت السيارة مزودة بذلك

سيضيء هذا الضوء التحذيري في حال عدم عمل نظام اكتشاف نعاس السائق (DDD) بالشكل الصحيح وحاجته إلى الصيانة. يُرجى مراجعة الوكيل المعتمد.

ضوء تحذير فرامل التوقف الكهربائية

يضيء ضوء التحذير هذا للإشارة إلى أن فرامل التوقف الكهربية لا تعمل بشكل صحيح وأنه يلزم صيانة النظام. اتصل بالوكيل المعتمد.

ضوء التحذير من تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)

يشير ضوء التحذير هذا إلى أن نظام التحكم في الاستقرار الإلكتروني (ESC) في الوضع Active (نشط). سيضيء ESC Indicator Light (ضوء مؤشر نظام التحكم في الاستقرار الإلكتروني (ESC)) الموجود في مجموعة أجهزة القياس عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) وذلك عندما يكون نظام التحكم في الاستقرار الإلكتروني (ESC) نشطًا. وينطفئ المصباح أثناء تشغيل المحرك. إذا استمر ضوء مؤشر نظام التحكم في الاستقرار الإلكتروني (ESC) في الإضاءة، أثناء عمل المحرك، فإن هذا يدل على أنه قد تم اكتشاف عطل في نظام التحكم في الاستقرار الإلكتروني (ESC). إذا ظل ضوء التحذير هذا مضاءً بعد عدة دورات تشغيل، وتمت قيادة السيارة لعدة أميال (كيلومترات) بسرعات أعلى من 48 كم/ساعة (30 ميلاً/ساعة)، فراجع الوكيل المعتمد بأسرع ما يمكن لتشخيص المشكلة وحلها.

- يضيء كل من ESC OFF Indicator Light (ضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC)) و ESC Indicator Light (ضوء مؤشر نظام التحكم في الاستقرار الإلكتروني (ESC)) لفترة قصيرة في كل مرة يتم فيها إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).
- يصدر عن نظام التحكم في الاستقرار الإلكتروني (ESC) صوت طنين أو نقر عندما يكون نشطًا. وهذا أمر عادي؛ ستتوقف الأصوات عندما يصبح نظام التحكم في الاستقرار الإلكتروني (ESC) غير نشط.
- سوف يضيء هذا الضوء عندما تكون السيارة في وضع نظام التحكم في الاستقرار الإلكتروني (ESC).

ضوء التحذير من إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC)

يشير ضوء التحذير هذا إلى إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC). يعمل نظام التحكم في الاستقرار الإلكتروني (ESC) في كل مرة تتم فيها إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) حتى إذا كان قد تم إيقافه في وقت سابق.

ضوء تحذير صيانة نظام إدارة الحارة النشطة — إذا كانت السيارة مزودة بذلك

سيضيء هذا الضوء التحذيري في حالة عدم تشغيل نظام Active Lane Management (إدارة الحارة النشطة) لا يعمل وحاجته إلى الصيانة. يُرجى مراجعة الوكيل المعتمد.

ضوء تحذير نظام إدارة الحارة النشطة — إذا كانت السيارة مزودة بذلك

سيكون ضوء تحذير نظام Active Lane Management (إدارة الحارة النشطة) ثابتًا باللون الأصفر عند اقتراب السيارة من علامة حارة السير. سيومض ضوء التحذير عند عبور السيارة لعلامة حارة السير ⇦ صفحة ١٧٣.

ضوء تحذير انخفاض مستوى الوقود

عند وصول مستوى الوقود إلى 2 جالون (7.5 لترات) تقريبًا، سيضيء هذا الضوء وسيصدر جرس واحد. ويستمر بالإضاءة إلى أن يضاف الوقود إلى الخزان.

ضوء تحذير تعطل نظام نفاد الوقود — إذا كانت السيارة مزودة بذلك

يضيء هذا الضوء حال وجود عطل في نظام نفاد الوقود. إذا أضاء هذا الضوء، فتوجّه إلى وكيل معتمد لفحصه.

ضوء تحذيري بشأن ضغط الزيت

سيضيء ضوء التحذير هذا الضوء للإشارة إلى انخفاض ضغط زيت المحرك. إذا ظهر الضوء أثناء القيادة، فأوقف السيارة، وأطفئ المحرك في أسرع وقت ممكن واتصل بوكيل معتمد. وستسمع طنينًا عند ظهور الضوء.

لا تقم بتشغيل السيارة إلا بعد تصليح العطل. ولا يشير هذا الضوء إلى كمية الزيت في المحرك.

ضوء تحذير درجة حرارة الزيت

سيضيء ضوء التحذير هذا الضوء للإشارة إلى ارتفاع درجة حرارة زيت المحرك. عند إضاءة الضوء أثناء القيادة، تحرك بأمان بالسيارة إلى جانب الطريق وقم بإيقافها (أبق المحرك قيد التشغيل). إذا لم تعد درجة الحرارة إلى درجة الحرارة العادية بعد بضع دقائق، فأوقف تشغيل المحرك واتصل بالصيانة.

ضوء تحذير التذكير بربط حزام الأمان

يشير ضوء التحذير هذا إلى عدم ربط حزام الأمان للسائق أو الراكب. عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) لأول مرة وإذا كان حزام مقعد السائق غير مربوط، فستصدر إشارة صوتية ويضيء الضوء. أثناء القيادة، إذا ظل حزام أمان السائق أو الراكب الأمامي غير مربوط، فسوف يومض ضوء التذكير بربط حزام الأمان أو يظل مضاءً بشكل متواصل مع صدور إشارة صوتية ⇦ صفحة ٢٧٧.

ضوء تحذير السرعة - إذا كانت السيارة مزودة بذلك

سيضيء ضوء التحذير هذا عندما تكون سرعة السيارة مساوية أو أكبر من 120 كم/ساعة. ستنطلق صافرة واحدة وسيتم عرض رسالة.

ضوء تحذير ارتفاع درجة حرارة ناقل الحركة - إذا كانت السيارة مزودة بذلك

سيضيء ضوء التحذير هذا للتحذير من ارتفاع درجة حرارة سائل ناقل الحركة. وقد يحدث ذلك كنتيجة للاستخدام الشاق كما هو الحال عند سحب مقطورة. إذا أضاء هذا الضوء، فقم بإيقاف السيارة وتشغيل المحرك على سرعة التباطؤ أو سرعة أعلى قليلاً، مع وجود ناقل الحركة في وضع التوقف (P) أو وضع اللاتعشيق (N) حتى ينطفئ الضوء. بمجرد انطفاء الضوء، يمكنك متابعة القيادة بشكل عادي.

تحذير!
في حالة متابعة تشغيل السيارة مع إضاءة ضوء تحذير درجة حرارة ناقل الحركة فقد تتسبب في غليان السائل ومن ثم ملامسته للمحرك الساخن أو مكونات نظام العادم مما قد يتسبب في نشوب حريق.

تنبيه!
ستؤدي القيادة المستمرة مع إضاءة ضوء التحذير الخاص بدرجة حرارة ناقل الحركة إلى التسبب في إلحاق تلف خطير بناقل الحركة أو تعطله عن التشغيل.

ضوء أمان السيارة التحذيري — إذا كانت السيارة مزوّدة بذلك

يومض هذا الضوء لمدة 15 ثانية تقريبًا عند تشغيل نظام أمان السيارة، ثم يومض ببطء حتى يتم تعطيل أمان السيارة.

أضواء التحذير باللون الأصفر

ضوء تحذير نظام الفرامل المانعة للانغلاق (ABS)

يراقب ضوء التحذير هذا نظام الفرامل المانعة للانغلاق (ABS). ويظهر هذا الضوء عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) وقد يستمر في الإضاءة لمدة أربع ثوان تقريبًا.

وإذا استمر ظهور ضوء نظام الفرامل المانعة للانغلاق (ABS) أو أضاء أثناء القيادة فإن ذلك يدل على أن جزء منع الانغلاق من نظام الفرامل لا يعمل وأن هناك حاجة إلى صيانة النظام في أقرب وقت ممكن. مع ذلك سيستمر نظام الفرامل التقليدي في العمل بصورة عادية بافتراض أن "ضوء تحذير الفرامل" غير مضيء أيضًا.

وإذا لم يظهر نظام الفرامل المانعة للانغلاق (ABS) عند وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق)، فقم بفحص نظام الفرامل لدى الوكيل المعتمد.

ضوء التحذير من عطل بنظام التعليق الهوائي

سيضيء هذا المصباح عند اكتشاف عطل في نظام التعليق الهوائي.

ضوء تحذير نظام التحكم الإلكتروني في صمام الاختناق (ETC)

سيضيء مصباح التحذير هذا للإشارة إلى وجود مشكلة في نظام التحكم الإلكتروني في صمام الاختناق (ETC). إذا تم اكتشاف مشكلة أثناء تشغيل السيارة، فسيظل المصباح مضاءً أو سيومض بناءً على طبيعة المشكلة. أدر مفتاح التشغيل عندما تكون السيارة متوقفة بأمان وبشكل كامل وعندما يكون ذراع النقل في وضع PARK (التوقف). يجب أن يتوقف تشغيل الضوء. إذا ظل المصباح مضاءً أثناء تشغيل المحرك، فعادة ما يكون بإمكانك قيادة السيارة ولكن راجع الموزع المعتمد لصيانة السيارة في أسرع وقت ممكن.

ملاحظة:

قد يضيئ هذا الضوء في حالة الضغط على دواسة الوقود والفرامل في الوقت ذاته.

إذا استمر المصباح في الوميض أثناء تشغيل السيارة، فهذا يعني أنه يلزم صيانة السيارة على الفور وقد تتعرض السيارة لانخفاض في الأداء وتباطؤ مرتفع/مزعج أو يتوقف المحرك ويلزم سحب السيارة. سيضيء الضوء عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) ويظل مضاءً لفترة وجيزة كفحص بالمصباح. إذا لم يضيء الضوء أثناء بدء التشغيل، فافحص النظام لدى الوكيل المعتمد.

ضوء تحذير درجة حرارة سائل تبريد المحرك

ينبّه ضوء التحذير هذا إلى حالة السخونة المفرطة للمحرك. إذا ارتفعت درجة حرارة سائل تبريد المحرك بدرجة عالية، فسيضيء هذا المؤشر وتصدر إشارة صوتية واحدة. إذا وصلت درجة الحرارة إلى الحد الأعلى، فستصدر إشارة صوتية مستمرة لمدة أربع دقائق أو حتى يبرد المحرك؛ أيهما يحدث أولاً.

عند إضاءة الضوء أثناء القيادة، تحرك بأمان بالسيارة إلى جانب الطريق وقم بإيقافها. إذا كان نظام مكيف الهواء يعمل فأوقف تشغيله. انقل أيضًا ناقل الحركة إلى وضع اللاتعشيق (N) واجعل السيارة في حالة تباطؤ. إذا لم تعد قراءة درجة الحرارة إلى الوضع الطبيعي، فأوقف تشغيل المحرك على الفور واتصل بالصيانة ⇦ صفحة ٣٢٧.

ضوء تحذير فتح غطاء المحرك

يضيء ضوء التحذير هذا عند فتح غطاء المحرك وعدم غلقه بالكامل.

ملاحظة:

إذا كانت السيارة تتحرك، فسوف تصدر إشارة صوتية واحدة.

ضوء تحذيري بشأن فتح باب المؤخرة

يضيء ضوء التحذير هذا عند فتح باب المؤخرة.

ملاحظة:

إذا كانت السيارة تتحرك، فسوف تصدر إشارة صوتية واحدة.

ضوء تحذير اكتشاف الحيوانات بالرؤية الليلية — إذا كانت السيارة مزودة بذلك

يضيء ضوء اكتشاف الحيوانات في وضع الرؤية الليلية باللون الأحمر عند اكتشاف حيوان في مسار السيارة مباشرةً، بالقرب من المصابيح الأمامية، واحتمال وقوع تصادم.

في حال تمكينه، يقوم بإصدار إشارة صوتية وقد تظهر رسالة فيديو منبثقة عند حدوث الاكتشاف.

ضوء تحذير اكتشاف المشاة بالرؤية الليلية — إذا كانت السيارة مزودة بذلك

يضيء ضوء التحذير بشأن اكتشاف المشاة في وضع الرؤية الليلية باللون الأحمر عند اكتشاف أحد المشاة في مسار السيارة مباشرةً، بالقرب من المصابيح الأمامية، واحتمال وقوع تصادم.

في حال تمكينه، يقوم بإصدار إشارة صوتية وقد تظهر رسالة فيديو منبثقة عند حدوث الاكتشاف.

ضوء تحذير مستوى الزيت — إذا كانت السيارة مزوّدة بذلك

سيضيء ضوء التحذير هذا للإشارة إلى وجود مشكلة في مستوى زيت السيارة. يصدر صوت صافرة عند إضاءة هذا الضوء ويتم عرض رسالة للإشارة إلى أن مستوى الزيت أقل من المستوى المناسب أو أعلى منه. قد تؤدي القيادة المستمرة إلى تلف المحرك، لذا قم بإضافة (أو تصريف) الزيت الذي توصي به الجهة المُصنِّعة حسب الحاجة للوصول إلى المستوى المناسب.

ملاحظة:

قد يومض الضوء بشكل سريع أثناء مناورات الانعطاف الحادة بسبب حدث تغيرات في مستوى السائل. يجب صيانة السيارة، وفحص مستوى سائل الفرامل.

في حالة أي عطل في الفرامل قم بتصليحه فورًا.

تحذير!
من الخطورة قيادة السيارة عندما يضاء ضوء الفرامل الأحمر. فقد يعني ذلك أن عطلاً ما قد حدث في أحد أجزاء نظام الفرامل. وستحتاج إلى وقت أطول لإيقاف السيارة. مما قد يؤدي إلى وقوع حادث. افحص الفرامل فورًا.

السيارات المزودة بنظام الفرامل المانعة للانغلاق (ABS) تكون مزودة كذلك بنظام توزيع قوة الفرامل الإلكتروني (EBD). يضئ كل من ضوئي تحذير الفرامل والفرامل المانعة للانغلاق في حالة وجود خلل بنظام توزيع قوة الفرامل الإلكتروني. وفي هذه الحالة يجب إصلاح نظام الفرامل المانعة للانغلاق فورًا.

ومن الممكن فحص ضوء تحذير الفرامل وذلك بتدوير مفتاح التشغيل من وضع OFF (إيقاف التشغيل) إلى وضع ON/RUN (التشغيل/الانطلاق). يجب أن يضيء الضوء لمدة أربع ثوان تقريبًا. ويجب أن يختفي الضوء بعد ذلك إلا إذا كانت فرامل التوقف مستعملة أو إذا كان هناك عطل في الفرامل. إذا لم يضئ المصباح؛ فافحص النظام لدى الوكيل المعتمد.

ويظهر الضوء أيضًا عند استعمال فرامل التوقف وعندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

ملاحظة:

هذا الضوء يبين فقط أن فرامل التوقف مستخدمة. ولا يبين درجة فعالية استخدام الفرامل.

ضوء تحذيري بشأن شحن البطارية

سيضيء ضوء التحذير هذا عندما لا يتم شحن البطارية بصورة صحيحة. إذا استمر الضوء أثناء عمل المحرك، فقد يدل ذلك على وجود عطل في نظام الشحن. راجع الوكيل المعتمد بأسرع ما يمكن.

يدل هذا على وجود مشكلة محتملة في النظام الكهربي أو مكون ذو صلة.

ضوء تحذيري بشأن ترك الباب مفتوحًا

يضيء هذا المؤشر عندما يتم ترك أحد الأبواب مفتوحًا وغير مغلق بشكل محكم.

ملاحظة:

إذا كانت السيارة تتحرك، فسوف تصدر إشارة صوتية واحدة.

ضوء تحذير اكتشاف نعاس السائق — إذا كانت السيارة مزودة بذلك

يراقب نظام اكتشاف نعاس السائق (DDD) حركة معينة للسيارة وتفاعلات السائق لتحديد الأنماط التي تشير إلى الشعور بالنعاس. إذا تم اكتشاف ذلك، فسيرسل النظام إشارة صوتية ومرئية إلى السائق لاتخاذ الاحتياطات اللازمة. سيتم عرض رسالة منبثقة باستمرار حتى يضغط السائق على زر **OK (موافق)** لمسحها.

بمجرد مسح الرسالة المنبثقة، يتم تخزينها حتى تصبح الحالة غير صحيحة ⇦ صفحة ٢٥٦.

مصباح تحذير تعطل التوجيه المعزز كهربيًا (EPS)

سيتم تشغيل ضوء التحذير هذا عند وجود عطل في نظام التوجيه المعزز كهربيًا (EPS) ⇦ صفحة ١٤٤.

تحذير!
قد تعرض نفسك والآخرين إلى الخطر عند الاستمرار في قيادة السيارة بعد انخفاض المساعدة في نظام التوجيه. يجب إجراء أعمال الصيانة في أسرع وقت ممكن.

ما الذي يجب عمله عند ظهور رسالة إجراء تقليل الحمل الكهربي ("Battery Saver On" (تشغيل موفر طاقة البطارية) أو "Battery Saver Mode" (موفر طاقة البطارية))

أثناء القيام برحلة:

- قلل الطاقة التي تصل إلى الأحمال غير الضروري، إذا أمكن:
  - أوقف تشغيل الأضواء المتكررة (الداخلية أو الخارجية)
  - تحقق مما يمكن توصيله بمآخذ الطاقة +12 فولت و230 فولت من التيار المتردد ومنافذ USB
  - تحقق من إعدادات التسخين والتهوية ومكيف الهواء (HVAC) (المروحة، درجة الحرارة)
  - تحقق من إعدادات الصوت (مستوى الصوت)

بعد القيام برحلة:

- تحقق مما إذا كان تم تركيب أي معدات بديلة (مصابيح إضافية، تركيبة الملحقات الكهربية، أنظمة الصوت، الإنذارات) مع مراجعة المواصفات إذا وجد أي منها (تيارات الحمل وسحب إيقاف الإشعال).
- قيّم أحدث دورات من القيادة (المسافة، ووقت القيادة وقت التوقف).
- يتعين إجراء خدمة السيارة إذا ظلت الرسالة معروضة أثناء الرحلات المتعاقبة، وإذا لم يساعد التقييم ونمط القيادة في تحديد السبب.

أضواء ورسائل التحذير

ستضيء أضواء المؤشرات/التحذير في لوحة أجهزة القياس مع رسالة مخصصة و/أو إشارة صوتية، عندما يكون ذلك ممكنًا. تعد هذه المؤشرات تدابير وقائية وإرشادية، ولذا لا يجب اعتبارها تدابير شاملة و/أو بديلة للمعلومات الواردة في دليل المالك، والتي يُنصح بقراءتها بعناية في جميع الحالات. قم دائمًا بالرجوع إلى المعلومات الواردة في هذا الفصل في حالة ظهور مؤشر عطل. يتم عرض جميع الأضواء المؤشرة النشطة أولاً، إذا كان ذلك ممكنًا. قد تظهر قائمة التحقق من النظام مختلفة وذلك حسب خيارات الأجهزة وحالة السيارة الحالية. تكون بعض الأضواء المؤشرة اختيارية وقد لا تظهر.

أضواء التحذير باللون الأحمر

ضوء تحذيري بشأن الوسادة الهوائية

سيضيء ضوء التحذير هذا للإشارة إلى وجود عطل في الوسادة الهوائية، وسيضيء لمدة تتراوح بين أربع وثماني ثوان كنوع من الفحص بالمصباح عند ضبط مفتاح التشغيل على وضع ON/RUN (التشغيل/الانطلاق). يضيء هذا الضوء مع إشارة صوتية واحدة عند اكتشاف خلل في الوسادة الهوائية، وسيظل مضاءً حتى يتم إصلاح الخلل. إذا لم يضئ هذا الضوء عند بدء التشغيل أو إذا استمر في الإضاءة أو إذا ظهر أثناء القيادة، فيجب فحص النظام لدى الوكيل المعتمد في أقرب وقت ممكن.

ضوء تحذيري بشأن الفرامل

يقوم ضوء التحذير هذا بمراقبة وظائف متعددة لنظام الفرامل بما في ذلك مستوى سائل الفرامل واستعمال فرامل التوقف. إذا ظهر ضوء الفرامل، فقد يشير ذلك إلى استعمال فرامل التوقف أو انخفاض مستوى سائل الفرامل أو وجود مشكلة بنظام الفرامل المانعة للانغلاق.

إذا ظل الضوء مضاءً عند فصل فرامل التوقف، وكان مستوى السائل عند علامة الاكتمال على خزان الأسطوانة الرئيسية، فإن ذلك يشير إلى احتمال وجود خلل في النظام الهيدروليكي للفرامل أو حدوث مشكلة في معزز الفرامل تم اكتشافها بواسطة نظام الفرامل المانعة للانغلاق (ABS)/نظام التحكم في الاستقرار الإلكتروني (ESC). في هذه الحالة، سيظل المصباح مضاءً حتى يتم إصلاح الخلل. إذا كانت المشكلة متعلقة بمعزز الفرامل، فستعمل مضخة الفرامل المانعة للانغلاق (ABS) عند استخدام الفرامل وقد يتم الشعور باهتزاز دواسة الفرامل خلال كل عملية توقف.

يوفر النظام المزدوج للفرامل سعة كبح احتياطية في حالة عطل أحد أجزاء النظام الهيدروليكي للفرامل. ومن الممكن معرفة وجود عطل في أي جزء من نظام الفرامل المزدوج عندما يضيء ضوء التنبيه إلى نظام الفرامل الذي يدل على انخفاض مستوى سائل الفرامل في الاسطوانة الرئيسية إلى حد معين.

ويستمر الضوء بالإضاءة حتى يتم تصليح العطل.

ملاحظة:

- يتم التحكم في الإعدادات الأساسية لميزة HUD (السطوع وارتفاع شاشة العرض والتخطيطات غير المخصصة) عن طريق شاشة الإعدادات الموجودة في مجموعة أجهزة القياس ⇦ صفحة ١٠٢.
- إذا تم ضبط السمة الحالية على Digital (رقمي)، فلن يتم عرض عداد سرعة المحرك أثناء الوجود في قائمة Settings (الإعدادات).

رسالة BATTERY SAVER ON (تشغيل موفر طاقة البطارية)/BATTERY SAVER MODE (وضع موفر طاقة البطارية) — إجراءات تقييد الحمل الكهربي - إذا كانت السيارة مزوّدة بذلك

إن هذه السيارة مزودة بمستشعر البطارية الذكي (IBS) للقيام بتنفيذ المراقبة الإضافية للنظام الكهربي وحالة بطارية السيارة.

وفي الحالات التي يكتشف فيها مستشعر البطارية الذكي (IBS) وجود عطل بشحن النظام أو تدهور ظروف بطارية السيارة، يتم تنفيذ إجراءات تقليل الحمل الكهربي لتمديد وقت ومسافة قيادة السيارة. ويتم ذلك من خلال تقليل الطاقة الواصلة إلى أو إيقاف تشغيل الأحمال الكهربية غير الضرورية.

يكون تقليل الحمل نشطًا فقط عندما يكون المحرك قيد التشغيل. حيث سيعرض رسالة في حالة وجود خطر استنزاف البطارية إلى النقطة التي قد تتوقف فيها السيارة بسبب نقص الإمداد بالطاقة الكهربية أو لن تتم إعادة بدء التشغيل بعد دورة القيادة الحالية.

عندما يتم تنشيط تقليل الحمل، سوف تظهر الرسالة "Battery Saver On" (تشغيل موفر طاقة البطارية) أو "Battery Saver Mode" (وضع موفر طاقة البطارية) في مجموعة أجهزة القياس.

تشير هذه الرسائل إلى أن بطارية السيارة بها شحن منخفض وسوف تستمر في فقد الشحن الكهربي بمعدل بحيث لا يستطيع شحن النظام الاستمرار.

ملاحظة:

- يكون شحن النظام بمعزل عن خفض الحمل. يقوم شحن النظام بإجراء تشخيص حول شحن النظام بشكل مستمر.
- إذا كان ضوء التحذير بشأن شحن البطارية مضيئاً، فقد يدل ذلك على وجود مشكلة في شحن النظام ⇦ صفحة ١١٤.

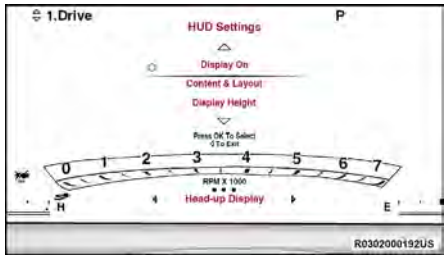
نعرض فيما يلي الأحمال الكهربية التي قد يتم إيقاف تشغيلها (إذا كانت السيارة مزودة بذلك)، ووظائف السيارة التي يمكن أن تتأثر بتقليل الحمل:

- المقعد المسخن/المقاعد المزودة بفتحات تهوية/العجلة المسخنة
- مزيل الصقيع من الزجاج الخلفي والمرايا المسخنة
- نظام التسخين والتهوية ومكيف الهواء (HVAC)
- نظام المحول العامل بالطاقة بقدرة 230 فولت تيار متردد
- نظام الصوت والاتصالات

قد يشير فقدان شحن البطارية إلى واحدة أو أكثر من الحالات التالية:

- يتعذر على نظام الشحن توصيل الطاقة الكهربائية بصورة كافية إلى نظام السيارة لأن الأحمال الكهربائية أكبر من قدرة نظام الشحن. لا يزال شحن النظام يعمل بصورة مناسبة.
- تشغيل جميع الأحمال الكهربية الممكنة بالسيارة (على سبيل المثال، نظام التسخين والتهوية ومكيف الهواء (HVAC) إلى إعدادات الحد الأقصى، والمصابيح الخارجية والداخلية، ومآخذ الطاقة الحمل الزائد بقدرة +12 فولت، و230 فولت من التيار المتردد، ومنافذ USB) أثناء ظروف قيادة معينة (القيادة داخل المدينة، والسحب، والتوقف المتكرر، إلخ).
- تثبيت الخيارات كالمصابيح الإضافية، وتركيبة الملحقات الكهربية، وأنظمة الصوت، والإنذارات والأجهزة المشابهة.
- دورات قيادة غير عادية (الرحلات القصيرة المفصولة بفترات توقف طويلة).
- توقف السيارة لفترة طويلة من الوقت (أسابيع، أشهر).
- تم استبدال البطارية حديثًا ولم تكن مشحونة بالكامل.
- البطارية كانت فارغة بسبب الحمل الكهربي عندما كانت السيارة متوقفة.
- تم استخدام البطارية لفترة طويلة مع عدم تشغيل المحرك لإمداد الطاقة إلى الراديو، والمصابيح، والشواحن والأجهزة المحمولة بقدرة +12 فولت كالمكنسة ووحدات التحكم في الألعاب والأجهزة المشابهة.

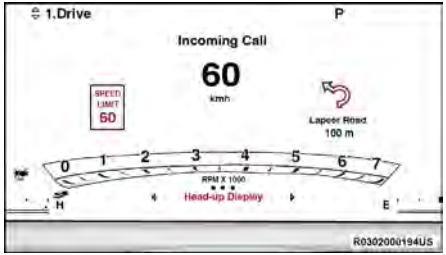
- التشغيل/ إيقاف التشغيل



HUD ON/OFF (تشغيل/إيقاف تشغيل شاشة العرض على الزجاج الأمامي)

عند تحديد "Display ON" (تشغيل الشاشة)، يتم عرض شاشة العرض على الزجاج الأمامي (HUD) على الزجاج الأمامي. عند عدم تحديده، لن تكون هناك شاشة عرض على الزجاج الأمامي.

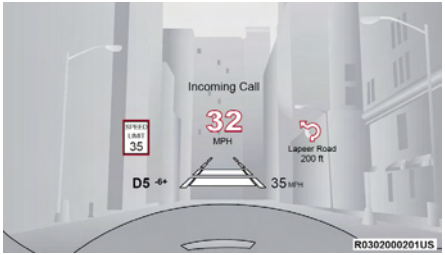
- المحتوى والتخطيط
  - **البسيط**: السرعة وحدود السرعة
  - **القياسي**: السرعة وحدود السرعة والملاحة



الوضع القياسي

عند تحديد الوضع "Standard" (القياسي)، يتم تقسيم صورة الشاشة HUD إلى ثلاثة أثلاث مع عرض مؤشر حدود السرعة على اليسار، وسرعة السيارة في المنتصف، والملاحة عبر الانعطاف تلو الآخر على اليمين.

- **المتقدم**: السرعة وحدود السرعة والملاحة ومساعد السائق (نظام التحكم في السرعة الثابتة المهايئة (ACC)/التحكم في السرعة الثابتة، وإدارة الحارة النشطة ومساعد القيادة النشط)، والعدة (متوفر في وضع Sport (الرياضة) فقط)



الوضع المتقدم

عند تحديد الوضع "Advanced" (متقدم)، تعرض الشاشة HUD سرعة السيارة والملاحة عبر الانعطاف تلو الآخر وحدود السرعة ووظيفة (وظائف) مساعد السائق والترس الحالي.

- **المخصص 1**: السرعة وحدود السرعة
- **المخصص 2**: السرعة وحدود السرعة والملاحة
- **المخصص 3**: السرعة وحدود السرعة والملاحة ومساعد السائق (نظام التحكم في السرعة الثابتة التكيفي (ACC)/ التحكم في السرعة الثابتة، وإدارة الحارة النشطة ومساعد القيادة النشط)
- **المخصص 4**: السرعة وحدود السرعة والملاحة ومساعد السائق (نظام التحكم في السرعة الثابتة المهايئة (ACC)/التحكم في السرعة الثابتة، وإدارة الحارة النشطة ومساعد القيادة النشط)، والعدة (متوفر في وضع Sport (الرياضة) فقط)

- ارتفاع شاشة العرض
- السطوع

Screen Setup (إعداد الشاشة)

اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم تمييز أيقونة/عنوان قائمة الإعدادات في شاشة لوحة أجهزة القياس. اضغط على زر **OK (موافق)** وحرره للدخول إلى القوائم الفرعية واتبع المطالبات التي تظهر على الشاشة حسب الحاجة. تتيح لك ميزة Settings (الإعدادات) تغيير المعلومات التي يتم عرضها في مجموعة أجهزة القياس بالإضافة إلى المكان الذي يتم عرض المعلومات فيه.

الجزء العلوي الأيمن أو الجزء العلوي الأيسر		
None (لا شيء)	Fuel Economy Average (متوسط ترشيد استهلاك الوقود)	Compass (البوصلة)
Outside Temp (درجة الحرارة الخارجية)	Trip A Distance (مسافة الرحلة أ)	TIME (الوقت)
Range To Empty (النطاق الذي يمكن قطعه قبل نفاد الوقود) (RTE)	Trip B Distance (مسافة الرحلة ب)	Fuel Economy Current (استهلاك الوقود الحالي)
Trailer Trip (رحلة المقطورة)		

Current Gear (الترس الحالي)

- On (التشغيل)
- Off (إيقاف التشغيل)

Odometer (عداد المسافة)

- Show (عرض)
- Hide (إخفاء)

الوقود المقياس

- عرض النطاق
- إخفاء النطاق

القوائم المفضلة		
Trip (الرحلة) (عرض/إخفاء)	Navigation (الملاحة) (عرض/إخفاء)	Audio (الصوت) (عرض/إخفاء)
Off Road (طرق غير ممهدة) (عرض/إخفاء)	Trailer Tow (سحب المقطورة) (عرض/إخفاء)	

ملاحظة:

يمكنك في القوائم التي تظهر معها عبارة (show/hide) (عرض/إخفاء) الضغط على زر **OK (موافق)** لاختيار ما إذا كنت تريد عرض هذه القائمة أو إخفاءها على شاشة عرض مجموعة أجهزة القياس.

الإعدادات الافتراضية (استعادة جميع الإعدادات إلى الإعدادات الافتراضية)

- Restore (استعادة)
- إلغاء

شاشة العرض على الزجاج الأمامي (HUD) — إذا كانت السيارة مزوّدة بذلك

ملاحظة:

تتوفر إعدادات ميزة HUD عند أي سرعة للسيارة. لن تظهر بعض المعلومات مثل حد السرعة أو مساعدة السائق على شاشة العرض على الزجاج الأمامي (HUD) ما لم تكن سيارتك مزودة بنظامي مساعد إشارات وعلامات المرور أو مساعدة السائق.

اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم تمييز أيقونة/عنوان قائمة الإعدادات في شاشة لوحة أجهزة القياس. اضغط على زر السهم **لليسار** ◁ أو **لليمين** ▷ وحرره حتى يتم تمييز أيقونة/عنوان قائمة HUD في شاشة لوحة أجهزة القياس. اضغط على زر **OK** (موافق)، ثم حرره للدخول إلى شاشة العرض على الزجاج الأمامي. استخدم زر السهم **لأعلى** △ أو **لأسفل** ▽ لتحديد أحد الإعدادات، ثم اضغط على زر **OK (موافق)** وحرره لضبط الإعداد.

الملاحة - إذا كانت السيارة مزودة بذلك

اضغط على زر السهم **لليسار** ◁ أو **لليمين** ▷ وحرره حتى يتم تمييز رمز/عنوان شاشة عرض Navigation (الملاحة) في شاشة عرض مجموعة أجهزة القياس.

- سيتم عرض Hold **OK** to Start Route (اضغط مطولاً على موافق لبدء المسار) عند عدم تعيين أي مسار نشط.
- سيتم عرض Hold **OK** to Cancel Route (اضغط مطولاً على موافق لإلغاء المسار) عند تعيين مسار نشط.

OFF ROAD (الطرق غير الممهدة)

اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم تمييز رمز/عنوان Off Road Menu (قائمة الطرق غير الممهدة). اضغط على زر السهم **لليسار** ◁ أو **لليمين** ▷ للتنقل عبر القوائم الفرعية للمعلومات.

- **Terrain Status (حالة التضاريس)**
  - حالة Selec-Terrain
  - حالة التعليق الهوائي - إذا كانت السيارة مزودة بذلك
- **Vehicle Dynamics (ديناميكيات السيارة)**
  - Wheel Articulation (نطاق حركة العجلة)
  - حالة علبة النقل
  - Steering Angle (زاوية التوجيه)
- **التأرجح والانزلاق**
  - تأرجح السيارة
  - انزلاق السيارة

سحب المقطورة — إذا كانت السيارة مزوّدة بذلك

اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم تمييز أيقونة/عنوان Trailer Tow Menu (قائمة قطر المقطورة) في شاشة مجموعة أجهزة القياس. اضغط على زر السهم **لليسار** ◁ أو **لليمين** ▷ وحرره لتحديد Trailer Trip (رحلة المقطورة) أو Trailer Brake (فرامل المقطورة).

ستعرض **Trailer Trip** (رحلة المقطورة) ما يلي:

- Distance (المسافة)

ملاحظة:

اضغط مع الاستمرار على زر **OK** (موافق) لإعادة ضبط كل المعلومات.

ستعرض **Trailer Brake** (فرامل المقطورة) ما يلي:

- Output (إخراج)
- Type (النوع)
- Gain (الكسب)

Trailer Tire Pressure (ضغط إطارات المقطورة) سيعرض ما يلي:

- ضغط هواء الإطارات للمقطورة

Trailer Light Status (حالة إضاءة المقطورة) سيعرض ما يلي:

- حالة المصباح المركزي
- حالة مصباح الفرامل الأيسر
- حالة مصباح الفرامل الأيمن
- حالة إشارة الانعطاف إلى اليسار
- حالة إشارة الانعطاف إلى اليمين
- حالة مصباح الرجوع للخلف

AUDIO (الصوت)

اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم تمييز رمز/عنوان Audio Menu (قائمة الصوت) في شاشة عرض مجموعة أجهزة القياس.
تعرض هذه القائمة معلومات مصدر الصوت، بما في ذلك اسم الأغنية واسم الفنان ومصدر الصوت مع رسم مصاحب.

الرسائل

اضغط على زر سهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم تمييز عنصر Messages Menu (قائمة الرسائل). تعرض هذه الميزة عدد رسائل التحذير المخزنة. سيتيح لك الضغط على زر السهم **لليسار** ◁ أو **لليمين** ▷ رؤية الرسائل المخزنة.
عند عدم وجود أي رسائل، سيكون رمز القائمة الرئيسية عبارة عن مظروف مغلق.

الإعدادات

ملاحظة:

إذا تم ضبط السمة الحالية على Digital (رقمي)، فلن يتم عرض عداد سرعة المحرك أثناء الوجود في قائمة Settings (الإعدادات).

ملاحظة:

إذا كانت سيارتك مزودة بشاشة العرض على الزجاج الأمامي (HUD)، فستتوفر إعدادات الميزات على أي سرعة للسيارة ⇦ صفحة ١١٠.

VEHICLE INFO (معلومات السيارة)

اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم تمييز أيقونة/عنوان Vehicle Info (معلومات السيارة) في شاشة لوحة أجهزة القياس. اضغط على زر السهم **لليسار** ◁ أو **لليمين** ▷ للتنقل عبر القوائم الفرعية للمعلومات:

ترشيد استهلاك الوقود

- Average Fuel Economy (معدل ترشيد استهلاك الوقود)
- ترشيد الوقود الحالي
- Range To Empty (النطاق الذي يمكن قطعه قبل نفاد الوقود)
- اضغط على زر **OK** (موافق) لإعادة ضبط معدل ترشيد استهلاك الوقود

ملاحظة:

يتعذر إعادة ضبط ميزة Range (النطاق) من خلال مفاتيح التحكم الخاصة بشاشة عرض مجموعة أجهزة القياس.

Gauge Summary (ملخص المقياس)

- **Coolant Temperature (درجة حرارة سائل التبريد) — إذا كانت السيارة مزوّدة بذلك**

لعرض درجة الحرارة الحالية لسائل التبريد.

- **Battery Voltage (فولتية البطارية)**

لعرض مستوى الفولطية الحالية في البطارية.

- **Transmission Temperature (درجة حرارة ناقل الحركة)**

لعرض درجة حرارة ناقل الحركة الفعلية.

- **Oil Temperature (درجة حرارة الزيت)**

لعرض درجة حرارة الزيت الفعلية.

- **Oil Pressure (ضغط الزيت)**

يعرض ضغط الزيت الفعلي.

Oil Life (العمر الافتراضي للزيت)

- لعرض عمر الزيت الحالي في السيارة.

Oil Level (مُستوى الزيت) — إذا كانت السيارة مزودة بذلك

- لعرض مستوى الزيت الحالي في السيارة ⇦ صفحة ٣٣٥.

نظام مراقبة ضغط الإطارات

- إذا كان ضغط هواء الإطار **جيدًا** لكل الإطارات، فسيتم عرض رمز سيارة مع عرض قيم ضغط هواء الإطارات في كل زاوية من زوايا الرمز.
- إذا كان ضغط إطار واحد أو أكثر منخفضًا، فسيتم عرض قيم ضغط هواء الإطارات في كل زاوية من زوايا الرمز مع عرض قيم الضغط للإطار ذي ضغط الهواء المنخفض بلون مختلف عن قيم ضغط هواء الإطارات الأخرى.
- إذا كان نظام ضغط هواء الإطارات يتطلب الصيانة، فسيتم عرض الرسالة "Service Tire Pressure System" (نظام مراقبة ضغط هواء الإطارات يحتاج إلى صيانة).

وظيفة ضغط هواء الإطارات هي وظيفة معلومات فقط، ولا يمكن إعادة ضبطها ⇦ صفحة ٢٧٢.

حالة نظام Stop/Start (الإيقاف/بدء التشغيل) — إذا كانت السيارة مزوّدة بذلك

- لعرض الحالة الحالية لنظام Stop/Start (الإيقاف/بدء التشغيل).

الرحلة

اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم عرض عنوان قائمة Trip (الرحلة) في شاشة عرض مجموعة أجهزة القياس. قم بالتبديل بين زر السهم **لليسار** ◁ أو **لليمين** ▷ لتحديد Trip A (الرحلة أ) أو Trip B (الرحلة ب). وستعرض معلومات Trip (الرحلة) ما يلي:

- **Distance (المسافة)** – عرض إجمالي المسافة المقطوعة لكل من Trip A (الرحلة أ) أو Trip B (الرحلة ب) (بالكيلومترات أو الأميال) منذ آخر عملية إعادة ضبط.
- **Average Fuel Economy (معدل ترشيد استهلاك الوقود)** – يَعرض معدل ترشيد استهلاك الوقود (ميل لكل جالون أو لتر/100 كم أو كم/لتر) لكل من Trip A (الرحلة أ) أو Trip B (الرحلة ب) منذ آخر عملية إعادة ضبط.
- **Elapsed Time (الوقت المنقضي)** – يعرض إجمالي الوقت المنقضي من الرحلة منذ أن تمت إعادة ضبط Trip A (الرحلة أ) أو Trip B (الرحلة ب).

اضغط مطولاً على زر **OK (موافق)** لإعادة ضبط معلومات الميزة.

Remote Start Canceled Door Open (تم إلغاء بدء التشغيل عن بُعد، أحد الأبواب مفتوح)	Remote Start Canceled Time Expired (تم إلغاء بدء التشغيل عن بُعد لانتهاء الوقت)	Remote Start Disabled Start To Reset (تم تعطيل نظام بدء التشغيل عن بُعد، قم بتشغيل السيارة لإعادة الضبط)
Service Air Bag System (نظام الوسادة الهوائية بحاجة للصيانة)	Service Airbag Warning Light (الضوء التحذيري بشأن الوسادة الهوائية بحاجة للصيانة)	الباب مفتوح
Doors Open (الأبواب مفتوحة)	غطاء المحرك مفتوح	Vehicle Speed Too High To Shift to D (سرعة السيارة عالية للغاية للانتقال إلى D (القيادة))
باب المؤخرة مفتوح	Shift Not Allowed (غير مسموح بنقل الترس)	Vehicle Speed is Too High to Shift to R (سرعة السيارة عالية جدًا للانتقال إلى R (الرجوع للخلف))
Vehicle Speed is Too High to Shift to P (سرعة السيارة عالية جدًا للانتقال إلى P (التوقف))	Service Transmission (ناقل الحركة بحاجة للصيانة)	

عناصر قائمة شاشة عرض مجموعة أجهزة القياس

يمكن استخدام شاشة عرض مجموعة أجهزة القياس لعرض عناصر القائمة الرئيسية للعديد من الميزات.
استخدم زر السهم **لأعلى** △ و **لأسفل** ▽ للتمرير عبر خيارات قائمة شاشة العرض التفاعلية للسائق حتى يتم الوصول إلى القائمة المطلوبة.

ملاحظة:
تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

القائمة الرئيسية

عداد السرعة

اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم تمييز أيقونة/عنوان Speedometer (عداد السرعة) في شاشة لوحة أجهزة القياس.

اضغط على زر **OK** (موافق) للتبديل بين وحدات (كم/ساعة أو ميل/ساعة) بعداد السرعة. اضغط مطولاً على الزر **OK (موافق)** للتبديل بين عداد السرعة التناظري والرقمي.

DRIVER INFO (معلومات السائق)

اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره حتى يتم تمييز أيقونة/عنوان Driver Info (قائمة معلومات السائق) في شاشة مجموعة أجهزة القياس.
اضغطْ على زر السهم **لليسار** ◁ أو **لليمين** ▷ للتنقل عبر القوائم الفرعية للمعلومات التالية:

مساعد السائق - إذا كانت السيارة مزودة بذلك

تشير شاشة Driver Assist (مساعد السائق) إلى الحالة الحالية لكل من وحدة التحكم في السرعة الثابتة المهايئة (ACC) ونظام Active Lane Management (إدارة الحارة النشطة) ونظام Active Driving Assist (مساعد القيادة النشط)/ +Assist/نظام التوجيه الدليلي (Pilot)⇦ صفحة ١٧٣.

الرؤية الليلية — إذا كانت السيارة مزودة بذلك

تختفي أزرار الأسهم ومؤشرات القوائم الفرعية بعد خمس ثوان من عدم نشاط التنقل في القائمة. سيتم عرض رموز المشاة/الحيوانات في الموقع العلوي الأيسر ⇦ صفحة ١٧٨.

- **رسائل لا يتم تخزينها حتى تتم إدارة مفتاح التشغيل إلى وضع RUN (الانطلاق)**

تتعامل هذه الرسائل بصورة أساسية مع ميزة بدء التشغيل عن بُعد. يتم عرض هذا النوع من الرسائل حتى يتم وضع مفتاح التشغيل في وضع RUN (الانطلاق).

- **رسائل غير مخزنة لمدة خمس ثوانٍ**

في الظروف المناسبة، يتحكم هذا النوع من الرسائل في منطقة شاشة العرض الرئيسية لمدة خمس ثوان ثم يرجع إلى الشاشة السابقة. مثال لنوع الرسالة هذا، "Automatic High Beams On" (المصابيح الأوتوماتيكية العالية مضاءة).

تشمل الرسائل ما يأتي، على سبيل المثال لا الحصر:

ملاحظة:

قد تتطلب بعض الرسائل الصيانة لدى الوكيل.

Front Seat Belts Unbuckled (أحزمة أمان المقاعد الأمامية غير مربوطة)	Oil Change Due (يلزم تغيير الزيت)	ACC Override (تجاوز السرعة الثابتة المهايئة (ACC))
Driver Seat Belt Unbuckled (حزام أمان مقعد السائق غير مربوط)	Fuel Low (مستوى الوقود منخفض)	Cruise Set To XXX mph or km/h (ضبط السرعة الثابتة XXX على كم/ساعة أو ميل/الساعة)
Passenger Seat Belt Unbuckled (حزام أمان مقعد الراكب غير مربوط)	Service Anti-lock Brake System (صيانة نظام الفرامل المانعة للانغلاق)	Service Shifter (ذراع ناقل الحركة بحاجة للصيانة)
Traction Control Off (إيقاف تشغيل التحكم في الجر)	Service Electronic Throttle Control (التحكم الإلكتروني في صمام الاختناق بحاجة للصيانة)	Tire Pressure Screen With Low Tire(s) (شاشة ضغط هواء الإطار مع عرض الإطار(الإطارات) ذات الضغط المنخفض)
Washer Fluid Low (مستوى سائل الغاسلة منخفض)	Service Power Steering (نظام التوجيه المعزز بحاجة للصيانة)	Service Tire Pressure System (نظام مراقبة ضغط هواء الإطارات يحتاج للصيانة)
Oil Pressure Low (ضغط الزيت منخفض)	Cruise Off (إيقاف تشغيل وحدة التحكم في السرعة الثابتة)	Park Brake Engaged (تم تعشيق فرامل التوقف)
Oil Level Low (مستوى الزيت منخفض) – إذا كانت السيارة مزوّدة بذلك	Cruise Ready (وحدة التحكم في السرعة الثابتة جاهزة)	Brake Fluid Low (سائل الفرامل منخفض)
Engine Temperature Hot (درجة حرارة المحرك مرتفعة)	Lights On (المصابيح مضاءة)	Right Front Turn Signal Light Out (مصباح إشارة الانعطاف الأمامية اليمنى مطفأ)
Right Rear Turn Signal Light Out (مصباح إشارة الانعطاف الخلفية اليمنى مطفأ)	Left Front Turn Signal Light Out (مصباح إشارة الانعطاف الأمامية اليسرى مطفأ)	Left Rear Turn Signal Light Out (مصباح إشارة الانعطاف الخلفية اليسرى مطفأ)
Ignition or Accessory On (مفتاح التشغيل أو الملحقات قيد التشغيل)	Vehicle Not in Park (السيارة ليست في وضع التوقف)	Remote Start Active Push Start Button (نظام بدء التشغيل عن بُعد نشط، اضغط على زر البدء)
Remote Start Canceled Fuel Low (تم إلغاء بدء التشغيل عن بُعد لانخفاض الوقود)	Remote Start Canceled Hood Open (تم إلغاء بدء التشغيل عن بُعد، غطاء المحرك مفتوح)	Remote Start Canceled Liftgate Open (تم إلغاء بدء التشغيل عن بُعد، باب المؤخرة مفتوح)

2. اضغط على زر السهم إلى **أسفل** ▽ وحرره للتمرير إلى أسفل خلال القائمة الرئيسية إلى "Vehicle Info" (معلومات السيارة).
3. اضغط على زر سهم **right (لليمين)** ▷ وحرره للوصول إلى شاشة "Oil Life" (عمر الزيت).
4. اضغط مطولاً على زر **OK** (موافق) لإعادة ضبط عمر الزيت. إذا تم استيفاء الشروط، فسيتم تحديث شاشة عرض الأرقام والمقاييس لتعرض 100%. إذا لم يتم الوفاء بالشروط، فسوف تظهر الرسالة المنبثقة "To reset oil life engine must be off with ignition in run" (لإعادة ضبط عمر الزيت، يجب إيقاف تشغيل المحرك أثناء وجود مفتاح التشغيل في وضع الانطلاق) (لمدة خمس ثوان)، وسيظل المستخدم في شاشة "Oil Life" (عمر الزيت).
5. اضغط على زر السهم **لأعلى** △ أو **لأسفل** ▽ وحرره للخروج من شاشة القائمة الفرعية.

ملاحظة:

إذا أضاءت رسالة المؤشر عند بدء تشغيل السيارة، فإن ذلك يعني عدم إعادة ضبط نظام مؤشر تغيير الزيت. كرر الإجراء السابق إذا لزم الأمر.

الطريقة الثانوية لإعادة ضبط عمر زيت المحرك

1. من دون الضغط على دواسة الفرامل، اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) وقم بإدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) (لا تبدأ تشغيل المحرك).
2. اضغط بالكامل على دواسة الوقود ببطء ثلاث مرات في غضون عشر ثوان.
3. دون الضغط على دواسة الفرامل، اضغط على زر ENGINE START/STOP (بدء/إيقاف المحرك) وقم بإدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

ملاحظة:

إذا أضاءت رسالة المؤشر عند بدء تشغيل السيارة، فإن ذلك يعني عدم إعادة ضبط نظام مؤشر تغيير الزيت. كرر الإجراء السابق إذا لزم الأمر.

شاشة العرض والرسائل

تقع شاشة عرض مجموعة أجهزة القياس في الجزء الأوسط من مجموعة أجهزة القياس وتتكون من عدة أقسام:

- الشاشة الرئيسية — ستضيء الحلقة الداخلية من شاشة العرض باللون الأسود في الظروف العادية، وباللون الأصفر في حال التحذيرات الغير حرجة، وباللون الأحمر في حال التحذيرات الحرجة.
- نقاط القائمة الفرعية - في أي وقت تكون فيه القوائم الفرعية متاحة، يتم عرض الوضع داخل القوائم الفرعية هنا
- أضواء المؤشر القابلة للتكوين/المعلومات
- حالة محدد التروس (مؤشر PRND)
- شاشة العرض التفاعلية للسائق (البوصلة، ودرجة الحرارة، والنطاق الذي يمكن قطعه قبل نفاد الوقود، والرحلة أ، والرحلة ب، ومعدل ترشيد استهلاك الوقود، وترشيد استهلاك الوقود الحالي والوقت)
- حالة التعليق الهوائي - إذا كانت السيارة مزودة بذلك
- حالة نظام الدفع الرباعي (4WD) — إذا كانت السيارة مزودة بذلك

ستعرض شاشة عرض مجموعة أجهزة القياس عادة القائمة الرئيسية أو شاشات الميزة المحددة في القائمة الرئيسية. تعرض منطقة شاشة العرض الرئيسية الرسائل المنبثقة والتحذير أو رسائل المعلومات. تندرج رسائل المعلومات المنبثقة هذه في عدة فئات:

- **رسائل مخزنة لمدة خمس ثوانٍ**

في الظروف المناسبة، يتحكم هذا النوع من الرسائل في منطقة شاشة العرض الرئيسية لمدة خمس ثوان ثم يرجع إلى الشاشة السابقة. يتم عندئذ تخزين معظم الرسائل من هذا النوع (طالما ظلت الحالة التي قامت بتفعيلها نشطة) ويمكن مراجعتها في عنصر "Messages" (الرسائل) في القائمة الرئيسية. أمثلة هذا النوع من الرسائل هي "Right Front Turn Signal Lamp Out" (مصباح إشارة الانعطاف الأمامية اليمنى مطفأة) "Low Tire Pressure" (ضغط الإطارات منخفض).

- **رسائل لا يتم تخزينها**

يتم عرض هذا النوع من الرسائل بصورة دائمة أو حتى يتم إزالة الحالة التي عملت على تنشيط الرسالة. من الأمثلة لهذا النوع من الرسائل "Turn Signal On" (إشارات الانعطاف قيد التشغيل) (في حالة ترك إشارات الانعطاف قيد التشغيل) والرسالة "Lights On" (المصابيح مضاءة) (في حالة مغادرة السائق للسيارة والمصابيح مضاءة).

- خيارات القائمة الرئيسية للشاشة الرئيسية هي Driver Info (معلومات السائق) وVehicle Info (معلومات السيارة) وNavigation (الملاحة)، بالإضافة إلى Audio (الصوت) وOff Road (الطرق غير الممهدة) إذا كانت السيارة مزوّدة بذلك

تخطيط قابل للتخصيص لإطارات التجانب

يمكنك تخصيص شاشة عرض مجموعة أجهزة القياس بما يصل إلى خمسة إطارات متجانبة قد تتألف مما يلي:

ملاحظة:

قد تختلف هذه الخيارات استنادًا إلى مستوى كسوة السيارة.

- **الملاحة**
  - الخريطة Route Set (تم ضبط المسار)/Route Not Set (لم يتم ضبط المسار)
  - Trip A (الرحلة أ)/Trip B (الرحلة ب)
- **Vehicle Info (معلومات السيارة)**
  - Coolant Temp (درجة حرارة سائل التبريد)
  - Trans Temp (درجة حرارة ناقل الحركة)
  - Oil Temp (درجة حرارة الزيت)
  - Oil Pressure (ضغط الزيت)
  - Battery Voltage (فولتية البطارية)
  - Oil Life (العمر الافتراضي للزيت)
  - ضغط هواء الإطارات
  - ترشيد استهلاك الوقود
- **Driver Info (معلومات السائق) – إذا كانت السيارة مزودة بذلك**
  - علامة حد السرعة المنشورة
  - Driver Assist (مساعد السائق)
- **Audio (الصوت)**
  - Audio Info (معلومات الصوت)
- **قائمة الطرق غير الممهدة – إذا كانت السيارة مزودة بذلك**
  - Selec-Terrain / Air Suspension Status (حالة نظام Selec-Terrain / التعليق الهوائي)
  - Steering Angle (زاوية التوجيه)
  - Pitch (التأرجح)
  - Roll (الانزلاق)
  - **سحب المقطورة - إذا كانت السيارة مزودة بذلك**
  - Trailer Trip (رحلة المقطورة)
  - Trailer Brake (فرامل المقطورة)
  - ضغط هواء الإطارات للمقطورة

إعادة ضبط عمر زيت المحرك

مستوى الزيت

لا يحتوي المحرك الذي يتمتع بسعة 3.0 لترات على "عصا قياس" تقليدية وليس ثمة حاجة إلى فحص مستوى الزيت يدويًا ⇦ صفحة ٣٣٥.

يلزم تغيير الزيت

إن سيارتك مزودة بنظام مؤشر تغيير زيت المحرك. ستظهر رسالة "Oil Change Required" (يلزم تغيير الزيت) في شاشة عرض مجموعة أجهزة القياس لمدة خمس ثوان بعد إصدار إشارة صوتية واحدة للإشارة إلى موعد تغيير الزيت الدوري التالي. يستند نظام مؤشر تغيير زيت المحرك إلى دورة الخدمة، ويعني ذلك أن فترة تغيير زيت المحرك قد تختلف، وفقًا لنمط القيادة الشخصي والظروف البيئية.

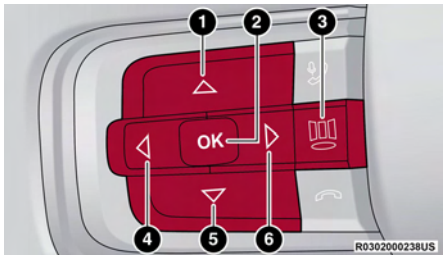
وما لم تتم إعادة الضبط فإن هذه الرسالة تستمر في العرض في كل مرة تدير فيها مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق). لإيقاف عرض الرسالة مؤقتًا، اضغط على زر **OK (موافق)** وحرره أو أزرار الأسهم. لإعادة ضبط نظام مؤشر تغيير زيت المحرك (بعد تنفيذ الصيانة الدورية)، نفذ الإجراء التالي.

السيارات المزوّدة بإمكانية التشغيل عن طريق ميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™

استخدم مفاتيح التحكم المثبتة في عجلة القيادة الخاصة بشاشة عرض مجموعة أجهزة القياس للقيام بالإجراء (الإجراءات) التالي:

1. من دون الضغط على دواسة الفرامل، اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) وقم بإدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل الانطلاق) (لا تبدأ تشغيل المحرك).

يتيح النظام للسائق اختيار المعلومات بالضغط على الأزرار التالية المركبة على عجلة القيادة:



أزرار التحكم الخاصة بشاشة عرض مجموعة أجهزة القياس

1 — زر السهم لأعلى
2 — زر OK (موافق)
3 — زر القائمة
4 — زر سهم لليسار
5 — زر سهم لأسفل
6 — زر سهم لليمين

1. زر سهم **Up** (أعلى)

اضغط على زر السهم **لأعلى** △ ثم حرره للتمرير لأعلى عبر القائمة الرئيسية.

2. زر **OK (موافق)**

اضغط على الزر **OK (موافق)** للوصول إلى/تحديد شاشات المعلومات أو شاشات القوائم الفرعية لعنصر من القائمة الرئيسية. اضغط مطولاً على الزر **OK** (موافق) لمدة ثانية واحدة لإعادة ضبط الميزات المعروضة/المحددة التي يمكن إعادة ضبطها.

3. زر **MENU (القائمة)**

اضغط على الزر **MENU (القائمة)** للوصول إلى/تحديد شاشات المعلومات أو شاشات القوائم الفرعية لعرض الشاشة الرئيسية. اضغط مطولاً على الزر **OK (موافق)** للدخول في وضع التحرير.

4. زر سهم **Left** (يسار)

اضغط على زر السهم **لليسار** ◁ للرجوع إلى القائمة الرئيسية من شاشة المعلومات أو عنصر القائمة الفرعية.

5. زر سهم **Down** (لأسفل)

اضغط على زر السهم **لأسفل** ▽ ثم حرره للتمرير لأسفل عبر القائمة الرئيسية.

6. زر سهم **Right** (يمين)

اضغط على زر السهم **لليمين** ▷ ثم حرره للوصول إلى شاشات المعلومات أو شاشات القوائم الفرعية لعنصر القائمة الرئيسية.

خيارات العرض

يتيح لك الضغط باستمرار **على OK (موافق)** تغيير الشاشة أيضًا إلى Digital (رقمي) أو Analog (تناظري).

- ستكون السمة الرقمية السمة الافتراضية
- تنتهي مهلة شاشة القائمة بعد 10 ثوان. اضغط على **OK (موافق)** لإعادة التنشيط
- يجب أن يكون عداد السرعة موجودًا دائمًا
- ستظل إشعارات التحذير ذات الصلة والمعلومات ذات النوافذ المنبثقة الأخرى معروضة في منطقة الشاشة الرئيسية (في هذه الحال تتحرك السرعة إلى أعلى قيمة)

تكوين إطارات التجانب المخصصة

لتخصيص مجموعة أجهزة القياس بشكل أكبر، يمكنك تحديد ما يصل إلى خمسة إطارات تجانب لعرض المعلومات بناءً على احتياجاتك.

- اضغط على زر **MENU(القائمة)** لعرض الشاشة الرئيسية.

زر القائمة

- انتقل إلى **اليسار** أو **اليمين** لتمييز الإطار المتجانب المطلوب
- اضغط على **OK (موافق)** لتحديد الإطار المتجانب والانتقال إلى القائمة الفرعية المحددة واضغط على **OK (موافق)** مرةً أخرى لإضافة التحديد إلى طريقة عرض إطار التجانب

تحذير!

ارتفاع درجة حرارة نظام التبريد أمر خطير. وقد يسبب لك وللآخرين حروقا بالبخار أو السائل الساخن جدًا إلى درجة الغليان. يوصى بالاتصال بالوكيل المعتمد من أجل الصيانة إذا ارتفعت درجة حرارة السيارة بصورة زائدة صفحة ٣٤٥.

تنبيه!

إن قيادة السيارة عندما يكون نظام تبريد المحرك ساخنًا يمكن أن يلحق الضرر بسيارتك. إذا كان جهاز قياس درجة الحرارة في وضع الحرارة العالية "H"؛ فيجب التوقف عن القيادة وإيقاف السيارة. أوقف السيارة بعد ذلك أثناء إيقاف تشغيل جهاز تكييف الهواء حتى يهبط المؤشر إلى النطاق العادي. إذا ظل المؤشر في "H"، فأوقف تشغيل المحرك على الفور واستدعي الوكيل المعتمد ليقوم بالصيانة.

3. عداد سرعة المحرك (التاكوميتر)
   - يبين سرعة المحرك مقاسة بعدد الدورات في الدقيقة (عدد الدورات في الدقيقة × 1000).
4. الوقود المقياس
   - يعرض المؤشر مستوى الوقود في خزان الوقود عند وجود زر الضغط دون مفاتيح في وضع ON/RUN (التشغيل/الانطلاق).
   - يشير رمز مضخة الوقود إلى جانب السيارة الذي يوجد فيه باب الوقود.

ملاحظة:

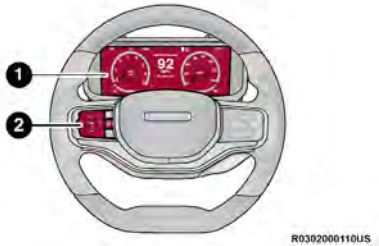
ستضيء مؤشرات تحذير مجموعة أجهزة القياس لفترة وجيزة للفحص بالمصباح عند تدوير مفتاح التشغيل لأول مرة.

شاشة عرض مجموعة أجهزة القياس

حسب مستوى كسوة السيارات لديك، قد تختلف الميزات والخيارات.

سيارتك مزوّدة بشاشة عرض مجموعة أجهزة القياس، والتي تقدم معلومات مفيدة للسائق. أثناء وجود مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، سيؤدي فتح/إغلاق أحد الأبواب إلى تنشيط شاشة العرض للمشاهدة وستعرض إجمالي الأميال أو الكيلومترات في عداد المسافة. تم تصميم شاشة عرض مجموعة أجهزة القياس لعرض معلومات هامة حول أنظمة السيارة ومزاياها. باستخدام شاشة عرض تفاعلية خاصة بالسائق ومتوفرة على لوحة أجهزة القياس، يمكن أن تعرض شاشة عرض مجموعة أجهزة القياس كيفية عمل الأنظمة مع توفير تحذيرات عند توقفها عن العمل. تتيح لك مفاتيح التحكم المثبتة على عجلة القيادة التنقل عبر القوائم الرئيسية والقوائم الفرعية. يمكنك الوصول إلى المعلومات المحددة التي تريدها مع إجراء التحديدات والتعديلات.

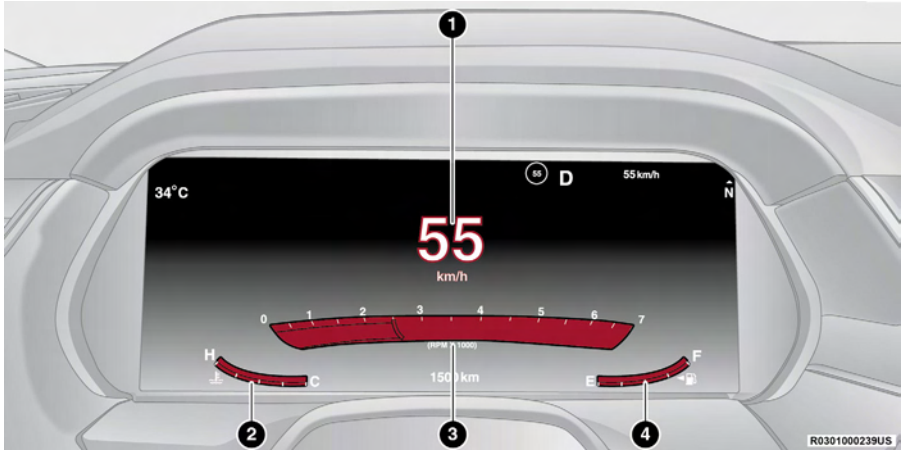
الموقع ومفاتيح التحكم



موقع شاشة عرض/ مفاتيح التحكم في مجموعة أجهزة القياس

1 – شاشة عرض مجموعة أجهزة القياس
2 – مفاتيح التحكم في شاشة عرض مجموعة أجهزة القياس

مجموعة أجهزة القياس الفاخرة



يؤدي الضغط مطولاً على زر **OK** (موافق) في مفاتيح التحكم في شاشة عرض مجموعة أجهزة القياس الموجودة على عجلة القيادة إلى السماح لك بتغيير شاشة العرض من Digital (رقمي) إلى Analog (تناظري).

مجموعة أجهزة القياس وصف

1. عداد السرعة
   - يشير إلى سرعة السيارة.

ملاحظة:
يصدر صوت صافرة عندما تكون سرعة السيارة أعلى من 120 كم/ساعة.

2. مقياس الحرارة
   - يدل مقياس درجة الحرارة على درجة حرارة سائل تبريد المحرك. فإذا كان مكان المؤشر في المدى الطبيعي، فسوف يدل ذلك على أن نظام تبريد المحرك يعمل بصورة صحيحة.
   - وقد يشير المؤشر إلى درجات حرارة أعلى من المعدل عند القيادة في طقس حار وعند تسلق المرتفعات أو عند سحب المقطورات. ويجب عدم السماح بأن يتجاوز المؤشر الحدود القصوى لدرجة حرارة التشغيل الطبيعية.

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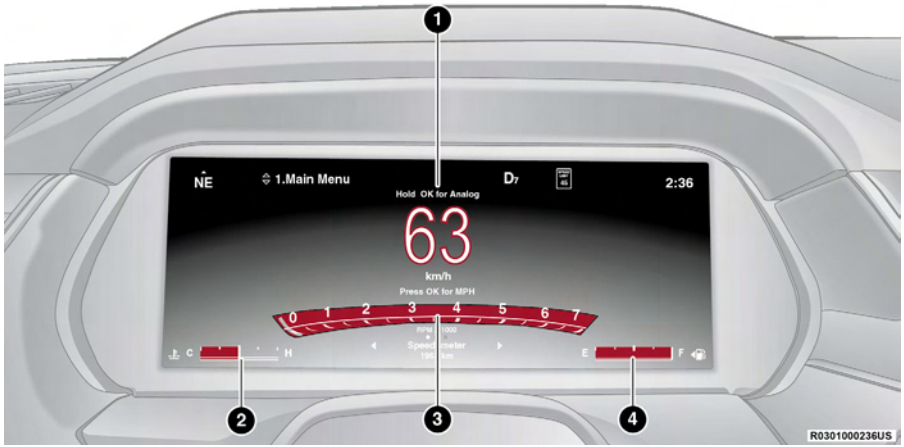
التعرف على لوحة أجهزة القياس

مجموعة أجهزة القياس الأساسية



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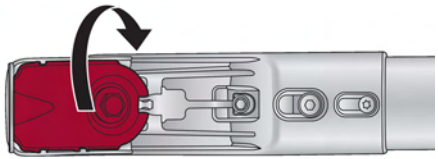

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الخطوة 3

4. كرر الخطوات من 1 إلى 3 مع العارضة الثانية.
5. أعد وضع العارضات في القوالب الإسفنجية في علبة تخزين الحمولة الخلفية.

تحذير!
في حال حدوث تصادم، قد يتسبب ترك العارضات غير محكمة الإغلاق في حدوث إصابة. قد تطير العارضات حال التوقف المفاجئ وتصيب أحد الموجودين في السيارة. لا تخزن العارضات على أرضية منطقة الحمولة أو في مقصورة الركاب. أزل العارضات من السيارة عند فكها من مكانها. لا تخزنها في السيارة.

تحذير!

يجب ربط الحمولة بصورة آمنة قبل قيادة السيارة. قد يسقط أي غرض غير مربوط بصورة صحيحة بحامل السقف أو العارضات أو السطح نفسه، لا سيما في أثناء القيادة بسرعات عالية، ما قد يسبب اصطدامات أو التعرض لإصابة شخصية أو تلف الممتلكات. اتبع التنبيهات الخاصة بحامل السقف عند نقل أي شيء على سقف سيارتك أو حامل السقف.

تنبيه!

- لمنع تلف سقف السيارة، لا تحمل أي مواد على الحامل السقفي من دون تركيب العارضات. يجب تأمين الحمولة ووضعها بأعلى العارضات، وليس على السطح مباشرة. إذا كان من الضروري وضع الحمولة على السقف، ضع بطانية أو طبقة حماية أخرى بين الحمولة وسطح السقف.
- لتفادي تلف حامل السقف والسيارة يجب ألا تتجاوز السعة القصوى لحامل السقف 68 كجم (150 رطلاً). قم دائمًا بتوزيع الأحمال الثقيلة بشكل متساو قدر الإمكان، وأحكم تثبيت الحمل وأي طبقة حماية يتم وضعها بين الحمل وسطح السقف بشكل مناسب.
- يجب تثبيت الحمولة دائمًا على العارضات أولاً، مع استخدام حلقات التثبيت كنقاط تثبيت إضافية عند اللزوم. الغرض من حلقات الربط أن تعمل كنقاط ربط إضافية فقط. لا تستخدم آليات تعشيق مع حلقات الربط. افحص الأحزمة والعجلات الدوارة بصورة دورية للتأكد من ربط الأمتعة بصورة سليمة.

(تابع)

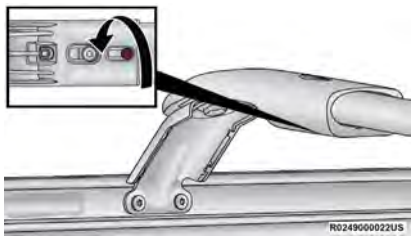
تنبيه!

- يجب ربط الحمولات الطويلة التي تتجاوز الزجاج الأمامي مثل القطع الخشبية أو ألواح التزحلق على الأمواج أو حمولة ذات مساحة أمامية عريضة في كلا الطرفين الأمامي والخلفي.
- قم بقيادة السيارة بسرعة منخفضة وتوخي الحذر لدى الانعطاف عند وضع حمولات كبيرة وثقيلة على حامل السقف. وقد تضيف قوة الريح، نتيجة للعوامل الطبيعية أو نتيجة لمرور الشاحنات الكبيرة بجوار سيارتك، قوة دفع مفاجئة للحمولة إلى الأعلى. وينطبق ذلك بوجه خاص على الحمولة المسطحة الكبيرة وقد يؤدي إلى وقوع أضرار للحمولة أو السيارة.

إزالة العارضات

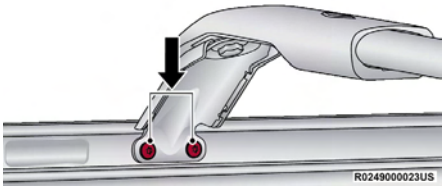
لإزالة العارضات، راجع الإجراء الآتي:

1. باستخدام مفتاح الربط Torx المتوفر، فُك المسامير ذات رأس Torx الموجودة على الدعامة. قم بذلك على كلا طرفي العارضة.



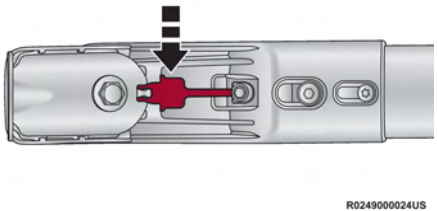
الخطوة 1

2. باستخدام مفتاح الربط المتوفر، أزل المسامير التي تُثبّت العارضة بقضيب السقف. كرر ذلك على الطرف الآخر من العارضة.

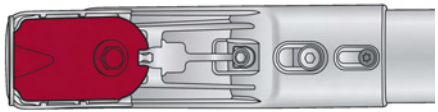


موقع المسمار

3. اضغط على مفتاح التأرجح وأدر الدعامة الخارجية بمقدار 180 درجة للخلف إلى وضع التخزين.

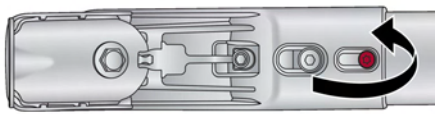


اضغط على مفتاح التأرجح



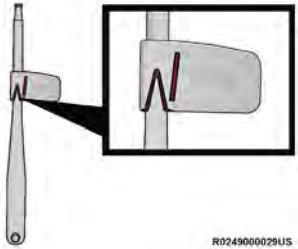
فتح الدعامة الخارجية (الجانب السفلي موضّح)

3. باستخدام مفتاح الربط Torx المتوفر، فُك مسامير Torx الموجودة على كلا طرفي العارضة.



الخطوة 3

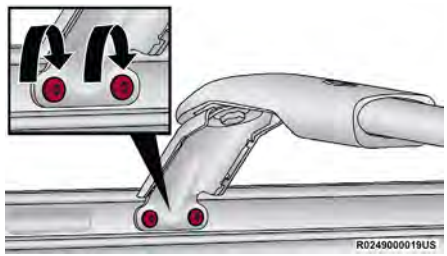
4. باستخدام مفتاح الربط والمثبتات المرفقة، اربط المثبتات بالقضيب الجانبي.



مؤشر مفتاح الربط بالعزم

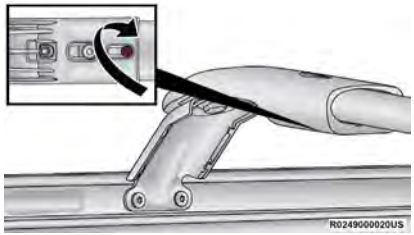
ملاحظة:

يظهر مؤشر على مفتاح الربط عند إحكام ربط المثبت وفقًا لمواصفات العزم المُشار إليها. يستوي الخط المائل مع السهم عند ضبط العزم.



الخطوة 4

5. أحكم ربط المسامير ذات رأس Torx على الدعامة الداخلية.

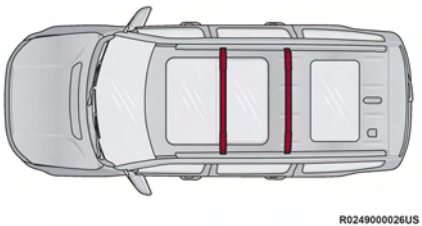


الخطوة 5

ملاحظة:

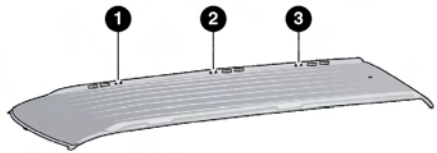
من المهم ترك البراغي مفكوكة حتى يتم تثبيت كلا جانبي العارضة بالقضيب.

6. كرّر الخطوات من 2 إلى 5 مع العارضة الثانية في الموضع المطلوب.



العارضات مُركّبة

توجد ثلاثة مواضع يمكن تركيب العارضتين بها. كما توجد حلقات ربط أيضًا بجوار كل موقع للعارضتين على كلا جانبي السقف.



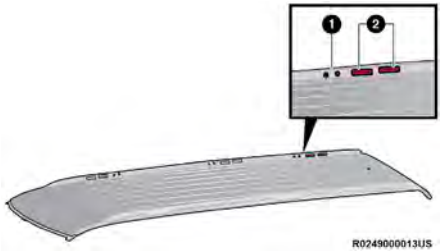
R0249000028US

مواقع العارضتين

1 — الموضع 1
2 — الموضع 2
3 — الموضع 3

ملاحظة:

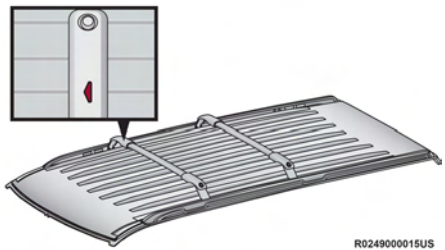
يجب ألا تُستخدم العارضتان إلا في الموضعين 1 و2 أو في الموضعين 1 و3. وهما غير مصممتين للاستخدام في الموضعين 2 و3.



R0249000013US

مواقع العارضتين وحلقة التثبيت

1 — موقع تركيب العارضة
2 — مواقع حلقات الربط



R0249000015US

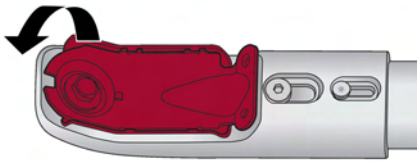
سهم اتجاه العارضة

ملاحظة:

توجد أسهم بالجزء العلوي من العارضتين تشير إلى الاتجاه الذي يجب تركيبهما به. يجب أن تشير الأسهم للأمام في اتجاه مقدمة السيارة.

لتركيب العارضات، نفذ الإجراء الآتي:

1. أخرج العارضتين من القوالب الإسفنجية.
2. أدر الدعامة الخارجية الموجودة على العارضة وقم بتدويرها بمعدل 180 درجة حول المسمار إلى وضع الفتح. افتح الدعامة الخارجية الموجودة على الطرف المقابل للعارضة أيضًا.



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الخطوة 2

تحذير!

- للمساعدة في الحماية ضد الإصابات الجسدية يجب ألا يجلس الركاب في منطقة الحمولة الخلفية. لقد تم تصميم منطقة الحمولة لأغراض تحميل الأشياء فقط وليس للركاب الذين يتوجب عليهم الجلوس على المقاعد واستخدام أحزمة الأمان.
يمكن أن يغير وزن وموضع الحمولة والركاب مركز ثقل السيارة وطريقة التعامل معها. لتجنب فقدان التحكم الذي يؤدي إلى حدوث الإصابات الشخصية، اتبع هذه الإرشادات عند تحميل سيارتك:
- لا تحمل حمولات تتجاوز حدود الحمولة المبينة في الملصق الموجود على العمود الأوسط للبابين الأيمن أو الأيسر.
- قم دائمًا بوضع الحمولة بالتساوي على أرضية الحمولة. ضع الأشياء الثقيلة بأسفل وفي أقصى الطرف الأمامي على قدر الإمكان.
- ضع معظم الأحمال بقدر المستطاع أمام محور الدوران الخلفي. وذلك لأن وضع الأوزان الزائدة عن الحد أو التثبيت غير المناسب للأحمال فوق أو خلف محور الدوران الخلفي يمكن أن يتسبب في اهتزاز مؤخرة السيارة.
- لا تقم بتكديس الأمتعة أو الحمولة لتصل إلى موضع أعلى من ظهر المقعد. فقد يتسبب ذلك في حجب الرؤية أو يصبح أحد الأمتعة جسمًا مندفعًا خطرًا عند التوقف المفاجئ أو وقوع حادث.

شبكة الحمولة — إذا كانت السيارة مزوّدة بذلك

قد تكون منطقة الحمولة الخلفية مزوّدة بشبكة حمولة للحفاظ على العناصر محكمة التثبيت أثناء القيادة.

لتثبيت شبكة الحمولة، يجب تثبيت المشابك عبر الحلقات الموجودة على كلا جانبي منطقة الحمولة.

حامل أمتعة سقفي — إذا كانت السيارة مزوّدة بذلك

صُممت العارضات والقضبان الجانبية لحمل الوزن في السيارات المزودة بحامل الأمتعة السقفي. **يجب ألا يزيد وزن الحمولة عن 68 كجم (150 رطلًا) كما يجب توزيعه بصورة متساوية فوق عارضات الحامل السقفي.**

يتم تسليم العارضات في السيارة مُخزّنة في علبة الحمولة الخلفية. يجب دائمًا استخدام العارضات عند وضع الحمولة على حامل السقف. افحص الأشرطة بصورة دورية للتأكد من ربط الأمتعة بصورة سليمة.

لا يزيد حامل السقف من السعة الكلية لحمل الأوزان للسيارة. تأكد من أن الوزن الكلي للركاب والأمتعة داخل السيارة والوزن الموجود على حامل الأمتعة السقفي لا يزيد عن سعة السيارة القصوى.

تركيب العارضات

تحذير!

في حال حدوث تصادم، قد يتسبب ترك العارضات غير محكمة الإغلاق في حدوث إصابة. قد تطير العارضات حال التوقف المفاجئ وتصيب أحد الموجودين في

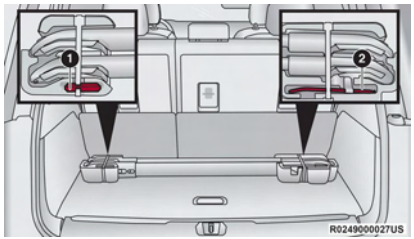
(تابع)

تحذير!

السيارة. لا تخزن العارضات على أرضية منطقة الحمولة أو في مقصورة الركاب. أزل العارضات من السيارة عند فكها من مكانها. لا تخزنها في السيارة.

تم تزويد السيارة بعارضتين. وهما موجودتان في علبة الحمولة الخلفية، ويتم تخزينهما في قوالب إسفنجية.

كما تتوفر أيضًا حزمة من براغي المثبتات ومفتاح ربط Torx في القوالب الإسفنجية. يمكنك العثور على حزمة براغي المثبتات في القالب الإسفنجي الأيسر ومفتاح الربط Torx في القالب الإسفنجي الأيمن.



العارضات في وضع التخزين

1 — براغي المثبتات
2 — مفتاح ربط Torx

- إذا كانت هناك عدة عوائق تعترض طريق باب المؤخرة العامل بالطاقة في عملية تشغيل واحدة، فإن الباب يتوقف أوتوماتيكيًا. إذا حدث ذلك، فيجب تشغيل باب المؤخرة يدويًا.
- سيتم تحرير باب المؤخرة العامل بالطاقة، ولكن لن يتم فتحه كهربيًا، في درجات الحرارة الأقل من –12 درجة فهرنهايت (–24 درجة مئوية). وتأكد من إزاحة أي تراكمات ثلجية أو جليدية عن باب المؤخرة قبل فتحه.
- في حالة ترك باب المؤخرة مفتوحًا لفترة طويلة من الوقت (حوالي ساعة)، قد يلزم إغلاق باب المؤخرة يدويًا لإعادة ضبط وظيفة باب المؤخرة.

تحذير!

- إن ترك باب المؤخرة مفتوحًا أثناء القيادة يمكن أن يسمح بدخول غازات العادم السامة داخل السيارة. يمكن أن تسبب هذه الأدخنة الأذى لك وللركاب. احتفظ بباب المؤخرة في حالة إغلاق عند تشغيل السيارة.
- إذا كانت هناك حاجة ماسة إلى ترك باب المؤخرة مفتوحًا أثناء القيادة، فتأكد من غلق جميع النوافذ واضبط مفتاح مروحة التحكم في درجة الحرارة على وضع السرعة العالية. ولا تستخدم وضع إعادة تدوير الهواء.

ملاحظة:

اترك النظام العامل بالطاقة يفتح باب المؤخرة. قد يؤدي دفع باب المؤخرة أو سحبه يدويًا إلى تنشيط ميزة اكتشاف عوائق باب المؤخرة وإيقاف التشغيل بالطاقة أو عكس اتجاه حركته.

تحذير!

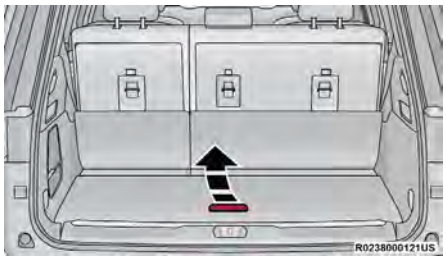
أثناء التشغيل العامل بالطاقة، قد تحدث إصابة شخصية أو تتلف الحمولة. تأكد من إخلاء مسار باب المؤخرة. وتأكد من غلق باب المؤخرة وأنه مغلق بالمزلاج قبل البدء بقيادة السيارة.

ميزات منطقة الحمولة

تخزين الحمولة

صُممت أرضية الحمولة لضمان أقصى حمولة تبلغ 300 رطل (136 كجم)، وينبغي توزيعها بشكل متساو على أرضية الحمولة.

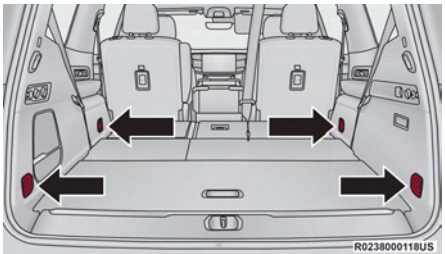
يمكن إيجاد وحدة تخزين إضافية أسفل غطاء التخزين. للوصول إلى منطقة التخزين السفلية، ارفع المقبض ثم ارفع غطاء منطقة التخزين.



رفع مقبض أرضية الحمولة

خطاطيف تثبيت الحمولة

يجب أن تستخدم كلابات تثبيت الحمولة الموجودة على جوانب منطقة الحمولة لتأمين الحمولة أثناء سير السيارة. صُممت أربطة تثبيت الحمولة لحمولة قصوى تبلغ 300 رطل (136 كجم) لكل كلابة تثبيت.



خطافات التثبيت

تحذير!

- لا تعد أربطة تثبيت الحمولة وسيلة آمنة لربط شريط التطويل الخاص بمقعد الطفل. فعند التوقف المفاجئ أو حدوث تصادم قد ينفك أحد أربطة التثبيت بما يؤدى إلى جعل مقعد الطفل حر الحركة. وحينها قد يتعرض الطفل لإصابة خطيرة. استخدم فقط المثبتات المزودة مع أحزمة ربط مقعد الطفل.

(تابع)

4. في حالة ترك باب المؤخرة مفتوحًا لفترة طويلة من الوقت، قد يحتاج باب المؤخرة إلى إغلاقه يدويًا لإعادة تعيين وظيفة باب المؤخرة.

باب صندوق الأمتعة بدون استخدام اليدين - إذا كان مجهزًا

منطقة تنشيط باب المؤخرة بدون استخدام اليدين

لفتح باب المؤخرة أو إغلاقه باستخدام التنشيط بدون استخدام اليدين، استخدم حركة ركل مستقيم للداخل والخارج أسفل منطقة التنشيط في السيارة في المكان العام بين مستشعرات التوقف. تبلغ منطقة التنشيط حوالي 0.3 متر (قدم واحدة) على كل جانب من الخط المركزي للسيارة. يمكن أيضًا استخدام حركة مسح أسفل منطقة التنشيط في التنشيط بدون استخدام اليدين لفتح باب المؤخرة أو إغلاقه.

ملاحظة:
منطقة التنشيط هي نفسها بالنسبة إلى السيارات المزوّدة بمجموعة سحب المقطورة أو غير المزوّدة بها.

حركة ركل صالحة

عند إكمال حركة ركلة صالحة، سيصدر باب المؤخرة صوت صافرة، وستومض مصابيح التحذير من الخطر وسيتم فتح باب المؤخرة بعد ثانية واحدة تقريبًا أو سيغلق بعد ثلاث ثوان تقريبًا. يمكن تمكين هذه الإعدادات أو تعطيلها من خلال إعدادات نظام Uconnect ⇦ صفحة ٢٠٣.

ملاحظة:

- يتطلب الفتح أو الإغلاق بدون استخدام اليدين وجود حافظة مفاتيح صالحة خاصة بنظام الدخول غير النشط على مسافة 5 أقدام (1.5 متر) من مقبض باب المؤخرة. في حال عدم وجود حافظة مفاتيح صالحة للدخول غير النشط في حدود مسافة 1.5 متر (5 أقدام) فلن يستجيب باب المؤخرة لأي ركلات، وسيصدر صافرات منع لإعلام المستخدم بشأن حافظة المفاتيح المفقودة.
- يجب ألا تزيد المسافة من الواجهة الخلفية/المصد إلى القدم على 20 سم (8 بوصات) ليتم التعرف عليها كركلة صالحة.
- يمكن تشغيل ميزة باب المؤخرة الذي يتم تشغيله بدون استخدام اليدين أو إيقاف تشغيلها من إعدادات نظام Uconnect ⇦ صفحة ٢٠٣.
- يجب إيقاف تشغيل ميزة باب المؤخرة الذي يمكن تشغيله بدون استخدام اليدين أثناء استخدام الرافعة وتغيير الإطار وغسل السيارة يدويًا وصيانة السيارة.
- يمكن تنشيط ميزة باب المؤخرة الذي يمكن تشغيله بدون استخدام اليدين بواسطة جسم معدني وتنفيذ حركة للداخل وللخارج أسفل الواجهة/المصد في الخلف، مثل التنظيف باستخدام مكنسة معدنية.
- لن يعمل باب المؤخرة الذي يتم تشغيله بدون استخدام اليدين إلا عند وجود ناقل الحركة في وضع PARK (التوقف).
- إذا كان هناك أي شيء يعيق باب المؤخرة الذي يمكن تشغيله بدون استخدام اليدين أثناء الفتح أو الغلق، فسوف يتم عكس حركة باب المؤخرة بصورة أوتوماتيكية إلى وضع الغلق/الفتح، شريطة وجود المقاومة الكافية.
- لن يفتح باب المؤخرة من دون استخدام اليدين في أثناء وجود حافظة المفاتيح في حامل الأكواب أو في أي مكان داخل السيارة.
- وهناك مستشعرات للضغط مُركبة على جانب فتحة باب المؤخرة. ويؤدي الضغط الخفيف على أي جزء من هذه الوحدات إلى إعادة باب المؤخرة إلى الوضع المفتوح.

- يجب أن تكون السيارة في وضع PARK (التوقف) لاستخدام زر فتح/إغلاق باب المؤخرة.

تحذير!
إن ترك باب المؤخرة مفتوحًا أثناء القيادة يمكن أن يسمح بدخول غازات العادم السامة داخل السيارة. يمكن أن تسبب هذه الأدخنة الأذى لك وللركاب. احتفظ بباب المؤخرة في حالة إغلاق عند تشغيل السيارة.

ملاحظة:

كما يمكن فتح باب المؤخرة يدويًا عن طريق الضغط على مقبض تحرير باب المؤخرة الإلكتروني وسحبه لأعلى في حركة واحدة سلسة.

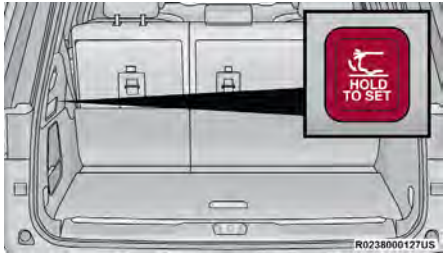
لقفل/غلق باب المؤخرة

هناك العديد من الطرق المختلفة لإغلاق باب المؤخرة:

- يدويًا (عليك الإمساك بمقبض إغلاق باب المؤخرة والسحب لأسفل).
- حافظة المفاتيح
- من دون استخدام اليدين (إذا كانت السيارة مزوّدة بذلك)
- زر إغلاق باب المؤخرة في منطقة الحمولة

مع وجود حافظة مفاتيح صالحة مزوّدة بنظام الدخول غير النشط ضمن مسافة 1.5 متر (5 أقدام) من باب المؤخرة، سيؤدي الضغط على زر الدخول غير النشط الموجود على يسار مقبض تحرير باب المؤخرة الإلكتروني، إلى قفل السيارة فقط.

في حال فتح باب المؤخرة بشكل كامل، يمكن إغلاقه بالضغط على زر إغلاق باب المؤخرة الموجود في منطقة الحمولة على لوحة الكسوة الخلفية اليسرى بالقرب من فتحة باب المؤخرة. إذا كان باب المؤخرة في وضع الحركة، فسيؤدي الضغط على زر إغلاق باب المؤخرة مرةً ثانية إلى إلغاء تشغيل باب المؤخرة.



زر إغلاق باب المؤخرة

ارتفاع باب المؤخرة العامل بالطاقة والقابل للضبط

يمكن ضبط وحفظ أقصى ارتفاع بمقدور باب المؤخرة أن يُفتح إليه بحيث لن يُفتح باب المؤخرة إلا إلى الارتفاع المطلوب. لضبط الارتفاع المطلوب، تابع كما يلي:

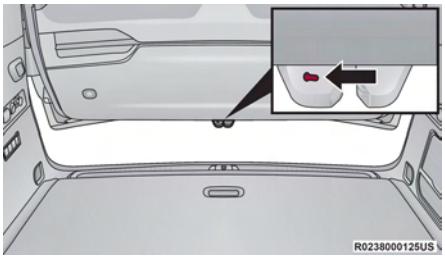
1. افتح باب المؤخرة بالكامل، ثم اسحب باب المؤخرة لأسفل يدويًا إلى الارتفاع المطلوب.
2. اضغط مطولاً على زر إغلاق باب المؤخرة الموجود على لوحة كسوة الجانب الأيسر داخل منطقة الحمولة، لمدة ثلاث ثوان. ستسمع إشارة صوتية لإعلامك بحفظ الارتفاع.

لإعادة ضبط إعداد الارتفاع المحفوظ على إعداد جديد، تابع على النحو التالي:

1. افتح باب المؤخرة، ثم ادفع باب المؤخرة يدويًا لأعلى حتى وضع الفتح الكامل.
2. اسحب باب المؤخرة يدويًا لأسفل إلى الارتفاع الجديد المطلوب واستمر في الضغط على زر إغلاق باب المؤخرة لمدة ثلاث ثوان إلى أن تسمع الإشارة الصوتية.

الإجراء عند حدوث عطل في الباب الخلفي العامل بالطاقة:

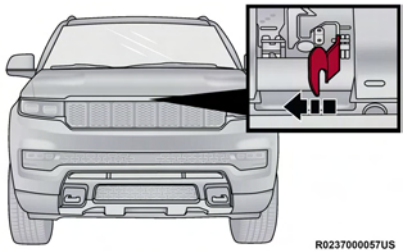
1. في حالة حدوث عطل كهربي في باب المؤخرة، يمكن تحرير باب المؤخرة عن طريق الوصول إلى ميزة تحرير الخدمة في المزلاج. يمكن القيام بذلك باستخدام مفك بقُطر 3 ملم.



تحرير خدمة باب المؤخرة

2. من داخل الباب، يمكن رؤية فتحة. ضع المفك داخل الفتحة.
3. أدر مقبض المفك لتشغيل الذراع وتحرير المزلاج.

2. قم بالوصول لأسفل غطاء المحرك من خارج السيارة، وحرك مزلاج الأمان إلى اليسار وارفع غطاء المحرك.



موقع مزلاج السلامة

ملاحظة:

- يجب أن تكون السيارة متوقفة ويجب أن يكون محدد التروس في وضع PARK (التوقف).
- أثناء رفع غطاء المحرك، استخدم كلتا يديك.
- قبل رفع غطاء المحرك، تحقق من عدم تحرك ذراعي الماسحة ومن عدم رفعهما.
- قد يتوجب عليك الضغط قليلاً لأسفل على الغطاء قبل الضغط على مزلاج الأمان.

إغلاق غطاء المحرك

في حركة واحدة مستمرة، اسحب الحافة الأمامية لغطاء المحرك لأسفل بقوة معتدلة إلى أن تصبح الزاوية أسفل نقطة العبور (إلى حيث لا تبدي دعائم الغاز أي مقاومة) واترك غطاء المحرك يستمر في السقوط من قصوره الذاتي.

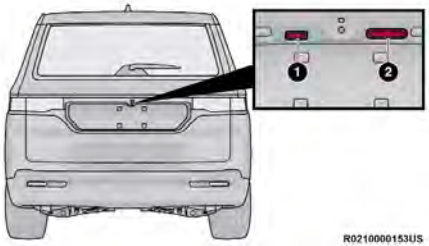
تحذير!
تأكد من إحكام غلق غطاء المحرك قبل قيادة السيارة. إن عدم غلق غطاء المحرك بإحكام يمكن أن يؤدي إلى فتحه بصورة مفاجئة أثناء سير السيارة وبالتالي حجب الرؤية. يترتب على عدم اتباع هذا التحذير حدوث إصابة بالغة أو الوفاة.

باب المؤخرة

لإلغاء قفل/فتح باب المؤخرة

يمكن فتح باب المؤخرة العامل بالطاقة بالضغط على زر باب المؤخرة من حافظة المفاتيح، أو بالضغط على زر باب المؤخرة في منطقة الحمولة أو بالضغط على مقبض تحرير باب المؤخرة الإلكتروني ⇦ صفحة ٣١.

اضغط على زر liftgate (باب المؤخرة) في حافظة المفاتيح مرتين متتاليتين خلال خمس ثوان لفتح باب المؤخرة العامل بالطاقة. بمجرد فتح باب المؤخرة، يؤدي الضغط مرتين على الزر خلال 5 ثوان للمرة الثانية إلى غلقه.



الدخول من باب المؤخرة

1 — زر قفل الدخول غير النشط
2 — مقبض تحرير باب المؤخرة الإلكتروني

ملاحظة:

في حال برمجة كل الأبواب على إلغاء القفل عند الضغطة الأولى في إعدادات نظام Uconnect ⇦ صفحة ٢٠٣، سيتم إلغاء قفل باب المؤخرة فقط عند الضغط على مفتاح تحرير باب المؤخرة الإلكتروني. وفي حال برمجة باب السائق فقط، سيتم إلغاء قفل باب المؤخرة فقط عند الضغط على مفتاح تحرير باب المؤخرة الإلكتروني.

ملاحظة:

- استخدم مفتاح قفل الباب العامل بالطاقة الموجود على لوحة كسوة الباب الأمامي أو على حافظة مفاتيح لقفل باب المؤخرة أو إلغاء قفله.
- لن تقوم أسطوانة قفل باب السائق بقفل باب المؤخرة وإلغاء قفله.

الفتح/الإغلاق السريع

لفتح الستارة الشمسية، اضغط على OPEN (فتح) الموجود على مفتاح الستارة الشمسية وحرره خلال نصف ثانية، وسيتم فتح الستارة الشمسية إلى وضع الفتح إلى المنتصف وتتوقف أوتوماتيكيًا. اضغط على OPEN (فتح) وحرره مرةً أخرى للاستمرار في فتح الستارة الشمسية إلى وضع الفتح الكامل.

لإغلاق الستارة الشمسية، اضغط على CLOSE (إغلاق) الموجود على مفتاح الستارة الشمسية وحرره في غضون نصف ثانية.

أثناء عملية "الفتح السريع" أو "الغلق السريع"، سيؤدي أي تشغيل آخر لمفاتيح السقف المتحرك إلى إيقاف الستارة الشمسية في وضع الفتح الجزئي.

الفتح/الإغلاق اليدوي

لفتح الستارة الشمسية، اضغط مع الاستمرار على OPEN (فتح) الموجود على مفتاح الستارة الشمسية، وسيتم فتح الستارة الشمسية إلى وضع الفتح إلى المنتصف وتتوقف أوتوماتيكيًا. اضغط مع الاستمرار على OPEN (فتح) مرةً أخرى للاستمرار في فتح الستارة الشمسية إلى وضع الفتح الكامل.

لإغلاق الستارة الشمسية، اضغط مع الاستمرار على CLOSE (إغلاق) الموجود على مفتاح الستارة الشمسية.

سيؤدي تحرير المفتاح أثناء حركة الستارة الشمسية إلى إيقاف الستارة الشمسية في وضع الفتح الجزئي.

ميزة الحماية ضد الانضغاط

تكتشف هذه الميزة وجود عائق أمام السقف المتحرك أثناء إجراء الإغلاق السريع. إذا تم اكتشاف عائق في مسار السقف المتحرك، يتراجع السقف المتحرك إلى مكانه أوتوماتيكيًا. أزل العائق في حالة حدوث ذلك.

ملاحظة:

إذا أدت ثلاث محاولات متتالية لإغلاق فتحة السقف إلى حدوث انعكاسات الحماية ضد الانضغاط، فسوف يتم تعطيل الحماية ضد الانضغاط ويجب إغلاق السقف المتحرك في الوضع اليدوي.

التشغيل عندما يكون المفتاح في وضع الإيقاف — إذا كانت السيارة مزودة بذلك

سيظل مفتاح السقف المتحرك العامل بالطاقة نشطًا لمدة 10 دقائق تقريبًا بعد إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). يؤدي فتح أي من الأبواب الأمامية إلى إلغاء هذه الميزة.

ملاحظة:

إذا كانت السيارة مزودة بهذا الإعداد، فسيكون من الممكن برمجة توقيت إيقاف تشغيل مفتاح التشغيل باستخدام نظام Uconnect ⇦ صفحة ٢٠٣.

السقف المتحرك في الصف الثالث

يحتوي السقف المتحرك الموجود فوق مقاعد الصف الثالث على جزء زجاجي فردي ثابت مع ستارة شمسية يدوية.
لفتح الستارة الشمسية، اسحب المقبض نحو مقدمة السيارة.
لإغلاق الستارة الشمسية، اسحب المقبض نحو مؤخرة السيارة.

صيانة السقف المتحرك

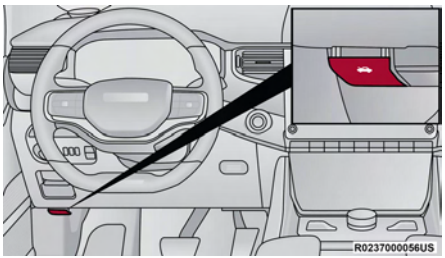
استخدم منظفات غير كاشطة وقطعة قماش ناعمة لتنظيف اللوحة الزجاجية. افحص بصورة دورية بحثًا عن أي رواسب قد تكون قد تجمعت في المسارات وقم بإزالتها.

غطاء المحرك

فتح غطاء المحرك

لفتح غطاء المحرك يجب تحرير سقاطتين.

1. اسحب ذراع التحرير الموجود أسفل جانب السائق من لوحة أجهزة القياس.



تحرير غطاء المحرك

تحذير!

- لا تترك الأطفال من دون مراقبة في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. لا تترك مطلقًا حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه. لا تترك مفتاح التشغيل المزوّد بميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ في وضع ON/RUN (التشغيل/الانطلاق). يمكن أن يحبس الركاب، وخاصة الأطفال المتروكون بمفردهم، داخل السيارة بواسطة السقف المتحرك العامل بالطاقة، وذلك أثناء تشغيل مفتاح فتح السقف المتحرك العامل بالطاقة. وقد يسفر ذلك عن إصابات خطيرة أو الوفاة.
- فعند وقوع حادث، يوجد احتمال كبير أن يقذف بالركاب من خلال فتحة السقف المتحرك المفتوحة. وقد تتعرض أيضًا لإصابات خطيرة أو الموت. ينبغي أيضًا إحكام ربط حزام الأمان بطريقة صحيحة والتأكد من تأمين جلوس جميع الركاب في مقاعدهم أيضًا.
- لا تسمح للأطفال الصغار بتشغيل السقف المتحرك. لا تسمح بخروج أصابع اليدين أو أي جزء آخر من الجسم، أو أي شيء من خلال فتحة السقف المتحرك. فقد ينتج عن ذلك حدوث إصابات.

فتح فتحة السقف وإغلاقها

يتضمن السقف المتحرك اثنتين من عمليات الإيقاف الأوتوماتيكية المبرمجة لوضع فتح السقف المتحرك؛ وهما وضع الإيقاف المريح ووضع الفتح الكامل. يقلل وضع الإيقاف المريح من صوت اهتزاز السيارة بفعل الرياح في الأجزاء الداخلية.

الفتح/الإغلاق السريع

لفتح السقف المتحرك، اضغط على OPEN (فتح) الموجود على مفتاح السقف المتحرك وحرره في غضون نصف ثانية. سيتم فتح السقف المتحرك إلى وضع الإيقاف المريح ويتوقف أوتوماتيكيًا. اضغط على OPEN (فتح) وحرره مرةً أخرى للاستمرار إلى وضع الفتح الكامل.

لإغلاق السقف المتحرك، اضغط على CLOSE (إغلاق) الموجود على مفتاح السقف المتحرك وحرره في غضون نصف ثانية. سوف يُغلق السقف المتحرك أوتوماتيكيًا من أي وضع.

في أثناء عملية الفتح السريع أو الإغلاق السريع، سيؤدي أي تشغيل آخر لمفتاح الستارة الشمسية إلى إيقاف الستارة الشمسية.

الفتح/الإغلاق اليدوي

لفتح السقف المتحرك، اضغط مع الاستمرار على OPEN (فتح) الموجود على مفتاح فتحة السقف. سيتم فتح السقف المتحرك إلى وضع الإيقاف المريح، ثم يتوقف أوتوماتيكيًا. حرّر المفتاح للخلف ثم اضغط عليه مع الاستمرار مرةً أخرى للاستمرار في وضع الفتح الكامل.

لإغلاق السقف المتحرك، اضغط مع الاستمرار على CLOSE (إغلاق) الموجود على مفتاح فتحة السقف.

سيؤدي أي تحرير للمفتاح في أثناء عملية الفتح أو الإغلاق إلى إيقاف حركة فتحة السقف في وضع الفتح الجزئي.

تهوية السقف المتحرك السريعة

لتهوية السقف المتحرك، اضغط على TILT (إمالة) الموجود على فتحة التهوية وحرره في غضون نصف ثانية. يتم فتح السقف المتحرك إلى وضع التهوية بغض النظر عن وضعه الأولي. أثناء التهوية السريعة يؤدي أي تشغيل للمفتاح إلى إيقاف السقف المتحرك.

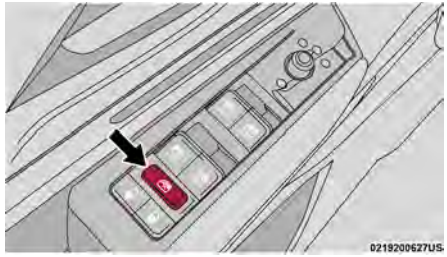
ملاحظة:

إذا كانت الستارة الشمسية في وضع الإغلاق عند بدء الفتح السريع/الفتح اليدوي أو تشغيل التهوية، فسوف تُفتح الستارة الشمسية أوتوماتيكيًا إلى وضع نصف الفتح قبل فتح السقف المتحرك.

فتح الستارة الشمسية العاملة بالطاقة وإغلاقها

تشتمل الستارة الشمسية على وضعي فتح مبرمجين: وضع الفتح إلى المنتصف ووضع الفتح الكامل. عند تشغيل الستارة الشمسية من وضع الغلق، ستتوقف الستارة الشمسية دائمًا في وضع الفتح إلى المنتصف بغض النظر عن تشغيل الفتح السريع أو اليدوي. يجب الضغط على المفتاح مرة أخرى لمتابعة التشغيل إلى وضع الفتح الكامل.

إذا كان السقف المتحرك مفتوحًا أو مفتوحًا جزئيًا للتهوية، فإنه لا يمكن إغلاق الستارة الشمسية لأكثر من نصف وضع الفتح. يؤدي الضغط على مفتاح إغلاق الستارة الشمسية عندما يكون السقف المتحرك مفتوحًا/مفتوحًا جزئيًا للتهوية والستارة الشمسية في نصف وضع الفتح إلى إغلاق فتحة السقف أوتوماتيكيًا قبل إغلاق الستارة الشمسية.



مفتاح قفل النافذة العاملة بالطاقة

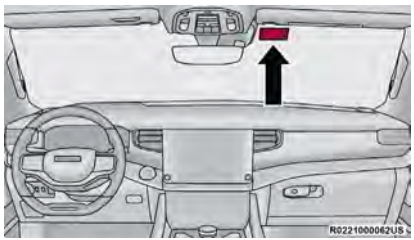
صوت اهتزاز السيارة بفعل الرياح

يمكن وصف صوت اهتزاز السيارة بسبب هبوب الرياح كالضغط المسلط على الأذن أو كصوت طائرات الهليكوبتر. قد تتعرض سيارتك لصوت الاهتزاز بفعل الرياح أثناء خفض زجاج النوافذ، أو فتح السقف المتحرك (إذا كانت السيارة مزودة بذلك) فتحًا كليًا أو جزئيًا. ويعتبر ذلك أمرًا طبيعيًا ومن الممكن تقليل تأثيره. إذا حصل مثل هذا الاهتزاز عند فتح النافذتين الخلفيتين، فافتح النوافذ الأمامية والخلفية في الوقت نفسه لتقليل تأثير الرياح. في حالة تعرض السيارة لصوت الاهتزاز بفعل الرياح أثناء فتح السقف المتحرك، فاضبط السقف المتحرك لتقليل قوة هبوب الرياح أو افتح زجاج أي نافذة.

أجهزة إشارة الراديو على الزجاج الأمامي — إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزوّدة بزجاج عاكس للأشعة تحت الحمراء (IRR) خفيف متميز. عند الحاجة إلى تركيب أجهزة مثل أجهزة الإرسال والاستقبال، أو أجهزة فتح باب المرآب، أو أجهزة اكتشاف الرادار أو أي جهاز آخر يرسل إشارة راديو، يُرجى الرجوع إلى المنطقة المخصصة على الزجاج الأمامي. يوجد مربع صغير بالقرب من جانب الراكب في غطاء المرآة. يمكن التعرف على الموقع من خلال تغير طفيف في لون الزجاج بسبب إزالة الطبقة العاكسة للأشعة تحت الحمراء (IRR).

يمكن أن تؤدي طبقات طلاء الزجاج الأمامي المعدنية المتوفرة في Grand Wagoneer إلى تعطيل إرسال/استقبال RFID (وتعني تحديد الهوية بتردد الراديو) بناءً على موقع الإشارة أو التداخل الإضافي، بغض النظر عن منطقة الحذف المتوفرة. في حال عدم عمل أي مقاطعة لتحديد الهوية بتردد الراديو (RFID) أو للإشارة بين جهاز مركب في السيارة (مثل جهاز إرسال واستقبال غير مجاني) بشكل صحيح، قد تحتاج إلى استشارة شركة جهاز الإرسال والاستقبال غير المجاني وقد تضطر إلى استخدام جهاز بديل مثل جهاز إرسال واستقبال غير مجاني متصل بلوحة أرقام.



موقع تركيب جهاز إشارة الراديو

السقف المتحرك العامل بالطاقة — إذا كانت السيارة مزوّدة بذلك

السقف المتحرك العامل بالطاقة الثلاثي الألواح

توجد مفاتيح السقف المتحرك العامل بالطاقة في الكونسول العلوي بين مصابيح الزينة/القراءة.

مفاتيح السقف المتحرك العامل بالطاقة

1 — فتح/إغلاق السقف المتحرك
2 — تهوية السقف المتحرك
3 — فتح/إغلاق الستارة الشمسية

ملاحظة:

- تبقى مفاتيح النوافذ العاملة بالطاقة نشطة لمدة تصل إلى 10 دقائق بعد ضبط مفتاح التشغيل على وضع OFF (إيقاف التشغيل). ويؤدي فتح أحد البابين الأماميين إلى إبطال هذه الميزة.
- لن تعمل مفاتيح التحكم في النافذة إلا عندما يكون مفتاح تشغيل السيارة في وضع ON/RUN (التشغيل/الانطلاق).

تحذير!
لا تترك الأطفال بمفردهم داخل السيارة مطلقًا، ولا تسمح للأطفال بالعبث في النوافذ العاملة بالطاقة. لا تترك حافظة المفاتيح في السيارة أو بالقرب منها (أو في مكان يتمكن الأطفال من الوصول إليه)، ولا تترك ميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ في وضع ON/RUN (التشغيل/الانطلاق). فقد تنغلق النوافذ على يد الركاب وخاصة الأطفال عند استعمال مفاتيح النوافذ العاملة بالطاقة. وقد يسفر ذلك عن إصابات خطيرة أو الوفاة.

ميزات النافذة الأوتوماتيكية

قد تشتمل نوافذ السائق والراكب الأمامي وكذلك كلّ من النافذتين الخلفيتين، إذا كانت السيارة مزودة بذلك، على عمليتي الإنزال الأوتوماتيكي أو الرفع الأوتوماتيكي.

ميزة الإنزال الأوتوماتيكي

بالنسبة إلى النوافذ المزوّدة بميزة AUTO (أوتوماتيكي)، اضغط مفتاح النافذة لأسفل إلى الحابسة الثانية، ثم حرره وستتحرك النافذة لأسفل أوتوماتيكيًا.

لمنع النافذة من النزول الكامل لأسفل أثناء تشغيل ميزة الإنزال الأوتوماتيكي، قم بسحب المفتاح لأعلى أو الضغط عليه لأسفل لفترة وجيزة.

ميزة الرفع الأوتوماتيكي لأعلى مع الحماية ضد الانضغاط

بالنسبة إلى النوافذ المزوّدة بميزة AUTO (أوتوماتيكي)، اضغط مفتاح النافذة لأعلى إلى الحابسة الثانية، ثم حرره وستتحرك النافذة لأعلى أوتوماتيكيًا.

لمنع النافذة من الارتفاع الكامل لأعلى أثناء تشغيل ميزة الرفع الأوتوماتيكي، اسحب المفتاح لأسفل لفترة وجيزة.

لإغلاق النافذة جزئيًا، ارفع مفتاح النافذة لفترة وجيزة وحرره عندما ترغب في إيقاف النافذة.

إذا ما واجهت النافذة أي عائق من العوائق أثناء عملية الرفع الأوتوماتيكي، فستعكس اتجاه حركتها وتعود للأسفل. قم بإزالة العوائق واستخدم مفتاح النافذة مرة أخرى لغلق النافذة.

ملاحظة:

قد يؤدي أي تصادم ناجم عن ظروف القيادة على طرق وعرة إلى تشغيل وظيفة الرجوع العكسي الأوتوماتيكي على نحو فجائي أثناء عملية الإغلاق الأوتوماتيكي. إذا حدث ذلك، فاسحب المفتاح قليلاً مع الاستمرار لإغلاق النافذة يدويًا.

تحذير!
عندما توشك النافذة على الغلق، فإن ميزة الحماية ضد الضغط لا تتوافر. لتجنب حدوث إصابة شخصية، تأكد من إبعاد ذراعيك ويديك وأصابعك وجميع الأشياء عن مسار النافذة قبل إغلاقها.

إعادة ضبط ميزة الرفع الأوتوماتيكي

إذا توقفت ميزة الرفع الأوتوماتيكي، فقد تكون النافذة في حاجة إلى إعادة الضبط. لإعادة ضبط ميزة الرفع الأوتوماتيكي:

الأبواب الأمامية

1. اسحب مفتاح النافذة لأعلى لإغلاق النافذة بالكامل واستمر في الضغط على المفتاح لأعلى لثانيتين إضافيتين بعد إغلاق النافذة.

الأبواب الخلفية

1. اسحب مفتاح النافذة لأعلى لإغلاق النافذة بالكامل واستمر في الضغط على المفتاح لأعلى لثانيتين إضافيتين بعد إغلاق النافذة.
2. حرر مفتاح النافذة، وفي غضون خمس ثوان، اسحب مفتاح النافذة لأعلى مرة أخرى لمدة ثانيتين إضافيتين.

مفتاح قفل النوافذ

يتيح مفتاح قفل النوافذ على لوحة كسوة باب السائق تعطيل عمل مفاتيح تحكم النوافذ الموجودة على أبواب الركاب الخلفيين. لتعطيل مفاتيح التحكم في النوافذ، اضغط على زر قفل النوافذ وحرره (سوف يضيء ضوء المؤشر الموجود على الزر). لتمكين مفاتيح التحكم في النوافذ، اضغط على زر قفل النوافذ مرة أخرى وحرره (سوف ينطفئ ضوء المؤشر الموجود على الزر).

ملحوظات مهمة عن لوحة الشحن اللاسلكي لهذه السيارة:

- قد يشير وجود وظيفة الاتصال قريب المدى (NFC) النشطة على الهاتف الذكي إلى وجود أوجه خلل بالتشغيل.
- يجب أن يكون مفتاح الإشعال في وضع ON/RUN حتى يتم شحن الهاتف.
- من أجل تجنب التداخل مع بحث المفتاح الإلكتروني، ستتوقف لوحة الشحن اللاسلكي عن الشحن عند فتح أي باب أو باب المؤخرة، حتى إذا كان المحرك قيد التشغيل.
- تأكد من وضع الجهاز المحمول بطريقة صحيحة (الشاشة موجهة نحو الأعلى، والهاتف لا يغطي مصباح الليد) على لوحة الشحن اللاسلكي.
- إذا تحرك الهاتف على اللوحة بالشكل الذي يتسبب في إضاءة الضوء الأحمر، فسيتعين رفع الهاتف ووضعه على لوحة الشحن مرة أخرى لاستئناف الشحن.
- لا يكون الشحن اللاسلكي بالسرعة نفسها التي يتم بها الشحن عن طريق توصيل الهاتف بشاحن سلكي.
- يجب إزالة الغطاء الواقي للهاتف عند وضعه على لوحة الشحن اللاسلكي.
- إن جهاز iPhone® 12 (بما في ذلك iPod®) مزود ببرنامج لحماية الجهاز من السخونة الزائدة. عندما يكون البرنامج نشطًا، يتم إبطاء معدل الشحن لحماية الجهاز.
- يجب وضع الهواتف دائمًا على لوحة الشحن اللاسلكي داخل المخطط الموضح على اللوحة حتى تتصل أجزاء الشحن الخاصة بها بملفات الشحن الخاصة بالنظام. قد يؤدي تحرك الهاتف في أثناء الشحن إلى إيقاف معدل الشحن أو إبطائه.
- يؤدي فتح عدة تطبيقات على الهاتف في أثناء الشحن إلى تقليل فعالية الشحن، وقد يؤدي كذلك إلى إيقاف تشغيل تطبيق يعمل بشكل نشط (أي Apple CarPlay®). قد يتسبب ذلك أيضًا في زيادة سخونة الهاتف.
- قد تتبع الشواحن اللاسلكية أساليب معينة لمنع زيادة سخونة الهاتف في أثناء الشحن، مثل إبطاء معدل الشحن. في بعض الحالات، قد يتوقف الجهاز عن التشغيل لمدة زمنية قصيرة (عندما يصل الجهاز إلى درجة حرارة معينة). إذا حدث ذلك، فهذا لا يعني وجود عطل في لوحة الشحن اللاسلكي. فقد يكون ذلك مجرد إجراء وقائي لمنع تلف الهاتف.
- قد يؤدي استخدام وظائف لاسلكية متعددة في نفس الوقت (الشحن اللاسلكي, Apple CarPlay®, Android Auto™) إلى ارتفاع حرارة الجهاز، مما يؤدي إلى الحد من الوظائف أو إيقاف تشغيله. في هذه الحالة, نوصي بتوصيل النظام باستخدام منفذ USB.
- لا تضع حافظة المفاتيح أو أي نوع آخر من الأشياء المعدنية/الممغنطة داخل مبيت الهاتف المحمول أو بالقرب من لوحة الشحن اللاسلكي.
- عند وضع جهاز متوافق على لوحة الشحن وتدوير مفتاح الإشعال إلى OFF، قد تظهر رسالة تذكير على شاشة لوحة أجهزة القياس لإبلاغ السائق.

تنبيه!

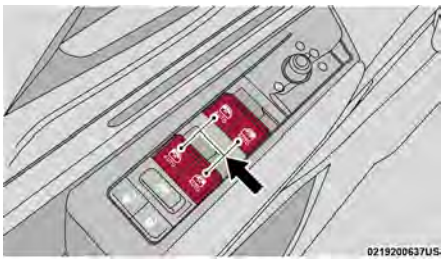
يجب عدم وضع حافظة المفاتيح على لوحة الشحن أو على مسافة 15 سم (6 بوصات) منها. فقد يتسبب ذلك في ارتفاع الحرارة بشكل مفرط وتلف حافظة المفاتيح. كما أنّ وضع حافظة المفاتيح بالقرب من لوحة الشحن يعطِّل اكتشاف السيارة لحافظة المفاتيح، ما يمنع بدء تشغيل السيارة.

النوافذ

مفاتيح التحكم في النوافذ العاملة بالطاقة

تقوم مفاتيح التحكم في النوافذ العاملة بالطاقة الموجودة على لوحة كسوة باب السائق، بتشغيل حركة النافذة لجميع النوافذ العاملة بالطاقة الأربع.

ويوجد مفتاح واحد على باب الراكب الأمامي وأبواب الركاب الخلفية والذي يقوم بتشغيل النوافذ لذلك الباب فقط.

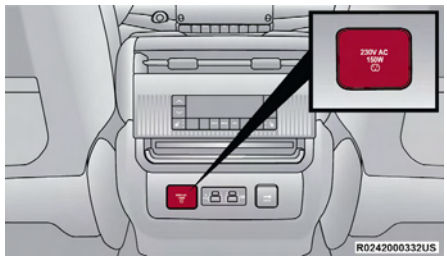


مفاتيح نافذة باب السائق العاملة بالطاقة

تنبيه!
• بعد استخدام الأجهزة التي تسحب طاقة عالية أو عند عدم تشغيل السيارة (عند توصيل الأجهزة بالمقابس) لفترات طويلة يجب قيادة السيارة لمدة كافية تتيح للمولد الكهربائي شحن البطارية.

محول الطاقة - إذا كانت السيارة مزودة بذلك

يوجد مأخذ محول بجهد 230 فولت، وقدرة 150 وات على الجزء الخلفي من الكونسول المركزي لتحويل التيار المستمر إلى تيار متردد. يمكن لهذا المأخذ توفير الطاقة للهواتف الخلوية والإلكترونيات والأجهزة الأخرى منخفضة الطاقة التي تتطلب التزود بطاقة تصل إلى 150 وات. ستتجاوز بعض وحدات التحكم في ألعاب الفيديو حد الطاقة هذا، كما سيكون الحال مع معظم الأدوات العاملة بالطاقة.

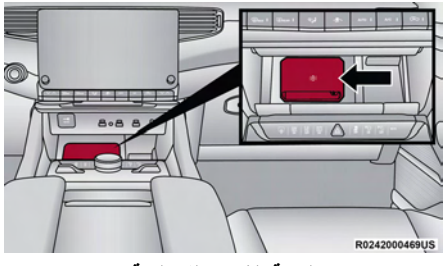


الطاقة محول

تم تصميم المحول العامل بالطاقة مع الحماية المضمنة من الحمل الكهربي الزائد. في حالة تجاوز معدل الطاقة لمقدار 150 وات، سيتوقف المحول العامل بالطاقة أوتوماتيكيًا. بمجرد إزالة الجهاز الكهربي من المأخذ، سيتم تلقائيًا إعادة ضبط المحول. لتفادي الحمل الزائد على الدائرة، تحقق من معدلات الطاقة الموجودة على الأجهزة الكهربية قبل استخدام المحول.

تحذير!
لتجنب الإصابة الخطيرة أو الوفاة: • لا تقم بإدخال أي أشياء في المقابس. • لا تلمس المقابس بيدين مبللتين. • أغلق الغطاء في حالة عدم استخدامها. • في حالة التعامل مع هذا المأخذ بشكل خاطئ، قد يتسبب ذلك في حدوث صدمة كهربية وخلل كهربي.

لوحة الشحن اللاسلكية - إذا كانت السيارة مزودة بذلك



لوحة الشحن اللاسلكية

ربما تكون سيارتك مزوّدة بلوحة شحن لاسلكي Qi® بقدرة 15 واط و3 أمبير موجودة أسفل المجموعة الوسطى، في حجيرة التخزين. صُممت لوحة الشحن هذه لشحن هاتفك المحمول الذي يدعم Qi® لاسلكيًا. إن Qi® معيار يسمح بالشحن اللاسلكي لهاتفك المحمول.

يجب أن يكون هاتفك المحمول مصمّمًا للشحن اللاسلكي Qi®. إذا لم يكن الهاتف مزودًا بوظيفة الشحن اللاسلكي Qi®، يمكن شراء لوحة خلفية خاصة أو حافظة من السوق من مزود هاتفك المحمول أو من موزّع إلكترونيات محلي. تُرجى مراجعة دليل مالك الهاتف للحصول على مزيد من المعلومات.

لوحة الشحن اللاسلكي مزودة بسجادة منع الانزلاق لتثبيت هاتفك المحمول في مكانه، وضوء مؤشر LED.

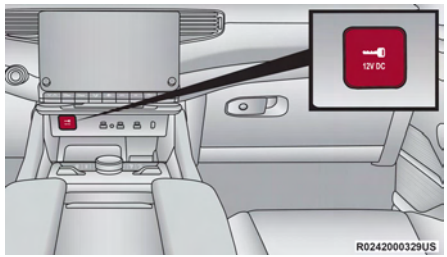
ضع الجهاز في المنطقة المجهزة له والمحددة بالسجادة على النحو المبين في الصورة. سيؤدي الوضع غير الصحيح إلى منع شحن الهاتف.

حالة مؤشر LED:

- بدون أي ضوء: لوحة الشحن في وضع السكون أو في وضع البحث عن جهاز. قد لا يكون الجهاز متوافقاً مع معيار Qi®.
- ضوء أزرق: تم اكتشاف جهاز ويتم شحنه.
- ضوء/وميض باللون الأحمر: حدث خطأ داخلي أو تم اكتشاف جسم غريب.
- ضوء أخضر: أكمل الجهاز شحن البطارية (إذا كان الجهاز مزوداً لإرسال هذه المعلومة).

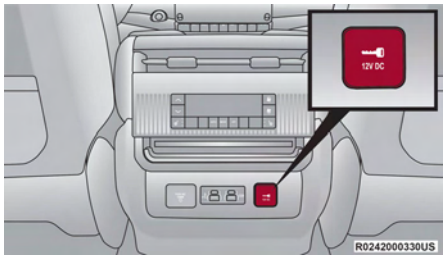
- صممت نقاط تزويد الطاقة فقط لتوصيل الملحقات. لا تقم بإدخال أي شيء آخر في مأخذ الطاقة لأن ذلك سيتلف المأخذ ويحرق المنصهر. ويؤدي عدم استعمال مأخذ الطاقة بصورة صحيحة إلى حصول أضرار لا يشملها الضمان المحدود للسيارة الجديدة.

يقع مأخذ الطاقة الأمامي داخل منطقة التخزين في المجموعة الوسطى من مجموعة أجهزة القياس أسفل مفاتيح التحكم في درجات الحرارة.



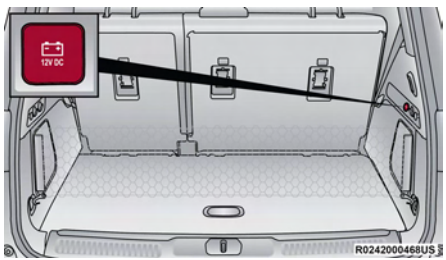
مأخذ الطاقة الأمامي

بالإضافة إلى مأخذ الطاقة الأمامي، يوجد مأخذ طاقة أيضًا في الجزء الخلف للكونسول المركزي الأمامي.



مأخذ طاقة الكونسول الأوسط الأمامي

يوجد مأخذ طاقة منطقة الحمولة الخلفية في منطقة الحمولة الخلفية اليمنى.



مأخذ الطاقة في منطقة الحمولة الخلفية

ملاحظة:

يمكن تبديل مأخذ الطاقة في منطقة الحمولة الخلفية إلى البطارية التي تعمل بالطاقة في كل الأوقات من خلال تبديل المنصهر في مركز توزيع الطاقة الخلفي (PDC) من موقع المنصهر F44A إلى F44B.

تحذير!

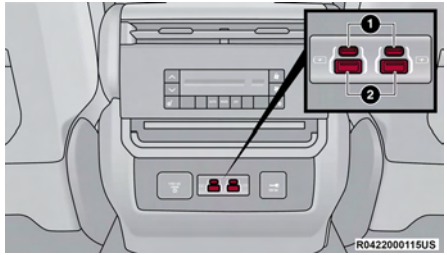
لتجنب الإصابة الخطيرة أو الوفاة:

- يجب تركيب الأجهزة المصممة فقط للاستخدام في هذا النوع من المآخذ في مأخذ طاقة 12 فولت.
- لا تلمس المقابس بيدين مبللتين.
- أغلق الغطاء في حالة عدم استخدامها وأثناء قيادة السيارة.
- في حالة التعامل مع هذا المأخذ بشكل خاطئ، قد يتسبب ذلك في حدوث صدمة كهربية وخلل كهربي.

تنبيه!

- تقوم العديد من الأجهزة التي يمكن توصيلها بالمأخذ بسحب الطاقة من البطارية حتى أثناء عدم استعمالها (مثل الهاتف المتنقل). وبالتالي إذا تم توصيلها لفترات طويلة، فستؤدي إلى فقدان شحنة البطارية إلى درجة تلفها و/أو منع المحرك من بدء التشغيل.
- إن الملحقات التي تسحب طاقة أكبر (مثل المبردات والمكانس الكهربائية والأضواء وغير ذلك) ستقصر عمر البطارية بصورة أسرع. لذا لا تستعمل هذه الأجهزة إلا بصورة متقطعة وبحذر.

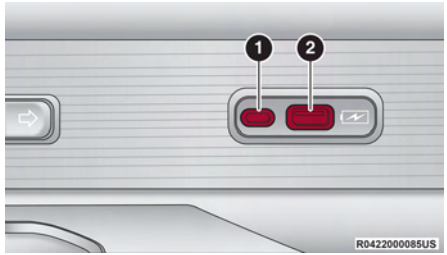
(تابع)



منافذ USB في الكونسول المركزي الخلفي

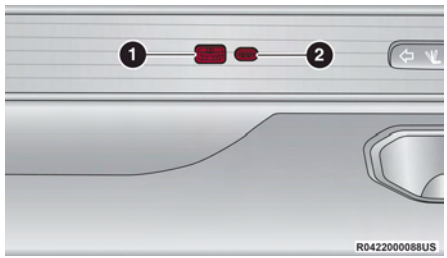
1 — منافذ USB Mini من النوع C (شحن فقط)
2 — منافذ USB قياسية من النوع A (شحن فقط)

في الصفوف الثالثة، إذا كانت السيارة مزوّدة بذلك، يمكن استخدام مجموعة من منفذي USB لشحن الجهاز. ويكون المنفذان كلاهما مخصصين لشحن فقط.



منافذ USB للصف الثالث

1 — منفذ USB من النوع C (شحن فقط)
2 — منفذ USB من النوع A (شحن فقط)



منافذ USB للصف الثالث

1 — منفذ USB من النوع A
2 — منفذ USB من النوع C

ملاحظة:

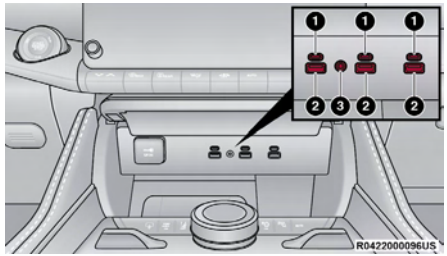
اشحن الأجهزة غير المدعومة بمنافذ USB للشحن فقط. إذا تم توصيل جهاز غير مدعوم بمنفذ USB للوسائط، فسيتم عرض رسالة على شاشة اللمس تفيد بأن النظام لا يدعم الجهاز.

مآخذ الطاقة الكهربائية

سيارتك مزودة بمنافذ طاقة قدرتها 12 فولت (13 أمبير) والتي يمكن استخدامها لشحن الهاتف المحمول والأجهزة الإلكترونية الصغيرة والملحقات الأخرى التي تعمل بطاقة منخفضة. يتم تمييز مأخذ الطاقة إما برمز "المفتاح" أو "البطارية" ليشير إلى كيفية تزويد هذه المآخذ بالطاقة. يتم تزويد مآخذ الطاقة المميزة برمز المفتاح بالطاقة عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق)، بينما تتصل المآخذ المميزة برمز البطارية بالبطارية مباشرةً ويتم تزويدها بالطاقة في كل الأوقات.

ملاحظة:

- وتجب إزالة جميع الملحقات المتصلة بمآخذ الطاقة التي تعمل بالبطارية أو إيقاف تشغيلها في حال عدم استخدام السيارة لحماية البطارية من التفريغ.
- لا تتجاوز الطاقة القصوى وهي 160 وات (13 أمبير) عند 12 فولت. إذا تم تجاوز معدل الطاقة 160 وات (13 أمبير)، فيلزم استبدال المنصهر الذي يحمي النظام.

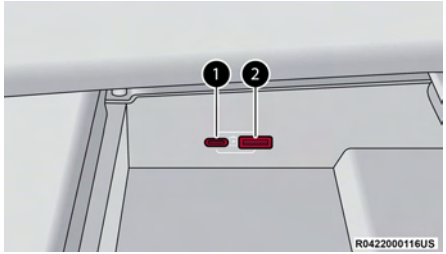


منافذ USB وAUX في محور الوسائط الأمامي — بدون شاشة عرض الراكب

1 — منفذ USB من النوع C
2 — منفذ USB من النوع A
3 - منفذ AUX (الأجهزة الإضافية)

بمجرد توصيل جهاز بمنفذ USB، سيبدأ الشحن وسيكون جاهزًا للاستخدام من خلال النظام. يمكن استخدام منفذي USB للشحن فقط من النوع C والنوع A في الوقت نفسه ولكن لا يمكن استخدامهما في الوقت نفسه أثناء تشغيل الوسائط. عندما يكون كلا منفذي USB للشحن فقط من النوع C والنوع A قيد الاستخدام، سيتم فرض رسوم عليهما بمعدل منخفض.

قد تحتوي سيارتك على منافذ USB إضافية للشحن فقط في الحجرة الوسطى، إذا كانت السيارة مزودة بذلك.



منافذ USB للشحن فقط في الحجرة الوسطى

1 — منفذ USB من النوع C
2 — منفذ USB من النوع A

ملاحظة:

في حال تفريغ شحنة بطارية الجهاز تمامًا، فقد لا يتواصل مع نظام Uconnect إلى أن يتم شحنه بأدنى قدر من الشحن. يؤدي ترك الجهاز متصلاً بمنفذ USB إلى شحنه إلى المستوى المطلوب.

استخدام هذه الميزة

باستخدام كابل USB لتوصيل جهاز خارجي:

- يمكن تشغيل الجهاز على نظام الصوت في السيارة، وتوفير معلومات الفنان وعنوان المسار والألبوم على شاشة عرض الراديو.

ملاحظة:

قد لا تكون معلومات المسار موجودة على شاشة عرض الراديو، وفقًا لتكوين المسار.

- يمكن التحكم بالجهاز باستخدام أزرار الراديو لتشغيل محتويات الجهاز واستعراضها.
- يتم شحن بطارية جهاز الصوت عند توصيله بمنفذ USB.

باستخدام كابل الأجهزة الإضافية لتوصيل جهاز خارجي:

- يمكن تشغيل جهاز الصوت على نظام الصوت في السيارة. لن يعرض نظام Uconnect المعلومات المتعلقة بالفنان وعنوان المسار ومعلومات الألبوم.

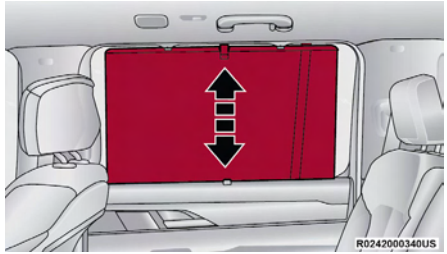
ملاحظة:

عند استخدام منفذ AUX (الأجهزة الإضافية)، لا يمكن التحكم في الجهاز الخارجي باستخدام أزرار الراديو. لن يتم شحن الجهاز.

لمزيد من المعلومات، راجع دليل تعليمات الراديو في نظام Uconnect.

منافذ USB في الصفين الثاني والثالث — إذا كانت السيارة مزوّدة بذلك

يمكن استخدام منافذ USB الموجودة في الصف الثاني لشحن جهاز، إذا كانت السيارة مزودة بذلك.



تمديد حاجز الشمس

لإنزال حاجز الشمس، ارفع اللسان لأعلى برفق لفصل الخطافين وأعد الحاجز إلى العتبة.

التحكم في منافذ USB/AUX

تسمح هذه الميزة بتوصيل جهاز USB خارجي بأحد منافذ USB، الموجودة في المجموعة الوسطى للوحة أجهزة القياس.

سيؤدي توصيل جهاز هاتف ذكي بمنفذ USB إلى تنشيط ميزة Android Auto™ أو Apple CarPlay®، إذا كانت السيارة مزودة بذلك. كما يمكن تنشيط Android Auto™ وApple CarPlay® لاسلكيًا أيضًا.
للحصول على مزيد من المعلومات، راجع "Android Auto™" أو "Apple CarPlay®" في ملحق دليل تعليمات الراديو في نظام Uconnect.

ملاحظة:

يمكن توصيل جهازين في الوقت نفسه، وسيوفر كلا المنفذين إمكانية الشحن. يمكن لمنفذ واحد فقط نقل البيانات إلى النظام في كل مرة.

على سبيل المثال، إذا تم توصيل جهاز في منفذ USB من النوع A، وتم توصيل جهاز آخر في منفذ USB من النوع C، ستظهر رسالة تتيح لك اختيار الجهاز الذي ترغب في استخدامه.

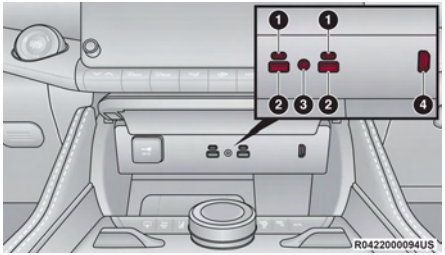
يتم سرد السيناريوهات الآتية على النحو الآتي عند توصيل جهاز غير الهاتف في منافذ USB الأصغر والأكبر، وعند توصيل جهاز هاتف في منافذ USB الأصغر والأكبر:

- “A new device is now connected. Previous connection was lost”.
  فُقد الاتصال السابق".
- “(Phone Name) now connected. Previous connection was lost”.
  فُقد الاتصال السابق".
- “Another device is in use through the same USB port. Please disconnect the first device to use the second device”.
  يُرجى فصل الجهاز الأول لاستخدام الجهاز الثاني".

قد يتسبب توصيل هاتف أو جهاز USB آخر في فقد الاتصال بالجهاز السابق.

توصيل جهاز AUX أو USB الخارجي

استخدم كابل توصيل لتوصيل جهاز USB خارجي بمنفذ USB في السيارة، أو استخدم كابلاً إضافيًا لتوصيل جهاز بمنفذ AUX في السيارة. توجد هذه المنافذ أسفل مفاتيح التحكم في درجات الحرارة.

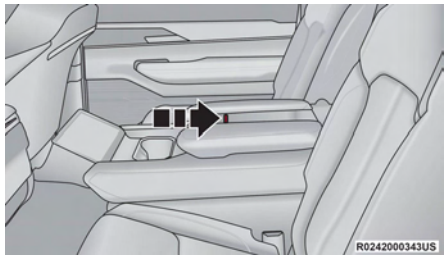


منافذ USB وAUX في محور الوسائط الأمامي

1 — منفذ USB من النوع C
2 — منفذ USB من النوع A
3 - منفذ AUX (الأجهزة الإضافية)
4 — منفذ HDMI (إذا كانت السيارة مزوّدة بذلك)

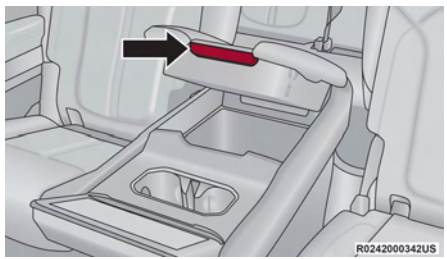
على يمين محور الوسائط الأمامي، يوجد منفذ HDMI المُستخدم في ميزة شاشة عرض Passenger (الراكب).
بالنسبة إلى السيارات غير المزوّدة بميزة شاشة عرض الراكب، سوف يظهر تكوين محور الوسائط الأمامي مختلفًا.

لفتح حجرة التخزين العلوية، اسحب اللسان المنزلق للخلف لتحريك باب الحجرة وفتحه.



اللسان المنزلق للتخزين العلوي

لفتح حجرة التخزين السفلية، اسحب المقبض وحرره وارفع لأعلى.



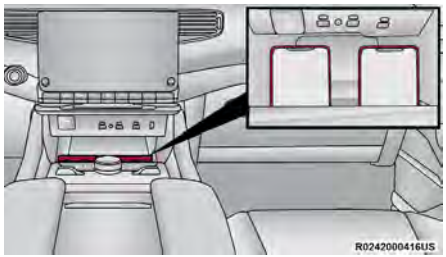
مقبض تحرير التخزين السفلي

تنبيه!

قم بإزالة أي أشياء مخزنة في حاملات الأكواب في الكونسول أو الأجهزة ذات الأسلاك التي تمر فوق منطقة التخزين. قد يحدث تلف لغطاء الكونسول العلوي وأسلاك الأجهزة عند رفع حجرة التخزين العلوية للأمام.

تخزين الهاتف — إذا كانت السيارة مزوّدة بذلك

قد تكون سيارتك مزوّدة بجيبين، موجودين عند الحافة الأمامية لعلبة الوسائط، يمكنهما حمل الهواتف المحمولة.



موقع حامل الهاتف

مُبرّد الكونسول المركزي — إذا كانت السيارة مزوّدة بذلك

قد تكون سيارتك مزوّدة بمبرد الكونسول الموجود في الكونسول المركزي الأمامي.

زر مُبرّد الكونسول المركزي

اضغط على زر المُبرّد مرة واحدة لتشغيله. سيضيء مؤشر LED.

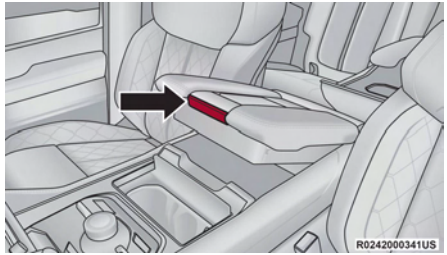
اضغط على الزر مرة أخرى لإيقاف تشغيل المُبرّد. ينطفئ مصباح LED.

حواجب الشمس - إذا كانت السيارة مزوّدة بذلك

تتوفر حواجز الشمس مع نوافذ مقاعد الصف الثاني. يتم تخزين الحواجز في لوحات كسوة عتبة النافذة، وتتميز الأجزاء العلوية من النوافذ بوجود الخطاطيف التي يتم تثبيت حواجز الشمس بها عند سحبها لأعلى.

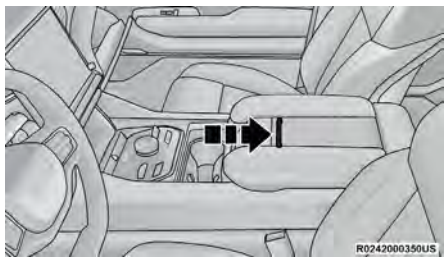
اسحب اللسان لأعلى لرفع حاجز الشمس. استمر في سحب حاجز الشمس حتى يصبح اللسان بالقرب من الجزء العلوي من النافذة.

بمجرد تحريك الحاجز بالكامل إلى الجزء العلوي من النافذة، قم بمد الشريط العلوي من حاجز الشمس فوق الخطافين المثبتين بالجزء العلوي من النافذة.



زر تحرير حجرة التخزين السفلية

لفتح حجرة التخزين العلوية، اسحب اللسان المنزلق للخلف لتحريك الباب وفتحه.



اللسان المنزلق لحجرة التخزين العلوية

باب حجرة حفظ النظارات الشمسية

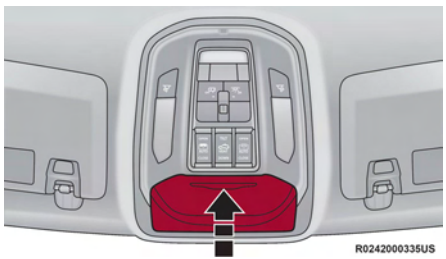
هناك حجرة لحفظ زوجين من النظارات الشمسية في مقدمة الكونسول. يجب الضغط على باب الوصول لحجرة التخزين لفتحه والضغط ثانية لغلقه وذلك حسب تصميمه. ادفع البطانة المصنوعة من الكروم بالباب لفتحه. ادفع البطانة المصنوعة من الكروم بالباب لغلقه.

من وضع الإغلاق الكامل، ادفع البطانة المصنوعة من الكروم الموجودة على الباب مرة واحدة لفتح حجرة حفظ النظارات الشمسية بالكامل.

من وضع الفتح الكامل، ارفع الباب مرة أخرى بمقدار 3/4 المسافة ثم حرره للوصول إلى وضع مرآة المحادثة.

ملاحظة:

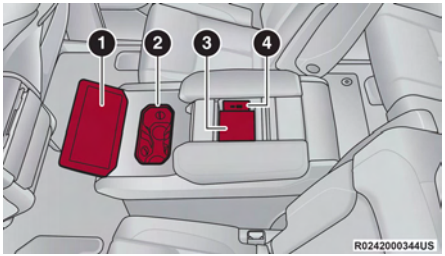
من وضع مرآة المحادثة، لا تسحب الباب لفتحه بالكامل لأن هذا سيتلف الباب. يجب إعادة الباب إلى وضع الإغلاق قبل فتحه بالكامل.



باب حجرة حفظ النظارات الشمسية

الكونسول المركزي الخلفي الكامل - إذا كانت السيارة مزودة بذلك

يحتوي الكونسول المركزي الخلفي الكامل على منطقتي تخزين علوية وسفلية.



الكونسول المركزي الخلفي

1 — شاشة عرض الراحة والملاءمة الخلفية
2 — حاملات أكواب الكونسول
3 — حجرة التخزين العلوية
4 — منافذ USB

جدول تلميحات التشغيل

الطقس	إعدادات مفاتيح التحكم
الطقس حار والسيارة من الداخل ساخنة جدًا	اضبط مفتاح التحكم في الوضع على (وضع اللوحة)، A/C ومكيف الهواء على وضع التشغيل، والمروحة على الإعداد المرتفع. قم بخفض زجاج النوافذ لمدة دقيقة للتخلص من الهواء الساخن. اضبط عناصر التحكم حسبما تريد بما يوفر لك الراحة.
الطقس دافئ	قم بتشغيل A/C (مكيف الهواء)) واضبط مفتاح التحكم في الوضع على (Panel Mode (وضع اللوحة)).
الطقس البارد مع سطوع الشمس	قم بالتشغيل في وضع (وضع المستوى الثنائي).
أحوال الطقس البارد والرطب	اضبط مفتاح التحكم في الوضع على (الوضع المختلط) وشغِّل A/C (مكيف الهواء) للحفاظ على خلو زجاج النوافذ من الضباب.

الطقس	إعدادات مفاتيح التحكم
الطقس البارد	اضبط مفتاح التحكم في الوضع على (Floor Mode) (وضع الأرضية). إذا بدأ حدوث تراكم للضباب على الزجاج الأمامي، فحرك مفتاح التحكم إلى (Mix Mode) (الوضع المختلط).

ملاحظة:

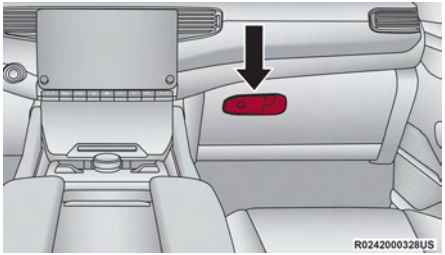
إذا كانت سيارتك مزودة بفتحة سقف ثلاثية الأجزاء بانورامية، يمكن تقليل حرارة الكابينة المتولدة عن ضوء الشمس بإغلاق حاجب الشمس الكهربائي للصف الأول والثاني، وكذلك حاجب الشمس اليدوي للصف الثالث.

مساحات التخزين الداخلية والمعدات

التخزين

صندوق القفازات

يوجد صندوق القفازات في جانب الراكب من لوحة أجهزة القياس.



مقبض تحرير صندوق القفازات

لفتح صندوق القفازات، اسحب مقبض التحرير للخارج.

يحتوي صندوق القفازات أيضًا على أسطوانة قفل يمكن قفلها/إلغاء قفلها باستخدام مفتاح الطوارئ (الموجود داخل حافظة المفاتيح) ⇦ صفحة ٢٠.

ملاحظة:

عند إيقاف السيارة بالخادم، أخرج مفتاح الطوارئ من حافظة المفاتيح، حيث إنه سيفتح الخزانة.

الكونسول المركزي الأمامي

يحتوي الكونسول المركزي الأمامي على منطقتي تخزين علوية وسفلية.

لفتح حجرة التخزين السفلية، اضغط على زر التحرير وارفع لأعلى.

اضغط على زر VR/Phone (الهاتف/التعرف على الصوت) . بعد سماع الصافرة، قل أيًا من الأوامر التالية:

- **"Set the driver temperature to 20 degrees (ضبط درجة حرارة السائق على 20 درجة)"**
- **"Set the passenger temperature to 20 degrees (ضبط درجة حرارة الراكب على 20 درجة)"**

هل تعلم: يمكن استخدام الأمر الصوتي لدرجة الحرارة لضبط درجة الحرارة الداخلية من السيارة. لا يعمل نظام الأوامر الصوتية على ضبط المقاعد المسخنة أو عجلة القيادة المسخنة إذا كانت السيارة مزودة بذلك.

نصائح التشغيل

تنبيه!
يدخل الهواء الداخلي إلى نظام التحكم في درجة الحرارة الخلفية من خلال شبكة سحب، موجودة في لوحة كسوة الجانب الأيمن خلف مقاعد الصف الثالث. وتقع منافذ جهاز التدفئة بلوحة كسوة الجانب الأيمن، خلف الأبواب الخلفية مباشرةً. لا تقم بإعاقة خروج الهواء ولا تضع أي حاجز مباشرة أمام مشبك إدخال الهواء أو منافذ جهاز التدفئة. فقد يؤدي ذلك إلى تحميل النظام الكهربائي أكثر من طاقته وإلى تلف محرك مروحة الهواء.

راجع الجدول الموجود في نهاية هذا القسم للتعرف على إعدادات التحكم المقترحة لظروف الطقس المتنوعة.

تشغيل مكيف الهواء في فصل الصيف

يجب حماية نظام تبريد سائل المحرك باستخدام سائل تبريد مانع للتجمد ذي جودة عالية لتوفير حماية ملائمة من التآكل ولمنع الارتفاع المفرط في حرارة المحرك. يُوصى باستخدام سائل تبريد ذي تقنية الإضافات العضوية (OAT) (المتوافق مع متطلبات معيار مواد MS.90032).

تشغيل مكيف الهواء في فصل الشتاء

لضمان الحصول على أفضل أداء تسخين وإزالة صقيع ممكن، تأكد من عمل نظام تبريد المحرك بشكل سليم واستخدام الكمية المناسبة من سائل التبريد وكذلك النوع والتركيز المناسبين. ولا يُنصح باستخدام وضع إعادة تدوير الهواء خلال فصل الشتاء لأن ذلك قد يتسبب في تجمع الضباب على النوافذ.

العطلات/تخزين السيارة

للحصول على معلومات حول الحفاظ على نظام التحكم في درجة الحرارة عند تخزين السيارة لفترة طويلة من الوقت، راجع ⇦ صفحة ٣٧٦.

تراكم الضباب على النوافذ

قد يتراكم الضباب على نوافذ السيارة من الداخل في الطقس المعتدل و/أو الممطر و/أو الرطب. ولمسح النوافذ، حدد وضع مزيل الصقيع أو المزج وزد سرعة المروحة الأمامية. تجنب استعمال وضع إعادة تدوير الهواء لفترات طويلة بدون تشغيل مكيف الهواء فقد يتراكم الضباب على الزجاج.

المنافذ الخارجية لدخول الهواء

تأكد من عدم وجود أشياء تعيق مدخل الهواء الموجود أمام الزجاج الأمامي، مثل أوراق الشجر. فقد تقلل أوراق الأشجار المتراكمة في مدخل الهواء تدفق الهواء، وإذا دخلت إلى صندوق التوزيع، فقد تؤدي إلى سد فتحات تصريف الماء. وفي فصل الشتاء، تأكد من خلو مأخذ الهواء من الجليد والطين والثلج.

فلتر هواء الكابينة

يقوم نظام التحكم في درجة الحرارة بترشيح الهواء من الأتربة والغبار. اتصل بالوكيل المعتمد لصيانة فلتر هواء الكابينة، واستبدله عند الحاجة.

نظام Stop/Start (الإيقاف/بدء التشغيل) - إذا كانت السيارة مزودة بذلك

أثناء التواجد في وضع Autostop (التوقف الأوتوماتيكي)، قد يقوم نظام التحكم في درجة الحرارة بضبط تدفق الهواء للمحافظة على الراحة داخل الكابينة. ستتم المحافظة على إعدادات العميل عند العودة إلى حالة تشغيل المحرك.

وضعا تدفق الهواء هما:

الوجه (منافذ اللوحة)

القدمان (منافذ الأرضية)

ملاحظة:

إذا تم تحديد Auto (أوتوماتيكي)، فلن تتوفر هذه الرموز وسيتم استبدال تحديد الوضع الحالي.

قفل درجة الحرارة الخلفية

عند قفل مفاتيح التحكم في درجة الحرارة الخلفية من مفاتيح التحكم في درجة الحرارة الأمامية، يضيء "Unlock Rear" (إلغاء القفل الخلفي) على شاشة درجة الحرارة الخلفية. لا يمكن إجراء أي عمليات ضبط في نظام درجة الحرارة الخلفية من مفاتيح التحكم في درجة الحرارة الخلفية أثناء قفل النظام.

عند إلغاء قفل مفاتيح التحكم بعدئذ من مفاتيح التحكم في درجة الحرارة الأمامية، يتم تحديث النص الموجود على الشاشة الخلفية إلى "Lock Rear" (القفل الخلفي)، ولن يضيء بعد ذلك. يمكن الآن ضبط إعدادات درجة الحرارة، وسرعة المروحة والوضع من مفاتيح التحكم في درجة الحرارة الخلفية.

إيقاف تشغيل التحكم في درجة الحرارة الخلفية

لإيقاف تشغيل مفاتيح التحكم في درجة الحرارة الخلفية، اضغط على زر OFF (إيقاف التشغيل) أسفل شاشة التحكم في درجة الحرارة الخلفية، أو إذا كانت السيارة مزوّدة بذلك، فاضغط على زر OFF (إيقاف التشغيل) الموجود على شاشة اللمس الخاصة بشاشة عرض الراحة والملاءمة الخلفية، بالقرب من أزرار المروحة، وحرره.

التحكم الأوتوماتيكي بدرجة الحرارة (ATC)

التشغيل الأوتوماتيكي

1. اضغط على زر AUTO (أوتوماتيكي) على شاشة عرض التحكم في درجة الحرارة الأمامية، وستضيء الكلمة "AUTO" (أوتوماتيكي) مع درجتي حرارة السائق والراكب الأمامي. ويقوم النظام بعد ذلك بالتنظيم الأوتوماتيكي لكمية تدفق الهواء.
2. اضبط درجة الحرارة التي تود أن يحافظ عليها النظام وذلك بضبط درجات الحرارة للسائق والراكب والمقاعد الخلفية. وبمجرد عرض درجة الحرارة المطلوبة، يقوم النظام بالوصول إلى هذا المستوى المريح ويحافظ عليه أوتوماتيكيًا.
3. وحالما يصل النظام إلى المستوى الذي يوفر لك الراحة ليس من الضروري تغييره. وستجد أن النظام يعمل بكفاءة مثلى إذا تركته يعمل بصورة أوتوماتيكية.

ملاحظة:

ليس من الضروري تغيير إعدادات درجة الحرارة. لأن النظام يقوم أوتوماتيكيًا بضبط درجة الحرارة، والوضع وسرعة المروحة لتوفير الراحة في أسرع وقت ممكن.

لتزويدك بأقصى مستويات الراحة في الوضع الأوتوماتيكي أثناء عمليات تشغيل المحرك في الأيام الباردة، ستظل مروحة الهواء على سرعة منخفضة إلى أن يسخن المحرك. وسيتم تشغيل المروحة فورًا إذا تم اختيار وضع Defrost (إزالة الصقيع) أو عند تغيير إعداد المروحة الأمامية.

تجاوز التشغيل اليدوي

يتيح لك هذا النظام خاصية التحكم اليدوي التام. لن يضيء رمز AUTO (أوتوماتيكي) الموجود في شاشة عرض التحكم في درجة الحرارة الأمامية عند استخدام النظام في الوضع اليدوي.

ملاحظة:

لا يستشعر النظام أوتوماتيكيًا وجود الضباب أو الرذاذ أو الجليد على الزجاج الأمامي. يجب تحديد وضع إزالة الصقيع يدويًا لمسح الزجاج الأمامي والزجاج الجانبي.

التعرف على الصوت للتحكم في درجة الحرارة

اضبط درجة حرارة السيارة من دون استخدام اليدين وحافظ على راحة الجميع في أثناء مواصلة الحركة (إذا كانت السيارة مزودة بنظام التحكم في درجة الحرارة).

يحتوي نظام التحكم في درجة الحرارة الخلفية على منافذ هواء أرضية على الجانبين الأيمن والأيسر لمقاعد الصف الثاني والثالث. توجد أيضًا منافذ تدفق الهواء على الأعمدة الفاصلة بين النوافذ B في منطقة الجلوس في الصف الثاني، بالإضافة إلى لوحات الكسوة الجانبية في منطقة الجلوس في الصف الثالث. يوفر النظام هواءً ساخنًا أو باردًا عبر منافذ الأرضية، وكذلك هواءً خاليًا من الرطوبة عبر منافذ العمود الفاصل بين النوافذ B ولوحة الكسوة الجانبية.

ملاحظة:

إذا كانت السيارة مزوّدة بنظام التحكم الأوتوماتيكي في درجة الحرارة (ATC) الرباعي المناطق، يمكن ضبط الجانبين الأيمن والأيسر في مناطق الركاب الخلفية بشكل منفصل عن شاشات عرض التحكم في درجة الحرارة الأمامية أو الخلفية.

زر AUTO (المزامنة)

اضغط على الزر AUTO (أوتوماتيكي) أسفل شاشة عرض التحكم في درجة الحرارة الخلفية، أو إذا كانت السيارة مزوّدة بذلك، فاضغط على الزر AUTO (أوتوماتيكي) الموجود على شاشة اللمس الخاصة بشاشة عرض الراحة والملاءمة الخلفية وحرره للتحكم في درجة حرارة منطقة الراكب الخلفي عن طريق ضبط توزيع تدفق الهواء ومقداره أوتوماتيكيًا. سيؤدي تنشيط هذه الوظيفة إلى تبديل النظام ما بين الوضع اليدوي والوضع الأوتوماتيكي ⇦ صفحة ٧٥.

التحكم في درجات الحرارة الخلفية

اضغط على الزرين لأعلى أو لأسفل بالقرب من شاشة التحكم في درجة الحرارة الخلفية، أو إذا كانت السيارة مزوّدة بذلك، فاضغط على زري السهم لأعلى أو لأسفل على شاشة اللمس الخاصة بشاشة عرض الراحة والملاءمة الخلفية للتحكم في درجة حرارة الراكب الخلفي.

ملاحظة:

إذا كانت السيارة مزوّدة بنظام التحكم الأوتوماتيكي في درجة الحرارة (ATC) الرباعي المناطق، يمكن ضبط الجانبين الأيمن والأيسر في مناطق الركاب الخلفية بشكل منفصل.

اضغط على أزرار السهم لأعلى أو لأسفل، أو اضغط على وحرر أو حرّك شريط درجة الحرارة الموجود على شاشة اللمس باتجاه زر السهم الأزرق أو الأحمر الموجود على شاشة اللمس لضبط إعدادات درجة الحرارة الأكثر برودة أو دفئًا.

مفتاح التحكم في المروحة الخلفية

يستخدم مفتاح التحكم في المروحة لتنظيم كمية الهواء الداخل عبر نظام التحكم في درجة الحرارة. وللمروحة سرعات عديدة متاحة. يمكن تحديد السرعات باستخدام أزرار التحكم في المروحة بالقرب من شاشة عرض التحكم في درجة الحرارة الخلفية، أو على شاشة اللمس الخاصة بشاشة عرض الراحة والملاءمة الخلفية، إذا كانت السيارة مزوّدة بذلك.

استخدم زر المروحة الذي يحمل السهم إلى أسفل أو رمز المروحة الصغيرة في شاشة اللمس لخفض إعداد المروحة. استخدم زر المروحة الذي يحمل السهم إلى أعلى أو رمز المروحة الكبيرة في شاشة اللمس لرفع إعداد المروحة.

ملاحظة:

يمكن تحديد سرعة المروحة أيضًا بالضغط على سرعة المروحة المُرقّمة في منطقة شريط شاشة اللمس بين رموز المروحة.

التحكم في الوضع الخلفي

يؤدي الضغط على زر Mode (الوضع) أسفل شاشة عرض التحكم في درجة الحرارة الخلفية، الموجود على الجزء الخلفي من الكونسول المركزي، إلى التنقل عبر خيارات التحكم في الوضع الخلفي الثلاثة لتوزيع تدفق الهواء. وهذه الخيارات هي: الوجه، والوجه/القدمان والقدمان.

التحكم في الوضع من شاشة عرض الراحة والملاءمة الخلفية

إذا كانت السيارة مزوّدة بشاشة عرض الراحة والملاءمة الخلفية، فيمكن تحديد تشغيل/إيقاف تشغيل وضعي توزيع تدفق الهواء من شاشة العرض كل على حدة بالضغط على الرموز الموجودة على شاشة اللمس للحصول على ما يصل إلى ثلاث تشكيلات لتدفق الهواء. ستضيء الرموز على الشاشة عند تحديدها، ويتم إيقاف تشغيلها عند إلغاء تحديدها.

المروحة الصغير (أو رمز المروحة مع سهم يشير لأسفل) لتقليل إعداد المروحة، ورمز المروحة الكبير (أو رمز المروحة مع سهم يشير لأعلى) لزيادة إعداد المروحة. يمكن أيضًا تحديد المروحة بالضغط على منطقة شريط المروحة الموجودة بين الرموز.

التحكم في الوضع الخلفي

يمكن تحديد تشغيل/إيقاف تشغيل وضعي توزيع تدفق هواء لركاب المقعد الخلفي من شاشة درجة الحرارة الأمامية كل على حدة عن طريق الضغط على الرموز الموجودة على شاشة اللمس للحصول على ما يصل إلى ثلاث تشكيلات لتدفق الهواء. ستضيء الرموز على الشاشة عند تحديدها، ويتم إيقاف تشغيلها عند إلغاء تحديدها.

وضعا تدفق الهواء هما:

الوجه (منافذ اللوحة)

القدمان (منافذ الأرضية)

ملاحظة:

إذا تم تحديد Auto (أوتوماتيكي)، فلن تتوفر هذه الرموز وسيتم استبدال تحديد الوضع الحالي.

إيقاف تشغيل التحكم في درجة الحرارة الخلفية

لإيقاف تشغيل مفاتيح التحكم في درجة الحرارة الخلفية، اضغط على زر OFF (إيقاف التشغيل) على شاشة اللمس، بالقرب من أزرار المروحة.

وصف التحكم في درجة الحرارة الخلفية ووظائفه

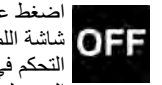
شاشة عرض الراحة والملاءمة الخلفية (إذا كانت السيارة مزوّدة بذلك)

أزرار درجة الحرارة الخلفية (إذا كانت السيارة مزوّدة بذلك)

شاشة عرض الراحة والملاءمة الخلفية (إذا كانت السيارة مزوّدة بذلك)

توجد مفاتيح التحكم في درجة الحرارة الخلفية في الجزء الخلفي للكونسول المركزي الأمامي، أو على شاشة عرض الراحة والملاءمة الخلفية الموجودة في الجزء الأمامي للكونسول المركزي الخلفي، إذا كانت السيارة مزودة بذلك.

زر إيقاف تشغيل التحكم في درجة الحرارة



اضغط على زر OFF (إيقاف التشغيل) على شاشة اللمس وحرره، أو اضغط على زر التحكم في المروحة على الواجهة وحرره عند الوصول إلى إعداد OFF (إيقاف التشغيل)، لتشغيل/إيقاف تشغيل نظام التحكم في درجة الحرارة.

التحكم في مفاتيح التحكم في درجة الحرارة الخلفية من شاشة درجة الحرارة الأمامية

مفاتيح التحكم في درجة الحرارة الخلفية الرباعية المناطق من شاشة درجة الحرارة الأمامية

يتيح نظام التحكم في درجة الحرارة الثلاثي المناطق والرباعي المناطق ضبط مفاتيح التحكم في درجة الحرارة الخلفية من الشاشة الأمامية. يمكن القيام بذلك إما من خلال شاشة عرض نظام Uconnect الرئيسية أو شاشة عرض الراحة والملاءمة الأمامية (إذا كانت السيارة مزوّدة بذلك).

ملاحظة:

إذا كانت السيارة مزوّدة بنظام التحكم في درجة الحرارة الرباعي المناطق، يمكن ضبط درجة حرارة الجانبين الأيمن والأيسر في مناطق الركاب الخلفية بشكل منفصل من شاشتي درجة الحرارة الأمامية أو الخلفية.

للتغيير إلى شاشة التحكم في درجة الحرارة الخلفية:

- اضغط على رمز "Rear" (الخلف) على شاشة اللمس لعرض مفاتيح التحكم في درجة الحرارة الخلفية. تعمل وظائف التحكم الآن على تشغيل النظام الخلفي.
- اضغط على رمز "Front" (الأمام) على شاشة اللمس للعودة إلى مفاتيح التحكم في درجة الحرارة الأمامية.

قفل درجة الحرارة الخلفية

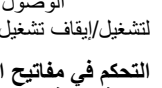
اضغط على رمز "Lock Rear" (القفل الخلفي) وحرره لقفل التحكم اليدوي في إعدادات درجة الحرارة والمروحة الخلفية التي يتم ضبطها من شاشة عرض التحكم في درجة الحرارة الخلفية. سيضيء رمز "Lock Rear" (القفل الخلفي) وسيتم تحديث النص إلى "Unlock Rear" (إلغاء القفل الخلفي) عند تحديد هذه الميزة. عند إلغاء تحديد الميزة، سيعود النص مرة أخرى إلى "Lock Rear" (القفل الخلفي) ولن يضيء بعد ذلك.

زر التحكم الأوتوماتيكي في الخلف

اضغط على "Auto" (أوتوماتيكي) وحرره على شاشة التحكم في درجة الحرارة الخلفية للتحكم في درجة حرارة الراكب الخلفي المحددة عن طريق ضبط توزيع تدفق الهواء ومقداره أوتوماتيكيًا. سيضيء رمز "Auto" (أوتوماتيكي) عند تحديد هذه الميزة، وسيتم إيقاف تشغيله عند إلغاء تحديده.

يؤدي الضغط على أي وظيفة أخرى للتحكم في درجة الحرارة في النظام الخلفي إلى تبديل النظام الخلفي بين الوضع اليدوي والوضع الأوتوماتيكي ⇦ صفحة ٧٥.

زر SYNC (المزامنة)



اضغط على رمز SYNC To Driver (المزامنة مع السائق) في شاشة التحكم في درجة الحرارة الخلفية لتشغيل/إيقاف تشغيل ميزة SYNC (المزامنة). تُستخدم ميزة SYNC (المزامنة) لمزامنة جميع مناطق الركاب الأمامية والخلفية مع إعدادات درجة الحرارة والوضع والمروحة التي يعينها السائق. سيضيء المؤشر SYNC (المزامنة) عند تشغيل المزامنة. يؤدي تغيير إعدادات درجة حرارة السائق الأمامية إلى ضبط جميع إعدادات الراكب أوتوماتيكيًا. إذا تم ضبط إعدادات درجة حرارة الخاصة بالراكب الأمامي أو الخلفية أثناء تشغيل SYNC (المزامنة)، فسوف يتم الخروج من SYNC (المزامنة) أوتوماتيكيًا.

ملاحظة:

في حال عدم تنشيط نظام SYNC (المزامنة)، سيلزم ضبط إعدادات التحكم في درجة حرارة الراكب الخلفي يدويًا للوصول إلى مستوى الراحة المطلوب. راجع ⇦ صفحة ٧٢ و ⇦ صفحة ٧٣ للمزيد من المعلومات.

مفتاح التحكم في المروحة الخلفية

يُستخدم مفتاح التحكم في المروحة الخلفية لتنظيم كمية الهواء الداخل عبر نظام التحكم في درجة الحرارة الخلفية. وللمروحة سرعات عديدة متاحة. يمكن تحديد السرعات باستخدام الأزرار الموجودة على شاشة اللمس. استخدم رمز

الراكب الأمامي أو درجة حرارة الركاب في الخلف والوضع والمروحة أثناء التواجد في وضع SYNC (المزامنة) إلى الخروج أوتوماتيكيًا من هذه الميزة.

ملاحظة:

- في حال عدم تنشيط نظام SYNC (المزامنة)، سيلزم ضبط إعدادات التحكم في درجة حرارة الراكب الخلفي يدويًا للوصول إلى مستوى الراحة المطلوب. راجع ⇦ صفحة ٧٢ و ⇦ صفحة ٧٣ للمزيد من المعلومات.
- يتوفر نظام SYNC (المزامنة) على شاشة اللمس فقط.

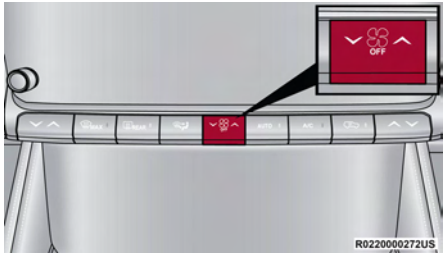
التحكم في المروحة

يستخدم مفتاح التحكم في المروحة لتنظيم كمية الهواء الداخل عبر نظام التحكم في درجة الحرارة. وللمروحة سرعات عديدة متاحة. يمكن تحديد السرعات باستخدام أزرار التحكم في المروحة الموجودة على شاشة اللمس.

استخدم رمز المروحة الصغيرة لتقليل إعداد المروحة ورمز المروحة الكبيرة لزيادة إعداد المروحة. يمكن تحديد سرعة المروحة أيضًا بالضغط على سرعة المروحة المُرقمة في منطقة الشريط بين رموز المروحة.

ملاحظة:

يمكنك أيضًا ضبط سرعة المروحة بالضغط على مفتاح تبديل التحكم في المروحة الفردي الموجود على الواجهة. اضغط على مفتاح التبديل إلى أسفل لتقليل السرعة، أو إلى أعلى لزيادة السرعة.



مفتاح تبديل التحكم في المروحة

درجة الحرارة الثلاثية الأوضاع

يمكن تحديد تشغيل/إيقاف تشغيل ثلاثة أوضاع لتوزيع تدفق الهواء كل على حدة بالضغط على الرموز الموجودة على شاشة اللمس للحصول على ما يصل إلى سبع تشكيلات لتدفق الهواء. ستضيء الرموز على الشاشة عند تحديدها، ويتم إيقاف تشغيلها عند إلغاء تحديدها.

أوضاع تدفق الهواء الثلاثة هي:

الزجاج الأمامي (منافذ إزالة الصقيع الأمامية)

الوجه (منافذ لوحة أجهزة القياس)

القدمان (منافذ الأرضية)

زر التحكم في الوضع على لوحة أجهزة القياس

يمكن تحديد وضع توزيع تدفق الهواء أيضًا بالضغط على مفتاح التبديل المادي الموجود على لوحة أجهزة القياس، أسفل شاشة الراديو. يؤدي الضغط على مفتاح التبديل هذا إلى الأسفل إلى التنقل عبر تشكيلات الأوضاع السبعة بالترتيب الآتي: الوجه، والوجه/القدمان، والقدمان، والزجاج الأمامي/القدمان، والزجاج الأمامي، والزجاج الأمامي/الوجه، والزجاج الأمامي/الوجه/القدمان. تتكرر الدورة إذا استمر الضغط على الزر.

ملاحظة:

ستضيء أوضاع التوزيع على شاشة التحكم في درجة الحرارة أيضًا عند إجراء تحديد باستخدام الزر الموجود على لوحة أجهزة القياس.

زر MAX Defrost (أقصى إزالة للصقيع)

اضغط على زر MAX Defrost (أقصى إزالة للصقيع) الموجود في شاشة اللمس، أو اضغط إلى أسفل على مفتاح التبديل الموجود على الواجهة، لتغيير إعداد تدفق الهواء الحالي إلى وضع Defrost (إزالة الصقيع). يضيء المؤشر عند ضبط هذه الميزة على وضع on (التشغيل). سيتسبب تنفيذ هذه الوظيفة في تغيُّر مفاتيح التحكم الأوتوماتيكي في درجة الحرارة إلى الوضع اليدوي.

عند تحديد وضع MAX Defrost (أقصى إزالة للصقيع):

- تزيد سرعة المروحة إلى السرعة الكاملة (كل أضواء LED في وضع التشغيل)
- يتم تشغيل ضاغط تكييف الهواء (يكون مؤشر LED مضاءً)
- يتم ضبط مفاتيح التحكم في درجة حرارة لكلّ من السائق والراكب على الوضع HI (العالي)
- يتم تحديد وضع إزالة الصقيع (يكون ضوء LED مضاءً)
- يتم تشغيل مزيل الصقيع الخلفي (يكون ضوء LED مضاءً)
- يتم إيقاف تشغيل إعادة تدوير الهواء (يكون مؤشر LED مطفأً)

في حال إيقاف تشغيل وضع أقصى إزالة للصقيع، سيعود نظام التحكم في درجات الحرارة إلى الإعداد السابق.

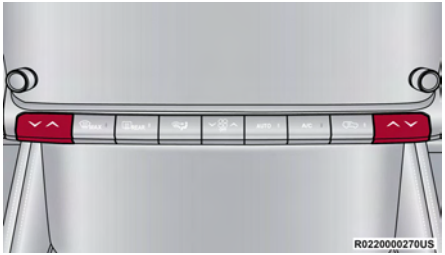
زر إزالة الصقيع الخلفي

اضغط على الزر الموجود في شاشة اللمس، أو اضغط إلى أسفل على مفتاح التبديل الموجود على الواجهة ثم حرره، لتشغيل ميزة إزالة الصقيع من النافذة الخلفية والمرايا الخارجية المسخنة (إذا كانت السيارة مزودة بذلك). يضيء مؤشر Rear Defrost عند تشغيل مزيل صقيع النافذة الخلفية. يتم أوتوماتيكيًا إيقاف تشغيل مزيل الصقيع عن النافذة الخلفية بعد 10 دقائق.

تنبيه!
إن عدم اتباع هذه التنبيهات قد يتسبب في تلف عناصر التسخين: • عليك بتوخي الحذر عند غسل الجزء الداخلي من النافذة الخلفية. لا تستخدم منظفات النوافذ الكاشطة على السطح الداخلي للنافذة. استخدم قطعة قماش ناعمة ومحلول غسيل معتدل، وقم بالمسح بشكل موازي لأجزاء التسخين. وبالإمكان إزالة الملصقات الموجودة على الزجاج بعد أن تبلل بماء دافئ. • لا تستخدم أدوات تنظيف كاشطة أو أدوات حادة أو منظفات النوافذ الكاشطة على السطح الداخلي للنافذة. • احتفظ بكافة المتعلقات على مسافة آمنة من النافذة.

مفاتيح درجة حرارة السائق والركاب

توفر مفاتيح التبديل هذه للسائق والراكب تحكمًا مستقلاً في درجة الحرارة من خلال الضغط على المفتاح الفردي إلى الأعلى أو الأسفل.

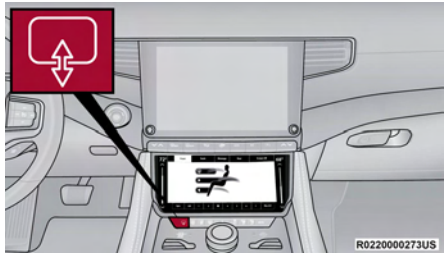


مفاتيح تبديل لوحة أجهزة القياس

اضغط إلى الأعلى على مفتاح التبديل الموجود جانب السائق أو الراكب المتوفر على الواجهة، أو اضغط على شريط درجة الحرارة وحرّكه باتجاه زر السهم الأحمر على شاشة اللمس للحصول على إعدادات درجة حرارة أكثر دفئًا. ثم اضغط إلى الأسفل على مفتاح التبديل الموجود جانب السائق أو الراكب المتوفر على الواجهة، أو اضغط على شريط درجة الحرارة وحركه باتجاه زر السهم الأزرق على شاشة اللمس للحصول على إعدادات درجة حرارة أكثر برودةً.

زر SYNC (المزامنة)

اضغط على زر SYNC (المزامنة) على شاشة اللمس لتشغيل/إيقاف ميزة SYNC (المزامنة). يضيء المؤشر SYNC (المزامنة) عند تشغيل المزامنة. تُستخدم ميزة SYNC (المزامنة) لمزامنة إعدادات درجة حرارة الراكب الأمامي ودرجة حرارة الركاب في الخلف والوضع والمروحة مع إعدادات درجة حرارة السائق والوضع والمروحة. سيؤدي تغيير إعدادات درجة حرارة



زر فتح/إغلاق الشاشة

ملاحظة:

عند الضغط على زر الفتح/الإغلاق لتخزين شاشة عرض الراحة والملاءمة الأمامية، سيتم إيقاف تشغيل الشاشة وحفظ القائمة التي كانت عليها قبل تخزينها.

زر Max A/C (الحد الأقصى لمكيف الهواء)

اضغط على زر Max A/C (الحد الأقصى لمكيف الهواء) على شاشة اللمس وحرره لتشغيل مكيف الهواء أوتوماتيكيًا على إعداد درجة الحرارة الأكثر برودة وأعلى سرعة للمروحة. يضيء مؤشر MAX A/C عند تشغيل الحد الأقصى لمكيف الهواء. سوف يؤدي تنفيذ هذه الوظيفة مرة أخرى إلى تحويل تشغيل إعداد MAX A/C (الحد الأقصى لمكيف الهواء) إلى الوضع اليدوي وسوف ينطفئ مؤشر إعداد MAX A/C (الحد الأقصى لمكيف الهواء). سيؤدي الضغط على أزرار الإعدادات الأخرى إلى إيقاف تشغيل MAX A/C (الحد الأقصى لمكيف الهواء).

يعمل إعداد MAX A/C (الحد الأقصى لمكيف الهواء) على ضبط التحكم في أداء الحد الأقصى للتبريد.

ملاحظة:

- يوجد زر MAX A/C (الحد الأقصى لمكيف الهواء) على شاشة اللمس فقط.
- لن يؤدي الضغط على زر MAX A/C (الحد الأقصى لمكيف الهواء) الموجود على شاشة التحكم في درجة الحرارة الأمامية إلى ضبط مكيف الهواء الخلفي على MAX (الحد الأقصى) إلا إذا كان مكيف الهواء الخلفي نشطًا بالفعل. إذا لم يكن مكيف الهواء الخلفي نشطًا، فلن يؤدي الضغط على زر MAX A/C (الحد الأقصى لمكيف الهواء) إلى تشغيل مكيف الهواء الخلفي.
- للحصول على أفضل أداء لمكيف الهواء، يوصى بتعيين مكيف الهواء الخلفي على ON (تشغيل) أو AUTO (أوتوماتيكي) ومزامنته مع إعدادات درجة الحرارة الخاصة بالسائق.

زر A/C (مكيف الهواء)

اضغط على زر A/C (مكيف الهواء) الموجود في شاشة اللمس وحرره، أو اضغط إلى الأسفل على زر التبديل الموجود على الواجهة، لتشغيل مكيف الهواء. يضيء مؤشر A/C عند تشغيل مكيف الهواء.

زر إعادة تدوير الهواء

اضغط على زر إعادة تدوير الهواء الموجود في شاشة اللمس وحرره، أو اضغط على زر التبديل الموجود على الواجهة إلى الأسفل، لتغيير النظام بين وضع إعادة تدوير الهواء ووضع الهواء الخارجي. ويمكن الاستفادة بإعادة تدوير الهواء عند وجود أدخنة أو روائح أو أتربة أو رطوبة عالية. يمكن استخدام إعادة تدوير الهواء في كل الأوضاع. قد لا تتوافر ميزة إعادة تدوير الهواء في حالة وجود ظروف قد تتسبب في تكوّن ضباب على الجزء الداخلي من الزجاج الأمامي. يمكن إلغاء تحديد مكيف الهواء يدويًا دون تغيير تحديد مفتاح التحكم في الأوضاع. قد يؤدي الاستخدام المستمر لوضع إعادة تدوير الهواء إلى فساد الهواء الموجود بداخل السيارة وتكوّن الضباب على النوافذ. لا يوصى بالاستخدام الممتد لهذا الوضع.

في الطقس البارد قد يؤدي استعمال وضع إعادة تدوير الهواء إلى تراكم الضباب على النوافذ. قد لا تتوافر ميزة إعادة تدوير الهواء في حالة وجود ظروف قد تتسبب في تكوّن ضباب على الجزء الداخلي من الزجاج الأمامي.

زر AUTO (المزامنة)

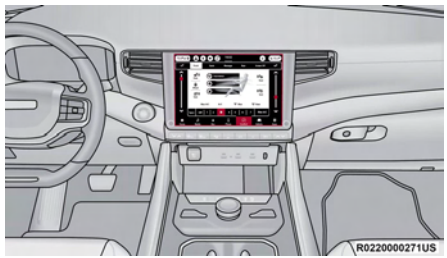
اضغط على زر AUTO (أوتوماتيكي) في شاشة اللمس، أو اضغط على مفتاح التبديل الموجود على الواجهة إلى أسفل للتحكم أوتوماتيكيًا في درجة حرارة منطقة السائق والراكب الأمامي عن طريق ضبط توزيع تدفق الهواء ومقداره. سيؤدي تنشيط هذه الوظيفة إلى تبديل النظام ما بين الوضع اليدوي والوضع الأوتوماتيكي ⇦ صفحة ٧٥. ونوصي بشدة باستخدام الوضع الأوتوماتيكي لتحقيق الفعالية.

ملاحظة:
عند تنشيط غاسلة النافذة الخلفية، يتم أيضًا غسل كاميرا الرجوع إلى الخلف الخلفية وكاميرات مرآة الرؤية الخلفية الرقمية (إذا كانت السيارة مزودة بذلك).

مفاتيح التحكم في درجة الحرارة

يسمح نظام التحكم في درجة الحرارة بتنظيم درجة الحرارة وتدفق الهواء واتجاه تدوير الهواء في جميع أنحاء السيارة. توجد مفاتيح التحكم على شاشة اللمس وفي لوحة أجهزة القياس أسفل الراديو.

وصف التحكم الأوتوماتيكي في درجة الحرارة ووظائفه



مفاتيح التحكم في درجة الحرارة في نظام Uconnect 5 NAV المزود بشاشة عرض مقاس 10.1 بوصات أو مقاس 12 بوصة

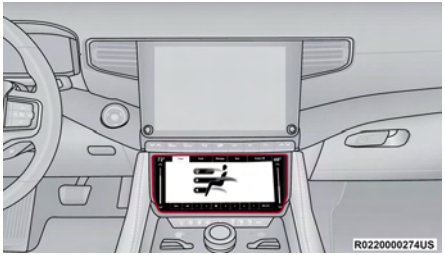
مفاتيح تبديل التحكم في درجة الحرارة الموجودة في لوحة أجهزة القياس

شاشة عرض الراحة والملاءمة الأمامية — إذا كانت السيارة مزوّدة بذلك

شاشة عرض الراحة والملاءمة الأمامية هي شاشة قابلة للسحب توجد أسفل شاشة عرض نظام Uconnect الرئيسية التي تتحكم في إعدادات درجة الحرارة الأمامية والخلفية مثل قائمة Controls (مفاتيح التحكم) في نظام Uconnect تمامًا.

يمكن ضبط وظائف المقعد الأمامي الأخرى أيضًا من هذه الشاشة، مثل:

- مقعد تدليك كهربائي ⇦ صفحة ٤٨
- مسند أسفل الظهر العامل بالطاقة ⇦ صفحة ٤٥
- داعم كهربائي ⇦ صفحة ٤٥



مكان شاشة عرض الراحة والملاءمة الأمامية

ملاحظة:
لا يمكن استخدام شاشة عرض الراحة والملاءمة الأمامية إلا إذا كانت السيارة في وضع ON/RUN (التشغيل/الانطلاق).
لتخزين هذه الشاشة والوصول إلى منفذ الطاقة ومنافذ USB ولوحة الشحن اللاسلكي، اضغط على زر فتح/إغلاق الشاشة المادي تحت الشاشة، أمام محدد التروس. يؤدي الضغط على الزر مرة أخرى إلى خفض الشاشة لاستخدامها.

تحذير!
إن فقدان وضوح الرؤية خلال الزجاج الأمامي بصورة مفاجئة يمكن أن يسبب حدوث تصادم. قد لا تستطيع رؤية السيارات أو الأشياء الأخرى. لتفادي تكون الجليد المفاجئ خلال الأيام الباردة سخن الزجاج الأمامي بواسطة مزيل الصقيع قبل وأثناء استعمال سائل تنظيف الزجاج.

الرذاذ

استعمل ميزة الرذاذ عندما تقتضي ظروف الطقس الاستخدام المؤقت للماسحات. ادفع الذراع لأعلى إلى وضع الرذاذ ثم حرره للحصول على دورة مسح واحدة.

ملاحظة:

لا تقوم ميزة الرذاذ بتشغيل مضخة الغاسلة ولذا فلن يتم رش أي سائل غاسلة على الزجاج الأمامي. يجب استخدام وظيفة الغاسلة لرش الزجاج الأمامي بسائل الغاسلة.

ماسحات استشعار المطر - إذا كانت السيارة مزودة بذلك

تستشعر هذه الميزة الأمطار أو الثلوج الموجودة على الزجاج الأمامي وتقوم بتنشيط الماسحات أوتوماتيكيًا. أدر طرف ذراع ماسحات الزجاج الأمامي إلى أحد مواضع الحابسة الأربعة لتنشيط هذه الميزة.

يمكنك ضبط درجة حساسية هذا النظام من ذراع ماسحة الزجاج الأمامي. يعتبر الإعداد 1 لحساسية الماسحة هو الأقل حساسية لها و4 هو الأعلى حساسية لها.

ملاحظة:

- لن تعمل ميزة استشعار المطر عندما يكون مفتاح الماسحة في الوضع المنخفض أو العالي.
- قد لا تعمل ميزة استشعار المطر بشكل سليم عند وجود الثلج أو ماء الملح المجفف على الزجاج الأمامي.
- قد يؤدي استعمال منتجات تشتمل على الشمع أو السليكون إلى تقليل أداء مستشعر المطر.
- يُمكن تشغيل أو إيقاف ميزة استشعار المطر باستخدام نظام Uconnect ⇦ صفحة ٢٠٣.

يحتوي نظام استشعار المطر على ميزات وقائية خاصة بشفرات وأذرع الماسحة. لذلك لن يعمل النظام في الظروف التالية:

- **منع المسح في درجة الحرارة المنخفضة** — لن تعمل ميزة استشعار المطر عند وضع مفتاح التشغيل لأول مرة في وضع ON (التشغيل)، وأثناء توقف السيارة ودرجة الحرارة الخارجية أقل من 0 درجة مئوية (32 درجة فهرنهايت)، ما لم يتم تحريك مفتاح تحكم الماسحة الموجود في ذراع ماسحة الزجاج الأمامي، أو تتم زيادة سرعة السيارة لأعلى من 5 كم/ساعة (3 أميال/ساعة)، أو حتى ترتفع درجة الحرارة الخارجية عن درجة التجمد.
- **منع المسح في وضع اللاتعشيق** — لن تعمل ميزة استشعار المطر عند إدارة مفتاح التشغيل إلى وضع ON (التشغيل)، ووجود محدد تروس ناقل الحركة في وضع اللاتعشيق وانخفاض سرعة السيارة عن 5 كم/ساعة (3 أميال/ساعة)، ما لم يتم تحريك مفتاح التحكم في الماسحة الموجود على ذراع ماسحة الزجاج الأمامي أو زيادة سرعة السيارة عن 5 كم/ساعة (3 أميال/ساعة) أو تحريك محدد التروس من وضع اللاتعشيق.
- **منع وضع بدء التشغيل عن بُعد** - في السيارات المزودة بنظام بدء التشغيل عن بُعد، لا تكون ماسحات استشعار المطر فعّالة وظيفيًا عندما تكون السيارة في وضع بدء التشغيل عن بُعد. بعد دخول المشغل السيارة ووضعه مفتاح التشغيل في الوضع ON/RUN (التشغيل/الانطلاق)، يمكن استئناف عمل ماسحة استشعار المطر إذا تم اختياره، ولم توجد موانع أخرى (سبق ذكرها).

الماسحة والغاسلة الخلفيتان

يتم تشغيل الماسحة/الغاسلة الخلفية من خلال إدارة المفتاح الموجود عند بمنتصف الذراع.

قم بتدوير الجزء الأوسط من الذراع لأعلى باتجاه الحابسة الأولى للتشغيل المتقطع وباتجاه الحابسة الثانية لتشغيل الماسحة الخلفية بشكل مستمر.

تشغيل غاسلة الزجاج الخلفي

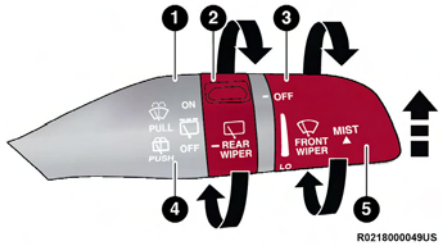
يؤدي الضغط على ذراع ماسحة الزجاج الأمامي إلى الأمام إلى تنشيط غاسلة النافذة الخلفية. إذا تم دفع الذراع في أثناء الوجود في الإعداد المتقطع، فسيتم تشغيل الماسحة وستعمل لعدة دورات مسح بعد تحرير الذراع، ثم تستأنف الفترة المتقطعة التي تم تحديدها مسبقًا. إذا تم دفع الذراع عندما تكون الماسحة في وضع off (إيقاف التشغيل)، فستعمل الماسحة لعدة دورات مسح ثم تتوقف.

ملاحظة:

- عند فتح أحد الأبواب في أثناء تنشيط الميزة، يتم تمديد تنشيط الأضواء مدة خمس ثوان.
- يتم تعطيل الميزة عند قفل السيارة أو عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

ماسحات وغاسلات الزجاج الأمامي

يوجد ذراع ماسحة/غاسلة الزجاج الأمامي في الجانب الأيمن من عمود التوجيه. يتم تشغيل الماسحات الأمامية من خلال إدارة المفتاح الموجود عند نهاية الذراع.



تشغيل ماسحة الزجاج الأمامي

1 — السحب لتشغيل الغاسلة الأمامية
2 — التدوير لتشغيل الماسحة الخلفية
3 — التدوير لتشغيل الماسحة الأمامية
4 — الدفع للأمام لتشغيل الماسحة الخلفية
5 — الدفع لأعلى لتشغيل الرذاذ

تشغيل ماسحة الزجاج الأمامي

يتم تشغيل الماسحات والغاسلات عن طريق مفتاح موجود في ذراع الماسحة. أدر المفتاح في طرف الذراع لأعلى إلى الحابسة الأولى بعد إعدادات التشغيل المتقطع لتشغيل الماسحة في الوضع منخفض السرعة. أدر المفتاح في طرف الذراع لأعلى إلى الحابسة الثانية بعد إعدادات التشغيل المتقطع لتشغيل الماسحة في الوضع عالي السرعة. لإيقاف تشغيل ماسحات الزجاج الأمامي، أدر المفتاح في الذراع إلى آخره إلى موضع إيقاف التشغيل (OFF).

تنبيه!
قم دائمًا بإزالة أي كمية متجمعة من الثلج قد تمنع شفرات ماسحات الزجاج الأمامي من الرجوع إلى وضع التوقف. إذا تم إيقاف تشغيل مفتاح ماسحة الزجاج الأمامي ولم يكن بإمكان شفرات الماسحات الرجوع إلى وضع التوقف، فقد يؤدي ذلك إلى تلف موتور الماسحة.

نظام الماسحة متقطعة الحركة

استخدم الماسحة متقطعة الحركة عندما تقتضي ظروف الطقس دورة مسح واحدة مع التوقف بين كل دورة والتي تليها لفترة معينة يمكنك اختيارها. أدر المفتاح عند طرف ذراع الماسحة إلى وضع الحابسة الأولى، ثم أدر المفتاح عند طرف الذراع لاختيار فترة التأخير المرغوبة. توجد أربعة إعدادات تأخير تسمح لك بتنظيم الفترة الفاصلة بين كل مسحة وأخرى من ثانية واحدة بعد كل دورة بحد أدنى إلى 36 ثانية تقريبًا بين كل دورة وأخرى بحد أقصى. تتضاعف فترات المهلة عندما تصل سرعة السيارة إلى 16 كم/ساعة (10 أميال/ساعة) أو أقل.

ملاحظة:

إذا كانت السيارة تتحرك بسرعة أقل من 16 كم/ساعة (10 أميال/ساعة)، فستتضاعف أوقات التأخير.

تشغيل غاسلة الزجاج الأمامي

لاستخدام الغاسلة، اسحب الذراع للخلف تجاهك مع الاستمرار. إذا تم سحب الذراع أثناء التواجد في الإعداد المتقطع، فسيتم تشغيل الماسحات وستعمل لعدة دورات مسح بعد تحرير الذراع، ثم تستأنف الفترة المتقطعة التي تم تحديدها مسبقًا. وإذا تم سحب الذراع عندما تكون الماسحات في وضع إيقاف التشغيل، فستعمل الماسحات لعدة دورات ثم تتوقف.

ملاحظة:

- كإجراء وقائي، تتوقف المضخة في حالة الضغط على المفتاح لأكثر من 20 ثانية. وعند تحرير المفتاح، تستأنف المضخة عملها الطبيعي.
- في حال تنشيط ميزة غاسلة النافذة الأمامية، سيتم غسل كل الكاميرات الأمامية (إذا كانت السيارة مزودة بذلك) الموجودة في السيارة أيضًا.

مصابيح الدخول الخافية/مصابيح القراءة

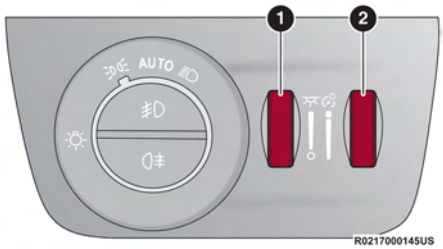
توجد مصابيح الدخول الخافية/مصابيح القراءة فوق مقعد الراكب الخلفي في الصفين الثاني والثالث بطول الكسوة. تتم إضاءة هذين المصباحين عند فتح أحد الأبواب أو باب المؤخرة. وتضيء المصابيح أيضًا عند الضغط على زر unlock (إلغاء القفل) بحافظة المفاتيح.

تعمل مصابيح الدخول كمصابيح قراءة أيضًا. اضغط على زر العدسة لتشغيل هذه المصابيح أثناء التواجد داخل السيارة. اضغط على زر العدسة مرة ثانية لإطفاء كل مصباح من المصابيح.

مفاتيح التحكم في تعتيم

مفاتيح التحكم في تعتيم الأضواء هي مفاتيح مدمجة ومجاورة لمفتاح الضوء الأمامي الموجود بالجانب الأيسر من لوحة أجهزة القياس.

تؤدي إدارة مفتاح التحكم في تعتيم الأضواء الأيمن إلى أعلى أثناء تشغيل مصابيح التوقف أو المصابيح الأمامية إلى زيادة شدة أضواء مجموعة أجهزة القياس. تؤدي إدارة مفتاح التحكم في تعتيم الأضواء الأيسر إلى ضبط مستويات الضوء الداخلي للإضاءة المحيطة في لوحة أجهزة القياس والأبواب. قد تكون الإضاءة المحيطة ذات ألوان قابلة للتخصيص ⇦ صفحة ٦٥.



مفاتيح التحكم في تعتيم

1 — مفتاح التحكم في تعتيم الإضاءة المحيطة
2 — مفتاح التحكم في تعتيم لوحة أجهزة القياس

ملاحظة:

- قد لا تكون السيارة مزودة بإضاءة محيطة في منطقتي مقاعد الصفين الثاني والثالث.
- يمكن برمجة تعتيم شاشة اللمس عن طريق نظام Uconnect ⇦ صفحة ٢٠٣.

الإضاءة المحيطة المتعددة الألوان - إذا كانت السيارة مزودة بذلك

يمكن تحديد لون إضاءة محيطة معينة داخل السيارة من داخل قائمة Apps (التطبيقات) على شاشة الراديو، أو من إعدادات نظام Uconnect ⇦ صفحة ٢٠٣. يتم ضبط السطوع باستخدام مفتاح التحكم في تعتيم الإضاءة المحيطة في مفتاح المصباح الأمامي.

يمكن تحديد خمسة ألوان للمنطقتين التاليتين داخل السيارة:

- المنطقة 1:
  - الأضواء المحيطة المزخرفة في لوحة أجهزة القياس
- المنطقة 2:
  - مناطق موضع القدمين في المقعد الأمامي أسفل لوحة أجهزة القياس
  - الإضاءة أسفل مقاعد الصف الثاني
  - إضاءة جيب الخريطة على جميع لوحات الأبواب الأربعة

يمكن ضبط هذه المناطق بألوان مختلفة، أو إذا تم تحديد زر SYNC (المزامنة) في قائمة الإعدادات، فسيتم ضبط كل الأضواء الملونة باللون نفسه تلقائيًا.

ملاحظة:

ستظل جميع الإضاءات المحيطة داخل السيارة بيضاء، وسيقوم مفتاح التحكم في تعتيم الإضاءة المحيطة بضبط كل الإضاءات المحيطة في الوقت نفسه.

نظام الإضاءة عند دخول السيارة — إذا كانت السيارة مزودة بذلك

تتيح لك ميزة الإضاءة عند دخول السيارة تنشيط الضوء المنخفض وأضواء التوقف وأضواء التحديد الجانبية مدة 25 ثانية عند إلغاء قفل السيارة (من خلال حافظة المفاتيح أو مقابض باب الدخول غير النشط [إذا كانت السيارة مزودة بذلك]).

يمكن تنشيط هذه الميزة أو إلغاء تنشيطها من خلال إعدادات Uconnect ⇦ صفحة ٢٠٣.

إشارات الانعطاف

حرّك ذراع التحكم متعدد الوظائف للأعلى أو للأسفل، وستضيء الأسهم الموجودة على كلا جانبي مجموعة أجهزة القياس لعرض طريقة التشغيل الصحيحة لمصابيح إشارة الانعطاف الأمامية والخلفية.

ملاحظة:

إذا استمر أي من المصابيح مضاءً دون أن يومض، في حالة زيادة معدل الوميض عن الحد المطلوب، فتأكد من عدم وجود أي خلل في مصابيح الإضاءة الخارجية.

LANE CHANGE ASSIST (مساعد تغيير الحارة) - إذا كانت السيارة مزودة بذلك

اضغط على ذراع التحكم متعدد الوظائف إلى الأعلى أو الأسفل مرة واحدة، دون تجاوز الحابسة وستومض إشارة الانعطاف (اليمنى أو اليسرى) ثلاث مرات ثم ستتوقف أوتوماتيكيًا.

ملاحظة:

للحصول على معلومات حول مساعد النقطة العمياء المنشط بإشارة الانعطاف، انظر ⇦ صفحة ١٧٥.

موفر طاقة البطارية

لإطالة عمر بطارية السيارة، يتم توفير ميزة فصل التيار الكهربي للمصابيح الداخلية والخارجية.

في حال وضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل) وترك أي باب مفتوحًا لمدة 10 دقائق أو إذا تم الضغط على مفتاح Dome On (تشغيل مصباح السقف) في الكونسول العلوي وإضاءة الأضواء الداخلية لمدة 10 دقائق، فستنطفئ الأضواء الداخلية أوتوماتيكيًا.

ملاحظة:

يتم إلغاء وضع موفر طاقة البطارية في حال وجود مفتاح التشغيل في وضع ON (التشغيل).

إذا ظلت الأضواء الأمامية مضاءة ومفتاح التشغيل في وضع OFF (إيقاف التشغيل)، فسيتم إطفاء الأضواء الخارجية أوتوماتيكيًا بعد ثماني دقائق. في حال إضاءة الأضواء الأمامية وتركها مضاءة لمدة ثماني دقائق أثناء وجود مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، سيتم إطفاء الأضواء الخارجية أوتوماتيكيًا.

ملاحظة:

يتم إلغاء وضع موفر طاقة البطارية في حالة إدارة قرص التشغيل إلى وضع OFF (إيقاف التشغيل) مع وجود مفتاح الضوء الأمامي في وضع مصباح التوقف. سوف تظل مصابيح التوقف مضاءة وسيتم فقد طاقة بطارية السيارة.

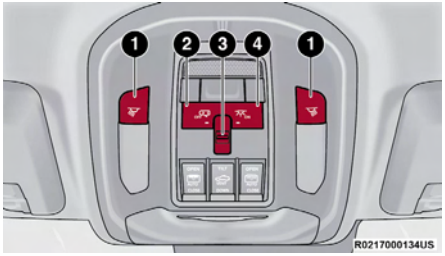
الأضواء الداخلية

أضواء الزينة

يتم تشغيل مصابيح الزينة والسقف عند فتح الأبواب الأمامية أو الضغط على زر Dome On (تشغيل مصباح السقف) في الكونسول العلوي. إذا كانت سيارتك مزوّدة بنظام فتح الأبواب عن بُعد من دون مفاتيح وتم الضغط على زر إلغاء القفل في حافظة المفاتيح، فسوف يتم تشغيل أضواء الدخول والسقف. عندما يكون أحد الأبواب مفتوحًا وتكون الأضواء الداخلية مضاءة، فإن الضغط على زر Dome Defeat (إلغاء مصباح السقف) في الكونسول العلوي سيؤدي إلى إطفاء الأضواء الداخلية كلها. وهذا يسمح للأبواب بأن تظل مفتوحة لفترات طويلة من الوقت دون تفريغ شحن بطارية السيارة.

أضواء الخريطة/القراءة الأمامية- إذا كانت مجهزة بذلك

يمكن أن تعمل مصابيح الكونسول العلوي أيضًا بشكل منفصل كمصابيح قراءة بالضغط على الأزرار المقابلة.



أضواء الزينة

1 — أزرار تشغيل/إيقاف تشغيل مصباح القراءة
2 — زر إطفاء مصباح السقف
3 — الإضاءة المحيطة
4 — زر تشغيل مصباح السقف

الأضواء الأمامية المتحركة — إذا كانت السيارة مزوّدة بذلك

عند تشغيل "Headlight Illumination On Approach (إضاءة الأضواء الأمامية عند الاقتراب)" وضبط قيمة زمنية أعلى من الصفر، تضيء الأضواء الخارجية بطريقة مثيرة أثناء الاقتراب من السيارة. يتم تنشيط هذه الميزة في الحالات التالية:

- تنشيط ميزة التنشيط عند الاقتراب (إذا كانت السيارة مزودة بذلك)
- تنشيط بدء التشغيل عن بُعد
- يتم الضغط على زر إلغاء القفل في حافظة المفاتيح

ملاحظة:

لتنشيط الأضواء الأمامية المتحركة باستخدام بدء التشغيل عن بُعد أو بالضغط على زر إلغاء القفل، يجب أيضًا تحديد "Greeting Lights (أضواء الترحيب)" في نظام Uconnect.

مهلة تأخير إضاءة الضوء الأمامي

لمساعدتك في الخروج من السيارة، تم تزويد سيارتك بميزة مهلة تأخير الأضواء الأمامية التي ستترك الأضواء الأمامية مضاءة لمدة 90 ثانية تقريبًا. وتبدأ هذه المهلة عند وضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل) في أثناء تشغيل مفتاح الضوء الأمامي ثم إدارة مفتاح الضوء الأمامي إلى وضع إيقاف التشغيل. يمكن إلغاء تأخير إضاءة الضوء الأمامي عن طريق تشغيل مفتاح الأضواء الأمامية ثم إيقاف تشغيله أو عن طريق ضبط مفتاح التشغيل على وضع ON (التشغيل).

ملاحظة:

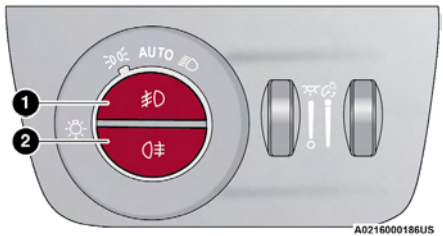
يمكن برمجة مهلة تأخير إضاءة الضوء الأمامي من خلال إعدادات نظام Uconnect ⇦ صفحة ٢٠٣.

التذكير عند ترك الأضواء مضاءة

في حال ترك الأضواء الأمامية أو مصابيح التوقف أو مصابيح الحمولة مضاءة بعد وضع مفتاح الإشعال في وضع OFF (إيقاف التشغيل)، ستنطلق إشارة صوتية عند فتح باب السائق.

مصابيح الضباب الأمامية والخلفية — إذا كانت السيارة مزوّدة بذلك

تكون مفاتيح أضواء الضباب مدمجة في مفتاح الضوء الأمامي.



مفتاح ضوء الضباب

1 - مفتاح ضوء الضباب الأمامي
2 — مفتاح ضوء الضباب الخلفي

لتنشيط أضواء الضباب الأمامية، اضغط على النصف العلوي من مفتاح الضوء الأمامي. لإيقاف تشغيل أضواء الضباب الأمامية، اضغط على النصف العلوي من مفتاح الضوء الأمامي مرة أخرى.

ملاحظة:

لتشغيل أضواء الضباب الأمامية، يجب تشغيل أضواء التوقف أو الأضواء الأمامية ذات الضوء المنخفض أولاً.

لتنشيط أضواء الضباب الخلفية، اضغط على النصف السفلي من مفتاح الضوء الأمامي. لإيقاف تشغيل أضواء الضباب الخلفية، اضغط على النصف السفلي من مفتاح الضوء الأمامي مرة أخرى.

ملاحظة:

لتشغيل مصابيح الضباب الخلفية، يجب تشغيل الأضواء الأمامية ذات الضوء المنخفض أو أضواء الضباب الأمامية أولاً. إذا كانت السيارة مزوّدة بأضواء الضباب الخلفية فقط، فلن يتوفر إلا زر واحد في منتصف مفتاح الضوء الأمامي. اضغط مرة واحدة لتشغيل أضواء الضباب الخلفية واضغط مرة أخرى لإيقاف تشغيلها.

يضيء ضوء مؤشر في مجموعة أجهزة القياس عند إضاءة أضواء الضباب.

Cornering Lights (أضواء الانعطاف)

أضواء الانعطاف هي ميزة لتحسين الرؤية ليلاً أثناء الدوران بالسيارة. عند التنشيط، يضيء مصباح مدمج في ضوء الضباب الأمامي على جانب السيارة الذي يتم تدوير عجلة القيادة فيه أو يضيء مؤشر إشارة الانعطاف. يمكن تنشيطها من خلال نظام Uconnect ⇦ صفحة ٢٠٣.

المصابيح الأمامية الأوتوماتيكية

يقوم هذا النظام بإضاءة المصابيح الأمامية أو إطفائها أوتوماتيكيًا بناءً على مستويات الإضاءة في الوسط المحيط بالسيارة. لتشغيل هذا النظام، أدر مفتاح الضوء الأمامي عكس اتجاه عقارب الساعة إلى الوضع AUTO (أوتوماتيكي). وعندما يكون هذا النظام في وضع التشغيل فإن ميزة مهلة تأخير إضاءة الضوء الأمامي تكون في حالة تشغيل أيضًا. وهذا يعني أن المصابيح الأمامية لديك سوف تظل في حالة تشغيل لما يصل إلى 90 ثانية بعد وضع مفتاح التشغيل على وضع OFF (إيقاف التشغيل). يمكن برمجة مهلة تأخير إضاءة الضوء الأمامي على 90/60/30/0 ثانية ⇦ صفحة ٢٠٣.

لإيقاف تشغيل النظام الأوتوماتيكي، حرّك مفتاح الضوء الأمامي بعيدًا عن الوضع AUTO (أوتوماتيكي).

ملاحظة:

يجب أن يكون المحرك عاملاً قبل إضاءة المصابيح الأمامية في الوضع الأوتوماتيكي.

مصابيح التوقف ومصابيح لوحة أجهزة القياس

لتشغيل مصابيح التوقف ومصابيح لوحة أجهزة القياس، اترك مفتاح المصباح الأمامي في الوضع الأول. أدر مفتاح المصباح الأمامي إلى الوضع AUTO (أوتوماتيكي) لإيقاف تشغيل مصابيح التوقف.

إضاءة المصابيح الأمامية أوتوماتيكيًا مع الماسحات

إذا كانت سيارتك مزودة بمصابيح أوتوماتيكية، فإنها تحتوي أيضًا على هذه الميزة القابلة للبرمجة بواسطة العميل. عندما تكون الأضواء الأمامية في الوضع الأوتوماتيكي أثناء عمل المحرك، فستضيء أوتوماتيكيًا عند تشغيل نظام الماسحات. هذه الميزة قابلة للبرمجة من خلال نظام Uconnect ⇦ صفحة ٢٠٣.

ملاحظة:

عند إضاءة الأضواء الأمامية في أثناء النهار، تراقب السيارة الإضاءة الخارجية وتحدد ما إذا كانت لوحة أجهزة القياس تحتاج إلى التعتيم أم لا ⇦ صفحة ٦٤.

HEADLIGHT ILLUMINATION ON APPROACH (إضاءة الأضواء الأمامية عند الاقتراب)

عند تمكين هذه الميزة، تضيء الأضواء الأمامية وأضواء جيب مقبض الباب الخارجي (إذا كانت السيارة مزودة بذلك) والأضواء الداخلية عند الضغط على زر إلغاء القفل الموجود في حافظة المفاتيح أثناء اقتراب المشغل من السيارة. يمكن تشغيل/إيقاف تشغيل هذه الميزة، ويمكن برمجة مدة بقاء الأضواء الأمامية قيد التشغيل لمدة تصل إلى 90 ثانية ضمن إعدادات نظام Uconnect ⇦ صفحة ٢٠٣.

Proximity Wake-up (التنشيط عند الاقتراب) - إذا كانت السيارة مزودة بذلك

يتم تمكين/تعطيل هذه الميزة في نظام Uconnect، ويتم تنشيطها عندما يقترب السائق من الباب الخاص به أو باب الراكب أو باب المؤخرة مع وجود حافظة مفاتيح صالحة معه. ستضيء بعض الأضواء الخارجية والداخلية لتوفير شعور أكبر بالترحيب والأمان عند اقتراب السائق من السيارة في الظلام. يجب تحديد "Headlight Illumination On Approach" (إضاءة الأضواء الأمامية عند الاقتراب) وضبطه على قيمة وقت غير الصفر ضمن إعدادات نظام Uconnect لكي يتم تنشيط ميزة التنشيط عند الاقتراب.

يمكن قفل الأبواب أو إلغاء قفلها لتنشيط هذه الميزة، ما دام مفتاح التشغيل في وضع OFF (إيقاف التشغيل) أو أثناء حدث بدء التشغيل عن بُعد. ولن يتم تنشيطه إذا كانت الأبواب مقفلة وكان مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

ملاحظة:

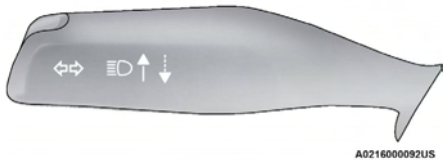
قد لا يتم تنشيط ميزة Proximity Wake-up (التنشيط عند الاقتراب) في ظل الظروف التالية:

- بعد العديد من التنشيطات المتتالية، للمحافظة على بطارية السيارة
- بعد إيقاف تشغيل محرك السيارة لعدة أيام

تنبيه!
لا تستخدم مكونات تنظيف كاشطة أو مذيبات أو صوف الفولاذ أو أي مواد كاشطة لتنظيف العدسات.

ذراع التحكم متعدد الوظائف

يوجد ذراع التحكم متعدد الوظائف في الجانب الأيسر من عمود التوجيه.



ذراع التحكم متعدد الوظائف

أضواء النهار (DRLS) - إذا كانت مجهزة بذلك

تتم إضاءة أضواء النهار (DRL) عند تشغيل المحرك، وعدم تشغيل الأضواء المنخفضة. تظل المصابيح مضاءة إلى أن يتم وضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق) أو إلى أن يتم تعشيق فرامل التوقف. يجب استخدام مفتاح الضوء الأمامي للقيادة العادية أثناء الليل.

ملاحظة:

- إذا كان القانون يسمح بذلك في البلد الذي تم فيه شراء السيارة، يمكن تشغيل أضواء النهار وإطفاؤها باستخدام نظام Uconnect ⇦ صفحة ٢٠٣.
- قد يتم إلغاء تنشيط ضوء النهار على بعض السيارات أو قد تخف شدته على جانب واحد من السيارة (عندما تكون إشارة الانعطاف نشطة على ذلك الجانب) أو على جانبَيها (عندما تكون مصابيح التحذير من الخطر نشطة).

مفتاح الضوء العالي/الضوء المنخفض

ادفع ذراع التحكم متعدد الوظائف في اتجاه لوحة أجهزة القياس لتحويل الأضواء الأمامية إلى الضوء العالي. يؤدي سحب ذراع التحكم متعدد الوظائف للخلف باتجاه عجلة القيادة إلى تشغيل الضوء المنخفض، أو إيقاف تشغيل الضوء العالي.

الأضواء العالية الأوتوماتيكية - إذا كانت السيارة مزودة بذلك

يقدم نظام الأضواء الأمامية الأوتوماتيكية العالية إضاءة أمامية أوضح ليلا بالتحكم التلقائي في الضوء العالي من خلال استخدام كاميرا رقمية مثبتة في مرآة الرؤية الخلفية الداخلية. وتعمل هذه الكاميرا على رصد ضوء المركبات والتبديل التلقائي من الضوء العالي إلى الضوء العادي إلى أن تبتعد المركبة عن الرؤية.

ملاحظة:

- يمكن تشغيل نظام الأضواء الأمامية ذي الإضاءة العالية الأوتوماتيكية أو إيقاف تشغيله عن طريق تحديد "الضوء العالي الأوتوماتيكي" أو إلغاء تحديده في إعدادات نظام Uconnect ⇦ صفحة ٢٠٣.
- يجب أيضًا إدارة مفتاح الضوء الأمامي إلى الوضع AUTO (أوتوماتيكي) بعد تمكين الأضواء العالية الأوتوماتيكية في إعدادات نظام Uconnect لتنشيط الميزة.
- سيتم تنشيط الأضواء العالية الأوتوماتيكية فقط عندما تكون سرعة السيارة أعلى من 35 كم/ساعة (22 ميلاً/الساعة).
- المصابيح الأمامية والخلفية المكسورة أو المتسخة أو المعاقة في المركبات في مجال الرؤية تجعل المصابيح الأمامية تظل مضيئة لفترة أطول (أقرب إلى المركبة). كما يتسبب أيضًا التراب والأوساخ والعوائق الأخرى على الزجاج الأمامي أو عدسة الكاميرا في عمل النظام بشكل غير سليم.

إذا استبدلت مرآة الزجاج الأمامي أو التحكم في الإضاءة الأمامية ذات الضوء العالي الأوتوماتيكي، تجب إعادة توجيه المرآة لضمان الأداء الصحيح. راجع الوكيل المعتمد المحلي.

وميض التجاوز

يمكنك الإشارة بالمصابيح الأمامية بسيارتك إلى سيارة أخرى عن طريق جذب الذراع متعدد الوظائف ناحيتك قليلا. سيتسبب ذلك في تشغيل الضوء الأمامي ذي الضوء العالي، ويظل مضيئًا حتى يتم تحرير الذراع.

ملاحظة:

إذا تَم طي المرايا يدويًا باستخدام مفتاح المرآة القابلة للطي كهربيًا الموجود على لوحة باب السائق، فلن يتم فردها أوتوماتيكيًا.

المرايا المسخنة - إذا كانت مجهزة بذلك

يتم تسخين هذه المرايا لإذابة الجليد أو الصقيع. سيتم تنشيط هذه الميزة في كل مرة يتم فيها تشغيل مزيل الصقيع بالزجاج الخلفي (إذا كانت السيارة مزودة بذلك) ⇦ صفحة ٦٨.

إمالة المرايا الجانبية عند للخلف - إذا كانت مجهزة

توفر ميزة إمالة المرايا الجانبية عند الرجوع إلى الخلف إمكانية ضبط موضع المرآة الخارجية والتي تساعد السائق على رؤية الأرض خلف الأبواب الأمامية. ستتحرك المرايا الخارجية قليلًا إلى الأسفل ابتداءً من الوضع الحالي عند نقل السيارة إلى وضع REVERSE (الرجوع إلى الخلف). ستعود المرايا الخارجية بعد ذلك إلى الوضع الأصلي عند نقل السيارة خارج وضع REVERSE (الرجوع إلى الخلف). سيكون لكل إعداد ذاكرة مخزن وضع إمالة للمرايا الجانبية عند الرجوع إلى الخلف مرتبط به.

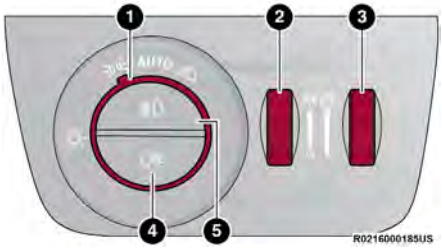
ملاحظة:

يمكن تشغيل ميزة إمالة المرايا الجانبية عند الرجوع إلى الخلف وإيقاف تشغيلها باستخدام نظام Uconnect ⇦ صفحة ٢٠٣.

الأضواء الخارجية

مفتاح الضوء الأمامي

يوجد مفتاح الضوء الأمامي في الجانب الأيسر من لوحة أجهزة القياس بجوار عجلة القيادة. يتحكم مفتاح الأضواء الأمامية في تشغيل الأضواء الأمامية وأضواء التوقف وأضواء لوحة أجهزة القياس وأضواء الضباب (إذا كانت السيارة مزودة بذلك).



مفتاح الضوء الأمامي

1 — أدر مفتاح التحكم في المصابيح الأمامية
2 — مفتاح التحكم في تعتيم الإضاءة المحيطة
3 — مفتاح التحكم في تعتيم لوحة أجهزة القياس
4 - الضغط على مفتاح التحكم في أضواء الضباب الخلفية
5 — الضغط على مفتاح التحكم في أضواء الضباب الأمامية

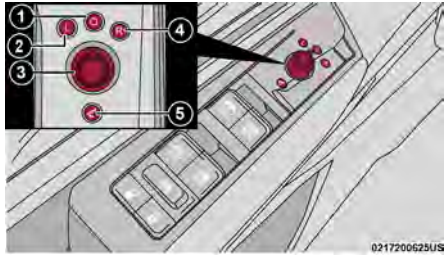
ملاحظة:

يحتوي مفتاح الضوء الأمامي على حابسة الوضعين AUTO (أوتوماتيكي) وON (تشغيل) لكن ليس على حابسة الوضع OFF (إيقاف التشغيل). يتم إلغاء تنشيط المصابيح الأمامية عند ضبط مفتاح الضوء الأمامي في وضع مصابيح التوقف. ومع ذلك، سيتم تنشيط أضواء النهار (DRL) مع مصابيح التحديد الأمامية والخلفية. يمكن إلغاء تنشيط أضواء النهار عند تعشيق فرامل التوقف.

لتشغيل الأضواء الأمامية، قم بتدوير مفتاح الضوء الأمامي باتجاه عقارب الساعة. عند تشغيل مفتاح الضوء الأمامي، يتم أيضًا تشغيل مصابيح التوقف ومصابيح المؤخرة ومصابيح لوحة الترخيص ومصابيح لوحة أجهزة القياس. لإيقاف تشغيل الأضواء الخارجية، تجب إدارة مفتاح الضوء الأمامي إلى الوضع AUTO (أوتوماتيكي).

ملاحظة:

- سيارتك مزودة بعدسات بلاستيك للضوء الأمامي وضوء الضباب (إذا كانت السيارة مزودة بذلك) تتميز بخفة وزنها وحساسيتها الأقل لارتطام الأحجار مقارنة بالمصابيح التي تصنع من الزجاج. يختلف مستوى مقاومة البلاستيك للخدش عن الزجاج، وبالتالي يجب اتباع إجراءات تنظيف أخرى للعدسات.
- لتقليل احتمال خدش العدسات وبالتالي تقليل معدل الضوء الخارج، تجنب مسح العدسات بقطعة قماش جافة. لإزالة أوساخ الطريق، اغسل العدسات بمحلول صابون لطيف ثم اشطفها بالماء.



مفتاح المرآة العاملة بالطاقة

1 — الوضع المحايد
2 — المرآة اليسرى
3 — مفتاح التحكم
4 — المرآة اليمنى
5 — وضع الطي الكهربائي (إذا كانت السيارة مزودة بذلك)

ملاحظة:

بمجرد اكتمال الضبط، أدر المقبض إلى الوضع المحايد لتجنب الحركات غير المقصودة.

الطي الكهربائي — إذا كانت السيارة مزودة بذلك

لطي مرايا الأبواب باستخدام وظيفة Power Folding Mirror (طي المرايا كهربائيًا)، أدر مفتاح التحكم إلى وضع الطي الكهربائي. تؤدي إدارة مفتاح التحكم إلى الوضع الأيسر أو الأيمن أو المحايد إلى إعادة المرايا إلى وضع القيادة.

إذا تم تحريك مفتاح التحكم في المرايا الكهربائية مرة أخرى أثناء طي مرآة الباب (من وضع الغلق إلى وضع الفتح والعكس بالعكس)، فسيتم عكس اتجاه الحركة.

ملاحظة:

لا تتوفر وظيفة طي المرآة كهربائيًا إلا عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

إعادة ضبط طي المرايا الخارجية التي يتم طيها كهربيًا

قد تحتاج إلى إعادة ضبط المرايا التي يتم طيها كهربيًا في حالة حدوث ما يلي:

- تمت إعاقة المرايا دون قصد عند طيها.
- طي/فرد المرايا يدويًا بدون قصد (باليد أو بالضغط على مفتاح المرآة التي يتم طيها كهربيًا).
- خرجت المرايا من الوضع الذي تكون فيه غير مطوية.
- اهتزاز المرايا وتأرجحها في سرعات القيادة العادية.

لإعادة ضبط المرايا التي يتم طيها كهربيًا: قم بطيها وفردها عن طريق تدوير المفتاح (قد يتطلب ذلك تنشيط مفاتيح متعددة لمزامنة مرآة السائق والراكب). سيعمل هذا على إعادة ضبطها على الوضع العادي.

يمكن حفظ وضع المرآة الكهربائية كجزء من إعدادات ذاكرة السائق (إذا كانت السيارة مزودة بذلك)
⇦ صفحة ٣٦.

المرايا التي يتم طيها كهربيًا بشكل أوتوماتيكي - إذا كانت السيارة مزودة بذلك

عند تمكينها في إعدادات نظام Uconnect
⇦ صفحة ٢٠٣, سيتم طي المرايا الخارجية أوتوماتيكيًا عند وضع مفتاح تشغيل السيارة في وضع OFF (إيقاف التشغيل) وبعد قفل الأبواب وإغلاقها.

سيتم طي المرايا الخارجية أوتوماتيكيًا في المواقف التالية بعد وضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل):

- الضغط على زر القفل الموجود على لوحة الباب قبل فتح الباب.

ملاحظة:

إذا كانت الأبواب مقفلة بالفعل، فاضغط على زر القفل مرة أخرى.

- فتح الباب، ثم الضغط على زر القفل الموجود على لوحة الباب، ثم إغلاق الباب.
- بعد الخروج من السيارة، أغلق الأبواب ثم اضغط على زر القفل الموجود على حافظة المفاتيح.
- بعد الخروج من السيارة، أغلق الأبواب ثم المس رمز القفل الموجود على مقبض باب الدخول غير النشط.

الفرْد التلقائي

إذا تم طي المرايا الخارجية تلقائيًا، فستُفرد بناءً على الاختيار باستخدام نظام Uconnect:

- عندما تكون السيارة غير مقفلة باستخدام حافظة المفاتيح
- عند فتح قفل السيارة باستخدام مقبض باب الدخول غير النشط
- عند تنشيط وظيفة Proximity Wake-Up
⇦ صفحة ٦٢
- عندما يكون مفتاح التشغيل موجودًا في وضع ON/ RUN (التشغيل/الانطلاق).

تحذير!
تبدو السيارات والأشياء الأخرى التي تراها في المرآة الخارجية المحدبة أصغر وأبعد مما هي عليه بالفعل. إن الاعتماد كثيرًا على المرايا الجانبية المحدبة قد يؤدي إلى ارتطامك بسيارات أو أشياء أخرى. استخدم المرآة الداخلية للتأكد من حجم أو بعد السيارة التي تراها في المرآة الجانبية المحدبة.

ميزة طي المرايا الخارجية

إن جميع المرايا الخارجية مزودة بمفصلة ويمكن تحريكها إلى الأمام أو الخلف لتفادي تلفها. تحتوي المفصلات على ثلاث مواضع للحابسة:

- الوضع الأمامي الكامل
- الوضع الخلفي الكامل
- الوضع العادي

المرايا الخارجية المزودة بإشارات انعطاف وأضواء اقتراب — إذا كانت السيارة مزودة بذلك

تحتوي المرايا الخارجية للسائق والراكب المزودة بإشارات انعطاف وأضواء اقتراب على مصابيح LED، والتي توجد في الزاوية الخارجية السفلى من كل مرآة.

مصابيح LED الخارجية عبارة عن مؤشرات لإشارة الانعطاف، والتي تومض مع أضواء إشارات الانعطاف المتوافقة في مقدمة السيارة ومؤخرتها. وسوف يؤدي تشغيل وامضات التحذير من الخطر إلى تنشيط مصابيح LED هذه أيضًا.

إن إضاءة الاقتراب، التي تُضيء في كلتا المرآتين عندما تستخدم حافظة المفاتيح أو تفتح أي باب، توجد على الجانب السفلي من المرآة.

ستخبو أضواء الدخول حتى تنطفئ تمامًا بعد مرور 30 ثانية تقريبًا أو أنها ستنطفئ مباشرة بمجرد وضع مفتاح التشغيل في الوضع ON/RUN (التشغيل/الانطلاق).

ملاحظة:

لن تعمل أضواء الاقتراب عند تحريك محدد التروس خارج وضع PARK (التوقف).

مرآة التعتيم الأوتوماتيكي الخارجية - إذا كانت السيارة مزودة بذلك

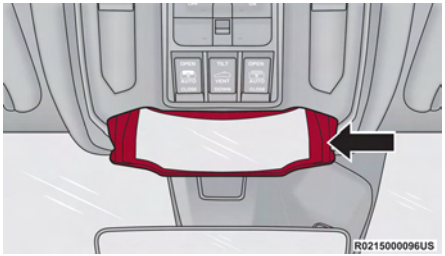
يتم ضبط المرآة الخارجية بجانب السائق أوتوماتيكيًا لتقليل شدة ضوء المصابيح الأمامية للسيارات القادمة من الخلف. يتم التحكم في هذه الميزة بواسطة مرآة التعتيم الأوتوماتيكي الداخلية. تضبط المرآة الخارجية أوتوماتيكيًا لتقليل شدة ضوء المصابيح الأمامية عند ضبط المرآة الداخلية.

مرآة المحادثة

توجد مرآة محادثة في الكونسول العلوي لرؤية كل الركاب في السيارة. اضغطْ على اللوحة لتحرير المرآة المنسدلة، وارفعها مرة أخرى حتى 3/4 المسافة ثم دعها؛ وثمة مزلاج سيثبت المرآة في مكانها. ارفع المرآة حتى النهاية واضغط لتثبيتها بالمزلاج مرة أخرى في وضع التخزين.

ملاحظة:

من وضع مرآة المحادثة، لا تسحب الباب لفتحه بالكامل لأن هذا سيتلف الباب. يجب إعادة الباب إلى وضع الإغلاق قبل فتحه بالكامل.

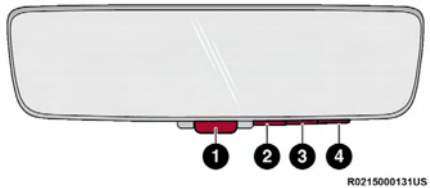


مرآة المحادثة

المرايا العاملة بالطاقة

يوجد مفتاح التحكم بالمرآة العاملة بالطاقة على لوحة كسوة باب السائق.

لضبط مرآة، أدر مفتاح التحكم على المرآة المطلوبة: يسار (L) أو يمين (R). ثم ادفع المفتاح في الاتجاه الذي تريد تحريك المرآة فيه.



المرآة الرقمية للرؤية الخلفية

1 — مفتاح التحكم في/التبديل بين التشغيل/ إيقاف التشغيل
2 - زر Menu (القائمة)
3 — زر التمرير إلى اليسار
4 — زر التمرير إلى اليمين

اضغط على زر القائمة الموجود إلى جوار مفتاح التحكم في/التبديل بين التشغيل/ إيقاف التشغيل للوصول إلى خيارات المرآة التالية:

- السطوع
- الإمالة

استخدم أزرار اليسار واليمين للتمرير بين خيارات القائمة.

عند عدم استخدام المرآة، ادفع مفتاح التشغيل/ إيقاف التشغيل للأمام باتجاه الزجاج الأمامي لإعادتها إلى الوضع العادي لمرآة التعتيم الأوتوماتيكي.

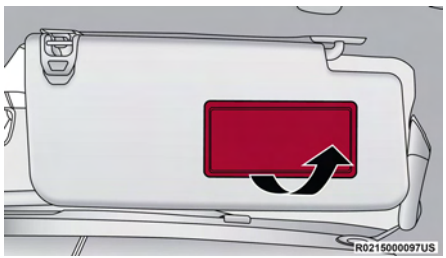
ملاحظة:

- ولا تكون المرآة الرقمية للرؤية الخلفية على قدر عالٍ من الفعالية في أثناء القيادة الليلية في ظروف الإضاءة المنخفضة بسبب مستويات الإضاءة المحيطة المنخفضة. في حال تزويد المستخدم برؤية أقل من المتوقع، يمكن إرجاع المرآة إلى وضع مرآة التعتيم الأوتوماتيكي العاكسة العادي بالضغط على مفتاح التحكم/التبديل للأمام في السيارة ووضع المرآة في وضع مرايا التعتيم الأوتوماتيكي.
- عند تنشيط غاسلة النافذة الخلفية عن طريق دفع ذراع ماسحة/غاسلة الزجاج الأمامي إلى الأمام، يتم أيضًا غسل كاميرا الرجوع إلى الخلف الخلفية ومرآة الرؤية الخلفية الرقمية (إذا كانت السيارة مزودة بذلك). لمزيد من المعلومات، فضلاً انظر ⇦ صفحة ٦٧.

مرايا الزينة المضيئة

للوصول إلى مرآة زينة مضاءة، اقلب أحد حاجبي الشمس.

ارفع الغطاء لرؤية المرآة. يضيء الضوء أوتوماتيكيًا.



رفع الغطاء على مرآة الزينة

ميزة التحريك على الحامل في حاجب الشمس — إذا كانت السيارة مزوّدة بذلك

تتيح ميزة التحريك على الحامل في حاجب الشمس مزيدًا من المرونة في وضع حاجب الشمس لحجب أشعة الشمس.

1. قم بطي واقي الشمس لأسفل.
2. قم بفك الواقي من المشبك الأوسط.
3. أدر واقي الشمس في اتجاه النافذة الجانبية.
4. قم بتمديد شفرة واقي الشمس لحجب الشمس بصورة إضافية.

ملاحظة:

كما يمكن تمديد شفرة حاجب الشمس عندما يكون حاجب الشمس أمام الزجاج الأمامي للحصول على حجب إضافي للشمس من خلال الجزء الأمامي للسيارة.

المرايا الخارجية

للحصول على أقصى استفادة، اضبط المرآة (المرايا) الخارجية بحيث تكون في وسط حارة المرور المجاورة لسيارتك وبحيث تستطيع أن ترى فيها ما تراه في المرآة الداخلية ولكن بشكل متراكب قليلاً.

- Adjustable Pedal Disabled — Cruise Control Engaged (تم تعطيل الدواسة القابلة للضبط — نظام التحكم في السرعة الثابتة قيد التشغيل)
- Adjustable Pedals Unavailable — Vehicle in Reverse (الدواسات القابلة للضبط غير متوفرة — السيارة في وضع الرجوع للخلف)

ملاحظة:

- قم دومًا بضبط الدواسات إلى وضع يتيح الحركة الكاملة للدواسة.
- قد يكون من الضروري إجراء بعض عمليات الضبط الصغيرة للتعرف على أفضل وضع للمقعد/الدواسة.
- بالنسبة إلى السيارات المزودة بإعدادات ذاكرة السائق ⇦ صفحة ٣٦، يمكنك استخدام حافظة المفاتيح أو مفتاح الذاكرة على لوحة كسوة باب السائق لإعادة الدواسات القابلة للضبط إلى الأوضاع المحفوظة.

تحذير!
لا تضبط الدواسات أثناء تحرك السيارة. من الممكن أن تفقد السيطرة على السيارة مما يعرضك للحوادث. ولذلك، اضبط الدواسات دائمًا أثناء توقف السيارة.

تنبيه!
لا تضع أي شيء أسفل الدواسات القابلة للضبط أو تعوق قدرتها على الحركة، فقد يؤدي ذلك إلى تلف مفاتيح التحكم في الدواسات. قد يتم تقييد مدى حركة الدواسة إذا توقفت الحركة بسبب وجود عائق في مسار الدواسة القابلة للضبط.

المرايا

مرآة الرؤية الخلفية الداخلية

مرآة التعتيم الأوتوماتيكي — إذا كانت السيارة مزوّدة بذلك

يمكن ضبط رأس المرآة لأعلى ولأسفل ولليسار ولليمين. يجب ضبط المرآة لتوسيط الرؤية من خلال النافذة الخلفية.

تنضبط هذه المرآة أوتوماتيكيًا لتقليل الضوء الذي تسببه السيارات من الخلف.

ملاحظة:

يتم تعطيل ميزة مرآة التعتيم الأوتوماتيكي عندما تكون السيارة في وضع REVERSE (الرجوع إلى الخلف) لتحسين رؤية السائق.

يمكن تشغيل هذه الميزة أو إيقاف تشغيلها من خلال نظام Uconnect ⇦ صفحة ٢٠٣.

مرآة التعتيم الأوتوماتيكي

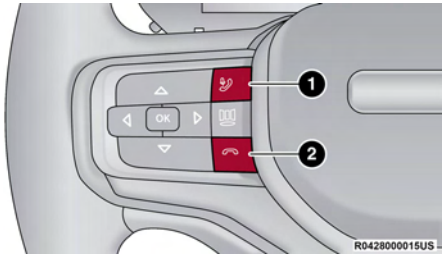
المرآة الرقمية للرؤية الخلفية — إذا كانت السيارة مزودة بذلك

توفر المرآة الرقمية للرؤية الخلفية رؤية عالية الدقة وواسعة وغير معاقة للطريق خلف السيارة في أثناء القيادة.

ضع المرآة في وضع مرآة التعتيم الأوتوماتيكي العادي، ثم قم بتنشيط وضع مرآة الرؤية الخلفية الرقمية.

لتنشيط المرآة الرقمية للرؤية الخلفية، ادفع ذراع التحكم في التشغيل/ إيقاف التشغيل الموجود أسفل المرآة المتجهة للخلف في اتجاه السائق.

- في كل مرة تقوم فيها بإعطاء أمر صوتي، اضغط أولاً على زر VR (التعرف على الصوت) أو قل كلمة Wake Up (تنشيط) وانتظر حتى بعد سماع الصافرة ثم قل الأمر الصوتي.
- يمكنك مقاطعة رسالة التعليمات أو مطالبات النظام عن طريق الضغط على زر VR (التعرّف على الصوت) ونطق أمر صوتي من الفئة الحالية.
- يمكنك أيضًا مقاطعة رسالة المساعدة أو مطالبات النظام من خلال التحدث. تسمى هذه الميزة "barge-in" (المقاطعة) ويمكن تعيينها من خلال إعدادات Uconnect ⇦ صفحة ٢٠٣.



أزرار الأوامر الصوتية بنظام Uconnect

1 — بالنسبة إلى السيارات المزوّدة بنظام الملاحة: اضغط على زر التعرُّف على الصوت لبدء تشغيل الراديو، والوسائط، والملاحة، ودرجة الحرارة، وبدء مكالمة هاتفية أو الرد عليها، وإرسال نص أو تلقيه

1 — بالنسبة إلى السيارات غير المزوّدة بنظام الملاحة: اضغط على زر الهاتف للرد على مكالمة هاتفية واردة

2 — اضغط على زر إنهاء المكالمة لإنهاء المكالمة الجارية

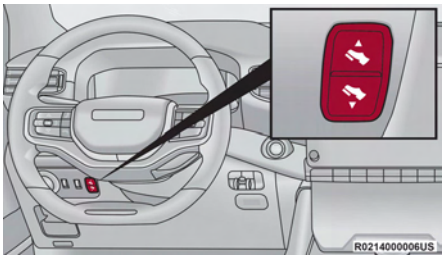
المعلومات الإضافية

حقوق النشر © لعام 2023 لصالح FCA. جميع الحقوق محفوظة. تُعد Mopar وUconnect علامتين تجاريتين مسجلتين، كما أن Mopar Owner Connect هي علامة تجارية لشركة FCA.

دواسات السائق القابلة للتعديل - إذا كانت مجهزة

تم تصميم نظام الدواسات القابلة للضبط لإتاحة قدر أكبر من الراحة للسائق فيما يتعلق بإمالة عجلة القيادة ووضع المقعد. تتيح هذه الميزة تحريك دواسات الفرامل والوقود باتجاه السائق أو بعيدًا عنه بما يوفر وضعًا أفضل بالنسبة لعجلة القيادة.

يوجد مفتاح الدواسة القابل للضبط على لوحة أجهزة القياس، بجوار مفتاح الضوء الأمامي.



مفتاح الدواسات القابلة للضبط

- يمكن ضبط الدواسات عندما يكون مفتاح التشغيل في وضع OFF (إيقاف التشغيل).
- **لا يمكن** ضبط الدواسات عندما تكون السيارة في وضع REVERSE (الرجوع للخلف) أو عند تشغيل نظام التحكم في السرعة أو وحدة التحكم في السرعة الثابتة المهايئة. في حال وجود محاولة لضبط الدواسات عندما يكون النظام مقفلاً، ستظهر إحدى الرسائل الآتية:

ملاحظة:

يجب ألا تتم إزالة مسند الرأس الأوسط إلا بواسطة فنيين مؤهلين ولتنفيذ أغراض الخدمة فقط. إذا كانت تلزم إزالة مسند الرأس، فراجع الوكيل المعتمد.

مساند الرأس الخارجية بالصف الثالث غير قابلة للضبط أو للإزالة، ولكن يمكن طيها لتحسين الرؤية عندما تكون السيارة في وضع REVERSE (الرجوع إلى الخلف)، وعدم وجود ركاب في المقاعد.

اضغط على زر Headrest Fold (طي مسند الرأس) في قائمة Controls (مفاتيح التحكم) في نظام Uconnect لطي مساند الرأس بالصف الثالث كهربائيًا.

يتم أيضًا طي مساند الرأس أوتوماتيكيًا عند طي ظهور المقاعد للأمام باستخدام مقابض التحرير الموجودة على ظهور المقاعد من منطقة الحمولة.

ملاحظة:

- يجب رفع مساند الرأس يدويًا عند شغل الصف الثالث.
- لا تطوي مساند الرأس في حالة تواجد ركاب في مقاعد الصف الثالث.

تحذير!
• ينبغي على جميع الركاب، بمن فيهم السائق، عدم تشغيل السيارة أو الجلوس في أحد مقاعدها إلا عند وضع مساند الرأس في مواضعها المناسبة كي يتم تقليل خطر إصابة العنق في حالة وقوع تصادم.

(تابع)

تحذير!
• يجب عدم ضبط مساند الرأس مطلقًا أثناء حركة السيارة. قد ينجم عن قيادة السيارة مع إزالة مساند الرأس أو ضبطها بطريقة خاطئة إلى إصابة خطيرة أو الوفاة في حالة وقوع حادث.

تلميحات سريعة حول ميزة التعرف على الصوت في نظام UCONNECT — إذا كانت السيارة مزودة بذلك

التعرّف على الصوت

ابدأ باستخدام ميزة التعرف على الصوت بنظام Uconnect مع هذه التلميحات السريعة المفيدة. وهي توفر الأوامر الصوتية الأساسية والتلميحات التي تحتاج إلى معرفتها للتحكم بنظام التعرف على الصوت في سيارتك.

الأوامر الصوتية الأساسية

يمكن إعطاء الأوامر الصوتية الأساسية الآتية في أي وقت في أثناء استخدام نظام Uconnect.

اضغط على زر VR (التعرف على الصوت) أو تلفّظ بعبارة تنشيط السيارة "Hey Uconnect" (مرحبًا Uconnect). يتم ضبط كلمة التنشيط الافتراضية للمصنع على "Hey Uconnect" (مرحبًا Uconnect) ويمكن إعادة برمجتها من خلال إعدادات نظام Uconnect. بعد سماع الصافرة، قل:

- **"Cancel (إلغاء)"** لإيقاف جلسة صوتية حالية.
- **"Help (مساعدة)"** لسماع قائمة بالأوامر الصوتية المقترحة.
- **"Repeat (تكرار)"** للاستماع إلى مطالبات النظام مرة أخرى.

لاحظ الإشارات المرئية التي تخبرك بحالة نظام التعرف على الصوت.

البدء

يُستخدم زر VR (التعرف على الصوت) لتنشيط/إلغاء تنشيط نظام التعرُّف على الصوت لديك. يمكنك أيضًا استخدام كلمة Wake Up (تنشيط) النظام لتنشيط التعرُّف على الصوت. يمكن تعيين كلمة "Wake Up" من خلال إعدادات Uconnect ⇦ صفحة ٢٠٣.

تلميحات مفيدة لاستخدام ميزة التعرف على الصوت:

- تقليل الضوضاء الموجودة في الخلفية. صوت الرياح ومحادثات الركاب أمثلة على الضوضاء التي قد تؤثر على ميزة التعرف.
- التحدث بوضوح بنبرة عادية وبمستوى صوت عادي مع الاتجاه إلى الأمام بشكل مستقيم.

ملاحظة:

- يجب رفع مساند الرأس يدويًا عند شغل الصف الثاني.
- لا تقم بالطي في حال جلوس ركاب في مقاعد الصف الثاني.

تحذير!

- ينبغي على جميع الركاب، بمن فيهم السائق، عدم تشغيل السيارة أو الجلوس في أحد مقاعدها إلا عند وضع مساند الرأس في مواضعها المناسبة كي يتم تقليل خطر إصابة العنق في حالة وقوع تصادم.
- يجب عدم ضبط مساند الرأس مطلقًا أثناء حركة السيارة. قد ينجم عن قيادة السيارة مع إزالة مساند الرأس أو ضبطها بطريقة خاطئة إلى إصابة خطيرة أو الوفاة في حالة وقوع حادث.

مساند الرأس — المقعد الطويل بالصف الثاني

إذا كان الصف الثاني مجهزًا بمقعد طويل، فإن مساند الرأس الموجودة في المقعدين الطرفيين تكون غير قابلة للضبط أو الإزالة. ويتم طيها أوتوماتيكيًا إلى الأمام عند طي ظهر المقعد، ولا تعود إلى وضعها الطبيعي عند رفع ظهر المقعد. بعد عودة ظهر المقعد إلى وضعه العمودي بعد تشغيل الطي، ارفع مسند الرأس إلى أن يستقر في مكانه.

يمكن للسائق أيضًا طي مساند الرأس الخارجية بالصف الثاني عبر الراديو، لتحسين الرؤية عندما تكون السيارة في وضع REVERSE (الرجوع للخلف) وعدم وجود ركاب في المقاعد.

اضغط على زر Headrest Fold (طي مسند الرأس) في قائمة Controls (مفاتيح التحكم) بنظام Uconnect لطي مساند الرأس الخارجية بالصف الثاني كهربائيًا.

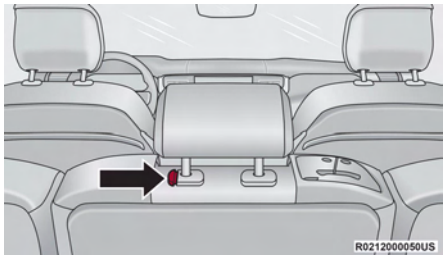
ملاحظة:

- يجب رفع مساند الرأس يدويًا عند شغل الصف الثاني.
- لا تقم بالطي في حال جلوس ركاب في مقاعد الصف الثاني.

يتضمن مسند الرأس الأوسط وضع ضبط واحدًا، ويمكن ضبطه لأعلى، عندما يكون المقعد مشغولاً، أو لأسفل لتخزينه. لضبط مسند الرأس هذا، اضغط على زر الضبط الموجود في قاعدة مسند الرأس، مع السحب لأعلى أو الدفع لأسفل إلى أن يستقر في مكانه.

ملاحظة:

مسند الرأس الأوسط غير قابل للإزالة.



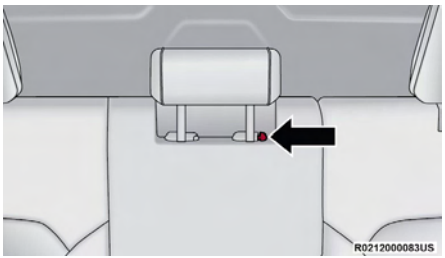
زر ضبط مسند رأس المقعد الأوسط

تحذير!

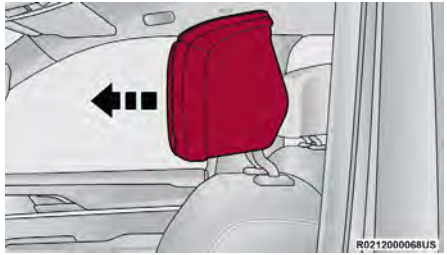
- ينبغي على جميع الركاب، بمن فيهم السائق، عدم تشغيل السيارة أو الجلوس في أحد مقاعدها إلا عند وضع مساند الرأس في مواضعها المناسبة كي يتم تقليل خطر إصابة العنق في حالة وقوع تصادم.
- يجب عدم ضبط مساند الرأس مطلقًا أثناء حركة السيارة. قد ينجم عن قيادة السيارة مع إزالة مساند الرأس أو ضبطها بطريقة خاطئة إلى إصابة خطيرة أو الوفاة في حالة وقوع حادث.

مساند الرأس بمقاعد الصف الثالث

يمكن رفع مسند الرأس في الموضع الأوسط وخفضه لتوجيه شريط التطويل أو ضبط الارتفاع ⇦ صفحة ٢٧٧.

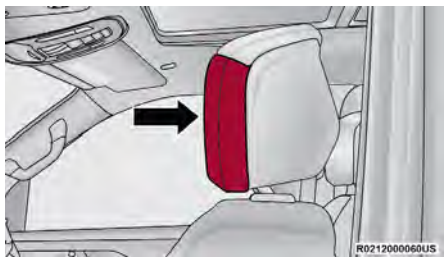


زر ضبط مسند الرأس الأوسط



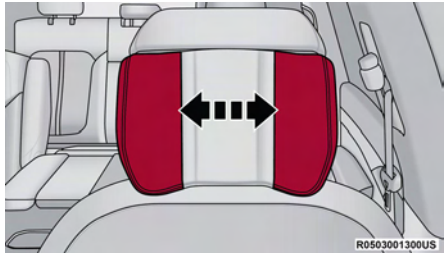
الضبط للأمام (مسند الرأس العامل بالطاقة)

مساند الرأس الأمامية العاملة بالطاقة في Grand Wagoneer مزوّدة أيضًا بأجنحة قابلة للضبط، موجودة على الواجهة الأمامية الخارجية اليمنى واليسرى من مسند الرأس.

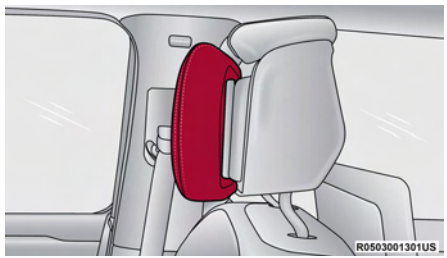


الجناح القابل للضبط (الجانب الأيسر موضّح)

لضبط الأجنحة لتوفير المزيد من الراحة والدعم، اسحب الأجنحة إلى الأمام. لإعادة الأجنحة، ادفع الأجنحة إلى الخلف إلى الوضع المسطح.



ضبط الجناح



الجناح ممتد (الجانب الأيسر موضّح)

ملاحظة:

يجب ألا يتم خلع مساند الرأس إلا بواسطة فنيين مؤهلين ولتنفيذ أعراض الخدمة فقط. عند الحاجة إلى فك أي من مساند الرأس، راجع الوكيل المعتمد.

تحذير!

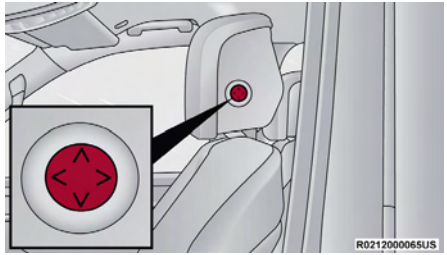
- ينبغي على جميع الركاب، بمن فيهم السائق، عدم تشغيل السيارة أو الجلوس في أحد مقاعدها إلا عند وضع مساند الرأس في مواضعها المناسبة كي يتم تقليل خطر إصابة العنق في حالة وقوع تصادم.
- يجب عدم ضبط مساند الرأس مطلقًا أثناء حركة السيارة. قد ينجم عن قيادة السيارة مع إزالة مساند الرأس أو ضبطها بطريقة خاطئة إلى إصابة خطيرة أو الوفاة في حالة وقوع حادث.

مساند الرأس — مقاعد القائد في الصف الثاني

إذا كان الصف الثاني مجهزًا بمقاعد القائد، فإن مساند الرأس تكون غير قابلة للضبط أو الإزالة. ويتم طيها أوتوماتيكيًا إلى الأمام عند طي ظهر المقعد، ولا تعود إلى وضعها الطبيعي عند رفع ظهر المقعد. بعد عودة ظهر المقعد إلى وضعه العمودي بعد تشغيل الطي، ارفع مسند الرأس إلى أن يستقر في مكانه.

يمكن للسائق أيضًا طي مساند الرأس الخارجية بالصف الثاني عبر الراديو، لتحسين الرؤية عندما تكون السيارة في وضع REVERSE (الرجوع للخلف) وعدم وجود ركاب في المقاعد.

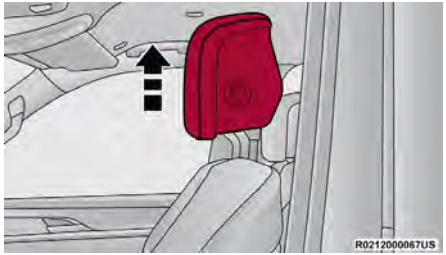
اضغط على زر Headrest Fold (طي مسند الرأس) في قائمة Controls (مفاتيح التحكم) بنظام Uconnect لطي مساند الرأس الخارجية بالصف الثاني كهربائيًا.



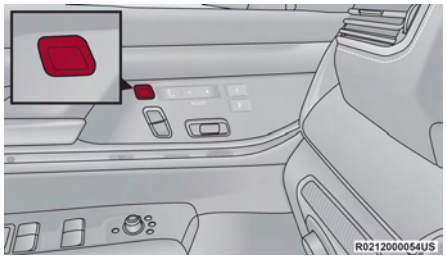
زر ضبط مسند الرأس في Wagoneer

لضبط مسند الرأس للأمام، اضغط على زر الضبط الموجود على الجانب الأيسر من مسند الرأس، واسحب الجزء العلوي من مسند الرأس باتجاه مقدمة السيارة حسب الحاجة ثم حرره. لضبط مسند الرأس للخلف، اضغط على زر الضبط وادفع الجزء العلوي من مسند الرأس في اتجاه مؤخرة السيارة حسب الحاجة وحرره.

الوضع القائم (مسند الرأس اليدوي)



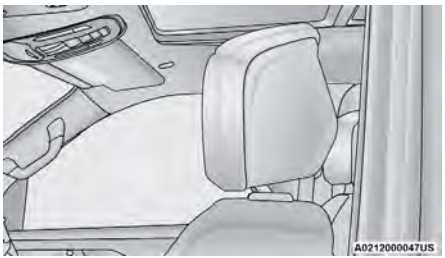
الضبط لأعلى (مسند الرأس اليدوي)



مفتاح ضبط مسند الرأس في Grand Wagoneer

إذا كانت سيارتك مزودة بمساند رأس أمامية عاملة بالطاقة، فاضغط على مفتاح ضبط مسند الرأس الموجود على لوحة كسوة الباب إلى الأعلى أو اضغط عليه إلى الأسفل لرفع مسند الرأس أو خفضه. سوف يتحرك مسند الرأس في اتجاه المفتاح. حرر المقبض عند الوصول إلى الوضع المطلوب.

يمكن ضبط مسند الرأس للأمام وللخلف أيضًا. اضغط على مفتاح مسند الرأس للأمام أو للخلف. سوف يتحرك مسند الرأس في اتجاه المفتاح. حرر المقبض عند الوصول إلى الوضع المطلوب.



الوضع القائم (مسند الرأس العامل بالطاقة)

المقاعد الأمامية المزودة بفتحات تهوية

توجد أزرار التحكم في المقاعد المزوّدة بفتحات تهوية على جوانب الراديو أو ضمن نظام Uconnect. تعمل المراوح بثلاث سرعات: HI (مرتفعة)، وMED (متوسطة) وLO (منخفضة).

- اضغط على زر ventilated seat (المقعد المزوّد بفتحات تهوية) مرة واحدة لاختيار HI (عالٍ).
- اضغط على زر المقعد المزوّد بفتحات تهوية مرةً أخرى لاختيار MED (متوسطة).
- اضغط على زر المقعد المزوّد بفتحات تهوية مرة ثالثة لاختيار LO (منخفضة).
- اضغط على زر المقعد المزوّد بفتحات تهوية مرة رابعة لإيقاف تشغيل التهوية.

يمكن تشغيل المراوح في ظهر المقعد فقط، أو في وسادة المقعد فقط، أو في كليهما. اضغط على صورة المقعد على شاشة اللمس أو اضغط على زر منطقة المقعد الموجود على جانب الراديو للتنقل عبر مناطق المقعد هذه. سيضيء مؤشر LED بجوار المنطقة (المناطق) المحددة. إذا كانت السيارة مزوّدة بأزرار شاشة اللمس، فسيتم تمييز المناطق المحددة على صورة المقعد.

ملاحظة:

يجب أن يكون المحرك في وضع التشغيل لكي تعمل المقاعد المزودة بالتهوية.

للمزيد من المعلومات حول استخدام نظام بدء التشغيل عن بُعد, انظر ⇦ صفحة ٢٦.

المقاعد الخلفية المزودة بفتحات التهوية - إذا كانت السيارة مزودة بذلك

قد يتم تجهيز المقعدين الطرفيَين في الصف الثاني بمقاعد ذات فتحات تهوية. توجد مفاتيح التحكم في المقاعد الخلفية المزودة بفتحات تهوية في الجزء الخلفي من الكونسول المركزي وتتيح للركاب في الخلف تشغيل المقاعد بشكل مستقل.

إذا كانت السيارة مزوّدة بشاشة عرض الراحة والملاءمة الخلفية، يمكن تحديد إعدادات المقعد جيد التهوية في شاشة العرض ⇦ صفحة ٧٣.

يمكنك الاختيار من سرعة المروحة HI (عالية) أو MED (متوسطة) أو LO (منخفضة) أو OFF (إيقاف التشغيل). تضيء أضواء المؤشر في كل مفتاح للإشارة إلى مستوى سرعة المروحة المستخدم.

- اضغط على مفتاح المقعد المزود بفتحات تهوية مرة واحدة لاختيار HI (عالية).
- اضغط على مفتاح المقعد المزود بفتحات تهوية مرة ثانية لاختيار MED (متوسطة).
- اضغط على مفتاح المقعد المزود بفتحات تهوية مرة ثالثة لاختيار LO (منخفضة).
- اضغط على مفتاح المقعد المزود بفتحات تهوية مرة رابعة لإيقاف تشغيل التهوية.

ملاحظة:

يجب أن يكون المحرك في وضع التشغيل لكي تعمل المقاعد المزودة بالتهوية.

مساند الرأس

مساند الرأس مصممة لتقليل مخاطر الإصابة عن طريق تقييد حركة الرأس في حالة حدوث تصادم خلفي. يجب ضبط مساند الرأس بحيث يكون مسند الرأس أعلى أذنيك.

تحذير!

- ينبغي على جميع الركاب، بمن فيهم السائق، عدم تشغيل السيارة أو الجلوس في أحد مقاعدها إلا عند وضع مساند الرأس في مواضعها المناسبة كي يتم تقليل خطر إصابة العنق في حالة وقوع تصادم.
- يجب عدم ضبط مساند الرأس مطلقًا أثناء حركة السيارة. قد ينجم عن قيادة السيارة مع إزالة مساند الرأس أو ضبطها بطريقة خاطئة إلى إصابة خطيرة أو الوفاة في حالة وقوع حادث.

مساند الرأس الأمامية

سيارتك مجهزة بمساند رأس أمامية للسائق والراكب قابلة للضبط في أربعة أوضاع.

لقد تم تزويد Wagoneer بمساند رأس يدوية رباعية الاتجاهات، كما تم تزويد Grand Wagoneer بمساند رأس رباعية الاتجاهات عاملة بالطاقة مع أجنحة قابلة للضبط.

إذا كانت سيارتك مزودة بمساند رأس أمامية يدوية، لرفع مسند الرأس، فاضغط على زر الضبط الموجود على الجانب الأيسر من مسند الرأس، واسحب مسند الرأس إلى الأعلى. لخفض مسند الرأس، اضغط على زر الضبط، ثم اضغط على مسند الرأس إلى الأسفل.

المقاعد المسخنة - إذا كانت السيارة مزودة بذلك

تحذير!
• الأشخاص غير القادرين على تحمل وجود ألم بالجلد بسبب كبر السن أو المرض المزمن أو الإصابة بمرض السكري أو إصابة العمود الفقري أو تناول الأدوية أو التعب الشديد أو أي حالة بدنية أخرى، على كل هؤلاء توخي الحرص عند استخدام جهاز تدفئة المقعد. فقد يتعرض هؤلاء لحروق حتى مع انخفاض درجات الحرارة، وخصوصًا عند استخدامه لفترات مطولة. • لا تضع أي متعلقات على ظهر المقعد والتي قد تمثل عازلاً للحرارة، مثل بطانية أو وسادة. فقد يؤدي ذلك إلى زيادة سخونة جهاز تدفئة المقعد. إن الجلوس على مقعد درجة حرارته أعلى من الحد قد تؤدي إلى حروق خطيرة بسبب لدرجة حرارة سطح المقعد الزائدة.

المقاعد المسخنة الأمامية

توجد أزرار التحكم في المقاعد المسخنة الأمامية على جوانب الراديو أو ضمن نظام Uconnect. يمكنك الوصول إلى مفاتيح التحكم من خلال شاشة Climate (درجة الحرارة).

- اضغط على زر المقعد المسخن مرة واحدة لتشغيل الإعداد HI (عالٍ).
- اضغط على زر المقعد المسخن مرة ثانية لتشغيل الإعداد MED (متوسط).
- اضغط على زر المقعد المسخن مرة ثالثة لتشغيل الإعداد LO (منخفض).
- اضغط على زر المقعد المسخن مرة رابعة لإيقاف تشغيل عناصر التسخين.

يمكن تشغيل عناصر التسخين في ظهر المقعد فقط أو في وسادة المقعد فقط أو في كليهما. اضغط على صورة المقعد على شاشة اللمس أو اضغط على زر منطقة المقعد الموجود على جانب الراديو للتنقل عبر مناطق المقعد هذه. سيضيء مؤشر LED بجوار المنطقة (المناطق) المحددة. إذا كانت السيارة مزوّدة بأزرار شاشة اللمس، فسيتم تمييز المناطق المحددة على صورة المقعد.

ملاحظة:

- ويمكن الشعور بالحرارة بمجرد اختيار إعداد تسخين في غضون دقيقتين إلى خمس دقائق.
- يجب أن يكون المحرك في وضع التشغيل لكي تعمل المقاعد المسخنة.
- سيظل مستوى السخونة المحدد في وضع التشغيل حتى يقوم المشغل بتغييره.

للمزيد من المعلومات حول استخدام نظام بدء التشغيل عن بُعد, انظر ⇦ صفحة ٢٦.

المقاعد الخلفية المسخنة - إذا كانت السيارة مزودة بذلك

قد يتم تجهيز المقعدين الطرفيَين في الصف الثاني بمقاعد مسخنة. هناك مفتاحان للمقاعد المسخنة يسمحان لركاب المقعد الخلفي بتشغيل المقاعد كل على حدة. تقعد مفاتيح المقعد المسخن لكل جهاز تدفئة في مؤخرة الكونسول المركزي.

إذا كانت السيارة مزوّدة بشاشة عرض الراحة والملاءمة الخلفية، يمكن تحديد إعدادات المقعد المسخن في شاشة العرض ⇦ صفحة ٧٣.

يمكنك الاختيار من إعدادات التسخين HI (عالٍ) أو MED (متوسط) أو LO (منخفض) أو OFF (إيقاف التشغيل). تضيء أضواء المؤشر في كل مفتاح بحيث تشير إلى مستوى الحرارة المستخدم.

- اضغط على مفتاح المقعد المسخن مرة واحدة لتشغيل الإعداد HI (عالٍ).
- اضغط على مفتاح المقعد المسخن مرة ثانية لتشغيل الإعداد MED (متوسط).
- اضغط على مفتاح المقعد المسخن مرة ثالثة لتشغيل الإعداد LO (منخفض).
- اضغط على مفتاح المقعد المسخن مرة رابعة لإيقاف تشغيل عناصر التسخين.

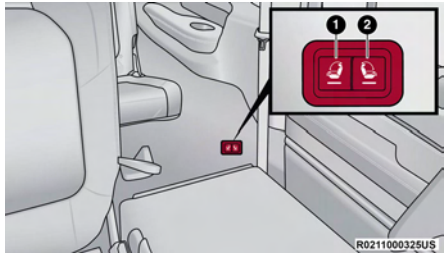
سيظل مستوى السخونة المحدد في وضع التشغيل حتى يقوم المشغل بتغييره.

ملاحظة:

يجب أن يكون المحرك في وضع التشغيل لكي تعمل المقاعد المسخنة.

المقاعد المزودة بالتهوية - إذا كانت السيارة مزودة بذلك

حيث توجد مراوح في وسادة المقعد وظهر المقعد تعمل على سحب الهواء من مقصورة الركاب وتقوم بتحريك الهواء من خلال فتحات في غطاء المقعد للمساعدة على تهوية الراكب في درجات الحرارة العالية المحيطة.



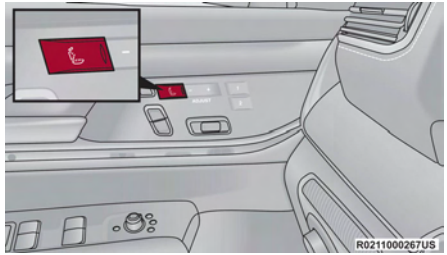
مفاتيح الطي الكهربي بالقائم C (الجانب الأيسر موضح)

1 — طي/بسط الجانب الأيسر للصف الثالث
2 — طي/بسط الجانب الأيمن للصف الثالث

تدليك المقعد العامل بالطاقة — إذا كانت السيارة مزوّدة بذلك

في طُرز Grand Wagoneer، قد يكون مقعدا السائق والراكب الأمامي مزوّدين بالتدليك العامل بالطاقة.

يمكن تشغيل/إيقاف تشغيل ميزة التدليك بالمقعد من خلال زر التدليك الموجود على لوحة الباب بالقرب من المقبض أو من خلال قائمة Controls (مفاتيح التحكم) على شاشة الراديو.



زر Door Panel Massage (تدليك لوحة الباب)

بمجرد تنشيطها بأي من الطريقتين، سيتم عرض شاشة مفاتيح التحكم في التدليك على شاشة عرض الراحة والملاءمة الأمامية ⇦ صفحة ٦٨، أو على شاشة عرض نظام Uconnect القياسية في حال تخزين شاشة عرض الراحة والملاءمة الأمامية. يمكن تحديد "Massage Type" (نوع التدليك) و"Intensity Level" (مستوى الشدة) للمقعد الذي تم تنشيطه.

هناك أربعة مستويات من الشدة وخمسة أنواع من التدليك يمكن تحديدها.

مستويات الشدة:

- High (عالية)
- Med (متوسطة)
- Low (منخفضة)
- Off (إيقاف التشغيل)

أنواع التدليك:

- من أعلى لأسفل
- أسفل الظهر
- تمديد
- ممتد سفلي
- تسلق الصخور

ستتم مزامنة نوع التدليك وحالة مستوى الشدة بين شاشة عرض نظام Uconnect الرئيسية وشاشة عرض الراحة والملاءمة الأمامية.

سيتم حفظ الإعدادات المحددة في ذاكرة النظام عند إيقاف تشغيله، وستُستأنف في المرة التالية التي يتم فيها تشغيل النظام.

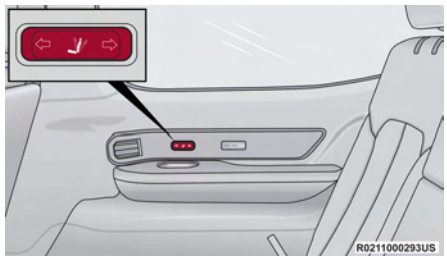
ملاحظة:

- بالنسبة إلى السيارات المزوّدة بميزة الظهر/الوسادة القابلة للتحديد في مقاعد التدليك، يمكن إلغاء تحديد ميزة التدليك إما لظهر المقعد أو لوسادة المقعد. إذا تم إلغاء تحديد كلا الخيارين، فسيتم إيقاف تشغيل التدليك.
- يجب أن يكون المحرك قيد التشغيل حتى تعمل ميزة التدليك العاملة بالطاقة في ظهر المقعد.
- سيتم إيقاف تشغيل ميزة التدليك بعد 20 دقيقة من الاستخدام. ومع ذلك، إذا تم تغيير نوع التدليك أو مستوى الشدة، فستتم إعادة ضبط المؤقت.

تنبيه!
لا تضع أي شيء تحت المقاعد العاملة بالطاقة أو أي شيء يعيق حركتها فقد يسبب ذلك عطلاً في أجهزة التحكم بالمقعد. وقد تصبح حركة المقعد محدودة إذا توقف بواسطة عائق يعترض طريقه.

الإمالة العاملة بالطاقة للصف الثالث - إذا كانت السيارة مزودة بذلك

إذا كانت السيارة مزوّدة بذلك، يوجد مفتاح الإمالة العاملة بالطاقة لمقاعد الصف الثالث في لوحة الكسوة بجوار المقعد. يضبط هذا المفتاح زاوية ظهر المقعد للأمام/للخلف لتوفير الراحة للراكب.



مفتاح الإمالة العاملة بالطاقة للصف الثالث

يمكن ضبط زاوية ظهر المقعد للأمام أو للخلف. اضغط مطولاً على الزر للأمام أو للخلف. سوف يتحرك المقعد في اتجاه الضغط على الزر. حرر الزر عند الوصول إلى الوضع المطلوب.

ظهور المقاعد التي يتم طيها كهربيًا في المقعد الخلفي - إذا كانت السيارة مزودة بذلك

يوجد مفتاح مقعد الطي الكهربي بلمسة واحدة في لوحة الكسوة الخلفية اليمنى داخل منطقة الحمولة كجزء من صف المفاتيح.

يتيح صف المفاتيح أوضاع طي كهربي متعددة لمقاعد الصفين الثاني والثالث.

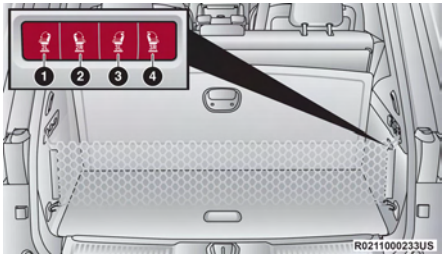
يمكن طي مقاعد الصف الثاني باستخدام هذه المفاتيح، بينما يمكن طي الصف الثالث أو إلغاء طيه.

ملاحظة:

قد تتداخل أحزمة أمان مقاعد الصف الثالث مع الطي الكهربائي للمقعد. ضع سير الحزام خلف مشبك التخزين قبل تخزين المقعد أو فتحه. عندما يكون المقعد في الوضع المطلوب، قم بإزالة الحزام من مشبك التخزين لكي يكون جاهزًا للاستخدام. لا تترك حزام الأمان في مشبك التخزين أبدًا عند استخدامه لتثبيت أحد الركاب.

ملاحظة:

- سيتم خفض مساند الرأس بصورة أوتوماتيكية حسب الحاجة عندما يبدأ المقعد العامل بالطاقة في التحرك ⇦ صفحة ٥٠.
- كما يمكن خفض مسند الرأس يدويًا باستخدام شريط السحب الموجود على ظهر المقعد.

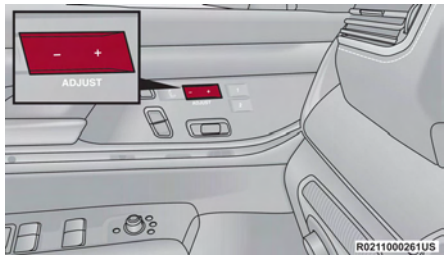


صف المفاتيح الكهربية على اللوحة الخلفية

1 — طي الجانب الأيسر للصف الثاني
2 — طي الجانب الأيمن للصف الثاني
3 — طي/بسط الجانب الأيسر للصف الثالث
4 — طي/بسط الجانب الأيمن من الصف الثالث

توجد أيضًا مفاتيح الطي الكهربي لمقاعد الصف الثالث على القائم C (خلف الأبواب الخلفية مباشرةً على لوحات الكسوة).

توجد مفاتيح ضبط دعامة أسفل الظهر العاملة بالطاقة في الطراز Grand Wagoneer في كسوة الباب. يمكن استخدام المفتاحين (+) و(–) لضبط دعامة أسفل الظهر للداخل/للخارج ولأعلى/لأسفل. يمكن أيضًا ضبط دعامة أسفل الظهر العاملة بالطاقة مباشرةً من شاشة عرض الراحة والملاءمة الأمامية أو شاشة عرض نظام Uconnect.



مفاتيح ضبط دعامة أسفل الظهر العاملة بالطاقة في الطراز Grand Wagoneer

عند الضغط إما على مفتاح (+) أو (–)، ستتغير شاشة عرض الراحة والملاءمة الأمامية إلى قائمة المقعد. سيتم الاحتفاظ بآخر عنصر محدد للمقعد من مسند أسفل الظهر للداخل/للخارج، أو مسند أسفل الظهر لأعلى/لأسفل، أو وسادة الظهر أو وسادة الفخذ. حدد نوع الضبط المطلوب، ثم اضغط على المفتاح (+) أو (–) للضبط.

ملاحظة:

إذا كانت شاشة عرض الراحة والملاءمة الأمامية في وضع التخزين، فسيتم عرض قائمة Seat (المقعد) على شاشة عرض نظام Uconnect الرئيسية.

مقعد الدخول/الخروج السهل — إذا كانت السيارة مزوّدة بذلك

توفر هذه الميزة أوضاع مقعد سائق أوتوماتيكية لتسهيل حرية حركة السائق عند الدخول والخروج من السيارة.

تعتمد المسافة التي يتحركها مقعد السائق على الموضع الذي تركت عليه مقعد السائق عند وضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل).

- عند وضع مفتاح تشغيل السيارة في وضع OFF (إيقاف التشغيل)، سيتحرك مقعد السائق لمسافة 6 سم (2.4 بوصة) تقريبًا إلى الخلف إذا كان وضع مقعد السائق على بُعد أكبر من أو يساوي 7 سم (2.7 بوصة) أمام المصد الخلفي. يعود المقعد إلى الوضع المضبوط عليه مسبقًا عند وضع مفتاح تشغيل السيارة في وضع ON/RUN (التشغيل/الانطلاق).
- يتم تعطيل ميزة الدخول الميسر/الخروج الميسر عندما يكون مقعد السائق على مسافة أقل من 2.3 سم (0.9 بوصة) أمام المصد الخلفي. فعند هذا الوضع لا تظهر فائدة للسائق من تحريك المقعد للدخول أو الخروج السهل.

عند تمكينها في Uconnect Settings (إعدادات Uconnect)، يتم تخزين مواضع Easy Entry (الدخول السهل) وEasy Exit (الخروج السهل) في كل ملف شخصي من ملفات إعداد الذاكرة ⇦ صفحة ٣٦.

ملاحظة:

لا يتم تمكين ميزة الدخول والخروج السهل عند تسلمك للسيارة من المصنع. يتم تمكين ميزة الدخول السهل/الخروج السهل أو تعطيلها من خلال الميزات القابلة للبرمجة في نظام Uconnect ⇦ صفحة ٢٠٣.

الضبط الكهربائي للمقاعد الخلفية — إذا كانت السيارة مزوّدة بذلك

تحذير!

- قد يشكل ضبط المقعد أثناء القيادة خطرًا. فقد يؤدي تحريك المقعد أثناء القيادة إلى فقدان السيطرة مما قد يتسبب في حدوث تصادم وإصابات خطيرة أو الوفاة.
- يجب ضبط المقاعد قبل ربط أحزمة الأمان وخلال توقف السيارة. قد تحدث الإصابة أو الوفاة نتيجة لسوء ضبط حزام الأمان.
- لا تقد السيارة وظهر المقعد مائل إلى الوراء بشكل يمنع استقرار حزام الكتف حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة خطيرة أو الوفاة.
- لا تضع سير حزام الأمان خلف مشبك تخزين الصف الثالث عند استخدام حزام الأمان لتثبيت أحد الركاب. لن يتم وضع حزام الأمان بشكل صحيح على الراكب وقد يتعرض إلى إصابة بالغة نتيجة لذلك عند وقوع حادث.

تحذير!

- قد يشكل ضبط المقعد أثناء القيادة خطرًا. فقد يؤدي تحريك المقعد أثناء القيادة إلى فقدان السيطرة مما قد يتسبب في حدوث تصادم وإصابات خطيرة أو الوفاة.
- يجب ضبط المقاعد قبل ربط أحزمة الأمان وخلال توقف السيارة. قد تحدث الإصابة أو الوفاة نتيجة لسوء ضبط حزام الأمان.
- لا تقد السيارة وظهر المقعد مائل إلى الوراء بشكل يمنع استقرار حزام الكتف حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة خطيرة أو الوفاة.

تنبيه!

لا تضع أي شيء تحت المقاعد العاملة بالطاقة أو أي شيء يعيق حركتها فقد يسبب ذلك عطلاً في أجهزة التحكم بالمقعد. وقد تصبح حركة المقعد محدودة إذا توقف بواسطة عائق يعترض طريقه.

ضبط وسادة المقعد العامل بالطاقة — إذا كانت السيارة مزوّدة بذلك

في طُرز Grand Wagoneer، يمكن تمديد ظهر مقعد السائق والراكب الأمامي ووسائد المقعد إلى الخارج أو ضمها إلى الداخل باستخدام مفتاحي الضبط (+) و(–) الموجودين على لوحة الباب. يمكن أيضًا ضبط الوسائد مباشرةً من شاشة عرض الراحة والملاءمة الأمامية أو شاشة عرض نظام Uconnect.

اضغط على المفتاح (+) لتمديد الوسائد، أو اضغط على المفتاح (–) لضم الوسائد.

مفاتيح ضبط وسادة المقعد

عند الضغط إما على مفتاح (+) أو (–)، ستتغير شاشة عرض الراحة والملاءمة الأمامية إلى قائمة المقعد. سيتم الاحتفاظ بآخر عنصر محدد للمقعد من مسند أسفل الظهر للداخل/للخارج، أو مسند أسفل الظهر لأعلى/لأسفل، أو وسادة الظهر أو وسادة الفخذ. حدد نوع الضبط المطلوب، ثم اضغط على المفتاح (+) أو (–) للضبط.

ملاحظة:

إذا كانت شاشة عرض الراحة والملاءمة الأمامية في وضع التخزين، فستظهر قائمة Seat (المقعد) في شاشة عرض نظام Uconnect الرئيسية.

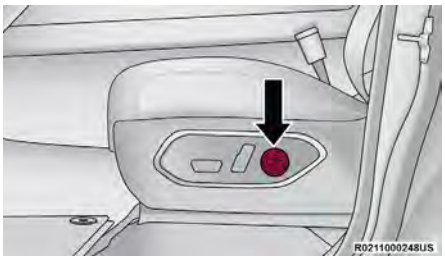
مُمدِّد الوسادة — إذا كانت السيارة مزوّدة بذلك

في طُرز Grand Wagoneer، يمكن تمديد الوسادة إلى الأمام لبضع بوصات (سنتيمترات) لزيادة دعم الفخذ. ادفع مفتاح إطالة الوسادة إلى الأمام أو الخلف لتمديد الوسادة أو سحبها. حرر المقبض عند الوصول إلى الوضع المطلوب.

دعامة أسفل الظهر العاملة بالطاقة — إذا كانت السيارة مزوّدة بذلك

قد تكون مقاعد السائق والراكب الأمامية مزودة بإمكانية ضبط دعامة أسفل الظهر العاملة بالطاقة.

يوجد مفتاح دعامة أسفل الظهر العاملة بالطاقة في الطراز Wagoneer على الجانب الخارجي من المقعد العامل بالطاقة. ادفع المفتاح للأمام لزيادة دعم أسفل الظهر. ادفع المفتاح للخلف لتقليل دعم أسفل الظهر. يؤدي دفع المفتاح للأعلى أو الأسفل إلى زيادة أو خفض موضع الدعم.

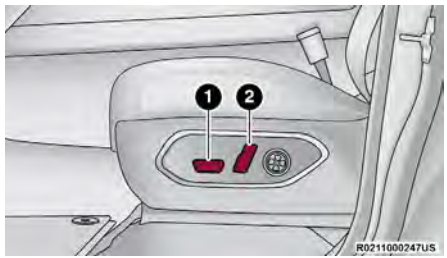


مفتاح ضبط دعامة أسفل الظهر العاملة بالطاقة في الطراز Wagoneer

تحذير!
المقعد الاستقرار المناسب لمقاعد الأطفال و/أو الركاب. فقد يتسبب إغلاق وسادة المقعد بشكل غير مناسب في إصابة خطيرة.

المقاعد الأمامية القابلة للتعديل كهربائياً - إذا كانت السيارة مزودة بذلك

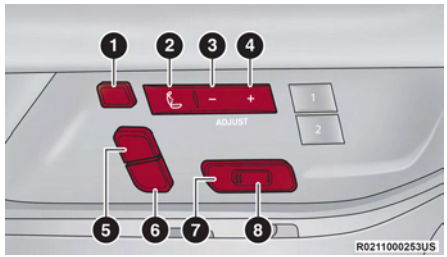
ستكون طُرز Wagoneer مزوّدة بمقاعد عاملة بالطاقة يمكن ضبطها في 6 أوضاع أو 8 أوضاع للسائق والراكب الأمامي. تقع أزرار ضبط المقعد العامل بالطاقة في الجانب الخارجي من المقعد. ثمة مفتاحان يتحكمان في حركة وسادة المقعد وظهر المقعد.



مفاتيح المقعد العامل بالطاقة في Wagoneer

1 - مفتاح المقعد
2 - مفتاح ظهر المقعد

ستكون طُرز Grand Wagoneer مزوّدة بمقاعد عاملة بالطاقة يمكن ضبطها في 20 وضعًا للسائق والراكب الأمامي. توجد مفاتيح المقعد العامل بالطاقة على لوحتي باب السائق والراكب الأمامي بالقرب من مقابض الأبواب. وتتحكم هذه المفاتيح في حركة وسادة المقعد وظهر المقعد.



مفاتيح المقعد العامل بالطاقة في Grand Wagoneer

1 — مفتاح ضبط مسند الرأس الأمامي
2 — مفتاح التدليك العامل بالطاقة
3 — مفتاح خفض وسادة الظهر/الفخذ ودعامة أسفل الظهر
4 — مفتاح رفع وسادة الظهر/الفخذ ودعامة أسفل الظهر
5 — مفتاح ظهر المقعد العلوي
6 — مفتاح إمالة ظهر المقعد
7 — مفتاح المقعد (وظائف متعددة)
8 — مفتاح تمديد الوسادة

ضبط المقعد للأمام أو الخلف

يمكن ضبط المقعد للأمام أو للخلف. اضغط على مفتاح المقعد للأمام أو للخلف. سيتحرك المقعد في اتجاه المفتاح. حرر المقبض عند الوصول إلى الوضع المطلوب.

ضبط المقعد لأعلى أو لأسفل

يمكن ضبط ارتفاع المقاعد لأعلى أو لأسفل. اسحب الجزء الخلفي من مفتاح المقعد لأعلى أو ادفعه لأسفل، وسيتحرك المقعد في اتجاه المفتاح. حرر المقبض عند الوصول إلى الوضع المطلوب.

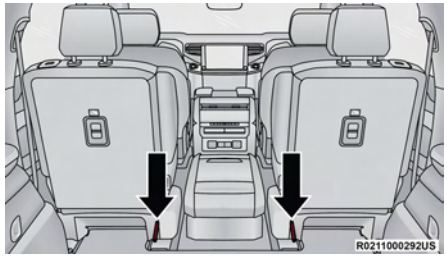
إمالة المقعد إلى أعلى أو إلى أسفل

يمكن ضبط زاوية وسادة المقعد في اتجاهين. اسحب لأعلى أو ادفع لأسفل من أمام مفتاح المقعد، وستتحرك مقدمة وسادة المقعد في اتجاه المفتاح. حرر المقبض عند الوصول إلى الوضع المطلوب.

إمالة ظهر المقعد

يمكن ضبط زاوية ظهر المقعد للأمام أو للخلف. ادفع مفتاح إمالة ظهر المقعد للأمام أو للخلف، وسيتحرك المقعد في اتجاه المفتاح. حرر المفتاح عند الوصول إلى الوضع المطلوب.

بالنسبة إلى طُرز Grand Wagoneer، يمكن أيضًا ضبط زاوية ظهر المقعد العلوي للأمام أو للخلف. ادفع مفتاح المقعد العلوي للأمام أو للخلف، وسيتحرك المقعد في اتجاه المفتاح. حرر المفتاح عند الوصول إلى الوضع المطلوب.



أشرطة الطوارئ

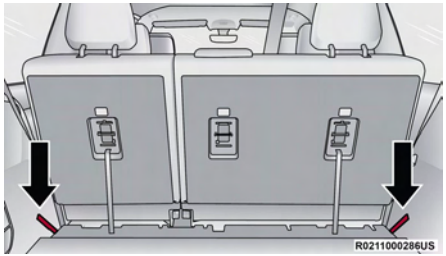
اسحب أشرطة الطوارئ لطي مقعد الصف الثاني بشكل مسطح.

الطي اليدوي للصف الثالث - إذا كانت السيارة مزودة بذلك

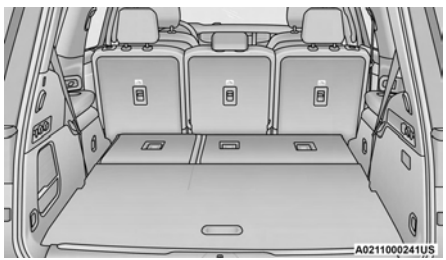
يمكن طي كلا مقعدي الصف الثالث بشكل مسطح لزيادة منطقة الحمولة. لخفض أي من المقعدين، اسحب أشرطة التحرير الموجودة على كلا جانبي منطقة الحمولة الخلفية، بالقرب من أسفل المقعد.

ملاحظة:

يجب أن تكون مقاعد الصف الثاني في وضع الاستقامة الكامل، أو مطوية بشكل مسطح عند طي مقاعد الصف الثالث.

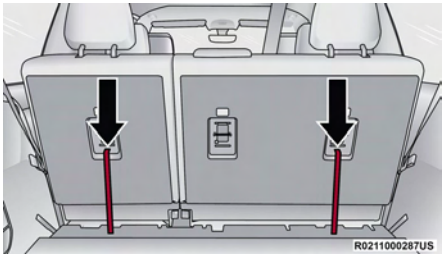


أشرطة التحرير



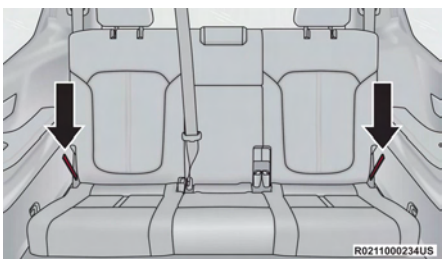
مقاعد الصف الثالث مطوية

لرفع المقعد، اسحب ظهر المقعد لأعلى وادفع للخلف لتثبيته في موضعه. يمكنك أيضًا استخدام أشرطة الإرجاع الموجودة في منطقة الحمولة الخلفية، على ظهر المقعد.



أشرطة الإرجاع

لإمالة المقعد، اسحب أشرطة الإمالة، الموجودة على جانبي المقعد.



أشرطة الإمالة

تحذير!
تأكد من إحكام قفل ظهر المقعد بكامله في موضعه. إذا لم يكن ظهر المقعد محكم القفل في موضعه، فلن يوفر

(تابع)

تحذير!
لا تقد السيارة وظهر المقعد مائل إلى الوراء بشكل يمنع استقرار حزام الكتف حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة خطيرة أو الوفاة.

مقاعد القائد في الصف الثاني القابلة للطي بشكل مسطح

يمكن طي أظهر مقاعد الصف الثاني بشكل مسطح لتحميل الحمولة.

ملاحظة:

قبل طي المقعد الخلفي، قد يكون من الضروري وضع المقعد الأمامي في موضع منتصف المسار خاصة إذا كان المقعد مزوّدًا بنظام الترفيه في المقعد الخلفي. وتأكد أيضًا من وجود المقاعد الأمامية في الوضع العمودي وللأمام. وهو الأمر الذي يسمح بطي المقعد الخلفي بسهولة.

اسحب لأعلى على ذراع الإمالة الموجود على الجانب الخارجي من كل مقعد في الصف الثاني، ودع ظهر المقعد يطوى للأمام أوتوماتيكيًا.

مقعد القائد في الصف الثاني مطوي بشكل مسطح

لرفع المقاعد الخلفية

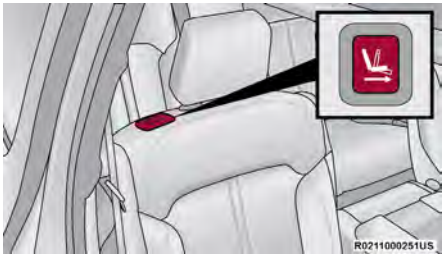
قم بطي أظهر المقاعد إلى أعلى إلى وضعها الأصلي، وثبتها في مكانها.

تحذير!
تأكد من إحكام قفل ظهر المقعد بكامله في موضعه. إذا لم يكن ظهر المقعد محكم القفل في موضعه، فلن يوفر المقعد الاستقرار المناسب لمقاعد الأطفال و/أو الركاب. فقد يتسبب إغلاق وسادة المقعد بشكل غير مناسب في إصابة خطيرة.

مقعد القائد في الصف الثاني الذي يُسهّل الوصول إلى الصف الثالث

يمكن تحريك مقاعد القائد في الصف الثاني إلى الأمام للسماح للركاب بالوصول إلى مقاعد الصف الثالث بسهولة.

اضغط على زر الدخول الميسر الموجود على الجانب الخارجي من ظهر المقعد. بمجرد الضغط عليه، سيميل المقعد بالكامل إلى الأمام، مما يسمح بتحريك المقعد إلى الأمام.



زر الدخول الميسر لمقعد القائد

لإعادة المقعد إلى أحد أوضاع الجلوس، ادفع ظهر المقعد للخلف حتى يثبت المقعد.

أشرطة الطوارئ

في حال فقدان السيارة للطاقة، لن تعمل أزرار الدخول الميسر. توجد أشرطة الطوارئ في الجزء الخلفي لمقاعد الصف الثاني الطرفية للسماح لركاب الصف الثالث بطي المقاعد بشكل مسطح يدويًا للخروج من السيارة.

تحذير!
تأكد من إحكام قفل ظهر المقعد بكامله في موضعه. إذا لم يكن ظهر المقعد محكم القفل في موضعه، فلن يوفر المقعد الاستقرار المناسب لمقاعد الأطفال و/أو الركاب. فقد يتسبب إغلاق وسادة المقعد بشكل غير مناسب في إصابة خطيرة.

مقعد الصف الثاني الطويل الذي يُسهّل الوصول إلى الصف الثالث

يمكن تحريك مقاعد الصف الثاني الطويلة إلى الأمام للسماح للركاب بالوصول إلى مقاعد الصف الثالث بسهولة.

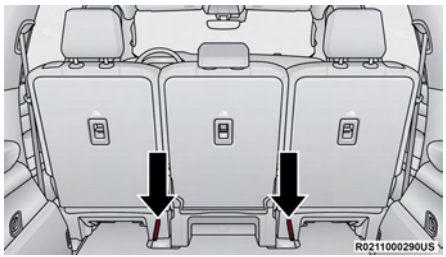
اضغط على زر الدخول الميسر الموجود على الجانب الخارجي من ظهر المقعد. بمجرد الضغط عليه، سيميل المقعد إلى الأمام، مما يسمح بتحريك المقعد إلى الأمام.

زر الدخول الميسر للمقعد الطويل

لإعادة المقعد إلى أحد أوضاع الجلوس، ادفع ظهر المقعد للخلف حتى يثبت المقعد.

أشرطة الطوارئ

في حال فقدان السيارة للطاقة، لن تعمل أزرار الدخول الميسر. توجد أشرطة الطوارئ في الجزء الخلفي لمقاعد الصف الثاني الطرفية للسماح لركاب الصف الثالث بطي المقاعد بشكل مسطح يدويًا للخروج من السيارة.



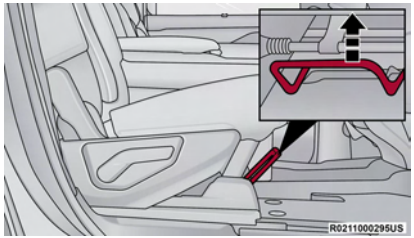
أشرطة الطوارئ

اسحب أشرطة الطوارئ لطي مقعد الصف الثاني بشكل مسطح.

مقاعد القائد في الصف الثاني - إذا كانت السيارة مزودة بذلك

ضبط مقاعد القائد في الصف الثاني للأمام/للخلف

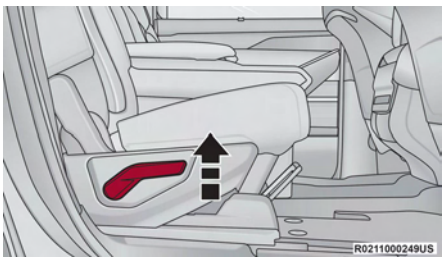
ارفع قضيب الضبط الموجود أمام المقعد الموجود بالقرب من الأرضية وحرره عندما يكون المقعد في الوضع المطلوب. وباستعمال ضغط جسمك، تحرك إلى الأمام والخلف وأنت جالس على المقعد للتأكد من تثبيت المقعد بإحكام.



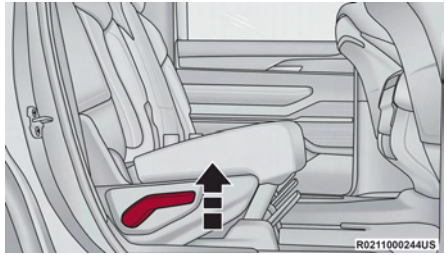
قضيب ضبط المقعد الخلفي

ضبط إمالة مقاعد القائد في الصف الثاني

لإمالة المقعد، تحرك قليلاً إلى الأمام وارفع الذراع الموجود على الجانب الخارجي من المقعد. ادفع بعد ذلك المقعد إلى الخلف إلى الوضع المطلوب وحرر الذراع.
لإرجاع ظهر المقعد إلى وضعه العادي، تحرك إلى الأمام وارفع الذراع. للتأكد من تثبيت ظهر المقعد، استخدم ضغط الجسم للتحرك إلى الأمام والخلف.

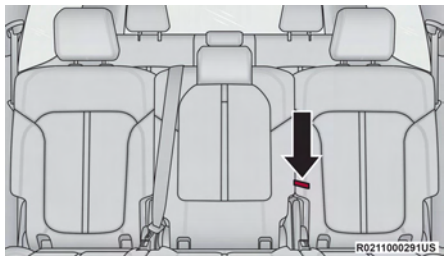


ذراع إمالة المقعد الخلفي



ذراع إمالة المقعد الخلفي

لإمالة المقعد الأوسط، اسحب شريط الإمالة الموجود على ظهر المقعد، وحرّك للأمام أو للخلف حسب الحاجة. حرر الشريط عند الوصول إلى وضع المقعد المطلوب.



شريط إمالة المقعد الأوسط

تحذير!

لا تقد السيارة وظهر المقعد مائل إلى الوراء بشكل يمنع استقرار حزام الكتف حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة خطيرة أو الوفاة.

مقعد الصف الثاني الطويل القابل للطي بشكل مسطح

لتوفير منطقة تخزين إضافية، يمكن طي كل مقعد خلفي بشكل مسطح. ويسمح ذلك بتوسيع مساحة التخزين مع الاستمرار في الإبقاء على سعة لمواضع الجلوس الخلفية.

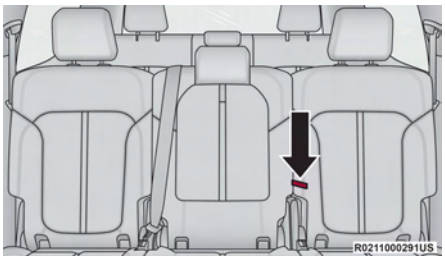
ملاحظة:

قبل طي المقعد الخلفي، قد يكون من الضروري وضع المقعد الأمامي في موضع منتصف المسار خاصة إذا كان المقعد مزوّدًا بنظام الترفيه في المقعد الخلفي. وتأكد أيضًا من وجود المقاعد الأمامية في الوضع العمودي وللأمام. وهو الأمر الذي يسمح بطي المقعد الخلفي بسهولة.

لخفض ظهر المقعد، اسحب لأعلى على ذراع الإمالة الموجود على الجانب الخارجي من المقعد، واترك ظهر المقعد يُطوى إلى الأمام أوتوماتيكيًا.

مقعد الصف الثاني الطويل مطوي بشكل مسطح

لخفض ظهر المقعد الأوسط، اسحب شريط الإمالة الموجود على الجانب الأيسر لظهر المقعد، واترك ظهر المقعد يُطوى إلى الأمام أوتوماتيكيًا.



شريط إمالة المقعد الأوسط

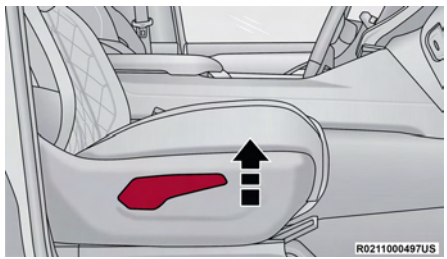
لرفع ظهر المقعد، قم بطي ظهر المقعد إلى أعلى حتى موضعه الأصلي واقفله في هذا الوضع.

تحذير!

- قد يشكل ضبط المقعد أثناء القيادة خطرًا. فقد يؤدي تحريك المقعد أثناء القيادة إلى فقدان السيطرة مما قد يتسبب في حدوث تصادم وإصابات خطيرة أو الوفاة.
- يجب ضبط المقاعد قبل ربط أحزمة الأمان وخلال توقف السيارة. قد تحدث الإصابة أو الوفاة نتيجة لسوء ضبط حزام الأمان.

ضبط ظهر مقعد الراكب الأمامي يدويًا — الإمالة

لإمالة المقعد، تحرك قليلاً إلى الأمام وارفع الذراع الموجود على الجانب الخارجي من المقعد. ادفع بعد ذلك المقعد إلى الخلف إلى الوضع المطلوب وحرر الذراع. لإرجاع ظهر المقعد إلى وضعه العادي، تحرك إلى الأمام وارفع الذراع. للتأكد من تثبيت ظهر المقعد، استخدم ضغط الجسم للتحرك إلى الأمام والخلف.



ذراع الإمالة

تحذير!

لا تقد السيارة وظهر المقعد مائل إلى الوراء بشكل يمنع استقرار حزام الكتف حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة خطيرة أو الوفاة.

الضبط اليدوي للمقاعد الخلفية

تحذير!

لا تقم بتكديس الأمتعة أو الحمولة لتصل إلى موضع أعلى من ظهر المقعد. فقد يتسبب ذلك في حجب الرؤية أو يصبح أحد الأمتعة جسمًا مندفعًا خطرًا عند التوقف المفاجئ أو حدوث تصادم.

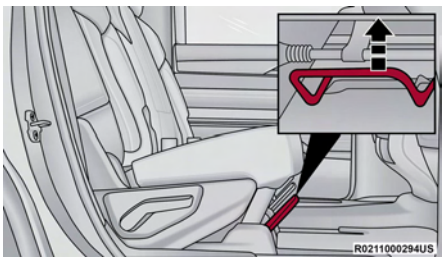
ملاحظة:

قد يحدث تشوه في طي وسادة المقعد من أبازيم حزام الأمان إذا تم طي المقاعد لفترة طويلة من الوقت. هذا الأمر طبيعي، وبمرور الوقت سوف تعود وسادة المقعد إلى الشكل الطبيعي وذلك بفرد المقاعد ببساطة إلى وضع الفتح.

مقعد الصف الثاني الطويل - إذا كانت السيارة مزوّدة بذلك

ضبط مقعد الصف الثاني الطويل للأمام/للخلف

ارفع قضيب الضبط الموجود أمام المقعد الموجود بالقرب من الأرضية وحرره عندما يكون المقعد في الوضع المطلوب. وباستعمال ضغط جسمك، تحرك إلى الأمام والخلف وأنت جالس على المقعد للتأكد من تثبيت المقعد بإحكام.



قضيب ضبط المقعد الخلفي

ضبط إمالة مقعد الصف الثاني الطويل

لإمالة المقعد، تحرك قليلاً إلى الأمام وارفع الذراع الموجود على الجانب الخارجي من المقعد. ادفع بعد ذلك المقعد إلى الخلف إلى الوضع المطلوب وحرر الذراع. لإرجاع ظهر المقعد إلى وضعه العادي، تحرك إلى الأمام وارفع الذراع. للتأكد من تثبيت ظهر المقعد، استخدم ضغط الجسم للتحرك إلى الأمام والخلف.

ملاحظة:

يمكن إلغاء ربط حافظات المفاتيح من إعدادات الذاكرة في جانب السائق عن طريق الضغط على زر الذاكرة (1) أو (2) لمدة ثانيتين أو أكثر ثم تحريره، ثم في غضون 10 ثوان، الضغط مطولاً على زر إلغاء القفل في حافظة المفاتيح.

استعادة وضع الذاكرة

ملاحظة:

تتوفر ميزة استدعاء الذاكرة عندما لا تكون في وضع PARK (التوقف) إذا كانت سرعة السيارة أقل من 8 كم/ساعة (5 أميال/الساعة).

- لاستدعاء إعدادات ذاكرة باستخدام مفاتيح الذاكرة، اضغط على زر الذاكرة (1) أو (2) الموجود على مفتاح الذاكرة.
- لاستدعاء إعدادات الذاكرة في جانب السائق باستخدام حافظة المفاتيح، اضغط على زر إلغاء القفل على حافظة المفاتيح المرتبطة بموضع الذاكرة 1 أو 2.

ويمكن إلغاء طلب الاستعادة بالضغط على أي زر من أزرار الذاكرة أثناء الاستعادة أو عن طريق الضغط على أي مفتاح من مفاتيح ضبط المقعد. وعند إلغاء طلب الاستعادة، يتوقف المقعد وعمود التوجيه القابل للإمالة/الإطالة والتقصير عن الحركة. سيحدث تأخر لمدة ثانية واحدة قبل اختيار أي عملية إعادة استدعاء أخرى.

المقاعد

تعد المقاعد جزءًا من نظام تثبيت الركاب بالسيارة.

تحذير!

- يعتبر الجلوس في منطقة الحمولة في الداخل أو الخارج عند سير السيارة خطيرًا جدًا. ففي حالات الاصطدام من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابات خطيرة أو مميتة.
- لا تسمح لأي شخص بالجلوس في أماكن لا تحتوي على أحزمة أمان أو مقاعد. ففي حالات الاصطدام من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابات خطيرة أو مميتة.
- تأكد من جلوس جميع الركاب في المقاعد واستعمالهم لأحزمة الأمان بصورة صحيحة.

الضبط اليدوي للمقاعد الأمامية - إذا كانت السيارة مزوّدة بذلك

تحذير!

- إن ضبط المقعد أثناء قيادة السيارة يعرضك للخطر. لأن الحركة المفاجئة للمقعد يمكن أن تؤدي إلى فقدان السيطرة على السيارة. وقد لا يكون حزام الأمان مربوطًا بصورة صحيحة مما يمكن أن يؤدي إلى إصابتك. اضبط المقعد أثناء وقوف السيارة فقط.

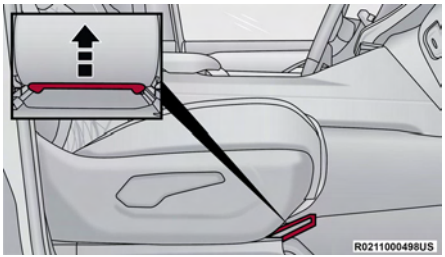
(تابع)

تحذير!

- لا تقد السيارة وظهر المقعد مائل إلى الوراء بشكل يمنع استقرار حزام الكتف حول صدرك. فمن الممكن أن تنزلق من تحت حزام الأمان عند وقوع تصادم مما يؤدي إلى إصابات خطيرة أو مميتة. استخدم أداة الإمالة فقط عند وقوف السيارة.

ضبط مقعد الراكب الأمامي للخلف/للأمام يدويًا

يتم تزويد بعض الطُرز بمقعد راكب أمامي يُضبط يدويًا. يمكن ضبط مقعد الراكب للأمام أو الخلف باستخدام قضيب موجود بجوار مقدمة وسادة المقعد، وبالقرب من الأرضية.



قضيب الضبط

أثناء ضبط المقعد، ارفع القضيب الموجود تحت وسادة المقعد وحرك المقعد للأمام أو الخلف. حرر القضيب عند الوصول للموضع المطلوب. وباستعمال ضغط جسمك، تحرك إلى الأمام والخلف وأنت جالس على المقعد للتأكد من تثبيت المقعد بإحكام.

ملاحظة:

- سيارتك مزودة بحافظتي مفاتيح، ويمكن ربط كل منها بوضع الذاكرة 1 أو 2 في جانب السائق.
- لا يمكن ربط إعدادات ذاكرة الراكب الأمامي بحافظة المفاتيح.

برمجة ميزة الذاكرة

لإنشاء نموذج ذاكرة جديد، قم بما يلي:

ملاحظة:

يؤدي حفظ نموذج ذاكرة جديد إلى مسح النموذج المحدد من الذاكرة.

Wagoneer

1. أدر مفتاح التشغيل في السيارة إلى وضع ON/RUN (التشغيل/الانطلاق) (لا تقم بتشغيل المحرك).
2. اضبط جميع إعدادات وضع نموذج الذاكرة إلى التفضيلات المطلوبة (أي المقعد والمرآة الجانبية وعمود التوجيه القابل للإمالة والإطالة والتقصير كهربائيًا ومحطات الراديو المضبوطة سلفًا).
3. اضغط على زر الضبط (S) الموجود على مفتاح الذاكرة، ثم حرره.
4. خلال خمس ثوان اضغط على أحد زري الذاكرة (1) أو (2) ثم حرره. تشير شاشة عرض مجموعة أجهزة القياس إلى وضع الذاكرة الذي تم ضبطه.

Grand Wagoneer

1. أدر مفتاح التشغيل في السيارة إلى وضع ON/RUN (التشغيل/الانطلاق) (لا تقم بتشغيل المحرك).
2. اضبط جميع إعدادات وضع نموذج الذاكرة إلى التفضيلات المطلوبة (أي المقعد والمرآة الجانبية وعمود التوجيه القابل للإمالة والإطالة والتقصير كهربائيًا ومحطات الراديو المضبوطة سلفًا).
3. اضغط على زر الذاكرة (1) أو (2) لمدة ثانيتين أو أكثر. تشير شاشة عرض مجموعة أجهزة القياس إلى وضع الذاكرة الذي تم ضبطه.

ملاحظة:

يمكن ضبط أوضاع الذاكرة دون الحاجة إلى أن تكون السيارة في وضع التوقف، لكن سرعة السيارة يجب أن تكون أقل من 8 كم/ساعة (5 أميال/ساعة) كي تتمكن من استدعاء وضع الذاكرة.

ربط وإلغاء ربط حافظة مفاتيح بالذاكرة

يمكن برمجة حافظات المفاتيح لاستدعاء أحد وضعي الذاكرة المحفوظين في جانب السائق.

ملاحظة:

قبل برمجة حافظة المفاتيح، يجب اختيار ميزة "Personal Settings Linked To Key Fob" (الإعدادات الشخصية المرتبطة بحافظة المفاتيح) من خلال إعدادات Uconnect ⇦ صفحة ٢٠٣.

لبرمجة حافظات المفاتيح، قم بالإجراء التالي:

Wagoneer

1. اضبط مفتاح تشغيل السيارة على وضع OFF (إيقاف التشغيل).
2. اختر وضع الذاكرة المطلوب في جانب السائق، من الوضعين 1 أو 2.
3. بمجرد استدعاء الوضع، اضغط على زر S (الضبط) الموجود على مفتاح الذاكرة وحرره.
4. في غضون خمس ثوان، اضغط على زر (1) أو (2) وحرره. يتم عرض رسالة "Memory Profile Set" (تم ضبط نموذج الذاكرة) (النموذج 1 أو 2) في مجموعة أجهزة القياس.
5. اضغط على زر lock (القفل) بحافظة المفاتيح وحرره في غضون 10 ثوان.

ملاحظة:

يمكن إلغاء ربط حافظات المفاتيح بإعدادات الذاكرة في جانب السائق بالضغط على زر S (الضبط)، ثم الضغط، في غضون 10 ثوان، على زر unlock (إلغاء القفل) في حافظة المفاتيح.

Grand Wagoneer

1. اضبط مفتاح تشغيل السيارة على وضع OFF (إيقاف التشغيل).
2. استدع نموذج الذاكرة المطلوب 1 أو 2.
3. اضغط على زر الذاكرة (1) أو (2) (وفقًا للتحديد السابق) لمدة ثانيتين أو أكثر، ثم حرره.
4. اضغط مطولاً على زر القفل في حافظة المفاتيح في غضون 10 ثوان.

ملاحظة:

يجب أن يكون المحرك في وضع التشغيل لكي تعمل عجلة القيادة المسخنة.

للمزيد من المعلومات حول استخدام نظام بدء التشغيل عن بُعد, انظر ⇦ صفحة ٢٦.

تحذير!
• الأشخاص غير القادرين على تحمل وجود ألم بالجلد بسبب كبر السن أو المرض المزمن أو الإصابة بمرض السكر أو إصابة العمود الفقري أو تناول الأدوية أو التعب الشديد أو أي حالة بدنية أخرى، على كل هؤلاء توخي الحرص عند استخدام جهاز تدفئة عجلة القيادة. فقد يتعرض هؤلاء لحروق حتى مع انخفاض درجات الحرارة، وخصوصًا عند استخدامه لفترات مطولة. • لا تضع أي متعلقات على عجلة القيادة والتي قد تمثل عازلاً للحرارة، مثل بطانية أو أغطية عجلة القيادة من أي نوع أو مادة. حيث قد يؤدي ذلك إلى زيادة سخونة جهاز تدفئة عجلة القيادة.

إعدادات الذاكرة للسائق والراكب - إذا كانت السيارة مزوّدة بذلك

تتيح هذه الميزة للسائق، وللراكب الأمامي كذلك إذا كانت السيارة مزودة بذلك، أن يحفظ ما يصل إلى وضعي ذاكرة مختلفين للاستدعاء السريع من خلال مفتاح ذاكرة. يحفظ كل نموذج ذاكرة إعدادات الوضع المطلوبة للميزات التالية:

جانب السائق

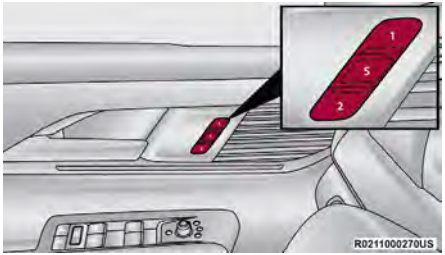
- موضع المقعد
- مقعد الدخول/الخروج السهل (إذا كانت السيارة مزوّدة بذلك)
- المرايا الجانبية
- عمود التوجيه القابل للإمالة والإطالة والتقصير كهربائيًا
- الدواسات القابلة للضبط العاملة بالطاقة (إذا كانت السيارة مزوّدة بذلك)
- مجموعة من محطات الراديو المطلوبة مسبقة الضبط

جانب الراكب (إذا كانت السيارة مزودة بذلك)

- موضع المقعد

توجد مفاتيح إعدادات الذاكرة في ألواح الباب الأمامي، بجوار مقبض الباب، وتتكون من زرين أو ثلاثة أزرار، وفقًا لمستوى الكسوة:

- الزران (1) و(2) المستخدمان لاستدعاء أي من نموذجي الذاكرة المحفوظين
- زر الضبط (S) (في طُرز Wagoneer فقط)، المستخدم لتنشيط وظيفة حفظ الذاكرة



أزرار إعدادات الذاكرة في الطراز Wagoneer

أزرار إعدادات الذاكرة في الطراز Grand Wagoneer

تحذير!
تجنب احتجاز أي شخص داخل السيارة عند وقوع تصادم. تذكر أنه يمكن فتح الأبواب الخلفية من الخارج فقط عند تشغيل (قفل) أقفال حماية الأطفال.

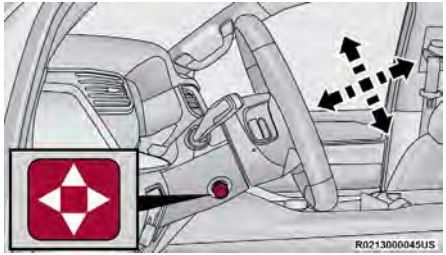
ملاحظة:

استخدم هذا الجهاز دائمًا عند حمل الأطفال. بعد تعشيق قفل الأطفال في البابين الخلفيين، تحقق من كفاءة التعشيق عن طريق محاولة فتح أحد الأبواب باستخدام المقبض الداخلي. بمجرد تعشيق نظام قفل الأبواب لحماية الأطفال، يستحيل فتح الأبواب من داخل السيارة. قبل الخروج من السيارة، احرص على التحقق من عدم ترك أي شخص بالداخل.

عجلة القيادة

الطاقة عمود التوجيه القابل للإمالة/الإطالة والتقصير

تتيح لك هذه الميزة إمالة عمود التوجيه لأعلى أو لأسفل. كما تتيح إطالة أو تقصير عمود التوجيه. يقع مفتاح التحكم في عمود التوجيه القابل للإطالة والتقصير والإمالة كهربيًا أسفل الذراع المتعدد الوظائف الموجود على عمود التوجيه.



موقع عمود التوجيه القابل للإمالة/الإطالة والتقصير كهربيًا

استخدم مفتاح التحكم الرباعي الاتجاه لضبط عمود التوجيه.

ملاحظة:

في السيارات المزوّدة بإعدادات الذاكرة للسائق، استخدم حافظة المفاتيح أو مفتاح الذاكرة على لوحة كسوة باب السائق لإرجاع عمود التوجيه القابل للإمالة/الإطالة والتقصير إلى الأوضاع المحفوظة ⇦ صفحة ٣٦.

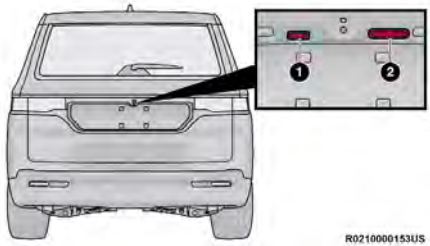
تحذير!
لا تضبط عمود التوجيه أثناء القيادة. إن ضبط عمود التوجيه أثناء القيادة أو القيادة مع إلغاء قفل عمود التوجيه قد يتسبب في فقدان السائق القدرة على التحكم في السيارة. يترتب على عدم اتباع هذا التحذير حدوث إصابات خطيرة أو الوفاة.

عجلة قيادة مسخنة- إذا كانت مجهزة بذلك

تحتوي عجلة القيادة على عنصر تسخين للمساعدة على تدفئة يديك أثناء الطقس البارد. وتوجد ثلاثة إعدادات درجة حرارة لعجلة القيادة المسخنة. بمجرد تشغيل عجلة القيادة المسخنة، ستظل في وضع التشغيل حتى يقوم المشغل بإيقاف تشغيلها. قد لا يتم تشغيل عجلة القيادة المسخنة عندما تكون دافئة بالفعل.

يوجد زر التحكم في عجلة القيادة المسخنة على الجانب الأيسر من شاشة الراديو، أو ضمن نظام Uconnect. يُمكنك الوصول إلى زر التحكم الموجود في الجانب العلوي الأيسر من الشاشة عن طريق الضغط على مفاتيح التحكم في درجة الحرارة التي توفر قائمة منسدلة سريعة تحتوي على مفاتيح التحكم، أو من خلال شاشة مفاتيح التحكم في شاشة اللمس. إذا لم تكن سيارتك مزوّدة بالزر على جانب الراديو، يمكنك أيضًا الوصول إلى زر التحكم من خلال شاشة درجة الحرارة.

- اضغط على زر عجلة القيادة المسخنة مرة واحدة لتشغيل الإعداد HI (عالٍ).
- اضغط على زر عجلة القيادة المسخنة مرة ثانية لتشغيل الإعداد MED (متوسط).
- اضغط على زر عجلة القيادة المسخنة مرة ثالثة لتشغيل الإعداد LO (منخفض).
- اضغط على زر عجلة القيادة المسخنة مرة رابعة لإيقاف تشغيل عناصر التسخين.



الدخول من باب المؤخرة

1 — زر قفل الدخول غير النشط
2 — مقبض تحرير باب المؤخرة الإلكتروني

لقفل باب المؤخرة

مع وجود حافظة مفاتيح مزودة بنظام دخول غير نشط صالحة ضمن مسافة 1.5 متر (5 أقدام) من باب المؤخرة، اضغط على زر قفل الدخول غير النشط الموجود على مقبض باب المؤخرة الخارجي.

ملاحظة:

سيؤدي زر قفل نظام الدخول غير النشط بباب المؤخرة إلى قفل جميع الأبواب وباب المؤخرة.

إلغاء القفل الأوتوماتيكي للأبواب عند الخروج

سيتم إلغاء قفل الأبواب بصورة أوتوماتيكية في السيارات المزوّدة بأقفال أبواب عاملة بالطاقة بعد تسلسل الإجراءات التالي:

1. يتم تمكين ميزة إلغاء القفل الأوتوماتيكي للأبواب عند الخروج من إعدادات Uconnect ⇦ صفحة ٢٠٣.
2. إغلاق جميع الأبواب.
3. محدد التروس ليس في وضع PARK (التوقف)، ثم في وضع PARK (التوقف).
4. أحد الأبواب مفتوح.

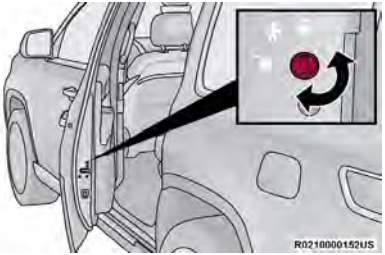
أقفال الأبواب الأوتوماتيكية — إذا كانت السيارة مزودة بذلك

الحالة الافتراضية لميزة قفل الأبواب الأوتوماتيكية مُمكنة. عند تمكين هذه الميزة، ستعمل أقفال الأبواب على قفل الأبواب أوتوماتيكيًا عندما تتجاوز سرعة السيارة 24 كم/ساعة (15 ميلاً/ساعة). يقوم الوكيل المعتمد بتمكين ميزة القفل الأوتوماتيكي للأبواب أو تعطيلها بموجب طلب كتابي من العميل. يُرجى مراجعة الوكيل المعتمد لطلب الخدمة.

نظام قفل الأبواب لحماية الأطفال - الأبواب الخلفية

لحماية الأطفال الجالسين في المقاعد الخلفية تم تزويد الأبواب الخلفية بنظام قفل الأبواب لحماية الأطفال.

لاستخدام النظام، افتح كلاً من البابين الخلفيين، واستخدم مفكًا ذا شفرة مسطحة (أو مفتاح الطوارئ) وأدر القرص إلى وضع القفل أو إلغاء القفل. عند تعشيق النظام في أحد الأبواب؛ يمكن فتح هذا الباب فقط بواسطة مقبض الباب الخارجي حتى إذا كان قفل الباب الداخلي في وضع إلغاء القفل.



وظيفة قفل الأبواب لحماية الأطفال

ملاحظة:

- عندما يتم تشغيل نظام قفل الأبواب لحماية الأطفال، فإنه لا يمكن فتح الباب إلا عن طريق مقبض الباب الخارجي فقط حتى لو كان قفل الباب بداخل السيارة في وضع إلغاء القفل.
- بعد فصل نظام قفل الباب لحماية الأطفال، قم دائمًا باختبار الباب من الداخل للتأكد من وجوده في وضع إلغاء القفل.
- بعد استخدام نظام قفل الأبواب لحماية الأطفال، اختبر الباب من الداخل دائمًا للتأكد من وجوده في وضع القفل.

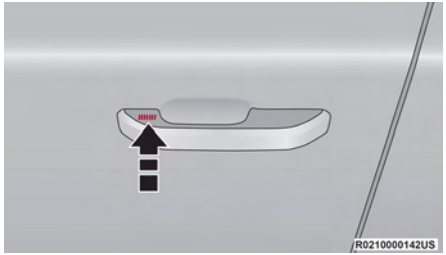
ملاحظة:

سوف تقوم السيارة فقط بإلغاء قفل الأبواب عندما يتم اكتشاف وجود حافظة مفاتيح مزودة بنظام دخول غير نشط داخل السيارة. لن تقوم السيارة بإلغاء قفل الأبواب في حالة حدوث أي من الحالات التالية:

- تم قفل الأبواب يدويًا باستخدام ذراع القفل في حالة الطوارئ.
- تم إجراء ثلاث محاولات لقفل الأبواب باستخدام مفتاح لوحة الباب ثم تم إغلاق الأبواب.
- توجد حافظة مفاتيح مزودة بنظام دخول غير نشط صالحة خارج السيارة ضمن مسافة 5 أقدام (1.5 متر) من أي من مقابض أبواب الدخول غير النشط.

لقفل أبواب السيارة وباب المؤخرة

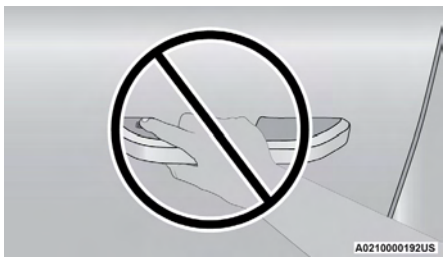
باستخدام إحدى حافظات المفاتيح المزودة بنظام الدخول غير النشط الخاصة بالسيارة ضمن مسافة 1.5 متر (5 أقدام) من أي من مقابض الأبواب التي تدعم الدخول غير النشط، المس رمز القفل الموجود على مقبض الباب لقفل كل أبواب السيارة الأربعة وباب المؤخرة.



المس رمز قفل مقبض الباب للقفل

ملاحظة:

لا تمسك بمقبض الباب عند لمس رمز القفل. حيث سيؤدي ذلك إلى إلغاء قفل الباب (الأبواب).



لا تقم بإمساك مقبض الباب عندما يكون مقفلاً

ملاحظة:

- بعد لمس رمز القفل بمقبض الباب، يجب الانتظار لمدة ثانيتين قبل أن تتمكن من قفل الأبواب أو إلغاء قفلها، باستخدام أي مقبض من مقابض باب الدخول غير النشط. ويتم هذا لكي تتمكن من التحقق مما إذا تم قفل السيارة أم لا، وذلك عن طريق سحب مقبض الباب من دون إلغاء قفل السيارة.
- في حال تعطيل الدخول غير النشط باستخدام Uconnect Settings (إعدادات Uconnect)، تظل حماية حافظة المفاتيح الواردة وصفها في "المفتاح المدمج للزر الذي يتم استخدامه كثيرًا (الحافظة ذات المفتاح المدمج (FOBIK) الآمنة)" نشطة/عاملة.
- ولن يعمل نظام الدخول غير النشط في حالة نفاد شحنة بطارية حافظة مفاتيح.

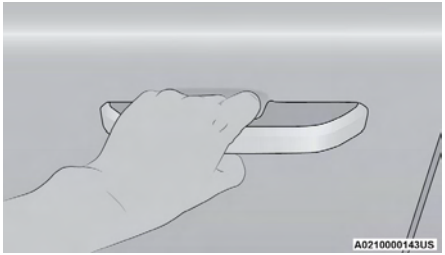
لإلغاء قفل/دخول باب المؤخرة

تكون ميزة إلغاء قفل نظام الدخول غير النشط لباب المؤخرة مدمجة في زر تحرير باب المؤخرة الإلكتروني. مع وجود حافظة مفاتيح مزوّدة بنظام دخول غير نشط صالحة ضمن مسافة 1.5 متر (5 أقدام) من باب المؤخرة، اضغط على مقبض تحرير باب المؤخرة الإلكتروني للفتح العامل بالطاقة في السيارات المزوّدة بباب مؤخرة عامل بالطاقة. اضغط على زر باب المؤخرة الإلكتروني وارفعه بالنسبة للسيارات المزوّدة بباب مؤخرة يدوي.

- يبدأ إلغاء قفل الدخول غير النشط بتشغيل أضواء الاقتراب (الأضواء المنخفضة، ومصباح لوحة الأرقام، وأضواء وضع التوقف، أضواء جيب مقبض الباب [إذا كانت السيارة مزودة بذلك]) للمدة المضبوطة فيما بين 0 أو 30 أو 60 أو 90 ثانية. كما يعمل إلغاء قفل الدخول غير النشط أيضًا على وميض إشارات الانعطاف مرتين.
- في حال ارتدائك لقفازين، أو في حال هطول الأمطار/الجليد، أو في حال وجود ملح/أوساخ على مقبض باب الدخول غير النشط، قد تتأثر حساسية القفل وإلغاء القفل، ما يؤدي إلى بطء وقت الاستجابة.
- قد يتم قفل الأبواب وإلغاء قفلها عند رش المياه على مقابض أبواب الدخول غير النشط، إذا كانت حافظة المفاتيح موجودة خارج السيارة ضمن مسافة 1.5 متر (5 أقدام) من المقبض.
- يُطلق قفل الدخول غير النشط صافرة آلة تنبيه واحدة وومضة واحدة لإشارات الانعطاف. يمكن تشغيل برمجة هذه الإعدادات أو إيقاف تشغيلها من داخل إعدادات نظام Uconnect ⇦ صفحة ٢٠٣.
- في حال إلغاء قفل السيارة بواسطة نظام الدخول غير النشط وعدم فتح أي باب في غضون 60 ثانية، ستتم إعادة قفل السيارة وتنشيط نظام الأمان فيها (إذا كانت السيارة مزوّدة بذلك).

لإلغاء القفل من جانب السائق أو الراكب

باستخدام حافظة مفاتيح صالحة مزودة بنظام الدخول غير النشط ضمن مسافة 1.5 متر (5 أقدام) من مقبض الباب، أمسك المقبض لإلغاء قفل السيارة. سيؤدي الإمساك بمقبض باب السائق إلى إلغاء قفل باب السائق أوتوماتيكيًا. يؤدي الإمساك بمقبض باب الراكب الأمامي (أو بمقبض خلفي عندما تكون السيارة مزودة بالدخول غير النشط الرباعي الأبواب) إلى إلغاء قفل جميع الأبواب وباب المؤخرة أوتوماتيكيًا.



أمسك مقبض الباب لإلغاء القفل

ملاحظة:

- عندما تمسك بمقبض باب السائق، سيتم إلغاء قفل إما باب السائق فقط أو كل الأبواب، وفقًا للإعداد المحدد في نظام Uconnect ⇦ صفحة ٢٠٣.
- يتم إلغاء قفل جميع الأبواب عند مسك مقبض باب الراكب الأمامي (أو الباب الخلفي عند توفر نظام الدخول غير النشط الرباعي الأبواب) بغض النظر عن الإعداد المفضل لإلغاء قفل باب السائق.

المفتاح المدمج للزر الذي يتم استخدامه كثيرًا (الحافظة ذات المفتاح المدمج (FOBIK - الآمنة)

لتقليل احتمالية قفل حافظة مفاتيح مزودة بنظام الدخول غير النشط بشكل غير متعمد داخل السيارة، تم تزويد نظام الدخول غير النشط بميزة إلغاء قفل الباب أوتوماتيكيًا التي تعمل إذا كان مفتاح التشغيل في وضع OFF (إيقاف التشغيل).

هناك خمس حالات تُشغِّل البحث عن الحافظة ذات المفتاح المدمج (FOBIK) الآمنة في أي سيارة مزوّدة بنظام الدخول غير النشط:

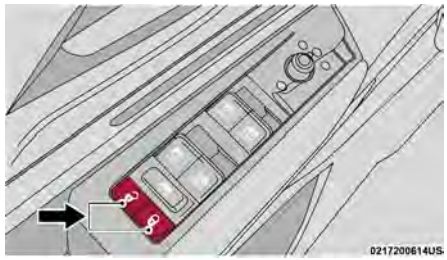
- يتم إجراء طلب قفل بواسطة حافظة مفاتيح مزودة بنظام الدخول غير النشط صالحة أثناء وجود باب مفتوح.
- يتم إجراء طلب قفل بواسطة مقبض باب الدخول غير النشط أثناء وجود باب مفتوح.
- يتم إجراء طلب قفل بواسطة مفتاح لوحة الباب أثناء وجود باب مفتوح.
- عندما يكون نظام أمان السيارة في حالة تنشيط مسبق أو تنشيط ويتحول باب المؤخرة من وضع الفتح إلى وضع الإغلاق.
- عندما يتحول باب المؤخرة من وضع الفتح إلى وضع الإغلاق ويكون بدء التشغيل عن بُعد نشطًا.

عند حدوث أي من هذه المواقف، بعد إغلاق جميع الأبواب المفتوحة، سيتم تنفيذ بحث الحافظة ذات المفتاح المدمج (FOBIK) الآمنة. إذا اكتشف حافظة مفاتيح مزودة بنظام دخول غير نشط داخل السيارة، فسيتم إلغاء قفل السيارة وتنبيه العميل.

طاقة أقفال الأبواب

توجد أزرار أقفال الأبواب العاملة بالطاقة على لوحة كل باب أمامي. استخدم هذه الأزرار لقفل كل الأبواب وباب المؤخرة وباب الوقود أو إلغاء قفلها.

عند قفل الأبواب، سيضيء ضوء مؤشر في زر القفل.



مفاتيح قفل الأبواب الكهربية

سيتم إلغاء قفل باب السائق أوتوماتيكيًا إذا تم اكتشاف حافظة المفاتيح داخل السيارة عند استخدام زر قفل الباب الموجود في لوحة الباب الأمامي لقفل الباب، ثم يتم إغلاق الباب. وستصدر آلة التنبيه إشارة صوتية أيضًا لتنبيه السائق. ستتم محاولة ذلك مرتين. وفي المحاولة الثالثة، سيتم قفل الأبواب حتى إن كانت حافظة المفاتيح بالداخل.

ملاحظة:

إذا كانت حافظة المفاتيح موجودة بجانب هاتف محمول أو كمبيوتر محمول أو أي جهاز إلكتروني آخر، فقد يتم حجب الإشارة اللاسلكية وقد لا يتم فتح قفل باب السائق أوتوماتيكيًا.

إذا تم الضغط على مفتاح قفل الباب أثناء وجود مفتاح التشغيل في الوضع ON/RUN (التشغيل/الانطلاق) مع فتح باب السائق، فلن يتم قفل الأبواب.

أقفال باب الراكب الخلفي العامل بالطاقة

توجد أزرار قفل الباب العامل بالطاقة على لوحة كسوة كل باب خلفي. اضغط على زر القفل لقفل الباب الخلفي أو اضغط على زر إلغاء القفل لإلغاء قفل الباب الخلفي.

الدرج الجانبي العامل بالطاقة - إذا كانت السيارة مزودة بذلك

يتم تمديد الدرج الجانبي العامل بالطاقة لتسهيل الدخول إلى السيارة والخروج منها.

عند تكوينه على الوضع "Auto" (أوتوماتيكي)، سيتم فرد الدرج الجانبي العامل بالطاقة عند فتح أي باب من الأبواب، وسيتم ضمه عند إغلاق الأبواب. يمكن تشغيل هذا الوضع أو إيقاف تشغيله باستخدام إعدادات Uconnect ⇦ صفحة ٢٠٣.

ملاحظة:

- عند تمكين الأدراج الجانبية العاملة بالطاقة في إعدادات نظام Uconnect، يمكن أيضًا تمديدها أو سحبها يدويًا بالضغط على زر Power Side Step (الدرج الجانبي العامل بالطاقة) في قائمة Controls (مفاتيح التحكم) في شاشة السيارة.
- إذا تجاوزت سرعة السيارة 8 كم/ساعة (5 أميال/الساعة)، فسيتم ضم الدرج.

ميزة الحركة والتشغيل من دون مفتاح — KEYLESS ENTER ‘N GO™ نظام الدخول غير النشط

نظام الدخول غير النشط هو عبارة عن تحسين تم إدخاله على نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) في السيارة وميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™. تتيح لك هذه الميزة قفل باب (أبواب) السيارة وإلغاء قفلها من دون الحاجة إلى الضغط على أزرار القفل أو إلغاء القفل بحافظة المفاتيح.

كذلك تم تزويد الأبواب الخلفية، إذا كانت السيارة مزودة بذلك، بإمكانيات الدخول غير النشط.

ملاحظة:

- يمكن برمجة الدخول غير النشط على وضع التشغيل/إيقاف التشغيل مِن خلال إعدادات Uconnect ⇦ صفحة ٢٠٣.
- قد لا يمكن اكتشاف حافظة المفاتيح بواسطة نظام الدخول غير النشط إذا كانت موجودة بجوار هاتف محمول، أو كمبيوتر محمول أو جهاز إلكتروني آخر؛ فقد تحجب هذه الأجهزة الإشارة اللاسلكية لحافظة المفاتيح وتمنع مقبض باب الدخول غير النشط من قفل/إلغاء قفل السيارة.

سريع). ستظل السيارة مقفلة ولكنها ستُعطِّل الإنذار في حالة تكرار الإنذارات الكاذبة بسبب الظروف المحيطة.

لقد تم تصميم نظام أمان السيارة لحماية سيارتك لكن من الممكن أن تنشأ بعض الحالات التي تؤدي إلى جعل إنذار أمان السيارة يصدر إنذارًا كاذبًا. إذا حصلت إحدى الحالات الوارد وصفها سابقًا، يتم تشغيل نظام أمان السيارة بغض النظر عن وجودك داخل السيارة أو خارجها. فإذا بقيت في السيارة وفتحت أحد الأبواب، يقوم النظام بإصدار صوت الإنذار. إذا حدث ذلك، فقم بتعطيل نظام أمان السيارة.

إذا كان نظام أمان السيارة نشطًا وتم فصل البطارية، فسوف يستمر عمل نظام أمان السيارة عند إعادة توصيل البطارية؛ وستومض المصابيح الخارجية وسيصدر صوت آلة التنبيه. إذا حدث ذلك، فقم بتعطيل نظام أمان السيارة.

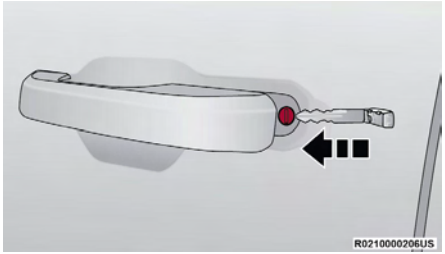
تجاوز نظام الأمان يدويًا

لا ينشط نظام أمان السيارة في حال قفل الأبواب باستخدام القفل اليدوي للأبواب أو ذراع القفل في حال الطوارئ ⇦ صفحة ٢٩.

الأبواب

يدوي أقفال الأبواب

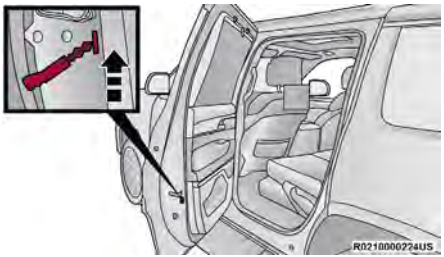
يمكن إلغاء قفل الأبواب الأمامية يدويًا من خلال سحب مقبض الباب الداخلي مرة واحدة. يمكن أيضًا إلغاء قفل/إلغاء قفل باب السائق يدويًا بإدخال مفتاح الطوارئ في أسطوانة القفل في مقبض الباب الخارجي.



قفل أسطوانة باب السائق

يمكن إلغاء قفل الأبواب الخلفية يدويًا من خلال سحب مقبض الباب الداخلي مرتين.

يمكن قفل كل الأبواب باستثناء باب السائق يدويًا بإدخال مفتاح الطوارئ في ذراع قفل الطوارئ وتحريك الذراع لأعلى. يوجد ذراع قفل الطوارئ على واجهة مزلاج الباب لكل باب.



ذراع قفل الطوارئ

ملاحظة:

- لا يمكن الوصول إلى ذراع قفل الطوارئ إلا عند فتح الباب.
- لن يتم تشغيل نظام أمان السيارة إذا تم قفل السيارة يدويًا.

تحذير!

- اقفل الأبواب دائمًا عند قيادة السيارة وعند إيقافها وكذلك عند مغادرتها من أجل الحفاظ على سلامتك الشخصية وتوفير الأمان لك في حالة وقوع تصادم.
- عند الخروج من السيارة، تأكد دومًا أن مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، وقم بإزالة حافظة المفاتيح من السيارة وقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. ومن ثمّ، يجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد التروس.
- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها (أو في مكان يتمكن الأطفال من الوصول إليه)، ولا تترك ميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ في وضع ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

إذا تسبب انتهاك المحيط في تنشيط نظام الأمان، فسينطلق صوت آلة التنبيه لمدة 29 ثانية وستومض المصابيح الخارجية ثم خمس ثوانٍ تقريبًا من عدم النشاط. سيستمر ذلك لثماني دورات إذا لم يتم اتخاذ إجراء لتعطيل النظام.

لتنشيط النظام

اتبع هذه الخطوات لتنشيط نظام الأمان:

1. إذا كانت أي أبواب أو نوافذ أو فتحة السقف (إذا كانت السيارة مزوّدة بذلك) مفتوحة، فأغلقها.
2. تأكد من أن نظام تشغيل السيارة في وضع "OFF" (إيقاف التشغيل).
3. نفذ واحدة من الطرق التالية لقفل السيارة:
   - اضغط على زر القفل الموجود بمفتاح قفل الأبواب العاملة بالطاقة الداخلي عندما يكون باب السائق و/أو الراكب مفتوحًا.
   - اضغط على زر القفل الموجود على المقبض الخارجي لباب الدخول غير النشط مع وجود حافظة مفاتيح في نفس المنطقة الخارجية ⇦ صفحة ٣١.
   - اضغط على زر القفل الموجود في حافظة المفاتيح.

ملاحظة:

- عندما يكون مستشعر الحركة الداخلي نشطًا، فإنه يكتشف الحركة داخل السيارة، بما في ذلك الأشياء المتحركة (مثل الأشخاص والحيوانات الأليفة) والتيارات الهوائية من خلال النوافذ المفتوحة أو فتحة السقف. يجب إغلاق النوافذ وفتحة السقف، ويجب عدم ترك الأشياء المتحركة في السيارة عندما يكون اكتشاف الاقتحام نشطًا، وإلا فقد تصدر إنذارات كاذبة.
- وبمجرد تنشيط نظام الأمان، فإنه يظل في هذه الحالة حتى تقوم بإلغاء تنشيطه عن طريق اتباع أي من إجراءات إلغاء التنشيط المذكورة. إذا حدث فقدان للطاقة بعد تنشيط النظام، فيجب إلغاء تنشيط النظام بعد استعادة الطاقة لمنع تشغيل الإنذار.
- يقوم مستشعر حالة التسلل العامل بالموجات فوق الصوتية (مكتشف الحركة) بمراقبة السيارة بصورة فعالة في كل مرة تقوم فيها بتنشيط نظام أمان السيارة. يمكنك إيقاف تشغيل مستشعر التسلل العامل بالموجات فوق الصوتية عند تنشيط نظام أمان السيارة إذا كنت تفضل ذلك. للقيام بذلك، اضغط على زر القفل على حافظة المفاتيح ثلاث مرات في خلال 15 ثانية من تنشيط النظام (أثناء وميض ضوء أمان السيارة بشكل سريع). ستظل السيارة مقفلة ولكنها ستُعطِّل الإنذار في حالة تكرار الإنذارات الكاذبة بسبب الظروف المحيطة.

لإلغاء تنشيط النظام

يمكن إلغاء تنشيط إنذار الأمان في السيارة باتباع أي من الطرق التالية:

- اضغط على زر إلغاء القفل على حافظة المفاتيح.
- أمسك مقبض باب الدخول غير النشط لإلغاء قفل الباب ⇦ صفحة ٣١.
- قم بتبديل نظام تشغيل السيارة خارج وضع OFF (إيقاف التشغيل) بالضغط على زر START/STOP (بدء التشغيل/إيقاف التشغيل) (يتطلب وجود حافظة مفاتيح صالحة واحدة على الأقل في السيارة).

ملاحظة:

- لا يمكن تشغيل نظام إنذار أمان السيارة أو إيقاف تشغيله بواسطة أسطوانة مفتاح باب السائق وزر باب المؤخرة الموجود في حافظة المفاتيح.
- يظل نظام أمان السيارة قيد التشغيل أثناء الدخول من باب المؤخرة العامل بالطاقة. في حال استخدام حافظة مفاتيح صالحة أو نظام الدخول غير النشط لفتح باب صندوق الأمتعة، سيتم إيقاف استشعار الحركة حتى بعد إغلاق باب صندوق الأمتعة. في حال تسلل شخص ما إلى السيارة المفتوحة من خلال باب صندوق الأمتعة وقام بفتح أحد الأبواب، فإن صوت جهاز الإنذار سينطلق.
- عند تشغيل نظام أمان السيارة، لن تقوم مفاتيح أقفال الأبواب العاملة بالطاقة الداخلية بفتح الأبواب.
- يقوم مستشعر حالة التسلل العامل بالموجات فوق الصوتية (مكتشف الحركة) بمراقبة السيارة بصورة فعالة في كل مرة تقوم فيها بتنشيط نظام أمان السيارة. يمكنك إيقاف تشغيل مستشعر التسلل العامل بالموجات فوق الصوتية عند تنشيط نظام أمان السيارة إذا كنت تفضل ذلك. للقيام بذلك، اضغط على زر القفل على حافظة المفاتيح ثلاث مرات في خلال 15 ثانية من تنشيط النظام (أثناء وميض ضوء أمان السيارة بشكل

- اضغط على زر القفل الموجود على المقبض الخارجي لباب الدخول غير النشط مع وجود حافظة مفاتيح صَالحة في نفس المنطقة الخارجية ⇦ صفحة ٣١.
- اضغط على زر القفل الموجود في حافظة المفاتيح.

3. إذا كان هناك أي من الأبواب مفتوحًا، فقم بإغلاقه.

عند تنشيط نظام أمان السيارة، يبدأ ضوء أمان السيارة (الموجود في القسم الأيمن السفلي من شاشة عرض مجموعة أجهزة القياس) في الوميض كل ثانيتين إلى أن يتم إلغاء تنشيطه.

ملاحظة:

- إذا تم تنشيط النظام من خلال الضغط على زر القفل على لوحة الباب الداخلية، فسيومض Vehicle Security Light (ضوء أمان السيارة) بشكل متكرر لمدة 15 ثانية تقريبًا بمجرد إغلاق الباب، ثم يقل الوميض حتى يحدث كل ثانيتين.
- لن يؤدي الضغط على زر القفل الموجود على مفاتيح قفل الأبواب العاملة بالطاقة الخلفية الداخلية إلى تشغيل نظام أمان السيارة.

لإلغاء تنشيط النظام

يمكن إلغاء تنشيط إنذار الأمان في السيارة باتباع أي من الطرق التالية:

- اضغط على زر إلغاء القفل على حافظة المفاتيح.
- أمسك مقبض باب الدخول غير النشط لإلغاء قفل الباب ⇦ صفحة ٣١.
- أدر مفتاح التشغيل من وضع إيقاف التشغيل لإيقاف تشغيل النظام.

ملاحظة:

- لا يمكن لأسطوانة قفل باب السائق تنشيط نظام أمان السيارة أو تعطيله. سيؤدي استخدام أسطوانة مفتاح الباب عندما يكون الإنذار قيد التشغيل إلى انطلاق صوت الإنذار عند فتح الباب.
- ويبقى نظام أمان السيارة قيد التشغيل عند فتح باب المؤخرة العامل بالطاقة باستخدام زر باب المؤخرة في حافظة المفاتيح. في حال تسلل أحد الأشخاص إلى السيارة عبر باب المؤخرة، ثم فتحه أحد الأبواب من الداخل، سينطلق صوت الإنذار.
- في حال استخدام نظام الدخول غير النشط (إذا كانت السيارة مزوّدة بذلك) لإلغاء قفل باب المؤخرة، يتم إيقاف تشغيل نظام أمان السيارة وتظل بقية أبواب السيارة مقفلة، ما لم يتم ضبط كل الأبواب على إلغاء القفل عند الضغطة الأولى من إعدادات Uconnect.
- عند تشغيل نظام أمان السيارة، لن تقوم مفاتيح أقفال الأبواب العاملة بالطاقة الداخلية بفتح الأبواب.

تم تصميم نظام أمان السيارة لحماية سيارتك. ومع ذلك فقد تواجه حالات يقوم فيها النظام بتقديم إنذار مزيف. إذا حصلت إحدى الحالات الوارد وصفها سابقًا، يتم تشغيل نظام أمان السيارة بغض النظر عن وجودك داخل السيارة أو خارجها. فإذا بقيت في السيارة وفتحت أحد الأبواب، يقوم النظام بإصدار صوت الإنذار. إذا حدث ذلك، فقم بتعطيل نظام أمان السيارة.

إذا كان نظام أمان السيارة نشطًا وتم فصل البطارية، فسوف يستمر عمل نظام أمان السيارة بعد إعادة توصيل البطارية وتومض المصابيح الخارجية وتصدر آلة التنبيه إشارة صوتية. إذا حدث ذلك، فقم بتعطيل نظام أمان السيارة.

إعادة تنشيط النظام

إذا أطلق شيء ما جهاز الإنذار ولم يتم اتخاذ إجراءٍ لإيقافه، فسوف يوقف نظام إنذار أمان السيارة تشغيل آلة التنبيه بعد دورة مدتها 29 ثانية (ولمدة خمس ثوانٍ بين الدورات وحتى ثماني دورات إذا ظل جهاز الإنذار نشطًا)، ثم سيقوم بإعادة تنشيط نفسه.

تجاوز نظام الأمان يدويًا

لا ينشط نظام أمان السيارة في حال قفل الأبواب باستخدام القفل اليدوي للأبواب أو ذراع القفل في حال الطوارئ ⇦ صفحة ٣٠.

نظام أمان السيارة المتميز - إذا كانت السيارة مزودة بذلك

يراقب نظام أمان السيارة المتميز الأبواب ومزلاج غطاء المحرك وباب المؤخرة لاكتشاف أي دخول غير مصرّح به ومفتاح التشغيل لكشف أي تشغيل غير مصرّح به. كما يضم النظام أيضًا مستشعر التسلل مزدوج الوظيفة ثنائية ومستشعر إمالة السيارة. يراقب مستشعر التسلل الجزء الداخلي للسيارة لاكتشاف الحركة. يراقب مستشعر إمالة السيارة وجود أي إجراءات إمالة للسيارة (السحب بعيدًا أو إزالة الإطار أو نقل على عبارة أو ما شابه).

ملاحظة:

يستمر تشغيل هذه الميزات خلال مدة Remote Start (بدء التشغيل عن بُعد) أو حتى يتم وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق). ستتغير إعدادات التحكم في درجة الحرارة وسيتم الخروج من الإعدادات الافتراضية الأوتوماتيكية إذا قام السائق بضبطها يدويًا عندما تكون السيارة في وضع Remote Start (بدء التشغيل عن بُعد). وذلك يشمل إيقاف تشغيل عناصر التحكم في درجة الحرارة باستخدام زر OFF (إيقاف التشغيل).

تنشيط بدء التشغيل عن بُعد لمزيل الثلوج عن ماسحة الزجاج الأمامي — إذا كانت السيارة مزوّدة بذلك

عندما يكون نظام بدء التشغيل عن بُعد نشطًا ودرجة الحرارة المحيطة الخارجية أقل من 0.6 درجة مئوية (33 درجة فهرنهايت)، سيتم تنشيط ميزة مزيل الثلوج عن ماسحة الزجاج الأمامي. سيؤدي الخروج من بدء التشغيل عن بُعد إلى استئناف العملية السابقة. إذا كانت ميزة مزيل الثلوج عن ماسحة الزجاج الأمامي نشطة، فستستمر العملية والموقت.

رسالة إلغاء نظام بدء التشغيل عن بُعد

سيتم عرض إحدى الرسائل التالية في شاشة عرض مجموعة أجهزة القياس إذا فشلت السيارة في بدء التشغيل عن بُعد أو في حال الخروج من وضع بدء التشغيل عن بُعد قبل اكتماله:

- Remote Start Canceled — Door Open (تم إلغاء بدء التشغيل عن بُعد — أحد الأبواب مفتوح)
- Remote Start Canceled — Hood Open (تم إلغاء بدء التشغيل عن بُعد — غطاء المحرك مفتوح)
- Remote Start Canceled — Liftgate Open (تم إلغاء بدء التشغيل عن بُعد — باب المؤخرة مفتوح)
- Remote Start Canceled — Fuel Low (تم إلغاء بدء التشغيل عن بُعد — مستوى الوقود منخفض)
- Remote Start Canceled — Time Expired (تم إلغاء بدء التشغيل عن بُعد — انتهى الوقت)
- Remote Start Canceled — System Fault (تم إلغاء نظام بدء التشغيل عن بُعد — عطل بالنظام)
- Remote Start Disabled — Start Vehicle to Reset (تم تعطيل نظام التشغيل عن بُعد - قم بتشغيل السيارة لإعادة الضبط)

تظل الرسالة في شاشة عرض مجموعة أجهزة القياس نشطة حتى يُدار مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

نظام أمان السيارة - إذا كانت السيارة مزودة بذلك

يراقب نظام أمان السيارة أبواب السيارة وغطاء المحرك وباب المؤخرة والتشغيل عبر ميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ لاكتشاف أي تشغيل غير مصرح به. عندما يكون نظام أمان السيارة نشطًا، يتم تعطيل المفاتيح الداخلية لأقفال الأبواب ومقبض تحرير باب المؤخرة. إذا أدى أي شيء إلى تنشيط الإنذار، فسيوفر نظام أمان السيارة الإشارات الصوتية والمرئية التالية:

- ينطلق صوت آلة التنبيه
- ستومض إشارات الانعطاف
- يومض ضوء أمان السيارة في لوحة أجهزة القياس

لتنشيط النظام

اتبع هذه الخطوات لتنشيط نظام أمان السيارة:

1. تأكد من إدارة مفتاح تشغيل السيارة على وضع OFF (إيقاف التشغيل).
   - بالنسبة للسيارات المزوّدة بنظام الدخول بدون مفتاح، تأكد من ضبط نظام تشغيل السيارة بدون مفتاح على وضع OFF (إيقاف التشغيل).
2. نفذ واحدة من الطرق التالية لقفل السيارة:
   - ادفع زر القفل الموجود على أحد مفاتيح قفل الأبواب العاملة بالطاقة الداخلية الأمامية عندما يكون باب السائق و/أو الراكب مفتوحًا.

سيوقف نظام بدء التشغيل عن بُعد تشغيل المحرك إذا تم الضغط على زر بدء التشغيل عن بُعد الموجود على حافظة المفاتيح، أو إذا تم ترك المحرك يدور لدورة مدتها 15 دقيقة كاملة. بمجرد أن يتم وضع الإشعال في وضع ON/RUN (التشغيل/الانطلاق)، ستستأنف مفاتيح التحكم في درجة الحرارة العمليات المضبوطة من قبل (مثل درجة الحرارة والتحكم في المروحة، إلخ).

ملاحظة:

- لتجنب إيقاف التشغيل دون قصد، سيتم تعطيل النظام لمدة ثانيتين بعد تلقي طلب بدء تشغيل عن بُعد صالح.
- بالنسبة إلى السيارات المزوّدة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter 'n Go™ — نظام الدخول غير النشط، سيتم عرض الرسالة "Remote Start Active — Push Start Button" (نظام بدء التشغيل عن بُعد نشط - اضغط على زر بدء التشغيل) في شاشة عرض مجموعة أجهزة القياس حتى تضغط على زر START/STOP (بدء التشغيل/الإيقاف).

تنشيط إزالة الصقيع الأمامي من خلال بدء التشغيل عن بُعد — إذا كانت السيارة مزودة بذلك

عند تنشيط بدء التشغيل عن بُعد، وعندما تكون درجة الحرارة المحيطة الخارجية 4.5 درجات مئوية (40 درجة فهرنهايت) أو أقل من ذلك، سيقوم النظام بتنشيط إزالة الصقيع الأمامية أوتوماتيكيًا لمدة 15 دقيقة أو أقل. يتوقف التوقيت على درجة الحرارة المحيطة. بمجرد أن ينتهي الموقت، سيقوم النظام بضبط الإعدادات أوتوماتيكيًا وفقًا للظروف المحيطة. انظر "أنظمة الراحة من خلال بدء التشغيل عن بُعد — إذا كانت السيارة مزودة بذلك" في القسم التالي لمعرفة العملية التفصيلية.

أنظمة الراحة لبدء التشغيل عن بُعد — إذا كانت السيارة مزوّدة بذلك

عند تنشيط بدء التشغيل عن بُعد، سيتم تشغيل إزالة الصقيع من الخلف بصورة أوتوماتيكية في ظروف الطقس البارد. سيتم تشغيل ميزة تدفئة عجلة القيادة وتدفئة مقعد السائق إذا تمت برمجتها في شاشة قائمة Comfort (الراحة) في إعدادات Uconnect ⇦ صفحة ٢٠٣. وفي الطقس الدافئ، يتم تشغيل ميزة مقعد السائق المزود بفتحات تهوية أوتوماتيكيًا عند تنشيط ميزة Remote Start (بدء التشغيل عن بُعد)، إذا تمت برمجتها من خلال شاشة قائمة Comfort (الراحة). ستقوم السيارة بضبط إعدادات التحكم في درجة الحرارة وفقًا لدرجة الحرارة المحيطة الخارجية.

ملاحظة:

إذا كانت السيارة مزودة بنظام التحكم الخلفي بدرجة الحرارة، فسيظل مطفأ للسماح بأداء مثالي للصف الأمامي.

نظام التحكم الأوتوماتيكي في درجة الحرارة (ATC) - إذا كانت السيارة مزودة بذلك

سيتم ضبط عناصر التحكم في درجة الحرارة على درجة الحرارة المثالية وإعدادات الوضع أوتوماتيكيًا وفقًا لدرجة الحرارة المحيطة الخارجية. سيحدث ذلك حتى يتم وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) حيث تسترد عناصر التحكم في درجة الحرارة إعداداتها السابقة.

نظام التحكم اليدوي في درجة الحرارة (MTC) - إذا كانت السيارة مزودة بذلك

- في درجات الحرارة المحيطة التي تبلغ 4.5 درجات مئوية (40 درجة فهرنهايت) أو أقل من ذلك، ستعود إعدادات درجة الحرارة بصورة افتراضية إلى أقصى حرارة، مع دخول الهواء النقي إلى الكابينة. إذا انتهى موقت إزالة الصقيع الأمامي، فستتحول السيارة إلى الوضع Mix (المختلط).
- في درجات الحرارة المحيطة من 4.5 درجات مئوية (40 درجة فهرنهايت) إلى 26 درجة مئوية (78 درجة فهرنهايت)، سوف تعتمد إعدادات درجة الحرارة على آخر إعدادات تم تحديدها بواسطة السائق.
- في درجات الحرارة المحيطة التي تبلغ 78 درجة فهرنهايت (26 درجة مئوية) أو أعلى، سوف تعود إعدادات درجة الحرارة بصورة افتراضية إلى MAX A/C (الحد الأقصى لتكييف الهواء) والوضع Bi-Level (ثنائي المستوى) و Recirculation On (تشغيل إعادة تدوير الهواء).

للحصول على مزيد من المعلومات حول التحكم الأوتوماتيكي في درجة الحرارة (ATC) والتحكم اليدوي في درجة الحرارة (MTC) وإعدادات التحكم في درجة الحرارة، راجع ⇦ صفحة ٦٨.

تحذير!

- لا تبدأ تشغيل المحرك في مرآب مغلق أو منطقة محكمة. يحتوي غاز العادم على أول أكسيد الكربون عديم اللون والرائحة. أول أكسيد الكربون سام ويمكن أن يسبب الإصابة الخطرة أو الوفاة عند استنشاقه.
- حافظ على بقاء حافظات المفاتيح بعيدًا عن متناول الأطفال. قد يتسبب تشغيل نظام بدء التشغيل عن بُعد والنوافذ وأقفال الأبواب أو عناصر التحكم الأخرى في التعرض لإصابة بالغة أو الوفاة.

كيفية استخدام بدء التشغيل عن بُعد

اضغط على زر Remote Start (بدء التشغيل عن بُعد) في حافظة المفاتيح مرتين خلال خمس ثوان، ثم حرّره. يتم قفل أبواب السيارة، وتومض مصابيح التوقف، ثم ينطلق صوت آلة التنبيه مرتين (إذا تم برمجتها لذلك). يتم عندئذٍ تشغيل المحرك وتظل السيارة في وضع Remote Start (بدء التشغيل عن بُعد) لدورة تستغرق 15 دقيقة. يعمل الضغط على زر Remote Start (بدء التشغيل عن بُعد) لمرة ثالثة على إيقاف تشغيل المحرك.

ملاحظة:

- باستخدام Remote Start (بدء التشغيل عن بُعد)، سيعمل المحرك لمدة 15 دقيقة فقط.
- يمكن استخدام Remote Start (بدء التشغيل عن بُعد) مرتين فقط.
- وفي حالة وجود خطأ في المحرك أو انخفاض مستوى الوقود، سيتم تشغيل السيارة وإيقاف تشغيلها خلال 10 ثوان.
- سيتم تشغيل مصابيح التوقف وتستمر في وضع التشغيل أثناء وضع بدء التشغيل عن بُعد.
- سوف تظهر الأضواء الأمامية المتحركة (إذا كانت السيارة مزودة بذلك) عند تنشيط بدء التشغيل عن بُعد، وذلك إذا تم تمكين "إضاءة الأضواء الأمامية عند الاقتراب" في إعدادات نظام Uconnect.
- من أجل الأمان، يتم تعطيل النوافذ العاملة بالطاقة وتشغيل السقف المتحرك (إذا كانت السيارة مزودة بذلك) عندما تكون السيارة في وضع بدء التشغيل عن بُعد.
- يجب أن يكون الإشعال في وضع ON/RUN (التشغيل/الانطلاق) قبل تكرار تسلسل Remote Start (بدء التشغيل عن بُعد) لدورة ثالثة.

يجب تحقق كافة الشروط التالية قبل تشغيل المحرك عن بعد:

- محدد التروس في وضع PARK (التوقف)
- الأبواب مغلقة
- غطاء المحرك مغلق
- باب المؤخرة مغلق
- مفتاح التحذير من الخطر متوقف عن التشغيل
- مفتاح الفرامل غير نشط (لا يتم الضغط على دواسة الفرامل)
- مستوى شحن البطارية مقبول
- النظام غير معطل من حدث بدء تشغيل عن بُعد سابق
- وميض ضوء أمان السيارة
- مفتاح التشغيل في وضع OFF (إيقاف التشغيل)
- لم يتم الضغط على زر Panic (الارتياب)
- مستوى الوقود يفي بأقل المتطلبات
- لا ينبهك إنذار أمان السيارة بوجود تسلل
- عدم إضاءة ضوء مؤشر العطل (MIL)

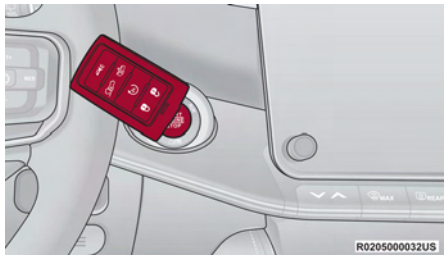
تحذير!

- لا تبدأ تشغيل المحرك في مرآب مغلق أو منطقة محكمة. يحتوي غاز العادم على أول أكسيد الكربون عديم اللون والرائحة. أول أكسيد الكربون سام ويمكن أن يسبب الإصابة الخطرة أو الوفاة عند استنشاقه.
- حافظ على بقاء حافظات المفاتيح بعيدًا عن متناول الأطفال. قد يتسبب تشغيل نظام بدء التشغيل عن بُعد والنوافذ وأقفال الأبواب أو عناصر التحكم الأخرى في التعرض لإصابة بالغة أو الوفاة.

الخروج من وضع بدء التشغيل عن بُعد

لقيادة السيارة بعد بدء تشغيل نظام Remote Start (بدء التشغيل عن بُعد)، اضغط إما على زر إلغاء القفل الموجود في حافظة المفاتيح وحرره لإلغاء قفل الأبواب أو قم بإلغاء قفل السيارة باستخدام ميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ — نظام الدخول غير النشط من خلال مقابض الأبواب، وقم بإلغاء تنشيط نظام أمان السيارة (إذا كانت السيارة مزوّدة بذلك). ثم، قبل نهاية دورة 15 دقيقة، اضغط على زر START/STOP (بدء التشغيل/الإيقاف) وحرره.

- يوصى باستبدال بطارية حافظة المفاتيح.



إجراء نفاد بطارية حافظة المفاتيح

تحذير!

- عند الخروج من السيارة، قم دائمًا بإخراج حافظة المفاتيح من السيارة وقم بقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة.
- يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. ومن ثَمَّ، يجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد التروس.

(تابع)

تحذير!

- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها (أو في مكان يتمكن الأطفال من الوصول إليه)، ولا تترك ميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ في وضع ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.
- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي ارتفاع درجة الحرارة الداخلية إلى حدوث إصابات خطيرة أو الوفاة.

تنبيه!

السيارة غير المقفلة مطمع للصوص. أخرج حافظة المفاتيح دائمًا من السيارة وأقفل جميع الأبواب عند ترك السيارة دون ملاحظة.

ملاحظة:

- قد لا يمكن اكتشاف حافظة المفاتيح بواسطة نظام ميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ الخاص بالسيارة إذا كانت تقع بجوار هاتف محمول أو كمبيوتر محمول أو أي جهاز إلكتروني آخر، حيث قد تتسبب تلك الأجهزة في حجب إشارة حافظة المفاتيح اللاسلكية ومنع نظام ميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ من بدء تشغيل السيارة.
- للاطلاع على مزيد من المعلومات حول إجراء بدء تشغيل المحرك، انظر ⇦ صفحة ١٢٥.
- عند فتح باب السائق ومفتاح التشغيل في وضع ON/ RUN (التشغيل/ الانطلاق) (المحرك لا يدور)، تصدر صافرة لتذكيرك بوضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل). بالإضافة إلى صوت الصافرة، ستظهر الرسالة "Ignition ON" (مفتاح التشغيل في وضع التشغيل) في لوحة مجموعة أجهزة القياس.

بدء التشغيل عن بُعد - إذا كان مجهزًا

يستخدم هذا النظام حافظة المفاتيح لبدء تشغيل المحرك بسهولة من خارج السيارة مع الاستمرار في الحفاظ على الأمان. يبلغ نطاق النظام 100 متر (328 قدمًا) تقريبًا.

يُستخدم نظام Remote Start (بدء التشغيل عن بُعد) لإزالة الصقيع من النوافذ في الطقس البارد والوصول إلى درجة حرارة مريحة في كل ظروف البيئية قبل دخول العميل إلى السيارة.

ملاحظة:

قد تقلل العوائق بين السيارة وحافظة المفاتيح هذا النطاق.

إذا أضاء ضوء أمان السيارة أثناء التشغيل العادي للسيارة (تشغيل السيارة لمدة أطول من 10 ثوان)، فهذا يعني أن هناك خطأ في الأجهزة الإلكترونية. وإذا حدث ذلك، فافحص السيارة بأسرع ما يمكن لدى وكيل معتمد.

تنبيه!
لا يتوافق نظام منع تشغيل المحرك لمفتاح سنتري كي Sentry Key مع بعض أنظمة التشغيل عن بُعد الموجودة في الأسواق. وقد يؤدي استعمال هذه الأنظمة إلى حصول مشاكل في التشغيل وفقدان الحماية التي يوفرها النظام.

إن جميع حافظات المفاتيح المزودة بها سيارتك الجديدة مبرمجة للعمل مع أنظمة السيارة الإلكترونية.

ملاحظة:

وتعتبر أيضًا حافظة المفاتيح التي لم تتم برمجتها مفتاحًا غير صالح.

مفتاح التشغيل

التشغيل عبر ميزة الحركة والتشغيل من دون مفتاح KEYLESS ENTER ‘N GO™

تتيح هذه الميزة للسائق تشغيل مفتاح التشغيل بضغطة زر، طالما كانت حافظة المفاتيح في مقصورة الركاب.

يضم زر START/STOP (بدء التشغيل/الإيقاف) العديد من أوضاع التشغيل التي تشتمل على تسميات وستضيء عندما تكون في الوضع الخاص بها. تلك الأوضاع هي OFF (إيقاف التشغيل)، وON/RUN (التشغيل/الانطلاق)، وSTART (بدء التشغيل).

زر START/STOP Ignition
(بدء التشغيل/إيقاف التشغيل)

1 - OFF (إيقاف التشغيل)
2 - ON/RUN (التشغيل/الانطلاق)

يمكن وضع زر التشغيل الضغطي في الأوضاع التالية:

OFF (إيقاف التشغيل)

- يتم إيقاف المحرك
- تظل بعض الأجهزة الكهربائية (مثل الأقفال الكهربائية، والإنذار، وما إلى ذلك) متاحة

ON/RUN (التشغيل/الانطلاق)

- وضع القيادة
- تتوفر كل الأجهزة الكهربائية (مثل مفاتيح التحكم في درجة الحرارة والمقاعد المسخنة، وما إلى ذلك)

START (بدء التشغيل)

- سيبدأ تشغيل المحرك (عندما تكون القدم على دواسة الفرامل)

ملاحظة:

- في حال عدم تغيير وضع التشغيل مع الضغط على زر التشغيل، وقيام مجموعة أجهزة القياس بعرض رسالة، مثل "Key Fob Not Detected" (تعذر اكتشاف حافظة المفاتيح)، قد تكون بطارية حافظة المفاتيح منخفضة أو نفد شحنها. وفي هذا الموقف، يمكن استخدام طريقة بديلة لتشغيل مفتاح التشغيل. ضع الجانب الناتئ من حافظة المفاتيح (الجانب المقابل لمفتاح الطوارئ) في أمام زر START/STOP (بدء التشغيل/إيقاف التشغيل) واضغط لتشغيل مفتاح التشغيل.

تحذير!

- تحتوي حافظة المفاتيح المدمجة على بطارية خلوية دائرية. لا تبتلع البطارية، هناك خطورة إصابة بحروق كيميائية. إذا ابتلعت البطارية الخلوية الدائرية، فمن الممكن أن تسبب حروقًا داخلية جسيمة في غضون ساعتين فقط وقد تؤدي إلى الوفاة.
- إذا كنت تعتقد أن هناك بطارية تم بلعها أو أنها وُضعت داخل أي جزء من الجسم، فالتمس العناية الطبية في الحال.
- احتفظ بالبطاريات الجديدة والمستعملة بعيدًا عن متناول الأطفال. إذا لم تنغلق حجيرة البطارية بإحكام، فأوقف استخدام المنتج واحتفظ بها بعيدًا عن متناول الأطفال.

البرمجة وطلب حافظات مفاتيح إضافية

ويمكن تنفيذ برمجة حافظة المفاتيح بواسطة وكيل معتمد فقط.

ملاحظة:

- وبمجرد برمجة حافظة مفاتيح لاستخدامها مع إحدى السيارات، لا يمكن إعادة برمجتها لاستخدامها مع سيارة أخرى أو إعادة استعمالها لغرض آخر.
- يمكن استخدام حافظات المفاتيح التي تمت برمجتها للعمل مع إلكترونيات السيارة فقط لتشغيل السيارة.

تحذير!

- أخرج حافظات المفاتيح دومًا من السيارة وقم بقفل جميع الأبواب عند ترك السيارة دون مراقبة.
- بالنسبة إلى السيارات المجهزة بمفتاح تشغيل مزوّد بميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™، تذكر دائمًا ضبط مفتاح التشغيل على وضع OFF (إيقاف التشغيل) عند الخروج من السيارة.

ويمكن عمل نسخ لحافظات المفاتيح لدى وكيل معتمد فقط. يتكون هذا الإجراء من برمجة حافظة مفاتيح جديدة مع إلكترونيات السيارة. وحافظة المفاتيح الجديدة هي تلك التي لم تتم برمجتها مسبقًا.

ملاحظة:

- عند إجراء خدمات الصيانة لنظام منع تشغيل المحرك لنظام Sentry Key، ينبغي إحضار جميع مفاتيح السيارة إلى الوكيل المعتمد.
- يجب طلب المفاتيح وفقًا للشكل الصحيح للمفتاح لكي يطابق أقفال السيارة.
- ليس تبديل حافظة المفاتيح ضروريًا عند الحاجة إلى مفتاح طوارئ جديد، والعكس صحيح.

نظام سنتري كي SENTRY KEY

يمنع نظام منع تشغيل المحرك لمفتاح سنتري كي Sentry Key التشغيل غير المُرخص به للسيارة وذلك عن طريق تعطيل المحرك. لا يحتاج النظام إلى التفعيل أو التنشيط. كما أنه يعمل أوتوماتيكيًا بغض النظر عما إذا كانت السيارة مقفلة أم لا.

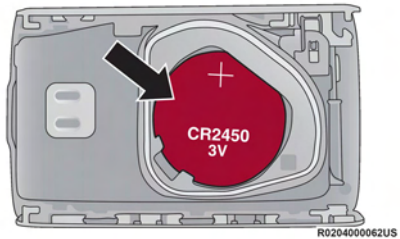
يستخدم النظام حافظة مفاتيح وزر الضغط الخاص بالتشغيل من دون مفاتيح وجهاز استقبال التردد اللاسلكي (RF) لمنع التشغيل غير المعتمد للسيارة. ولذلك لا يمكن استخدام أي حافظات مفاتيح أخرى لتشغيل السيارة غير تلك المبرمجة للعمل مع السيارة. لا يمكن للنظام برمجة حافظة مفاتيح تم الحصول عليها من سيارة أخرى.

بعد ضبط مفتاح التشغيل على وضع ON/RUN (التشغيل/الانطلاق)، سيضيء ضوء أمان السيارة لمدة ثلاث ثوان للتحقق من تشغيل لمبته. إذا ظل الضوء مضاءً بعد التحقق من المصباح، فهذا يعني أن هناك مشكلة في الإلكترونيات. إضافة إلى ذلك، إذا بدأ الضوء بالوميض بعد الفحص بالمصباح، فهذا يعني أن شخصًا ما قد حاول بدء تشغيل المحرك باستخدام حافظة مفاتيح غير صالحة. في حالة استخدام حافظة مفاتيح صالحة لبدء تشغيل المحرك ولكن توجد مشكلة في إلكترونيات السيارة، فسيتم بدء تشغيل المحرك وإيقاف تشغيله بعد ثانيتين.

ملاحظة:

إذا فشل بدء تشغيل زر الضغط بدون مفتاح، فقد تحتاج حافظة المفاتيح إلى التحرك إذا كانت في وضع الخمول لأكثر من 5 دقائق.

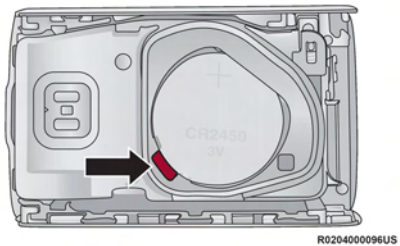
3. بعد ذلك، حدد موقع الفتحة في الجانب الأيمن من حافظة المفاتيح، والتي تبعد عن الحافة مسافة أكبر من ابتعادها عن الفتحة في الجانب الأيسر. افتح الجانب الأيمن وفك الغطاء الخلفي.
4. قم بإزالة البطارية باستخدام إصبع الإبهام لتحريك البطارية لأسفل وللخلف تجاه حلقة المفتاح.



موقع بطارية حافظة المفاتيح

ملاحظة:

يمكنك أيضًا إدخال مفك براغي أو أداة مشابهة في جيب إزالة البطارية لإخراج البطارية.

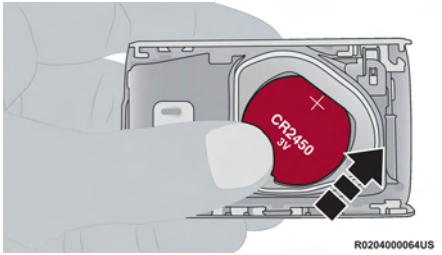


جيب إزالة البطارية

ملاحظة:

عند استبدال البطارية، تأكد من اتجاه العلامة + في البطارية لأعلى. تجنب لمس البطارية الجديدة بأصابعك. فقد تسبب المواد التي يفرزها الجلد تلف البطارية. وإذا لمست البطارية، فنظفها بالكحول.

5. استبدل البطارية باستخدام إصبع الإبهام للضغط على البطارية لأسفل وتحريكها أسفل الشفة الصغيرة في الحافة العليا من الفتحة.



استبدال بطارية حافظة المفاتيح

6. لتجميع حاوية حافظة المفاتيح، قم بمحاذاة الحافة العلوية من الغطاء الخلفي مع الجزء العلوي من حافظة المفاتيح، واضغط على الحواف في المفاصل المتداخلة حتى يتم إغلاق كل الحواف معًا بدون وجود أي فجوات كبيرة ظاهرة.
7. أعد إدخال مفتاح الطوارئ حتى يثبت في مكانه.

ملاحظة:

يجب استبدال بطارية حافظة المفاتيح بواسطة فنيين مؤهلين فقط. عند الحاجة إلى استبدال البطارية، راجع وكيلاً معتمدًا.

ملاحظة:

تأكد من إبعاد أي أشخاص أو حيوانات أو أشياء أخرى عن السيارة قبل خفضها عن بُعد.

إلغاء الخفض عن بُعد

يمكن إلغاء خفض السيارة في أي وقت. عند إلغاء خفض السيارة، سترتفع السيارة إلى المستوى التالي المحدد ويتم قفل ميزة الخفض عن بُعد لمدة خمس ثوان حتى يتم تقديم طلب جديد.

لإلغاء خفض السيارة، اضغط على زر نظام التعليق الهوائي في حافظة المفاتيح مرة واحدة أثناء عملية الخفض. عند إلغاء خفض السيارة ستطلق آلة التنبيه صافرة تنبيه مرتين وتومض أضواء إشارات الانعطاف أربع مرات. بمجرد اكتمال الرفع، ستطلق آلة التنبيه صافرة تنبيه مرة واحدة.

ملاحظة:

للحصول على مزيد من المعلومات حول نظام التعليق الهوائي، راجع ⇦ صفحة ١٤٠.

استبدال البطارية في حافظة المفاتيح

طراز البطارية البديلة هو بطارية CR2450 واحدة.

ملاحظة:

- يوصى بأن يستخدم العملاء بطارية تم الحصول عليها من ®Mopar. قد لا تفي أبعاد البطارية المستديرة بأبعاد البطارية المستديرة من الجهة المُصنِّعة للمعدات الأصلية (OEM).
- مادة البركلورات – التي تتطلب عناية خاصة.
- لا تلمس أقطاب البطارية الموجودة في المبيت الخلفي، أو لوحة الدائرة الكهربية المطبوعة.
- لا تستبدل البطارية الدائرية ما دام مؤشر LED الموجود بحافظة المفاتيح فوق أزرار الصف العلوي يومض عند الضغط على أي زر. فمن المفترض أن تدوم البطارية الدائرية لمدة ثلاث سنوات على الأقل مع الاستخدام العادي للسيارة.

1. أخرج مفتاح الطوارئ بالضغط على زر تحرير مفتاح الطوارئ (1) الموجود على جانب حافظة المفاتيح بإحدى يديك مع سحب مفتاح الطوارئ (2) إلى الخارج باليد الأخرى.

R0204000060US

إخراج مفتاح الطوارئ

1 - زر تحرير مفتاح الطوارئ
2 - مفتاح الطوارئ

A0204000063US

تم إخراج مفتاح الطوارئ

2. ثبت حافظة المفاتيح بحيث يتجه جانب الأزرار لأسفل، وحدد مكان الفتحة الصغيرة مستطيلة الشكل على الجانب الأيسر بين المبيت والغطاء الخلفي من حافظة المفاتيح. استخدم أداة صغيرة بشفرة مسطّحة لفتح الجانب الأيسر من غطاء حافظة المفاتيح مع الضغط حتى يتم فتح الغطاء.

R0204000061US

فصل حافظة المفاتيح إلى نصفين

في حال عدم قيام مفتاح التشغيل بتغيير الأوضاع بضغطة زر، قد تكون بطارية حافظة المفاتيح منخفضة الشحن أو فارغة تمامًا. يمكن التحقق من حالة بطارية حافظة المفاتيح المنخفضة من خلال الرجوع إلى مجموعة أجهزة القياس التي ستعرض التعليمات التي يجب اتباعها.

للحصول على مزيد من المعلومات حول مواضع الإشعال، راجع ⇦ صفحة ٢٣.

ملاحظة:

قد تتم الإشارة إلى حالة انخفاض شحن بطارية حافظة المفاتيح من خلال رسالة في شاشة عرض مجموعة أجهزة القياس، أو بواسطة ضوء LED في حافظة المفاتيح. إذا لم يعد ضوء LED في حافظة المفاتيح يضيء بعد الضغط على زر بحافظة المفاتيح، فهذا يعني أنه يجب استبدال بطارية حافظة المفاتيح.

لقفل/إلغاء قفل الأبواب وباب المؤخرة

اضغط مرة واحدة على زر إلغاء القفل الموجود على حافظة المفاتيح وحرره لإلغاء قفل باب السائق أو مرتين في غضون خمس ثوان لإلغاء قفل كل الأبواب وباب المؤخرة وباب الوقود. لقفل كل الأبواب وباب المؤخرة وباب الوقود، اضغط على زر القفل مرة واحدة.

عند إلغاء قفل الأبواب، ستومض إشارات الانعطاف وسيتم تنشيط نظام الإضاءة عند دخول السيارة. عندما تكون الأبواب مقفولة، ستومض إشارات الانعطاف وينطلق صوت آلة التنبيه.

ملاحظة:

- إذا كانت السيارة مزوّدة بميزة إلغاء القفل الأوتوماتيكي وتم إلغاء قفلها بواسطة حافظة المفاتيح ولم يتم فتح أي باب في غضون 60 ثانية، فستتم إعادة قفل السيارة وتنشيط نظام أمان السيارة (إذا كانت السيارة مزوّدة بذلك). يمكن تمكين/تعطيل هذه الميزة من إعدادات نظام Uconnect.
- إذا كان واحد أو أكثر من الأبواب مفتوحًا أو إذا كان باب المؤخرة مفتوحًا، فسيتم قفل الأبواب. سيتم إلغاء قفل الأبواب مرى أخرى أوتوماتيكيًا إذا تم ترك حافظة المفاتيح داخل مقصورة الركاب، وإلا فستظل الأبواب مقفولة.

يُمكن برمجة جميع الأبواب ليتم إلغاء قفلها بالضغطة الأولى على زر إلغاء القفل من خلال إعدادات Uconnect ⇦ صفحة ٢٠٣.

استخدام ميزة الارتياب

لتشغيل ميزة إنذار الارتياب أو إيقاف تشغيلها، اضغط على زر Panic (الارتياب) في حافظة المفاتيح. عند تنشيط ميزة إنذار الارتياب، تومض إشارات الانعطاف، وتتحول آلة التنبيه ما بين إطلاق الصوت وإيقافه (إذا كانت السيارة مزودة بإنذار آلة التنبيه)، وتضيء المصابيح الداخلية.

تظل ميزة الارتياب في حالة تشغيل لمدة ثلاث دقائق ما لم توقفها إما بالضغط على زر Panic (الارتياب) مرة أخرى أو بقيادة السيارة بسرعة 24 كم/ساعة (15 ميلاً/الساعة) أو أكثر.

ملاحظة:

- تنطفئ المصابيح الداخلية عندما يتم ضبط مفتاح التشغيل على وضع ON/RUN (التشغيل/الانطلاق) في أثناء تنشيط ميزة إنذار الارتياب. ومع ذلك، سيستمر تشغيل المصابيح الخارجية وآلة التنبيه (إذا كانت السيارة مزودة بإنذار آلة التنبيه).
- قد يلزم أن تكون على بُعد أقل من 20 مترًا (66 قدمًا) من السيارة عند استخدام حافظة المفاتيح لإيقاف تشغيل ميزة الارتياب وذلك بسبب تشوش ترددات الراديو الصادر عن النظام.

التعليق الهوائي (خفض السيارة عن بُعد) - إذا كانت السيارة مزودة بذلك

للدخول الميسر والتحميل، يمكن خفض السيارة إلى ارتفاع الدخول/الخروج من خلال الضغط على زر نظام التعليق الهوائي بحافظة المفاتيح مرتين. عند طلب الخفض من التعليق الهوائي باستخدام حافظة المفاتيح، ستُصدر السيارة مجموعة من الصافرات والومضات (عند التمكين في إعدادات نظام Uconnect) لتنبيه العميل إلى بدء التشغيل وتستمر هذه التنبيهات حتى يتم خفض السيارة بنجاح.

يجب الوفاء بالشروط التالية لخفض السيارة عن بُعد:

- يجب ألا تكون السيارة بالفعل في ارتفاع الركوب Entry/Exit (الدخول/الخروج) (التوقف).
- يجب أن تكون بطارية السيارة مشحونة بالكامل.
- يجب أن تكون جميع الأبواب.
- يجب أن تكون حافظة المفاتيح خارج السيارة.

التعرف على السيارة

المفاتيح

حافظة المفاتيح

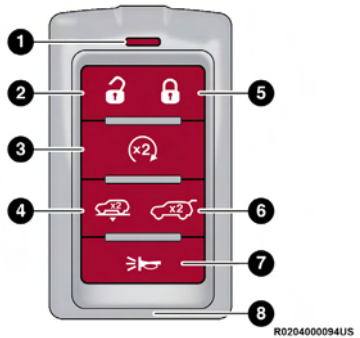
سيارتك مزوّدة بحافظة مفاتيح تدعم الدخول غير النشط، وفتح الأبواب عن بُعد من دون مفاتيح (RKE)، وميزة الحركة والتشغيل من دون مفتاح Keyless Enter ‘n Go™ (إذا كانت السيارة مزوّدة بذلك)، والخفض عن بُعد عبر نظام التعليق الهوائي، وبدء التشغيل عن بُعد (إذا كانت السيارة مزوّدة بذلك). تسمح لك حافظة المفاتيح بقفل أو إلغاء قفل كل الأبواب وباب المؤخرة وباب الوقود، بالإضافة إلى تنشيط إنذار الارتياب من مسافات تصل إلى 20 مترًا (66 قدمًا) تقريبًا. وليست هناك حاجة إلى توجيه حافظة المفاتيح تجاه السيارة لتنشيط هذا النظام. كما تحتوي حافظة المفاتيح على مفتاح الطوارئ، والذي يتم تخزينه في الجزء الخلفي من حافظة المفاتيح.

ملاحظة:

في السيارات المزودة بميزة بدء التشغيل عن بُعد، تعمل حافظة المفاتيح على مسافات تصل إلى 100 متر (328 قدمًا).

ملاحظة:

- يمكن أن تُعاق الإشارة اللاسلكية لحافظة المفاتيح إذا كانت حافظة المفاتيح موجودة بجوار هاتف محمول، أو كمبيوتر محمول، أو جهاز إلكتروني آخر. فقد يتسبب ذلك في انخفاض الأداء.
- إذا كانت السيارة مزوّدة بلوحة شحن لاسلكية، فقد لا يمكن اكتشاف حافظة المفاتيح إذا كانت ضمن مسافة 15 سم (6 بوصات) من اللوحة ⇦ صفحة ٨٤.
- عند وجود مفتاح الإشعال في وضع التشغيل وتحرك السيارة بسرعة ميلين/ ساعة (4 كم/ ساعة)، يجري تعطيل كل أوامر فتح الأبواب عن بُعد من دون مفاتيح (RKE).



حافظة المفاتيح

1 — مؤشر LED
2 - إلغاء القفل
3 — بدء التشغيل عن بُعد
4 — الخفض عن بُعد عبر التعليق الهوائي (إذا كانت السيارة مزودة بذلك)
5 — القفل
6 — باب المؤخرة العامل بالطاقة
7 — الارتياب
8 — مفتاح الطوارئ

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أضواء المؤشرات باللون الأخضر	
أضواء مؤشر إشارة الانعطاف صفحة ١٢٢	

أضواء المؤشرات باللون الأبيض	
ضوء مؤشر جاهزية وحدة التحكم في السرعة الثابتة المهايئة (ACC) صفحة ١٢٢	
ضوء مؤشر جاهزية التحكم في السرعة صفحة ١٢٢	
ضوء مؤشر التحكم في النزول من على المرتفعات (HDC) صفحة ١٢٢	
ضوء مؤشر نظام مساعد السرعة الذكي (ISA) الجاهز صفحة ١٢٢	
ضوء مؤشر إدارة الحارة النشطة صفحة ١٢٢	

أضواء المؤشرات باللون الأبيض	
ضوء مؤشر المقعد الخلفي غير المشغول صفحة ١٢٢	
ضوء مؤشر Selec-Speed Control (نظام التحكم في تحديد السرعة) صفحة ١٢٣	

أضواء المؤشرات باللون الأزرق	
ضوء مؤشر الضوء العالي صفحة ١٢٣	

أضواء المؤشر باللون الرمادي	
ضوء مؤشر إيقاف الرؤية الليلية صفحة ١٢٣	

أضواء المؤشرات باللون الأصفر	
ضوء مؤشر TOW/HAUL (الجر/السحب) صفحة ١٢١	TOW/ HAUL

أضواء المؤشرات باللون الأخضر	
ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC) مع ضوء المؤشر الهدف صفحة ١٢١	
ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC) مع ضوء مؤشر عدم اكتشاف هدف صفحة ١٢١	
ضوء مؤشر التثبيت الأوتوماتيكي صفحة ١٢١	HOLD
ضوء مؤشر ضبط التحكم في السرعة صفحة ١٢١	
ضوء مؤشر الضباب الأمامي صفحة ١٢١	

أضواء المؤشرات باللون الأخضر	
ضوء مؤشر إدارة الحارة النشطة صفحة ١٢١	
ضوء مؤشر ضبط نظام مساعد السرعة الذكي (ISA) صفحة ١٢١	
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ضوء مؤشر تشغيل مصابيح التوقف/الأضواء الأمامية صفحة ١٢٢	
ضوء مؤشر وضع Sport (القيادة الرياضية) صفحة ١٢٢	
ضوء مؤشر الإيقاف/بدء التشغيل النشط صفحة ١٢٢	

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أضواء التحذير باللون الأصفر	
ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS) صفحة ١١٩	
ضوء تحذير تعطل خطاف السحب صفحة ١٢٠	

أضواء المؤشرات باللون الأصفر	
ضوء مؤشر Low 4WD (وضع الدفع الرباعي المنخفض) صفحة ١٢٠	4WD LOW
ضوء مؤشر التعليق الهوائي النشط صفحة ١٢٠	
ضوء مؤشر الارتفاع الديناميكي الهوائي لنظام التعليق الهوائي صفحة ١٢٠	AERO
ضوء مؤشر الدخول/الخروج للتعليق الهوائي صفحة ١٢٠	ENTRY/ EXIT

أضواء المؤشرات باللون الأصفر	
ضوء مؤشر الطريق غير الممهد 1 بنظام التعليق الهوائي صفحة ١٢٠	OFF RD 1
ضوء مؤشر الطريق غير الممهد 2 بنظام التعليق الهوائي صفحة ١٢٠	OFF RD 2
ضوء مؤشر الأعطال (التثبيت الأوتوماتيكي!) Auto HOLD! صفحة ١٢٠	HOLD!
ضوء مؤشر إيقاف تشغيل تحذير التصادم الأمامي (FCW)/فرامل طوارئ المشاة (PEB) صفحة ١٢٠	OFF
ضوء مؤشر وضع NEUTRAL (اللاتعشيق) صفحة ١٢١	NEUTRAL
ضوء مؤشر تجاوز أقصى حمولة صافية صفحة ١٢١	

أضواء التحذير باللون الأصفر	
ضوء تحذير إدارة الحارة النشطة صفحة ١١٧	
ضوء تحذير تعطل نظام نفاد الوقود صفحة ١١٧	
ضوء تحذير انخفاض مستوى الوقود صفحة ١١٧	
ضوء تحذير انخفاض سائل الغاسلة صفحة ١١٨	
ضوء تحذير اكتشاف الحيوانات في وضع الرؤية الليلية صفحة ١١٨	
ضوء تحذير اكتشاف المشاة في وضع الرؤية الليلية صفحة ١١٨	

أضواء التحذير باللون الأصفر	
ضوء تحذير مؤشر العطل (MIL)/فحص المحرك صفحة ١١٨	
ضوء تحذير العطل في مستشعر مستوى الزيت صفحة ١١٨	
ضوء تحذيري لخدمة نظام الدفع الرباعي (4WD) صفحة ١١٨	SERV 4WD
ضوء تحذيري بشأن Service Adaptive Cruise Control (ACC) (صيانة وحدة التحكم في السرعة الثابتة المهايئة (ACC)) صفحة ١١٨	
ضوء تحذير صيانة نظام التصادم الأمامي (FCW) أو فرامل طوارئ المشاة (PEB) صفحة ١١٩	
ضوء التحذير بشأن خدمة نظام الإيقاف/البدء صفحة ١١٩	

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أضواء التحذير باللون الأحمر	
ضوء تحذير درجة حرارة الزيت صفحة ١١٦	
ضوء تحذير التذكير بربط حزام الأمان صفحة ١١٦	
ضوء تحذير السرعة صفحة ١١٦	
مصباح تحذير درجة حرارة ناقل الحركة صفحة ١١٦	
الضوء التحذيري لميزة أمان السيارة صفحة ١١٦	

أضواء التحذير باللون الأصفر	
ضوء التحذير من عطل بنظام التعليق الهوائي صفحة ١١٦	

أضواء التحذير باللون الأصفر	
ضوء تحذير نظام الفرامل المانعة للانغلاق (ABS) صفحة ١١٦	
ضوء تحذير تعطل نظام اكتشاف نعاس السائق صفحة ١١٧	
ضوء تحذير فرامل التوقف الكهربائية صفحة ١١٧	
ضوء التحذير من تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC) صفحة ١١٧	
ضوء التحذير من إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) صفحة ١١٧	
ضوء تحذير صيانة إدارة الحارة النشطة صفحة ١١٧	

أضواء التحذير باللون الأحمر	
ضوء تحذيري بشأن شحن البطارية صفحة ١١٤	
ضوء تحذيري بشأن ترك الباب مفتوحًا صفحة ١١٤	
ضوء تحذير اكتشاف نعاس السائق صفحة ١١٤	
مصباح تحذير تعطل التوجيه المعزز كهربيًا (EPS) صفحة ١١٤	
ضوء تحذير نظام التحكم الإلكتروني في صمام الاختناق (ETC) صفحة ١١٥	
ضوء تحذير درجة حرارة سائل تبريد المحرك صفحة ١١٥	

أضواء التحذير باللون الأحمر	
ضوء تحذير فتح غطاء المحرك صفحة ١١٥	
ضوء تحذيري بشأن فتح باب المؤخرة صفحة ١١٥	
ضوء تحذير اكتشاف الحيوانات في وضع الرؤية الليلية صفحة ١١٥	
ضوء تحذير اكتشاف المشاة في وضع الرؤية الليلية صفحة ١١٥	
ضوء تحذير مستوى الزيت صفحة ١١٥	
ضوء تحذيري بشأن ضغط الزيت صفحة ١١٦	

تحذير من انقلاب السيارة

تتميز سيارات الخدمة بمعدلات انقلاب عند الحوادث أعلى بكثير من الأنواع الأخرى من السيارات. تتميز هذه السيارة بأن لها مساحة خلوص أرضي ومركز ثقل أعلى من العديد من سيارات الركاب الأخرى. وهذه السيارة بمقدورها الأداء بشكل أفضل عند قيادتها على أنواع عديدة من الطرق غير الممهدة. إن جميع السيارات معرضة لفقدان السيطرة عليها عند قيادتها بصورة غير آمنة. ونظرًا لارتفاع مركز ثقل هذا النوع من السيارات عن السيارات الأخرى، فإنها إذا خرجت عن نطاق السيطرة، فقد تتعرض للانقلاب في حين أن بعض السيارات الأخرى قد لا تتعرض لذلك.

لا تحاول الانعطاف بشكل حاد أو القيام بمناورات مفاجئة أو القيام بأية إجراءات قيادة غير آمنة تتسبب في فقدان السيطرة على السيارة. يؤدي عدم تشغيل هذه السيارة بأمان إلى حدوث تصادم أو انقلاب السيارة وحدوث إصابة بالغة أو الوفاة. عليك بقيادة السيارة بحرص.

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ملصق التحذير من انقلاب السيارة

إن عدم استخدام حزامي الأمان الخاصين بالسائق والراكب المزودين هو سبب رئيسي للإصابات البالغة أو المميتة. في حالة انقلاب السيارة يصبح الراكب الذي لا يرتدي حزام الأمان أكثر عرضة للوفاة من الراكب الذي يرتديه. اربط إبزيم حزام الأمان دائمًا.

التعديلات/التغييرات في السيارة

تحذير!
إن إدخال أي تعديلات أو تغييرات على السيارة قد يؤثر بصورة كبيرة على إمكانية قيادة السيارة وسلامتها وقد يؤدي إلى حدوث تصادم يسفر عن إصابات خطيرة أو الوفاة.

مسرد الرموز

تشتمل بعض مكونات السيارة على ملصقات ملونة تشير رموزها إلى الاحتياطات التي ينبغي مراعاتها عند استخدام هذا المكون. من المهم اتباع كل التحذيرات عند تشغيل سيارتك. انظر أدناه للحصول على تعريف كل رمز ⇦ صفحة ١١٣.

ملاحظة:

يختلف التحذير وضوء المؤشر بناء على خيارات المعدات وحالة السيارة الحالية. تكون بعض الأضواء المؤشرة اختيارية وقد لا تظهر.

أضواء التحذير باللون الأحمر	
	ضوء تحذيري بشأن الوسادة الهوائية ⇦ صفحة ١١٣
	ضوء تحذيري بشأن الفرامل ⇦ صفحة ١١٣

ملاحظة هامة

تستند كل محتويات هذه النشرة إلى آخر المعلومات المتوفرة عند الحصول على الموافقة على النشر. ويحتفظ بحق نشر أي إضافات أو تعديلات في أي وقت.

بعد قراءتك لدليل المالك ينبغي أن تحتفظ به في السيارة كمرجع مفيد، كما ينبغي أن يلازم السيارة عند بيعها إلى شخص آخر.

ويتضمن دليل المالك هذا شرحًا ووصفًا لميزات ثابتة أو ميزات اختيارية يتم توفيرها بسعر إضافي. لذلك قد لا يتوفر كل ما هو موجود في هذا الدليل من معدات أو ملحقات في سيارتك.

ملاحظة:

تأكد من قراءة دليل المالك قبل قيادة السيارة وقبل إضافة أو تركيب أي قطع غيار أو ملحقات أو إدخال أي تعديلات أخرى على هذه السيارة.

نظرًا إلى تعدد قطع الغيار والملحقات المصنعة من قبل شركات مختلفة، لا يمكن لشركة FCA التأكد من عدم تأثر سلامة قيادة سيارتك إذا قمت باستعمال أو تركيب قطع الغيار هذه. وحتى إذا تم ترخيص هذه القطع بطريقة رسمية (وذلك، على سبيل المثال، بالحصول على رخصة عامة عند تصنيع القطع أو بتصميم موافق عليه بصورة رسمية) أو بإصدار رخصة تشغيل شخصية للسيارة بعد إضافة أو تركيب مثل هذه القطع ليس بالإمكان الافتراض ضمناً عدم تأثر سلامة قيادة السيارة. ولهذا السبب لا يتحمل الخبراء الفنيون ولا الوكالات الرسمية أي مسؤولية عن ذلك. وتتحمل FCA المسؤولية فقط عن قطع الغيار المرخصة صراحة والمُوصى بها من قبله والتي يتم إضافتها أو تركيبها من قبل الوكيل المعتمد. وينطبق نفس الشيء عند إجراء تعديلات بعد ذلك على الحالة الأصلية لسيارات FCA.

لا تشمل الضمانات أي قطعة لم يتم تزويدها من قبل FCA. ولا تشمل تكلفة أي تصليحات أو تعديلات قد تُجرى أو تلزم نتيجة استعمال أو تركيب هذه القطع أو الأجزاء أو المعدات أو المواد أو المواد المضافة التي لم يتم تزويدها من قبل المصنّع. ولا يشمل الضمان تكلفة إصلاح الأضرار أو الحالات الناجمة عن أي تغييرات يتم إدخالها على سيارتك ولا تتوافق مع مواصفات FCA.

وتحتفظ شركة FCA بحق تغيير التصميمات والمواصفات و/أو إدخال الإضافات أو التعديلات على منتجاتها دون أي التزام بتركيبها على منتجات تم تصنيعها مسبقًا.

مفتاح الرموز

تحذير!	تنطبق هذه العبارات على إجراءات التشغيل التي قد تؤدي إلى حدوث تصادم أو حدوث إصابات بدنية و/أو الوفاة.
تنبيه!	تنطبق هذه العبارات على الإجراءات التي قد تتسبب في تلف سيارتك.
ملاحظة:	اقتراح من شأنه تحسين التركيب والتشغيل والاعتمادية. وقد يسبب ضررًا إذا لم يتم اتباعه.
تلميح:	أفكار/حلول/اقتراحات عامة حول الاستخدام الأسهل للمنتج أو الوظيفة.
سهم الصفحة المرجعية ⇨ page	اتبع هذا المرجع للحصول على معلومات إضافية حول ميزة معينة.
حاشية سفلية *	معلومات تكميلية وذات صلة بالموضوع.

قد تفوتك معلومات هامة إذا لم تقرأ دليل المالك بأكمله. قم بمراعاة كل التنبيهات والتحذيرات.

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مقدمة

عميلنا العزيز،

تهانينا على شراء سيارة Wagoneer/Grand Wagoneer الجديدة الخاصة بك. كن واثقًا من أنها تمثل الدقة في الصنع والتصميم المميز والجودة الفائقة.

إن Wagoneer/Grand Wagoneer سيارة خدمات متخصصة. حيث يمكنها السير في أماكن وإنجاز مهام لا يمكن لسيارات الركاب التقليدية القيام بها. إن التعامل مع هذه السيارة والمناورة بها يختلف عن العديد من سيارات الركاب عند القيادة على كل من الطرق الممهدة والطرق غير الممهدة، لذا يجب عليك أخذ الوقت الكافي للتعرف على سيارتك. تم تصميم الإصدار ثنائي الدفع من هذه السيارة، إذا كانت السيارة مزوّدة بذلك، للاستخدام على الطرق الممهدة فقط. وهي ليست مصممة للقيادة على الطرق غير الممهدة في التضاريس الصعبة أو للاستخدام في الظروف الشاقة الملائمة للسيارة الرباعية الدفع. قبل أن تقود هذه السيارة، اقرأ دليل المالك. تأكد من معرفة جميع مفاتيح التحكم بالسيارة، وخاصة تلك التي تستخدم للفرامل وعجلة القيادة وناقل الحركة وتغيير علبة النقل. واطلع على قدرات سيارتك في مختلف الطرق. تتحسن مهارات قيادة السيارة بالخبرة. عند القيادة على طرق غير ممهدة، أو تشغيل السيارة، لا تقم بتحميل السيارة بصورة مفرطة ولا تتوقع أن تتغلب السيارة على قوانين الطبيعة. ينبغي دومًا مراعاة القوانين الحكومية والإقليمية والمحلية حيثما كنت تقود. قد يؤدي عدم تشغيل هذه السيارة بشكل صحيح، كما هو الحال مع السيارات الأخرى من النوع نفسه، إلى فقدان السيطرة عليها أو حدوث تصادم ⇦ صفحة ١٩٩.

تم إعداد دليل المالك بمساعدة متخصصين في الصيانة ومهندسين لتعريفك بكيفية تشغيل هذه السيارة وصيانتها. وملحق بهذا الدليل وثائق موجهة للعملاء. ستجد في هذه المعلومات وصفًا للخدمات التي تقدمها شركة FCA إلى عملائها، بالإضافة إلى شهادة الضمان والتفاصيل المتعلقة بالشروط والأحكام للمحافظة على صلاحية الضمان. يرجى قضاء الوقت الكافي لقراءة كل المنشورات بعناية قبل قيادة سيارتك للمرة الأولى. حيث إن اتباع التعليمات والتوصيات والتلميحات والتحذيرات المهمة الواردة في هذا الدليل ستساعد على ضمان السلامة والتشغيل الممتع لسيارتك.

يصف دليل المالك هذا كل إصدارات هذه السيارة. لم ترد في النص معلومات صريحة ذات صلة بالخيارات والمعدات المخصصة لأسواق أو إصدارات بعينها. لذا، يجب أن تضع في اعتبارك فقط المعلومات ذات الصلة بمستوى التجهيزات والمحرك والإصدار الذي اشتريته. وسيتم تعريف أي محتوى وارد في معلومات المالك بالكامل، والذي قد يصدُق على سيارتك أو لا يصدق عليها، وهو ما ستحدده عبارة "إذا كانت السيارة مزوّدة بذلك". الغرض من كل البيانات الواردة في هذا المنشور هو مساعدتك على استخدام سيارتك بأفضل طريقة ممكنة. وتهدف شركة FCA إلى التحسين المستمر للسيارات التي يتم إنتاجها. ولهذا السبب، تحتفظ الشركة بالحق في إجراء تغييرات على الطراز الوارد وصفه لأسباب فنية و/أو تجارية. للحصول على مزيد من المعلومات، اتصل بالوكيل المعتمد.

عندما يتعلق الأمر بالصيانة تذكر أن لدى الوكلاء المعتمدين أفضل الخبرات بالسيارة، والفنيين المدربين بالمصنع وقطع الغيار الأصلية من ®Mopar، وأنهم يهتمون بإرضائك.

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