



OPERATING INFORMATION

Grand Cherokee



2019

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INTRODUCTION

Dear Customer, congratulations on selecting your new vehicle. Be assured that it represents precision workmanship, distinctive styling, and high quality.

This 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 or use in other severe conditions suited for a four-wheel drive vehicle. Before you start to 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. Your driving skills will 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. Refer to the "Driving Tips" in "Starting and Operating" for further information.

This Owner's Manual has been prepared with the assistance of service and engineering spe-

cialists to acquaint you with the operation and maintenance of your vehicle. It is supplemented by Warranty Information, and customer oriented documents. In the attached Warranty Booklet you will find a description of the services that FCA offers to its customers, the Warranty Certificate and 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 assure 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 which is related to the trim level, engine, and version that you have purchased. Any content introduced throughout the Owner's Information, that 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.

If applicable, refer to the Owner's Manual Supplement for related information.

NOTE:

After reviewing the Owner's Information, it should be stored in the vehicle for convenient referencing, and remain with the vehicle when sold.

When it comes to service, remember that your authorized dealer knows your vehicle best, has factory-trained technicians and genuine MOPAR® parts, and cares about your satisfaction.

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 when 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.



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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.

IMPORTANT NOTICE

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

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 new vehicle. It is supplemented by a Warranty Information Booklet and various customer-oriented documents. You are urged to read these publications carefully. Following the instructions and recommendations in

this Owner's Manual will help assure safe and enjoyable operation of your vehicle.

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 manufacturer 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.

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 on the market, the manufacturer 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. The manufacturer only assumes responsibility when parts, which are expressly authorized or recommended by the manufacturer, are attached or installed at an authorized dealer. The same applies when modifications to the original condition are subsequently made on the manufacturer's vehicles.

Your warranties do not cover any part that the manufacturer 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 the manufacturers specifications.

HOW TO USE THIS MANUAL

Essential Information

Consult the Table of Contents to determine which section contains the information you desire.

Since the specification of your vehicle depends on the items of equipment ordered, certain descriptions and illustrations may differ from your vehicle's equipment.

The detailed index at the back of this Owner's Manual contains a complete listing of all subjects.

Symbols

Some vehicle components have colored labels whose symbols indicate precautions to be observed when using this component. Refer to "Warning Lights and Messages" in "Getting To Know Your Instrument Panel" for further information on the symbols used in your vehicle.

WARNINGS AND CAUTIONS

This Owner's Manual contains **WARNINGS** against operating procedures that could result in a collision, bodily injury and/or death. It also contains **CAUTIONS** against procedures that could result in damage to your vehicle. If you do not read this entire Owner's Manual, you may miss important information. Observe all Warnings and Cautions.

VEHICLE MODIFICATIONS/ ALTERATIONS

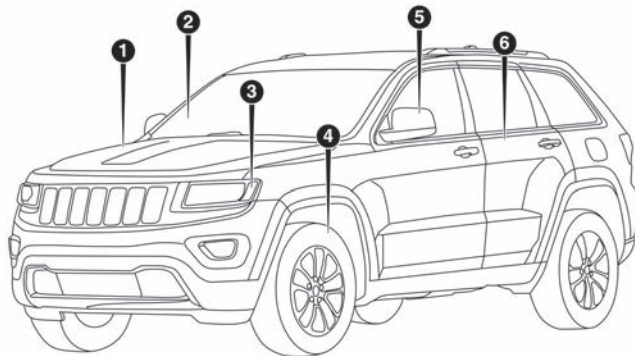
WARNING!

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.

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FRONT VIEW



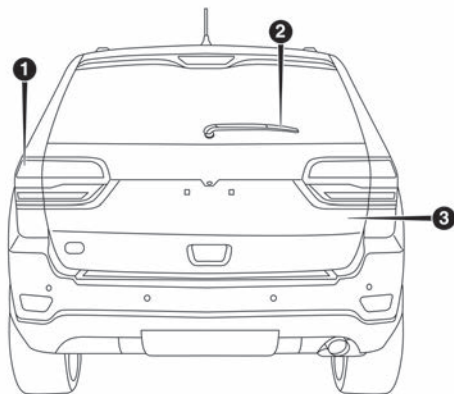
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Front View

- 1 — Hood/Engine Compartment
- 2 — Windshield
- 3 — Headlights

- 4 — Wheels/Tires
- 5 — Exterior Mirrors
- 6 — Doors

REAR VIEW

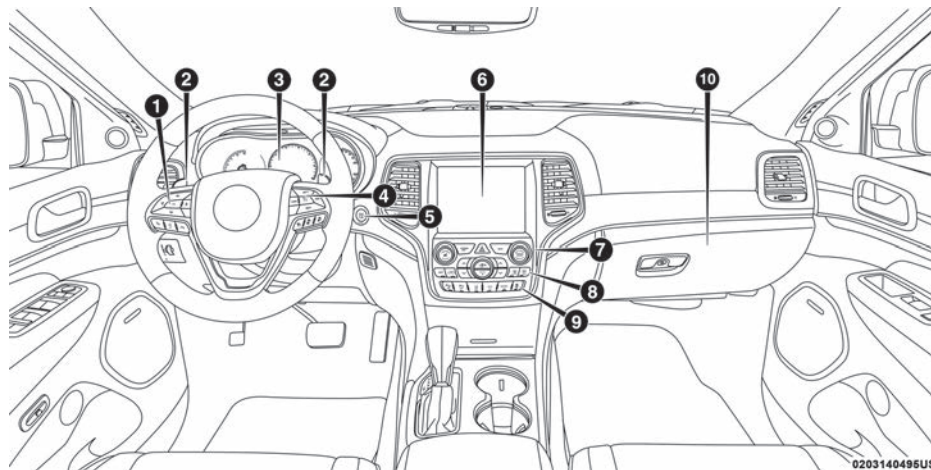


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Rear View

- 1 — Taillight
 - 2 — Rear Windshield Wiper
 - 3 — Liftgate
-

INSTRUMENT PANEL

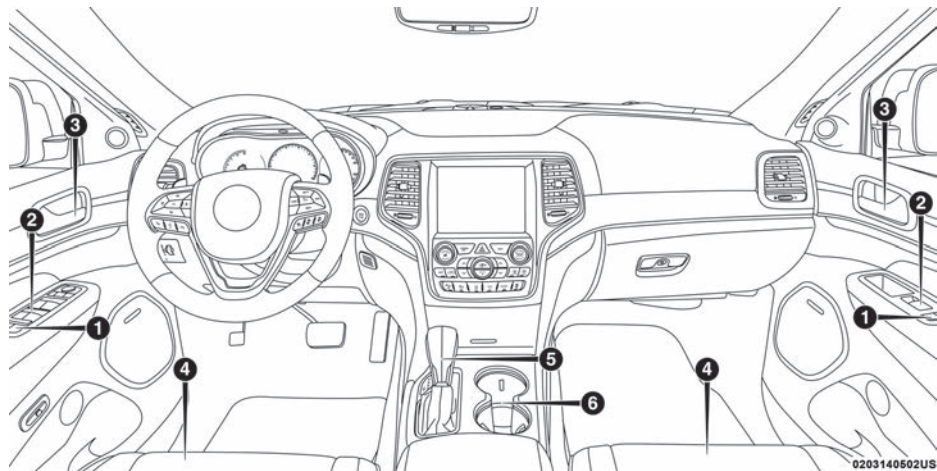


Instrument Panel

- 1 — Instrument Cluster Display Controls
- 2 — Paddle Shifters
- 3 — Instrument Cluster
- 4 — Speed Controls
- 5 — Ignition Switch

- 6 — Uconnect Radio
- 7 — Radio Controls
- 8 — Climate Controls
- 9 — Switch Panel
- 10 — Glove Compartment

INTERIOR



Interior Features

- 1 — Door Locks
- 2 — Window Switches
- 3 — Door Handles

- 4 — Seats
- 5 — Gear Selector
- 6 — Cupholders

GETTING TO KNOW YOUR VEHICLE

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KEYS

Key Fob

Your vehicle uses a keyless ignition system. The ignition system consists of a key fob with Remote Keyless Entry (RKE) and a START/STOP push button ignition system. The Remote Keyless Entry system consists of a key fob and Keyless Enter-N-Go feature if equipped.

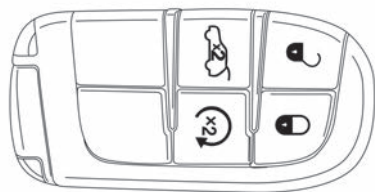
NOTE:

The key fob may not be found if it is located next to a mobile phone, laptop or other electronic device; these devices may block the key fob's wireless signal.

The key fob allows you to lock or unlock the doors and liftgate from distances up to approximately 66 ft (20 m) using a handheld key fob. The key fob does not need to be pointed at the vehicle to activate the system.

NOTE:

- With ignition on/start and the vehicle moving at 5 mph (8 km/h), all RKE commands are disabled.



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Key Fob



0301101274NA

Key Fob With Emergency Key

In case the ignition switch does not change 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.

To 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 doors and the liftgate.

All doors can be programmed to unlock on the first push of the unlock button. Refer to "Uconnect Settings" in "Multimedia" for further information.

NOTE:

If the vehicle is unlocked by a key fob, and no door is opened within 60 seconds, the vehicle will re-lock and if equipped, the security alarm will arm.

The turn signal lights will flash twice to acknowledge the unlock signal. The illuminated entry system will be activated.

1st Push Of Key Fob Unlock Button

This feature lets you program the system to unlock either the driver's door or all doors on the first push of the unlock button on the key fob. To change the current setting, refer to "Uconnect Settings" in "Multimedia" for further information.

NOTE:

If the vehicle is equipped with Passive Entry, refer to "Keyless Enter-N-Go — Passive Entry" located in "Doors" in "Getting To Know Your Vehicle" for further information.

To Lock The Doors And Liftgate

Push and release the lock button on the key fob to lock all doors and liftgate.

The turn signal lights will flash and the horn will chirp to acknowledge the signal. Refer to “Uconnect Settings” located in “Multimedia” for further programmable information.

If the vehicle is equipped with Passive Entry, refer to “Keyless Enter-N-Go — Passive Entry” located in “Doors” in “Getting To Know Your Vehicle” for further information.

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 is left inside the passenger compartment, otherwise the doors will stay locked.

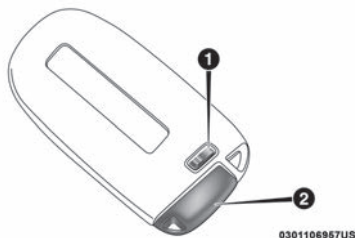
Replacing The Battery In The Key With Remote Control

The recommended replacement battery is one CR2032 battery.

NOTE:

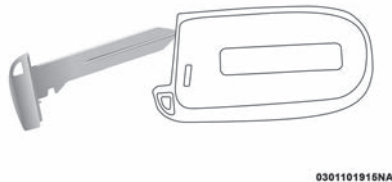
- Perchlorate Material — special handling may apply.
- Do not touch the battery terminals that are on the back housing or the printed circuit board.

1. Remove the emergency key by sliding the mechanical latch on the back of the key fob sideways with your thumb and pull the emergency key out with your other hand.

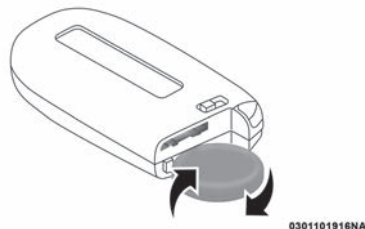


Emergency Key Removal

- 1 — Emergency Key Release Button
- 2 — Emergency Key



Emergency Key Removal



Separating Case With A Coin



Key Fob Battery Replacement

3. Remove the battery by turning the back cover over (battery facing downward) and tapping it lightly on a solid surface such as a table or similar and replace the battery. When replacing the battery, match the + sign on the battery to the + sign on the inside of the battery clip, located on the back cover. Avoid touching the new battery with your fingers.

Skin oils may cause battery deterioration. If you touch a battery, clean it with rubbing alcohol.

4. To assemble the key fob case, snap the two halves together.

Programming 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.

Request For Additional Key Fobs

NOTE:

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

WARNING!

- Always remove the key fobs from the vehicle and lock all doors when leaving the vehicle unattended.
- Always remember to place the ignition in the OFF mode.

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.

IGNITION SWITCH

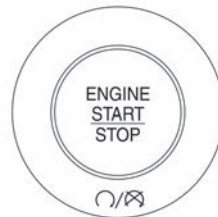
Keyless Enter-N-Go — Ignition

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 Keyless Push Button Ignition has several operating modes that are labeled and will illuminate when in position. These modes are OFF, ACC, RUN, and START.

NOTE:

If the ignition switch does not change with the push of a button, the key fob may have a low or dead battery. In this situation, a back up method can be used to operate the ignition switch. Put the nose side (side opposite of the emergency key) of the key fob against the ENGINE START/STOP button and push to operate the ignition switch.



START/STOP Ignition Button

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

OFF

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

ACC

- Engine is not started.
- Some electrical devices are available.

RUN

- Driving position.
- All the electrical devices are available.

START

- The engine will start.

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 ignition of a vehicle equipped with Keyless Enter-N-Go in the ON/RUN mode. 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 build-up 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:

Refer to "Starting The Engine," in "Starting And Operating" for further information.

Vehicle On Message

When opening the driver's door when the ignition is in RUN (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 will display "Ignition Or Accessory On" in the cluster.

NOTE:

The power window switches and power sunroof (if equipped) will remain active up to ten minutes after the ignition is cycled to the OFF position. Opening either front door will cancel this feature. The time for this feature is programmable.

WARNING!

- Before exiting a vehicle, always come to a complete stop, then shift the automatic transmission into PARK, apply the parking brake, place the engine in the OFF position, remove the key fob from the vehicle and lock your vehicle. If equipped with Keyless Enter-N-Go, always make sure the keyless ignition is in "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 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 mode. 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 build-up 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.

Electronic Steering Wheel Lock — If Equipped

Your vehicle may be equipped with a passive electronic steering wheel lock. This lock prevents steering the vehicle with the ignition OFF. The steering wheel lock releases with the ignition ON. If the lock does not disengage and the vehicle does not start, turn the wheel to the left and right to disengage the lock.

**REMOTE STARTING SYSTEM
— 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 328 ft (100 m).

The Remote Starting System also activates the Climate Control, vented seats (if equipped) in temperatures above 80° F (26.7° C), and the optional heated seats, and optional heated steering wheel in temperatures below 40° F (4.4° C). Refer to “Seats” in “Getting To Know Your Vehicle” for further information.

NOTE:

- The vehicle must be equipped with an automatic transmission to be equipped with Remote Start.
- 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 (CO) 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 Remote Start button on the key fob twice within five seconds. Pushing the Remote Start button a third time shuts the engine off.
- With remote start, the engine will only run for 15 minutes (time out) unless the ignition is placed in the ON/RUN position.
- The vehicle must be manually started with a push of the ignition START/STOP button after two consecutive time outs.

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 pushed)
- Battery at an acceptable charge level
- System not disabled from previous remote start event
- Vehicle alarm system indicator flashing
- Ignition in STOP/OFF position
- Fuel level meets minimum requirement

WARNING!

- Do not start or run an engine in a closed garage or confined area. Exhaust gas contains Carbon Monoxide (CO) 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.

Remote Start Abort Message

The following messages will display in the instrument cluster display if the vehicle fails to remote start or exits remote start prematurely:

- Remote Start Cancelled — Door Open
- Remote Start Cancelled — Hood Open
- Remote Start Cancelled — Fuel Low
- Remote Start Aborted Timer Expired
- Remote Start Aborted Liftgate Open
- Remote Start Disabled — Start Vehicle To Reset

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

To Enter Remote Start Mode

Push and release the Remote Start button on the key fob twice within five seconds. The vehicle doors will lock, the turn signals will flash twice, and the horn will chirp twice. Then the engine will start, and the vehicle will remain in the Remote Start mode for a 15-minute cycle.

NOTE:

- If an engine fault is present or fuel level is low, the vehicle will start and then shut down in 10 seconds.
- The park lamps will turn on and remain on during Remote Start mode.

- For security, power window operation is disabled when the vehicle is in the Remote Start mode.
- The engine can be started two consecutive times (two 15-minute cycles) with the key fob. However, the ignition must be placed in the ON/RUN position before you can repeat the start sequence for a third cycle.

To Exit Remote Start Mode Without Driving The Vehicle

Push and release the Remote Start button one time or allow the remote start cycle to complete the entire 15-minute cycle.

NOTE:

To avoid unintentional shutdowns, the system will disable the one time push of the Remote Start button for two seconds after receiving a valid Remote Start request.

To Exit Remote Start Mode And Drive The Vehicle

Before the end of 15-minute cycle, 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 alarm (if equipped). Then, prior to the end of the 15-minute cycle, push and release the START/STOP button.

NOTE:

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 ignition START button.

Remote Start Comfort Systems — If Equipped

When remote start is activated, the heated steering wheel and driver heated seat features will automatically turn on in cold weather. In warm weather, the driver vented seat feature will automatically turn on when the remote start is activated. These features will stay on through the duration of remote start or until the ignition switch is cycled to the ON/RUN position.

NOTE:

The Auto Comfort System can be activated and deactivated through the Uconnect system. For more information on Comfort System operation, refer to “Uconnect Settings” in “Multimedia” for further information.

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 RF receiver to prevent unauthor-

ized vehicle operation. Therefore, only key fobs that are programmed to the vehicle can be used to start and operate the vehicle. The system will not allow the engine to crank if an invalid key fob is used to start and operate the vehicle. The system will shut the engine off in two seconds if an invalid key fob is used to start the engine.

After turning the ignition switch to 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 used an invalid key fob to start the engine. Either of these conditions will result in the engine being shut off after two seconds.

If the vehicle security light turns on during normal vehicle operation (vehicle running for longer than ten 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 starting 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.

Key Programming

Key fob programming is performed at an authorized dealer.

Replacement Keys

NOTE:

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

CAUTION!

- Always remove the key fobs from the vehicle and lock all doors when leaving the vehicle unattended.
- For vehicles equipped with Keyless Enter-N-Go — Ignition, always remember to place the ignition in the OFF position.

NOTE:

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.

When having the Sentry Key Immobilizer System serviced, bring all vehicle keys with you to an authorized dealer.

Irregular Operation

The system uses a key fob, an Ignition Node Module, Keyless Push Button Ignition and a 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 will not allow the engine to crank if an invalid key fob is used to start and operate the vehicle. The system will shut the engine off in two seconds if an invalid key fob is used to start the engine.

NOTE:

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

During normal operation, after placing the keyless ignition in the ON/RUN mode, 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 used an invalid key fob to try to start the engine. Either of these conditions will result in the engine being shut off after two seconds.

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.

VEHICLE SECURITY ALARM — IF EQUIPPED

The vehicle security alarm monitors the vehicle doors, hood, liftgate, and the Keyless Enter-N-Go — Ignition for unauthorized operation. While the vehicle security alarm is armed, interior switches for door locks and liftgate release are disabled. If something triggers the alarm, the vehicle security alarm 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 alarm:

1. Make sure the vehicle's ignition is placed in the "OFF" mode.
 - 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 the interior power door lock switch with the driver and/or passenger door open.

- Push the lock button on the exterior Passive Entry Door Handle with a valid key fob available in the same exterior zone (refer to "Doors" in "Getting To Know Your Vehicle" for further information).

- Push the lock button on the key fob.

3. If any doors are open, close them.

To Disarm The System

The vehicle security alarm can be disarmed using any of the following methods:

- Push the unlock button on the key fob.
- Grasp the passive entry door handle to unlock the door, refer to "Doors" in "Getting To Know Your Vehicle" for further information.
- Cycle the ignition out of the off mode to disarm the system.

NOTE:

- The driver's door key cylinder and the liftgate button on the key fob cannot arm or disarm the vehicle security alarm.
- The vehicle security alarm remains armed during power liftgate entry. Pushing the liftgate button will not disarm the vehicle security alarm. If someone enters the vehicle through the liftgate and opens any door, the alarm will sound.
- When the vehicle security alarm is armed, the interior power door lock switches will not unlock the doors.

The vehicle security alarm 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 alarm 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 alarm.

If the vehicle security alarm is armed and the battery becomes disconnected, the vehicle security alarm 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 alarm.

Rearming Of The System

If something triggers the alarm, and no action is taken to disarm it, the vehicle security alarm will turn the horn off after 29 seconds, five seconds between cycles, up to eight cycles if the trigger remains active and the vehicle security alarm will rearm itself.

Security System Manual Override

The vehicle security alarm will not arm if you lock the doors using the manual door lock plunger.

Tamper Alert

If something has triggered the vehicle security alarm in your absence, the horn will sound three times and the exterior lights will blink three times when you disarm the vehicle security alarm. Check the vehicle for tampering.

DOORS

Manual Door Locks

The power door locks can be manually locked from inside the vehicle by using the door lock knob. To lock each door, push the door lock knob on each door trim panel downward. To unlock the front doors, pull the inside door handle to the first detent. To unlock the rear doors, pull the door lock knob on the door trim panel upward. If the lock knob is down when the door is closed, the door will lock. Therefore, make sure the key fob is not inside the vehicle before closing the door.

NOTE:

Manually locking the vehicle will not arm the vehicle security alarm.

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 keyless ignition node is in the OFF mode, remove the key fob from the vehicle and lock your vehicle.

(Continued)

WARNING! *(Continued)*

- 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 ignition of a vehicle equipped with Keyless Enter-N-Go in the ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.

Power Door Locks

The power door lock switches are located on each front door panel. Push the switch to lock or unlock the doors.



Power Door Lock Switch

The driver's door will unlock automatically if the keys are found inside the car when door lock button on trim is used to lock the door.

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.

At the third attempt, the doors will lock even if the key is inside.

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

If a rear door is locked, it cannot be opened from inside the vehicle without first unlocking the door. The door may be unlocked manually by raising the lock knob.

Keyless Enter-N-Go — Passive Entry

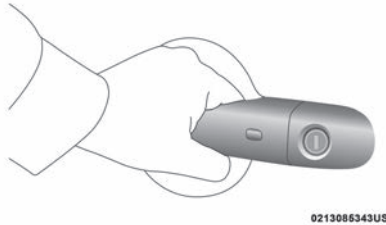
The Passive Entry system is an enhancement to the vehicle's key fob and a feature of Keyless Enter-N-Go — Passive Entry. This feature allows you to lock and unlock the vehicle's door(s) and fuel door without having to push the key fob lock or unlock buttons.

NOTE:

- Passive Entry may be programmed ON/OFF; refer to “Uconnect Settings” in “Multimedia” for further information.
- The key fob may not be able to 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 system from locking/unlocking the vehicle.
- Passive Entry Unlock initiates illuminated approach (Low Beams, License Plate Lamp, Position Lamps) for whichever time duration is set between 0, 30 (default), 60 or 90 seconds. Passive Entry Unlock also initiates two flashes of the turn signal lamps.
- If wearing gloves on your hands, or if it has been raining/snowing on the Passive Entry door handle, the unlock sensitivity can be affected, resulting in a slower response time.
- If the vehicle is unlocked by Passive Entry and no door is opened within 60 seconds, the vehicle will re-lock and if equipped will arm the security alarm.

To Unlock From The Driver Side

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



Grab The Door Handle To Unlock

NOTE:

If “Unlock All Doors 1st Press” is programmed all doors will unlock when you grab hold of the front driver's door handle. To select between “Unlock Driver Door 1st Push” and “Unlock All Doors 1st Press,” refer to “Uconnect Settings” in “Multimedia” for further information.

To Unlock From The Passenger Side

With a valid Passive Entry key fob within 5 ft (1.5 m) of the passenger door handle, grab the front passenger door handle to unlock all four doors and the liftgate automatically.

NOTE:

All doors will unlock when the front passenger door handle is grabbed regardless of the driver's door unlock preference setting (“Unlock Driver Door 1st Press” or “Unlock All Doors 1st Press”).

Preventing Inadvertent Locking Of Passive Entry Key Fob In Vehicle (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.

FOBIK-Safe only executes in vehicles with passive entry. 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 alarm is in pre-arm or armed status and the liftgate transitions from open to closed.
- When the liftgate transitions from opened 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 finds a Passive Entry key fob inside the car, the car 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 door lock knobs.
- Three attempts are made to lock the doors using the door panel switch and then close the doors.
- 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 fob within 5 ft (1.5 m) of the driver or passenger front door handles, pushing the passive entry lock button will lock the vehicle.

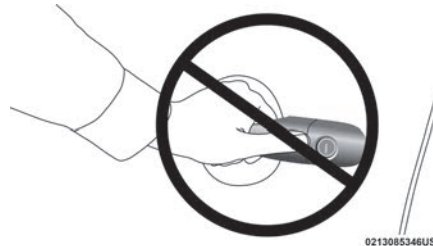


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Push The Door Handle Button To Lock

NOTE:

DO NOT grab the door handle, when pushing the door handle lock button. This could unlock the door(s).



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DO NOT Grab The Door Handle When Locking

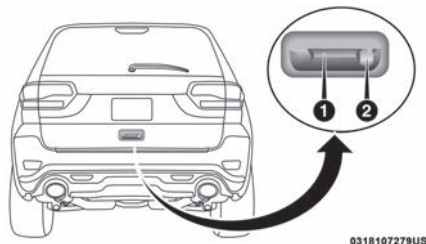
NOTE:

- After pushing the door handle button, you must wait two seconds before you can lock or unlock the doors, using either 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 reacting and unlocking.
- If Passive Entry is disabled using Uconnect System, the key protection described in "Preventing Inadvertent Locking of Passive Entry Key Fob in Vehicle" remains active/functional.
- The Passive Entry system will not operate if the key fob battery is dead.

The vehicle doors can also be locked by using the lock button located on the vehicle's interior door panel.

To Unlock/Enter The Liftgate

The liftgate passive entry unlock feature is built into the electronic liftgate release. With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, push the electronic liftgate release to open with one fluid motion.



Electronic Liftgate Release/Liftgate Passive Entry Location

- 1 — Electronic Liftgate Release
2 — Lock Button Location

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. The liftgate unlock feature is built into the electronic liftgate release.

Locking The Doors With One Or More Doors Open

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

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.
2. All doors are closed.
3. The transmission gear selector was not in PARK, then is placed in PARK.
4. Any door is opened.

Auto Relocking — If Equipped

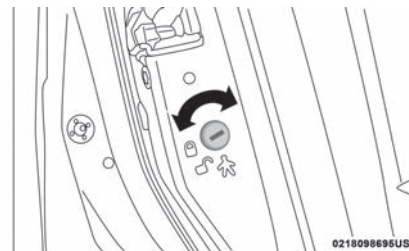
The auto door lock feature default condition is enabled. When enabled, the door locks will lock automatically when the vehicle's speed exceeds 15 mph (24 km/h). The auto door lock feature can be enabled or disabled by your authorized dealer. The auto door lock feature is enabled/disabled in the Uconnect Settings.

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 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 desired position.
- After engaging the Child-Protection Door Lock system, always test the door from the inside to make certain it is in the desired position.
- For emergency exit with the system engaged, pull up on the door lock knob (unlocked position), roll down the window, and open the door with the outside door handle.

WARNING!

Avoid trapping anyone in a vehicle in a collision. Remember that the rear doors can only be opened from the outside when the Child-Protection locks are 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 car, be sure to check that there is no one left inside.

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.

(Continued)

WARNING! (Continued)

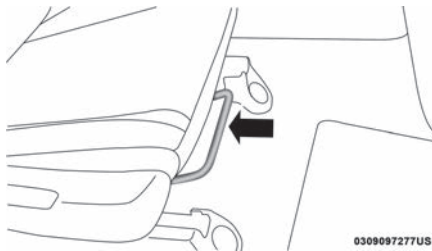
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

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.
- 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 Seats Forward/Rearward Adjustment

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



Adjustment Bar

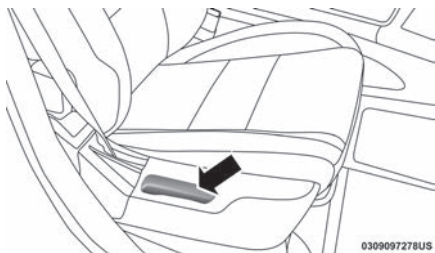
While sitting in the seat, lift up on the bar located under the seat cushion and move the seat forward or rearward. Release the bar once you have reached the desired position. Then, using body pressure, move forward and rearward on the seat to be sure that the seat adjusters have latched.

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 adjust the seatback, lift the lever located on the outboard side of the seat, lean back to the desired position and release the lever. To return the seatback, lift the lever, lean forward and release the lever.



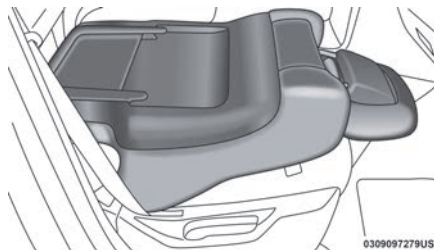
Recline Lever

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.

Front Passenger Seat Fold-Flat Feature — If Equipped

To fold the seatback to the flat load-floor position, lift the recline lever and push the seatback forward. To return to the seating position, raise the seatback and lock it into place.



Fold-Flat Passenger Seat

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 properly adjusted, and you could be severely injured or killed. Only adjust a seat while the vehicle is parked.
- Do not ride with the seatback reclined so that the seat belt is no longer resting against your chest. In a collision, you could slide under the seat belt and be severely injured or killed. Use the recliner only when the vehicle is parked.

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.

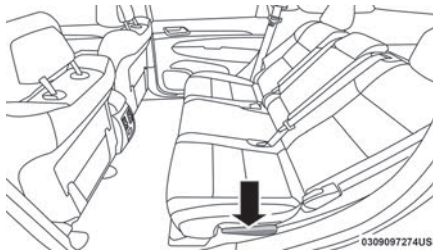
Manual Adjustment (Rear Seats)

WARNING!

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 collision.

Reclining Rear Seat

To recline the seatback, lift the lever located on the outboard side of the seat, lean back and release the lever at the desired position. To return the seatback, lift the lever, lean forward and release the lever.



Rear Seat Recline

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.

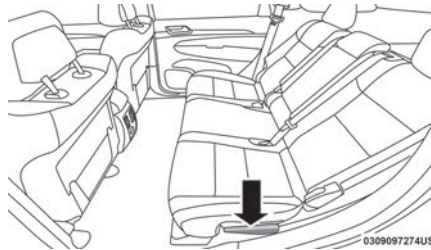
To Lower Rear Seat

Either side of the rear seat can be lowered to allow for extended cargo space and still maintain some rear seating room.

NOTE:

Be sure that the front seats are fully upright and positioned forward. This will allow the rear seatback to fold down easily.

1. Pull upward on the release lever to release the seat.



Rear Seat Release

NOTE:

- Do not fold the 60% rear seat down with the left outboard or rear center seat belt buckled.
 - Do not fold the 40% rear seat down with the right outboard seat belt buckled.
2. Fold the rear seat completely forward.



Rear Seat Folded

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 opening the seats to the open position, over time the seat cushion will return to its normal shape.

To Raise Rear Seat

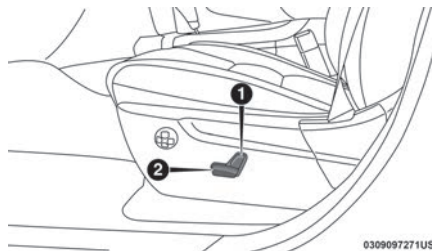
Raise the rear seatback and lock it into place. If interference from the cargo area prevents the seatback from fully locking, you will have difficulty returning the seat to its proper position.

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.
- The cargo area in the rear of the vehicle (with the rear seatbacks in the locked-up or folded down position) should not be used as a play area by children when the vehicle is in motion. They could be seriously injured in a collision. Children should be seated and using the proper restraint system.

Power Adjustment (Front Seats) — If Equipped

Some models may be equipped with eight-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.



Power Seat Switches

- 1 — Seatback Switch
2 — Seat 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 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 up or down. 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 switch forward or rearward, the seat will move in the direction of the switch. Release the switch when the desired position is reached.

WARNING!

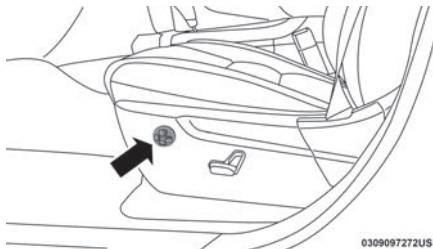
- Adjusting a seat while driving may be dangerous. Moving a seat while driving could result in loss of control which could cause a collision and serious injury or death.
- Seats should be adjusted before fastening the seat belts and while the vehicle is parked. Serious injury or death could result from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

Vehicles equipped with power driver or passenger seats may also be equipped with power lumbar. The 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.



Power Lumbar Switch

Driver Memory Seat — If Equipped

This feature allows the driver to store up to two different memory profiles for easy recall through

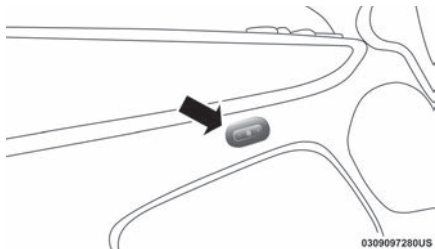
a memory switch. Each memory profile contains desired position settings for the driver seat, side mirrors, and power tilt and telescopic steering column (if equipped) and a set of desired radio station presets. Your key fob can also be programmed to recall the same positions when the unlock button is pushed.

NOTE:

Your vehicle is equipped with two key fobs, one key fob can be linked to memory position 1 and the other key fob can be linked to memory position 2.

The memory seat switch is located on the driver's door trim panel. The switch consists of three buttons:

- The set (S) button, which is used to activate the memory save function.
- The (1) and (2) buttons which are used to recall either of two pre-programmed memory profiles.



Memory Seat Switch

Programming The Memory Feature

NOTE:

To create a new memory profile, perform the following:

1. Cycle the vehicle's ignition to 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 [if equipped], 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 display which memory position has been set.

NOTE:

- Memory profiles can be set without the vehicle in PARK, but the vehicle must be in PARK to recall a memory profile.
- To set a memory profile to your key fob, refer to "Linking And Unlinking The Remote Keyless Entry Key Fob To Memory" in this section.

Linking And Unlinking The Remote Keyless Entry Key Fob To Memory

Your key fobs can be programmed to recall one of two pre-programmed memory profiles by pushing the unlock button on the key fob.

NOTE:

Before programming your key fobs you must select the "Memory Linked To Fob" feature through the Uconnect system screen. Refer to "Uconnect Settings" in "Multimedia" for further information.

To program your key fobs, perform the following:

1. Cycle the vehicle's ignition to the OFF position.
2. Select a desired memory profile, 1 or 2.

NOTE:

If a memory profile has not already been set, refer to "Programming The Memory Feature" in this section for instructions on how to set a memory profile.

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 to your memory settings by pushing the set (S) button, and within 10 seconds, followed by pushing the unlock button on the key fob.

Memory Position Recall**NOTE:**

The vehicle must be in PARK to recall memory positions. If a recall is attempted when the vehicle is not in PARK, a message will be displayed in the instrument cluster display.

Driver One Memory Position Recall

- To recall the memory settings for driver one using the memory switch, push memory button (1) on the memory switch.
- To recall the memory settings for driver one using the key fob, push the unlock button on the key fob linked to memory position 1.

Driver Two Memory Position Recall

- To recall the memory setting for driver two using the memory switch, push memory button (2) on the memory switch.
- To recall the memory settings for driver two using the key fob, push the unlock button on the key fob linked to memory position 2.

A recall can be canceled by pushing any of the memory buttons during a recall (S, 1, or 2), or by pushing any of the seat adjustment switches. When a recall is canceled, the driver's seat and steering column (if equipped) stop moving. A delay of one second will occur before another recall can be selected.

Easy Entry/Exit Seat

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 cycle the vehicle's ignition to the OFF position.

- When you cycle the vehicle's ignition to the OFF position, the driver seat will move about 2.4 inches (60 mm) rearward if the driver seat position is greater than or equal to 2.7 inches (67.7 mm) forward of the rear stop. The seat will return to its previously set position when you cycle the vehicle's ignition to the ACC or RUN position.
- The Easy Entry/Easy Exit feature is disabled when the driver seat position is less than 0.9 of an inch (22.7 mm) 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.

Each stored memory setting will have an associated Easy Entry and Easy Exit position.

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 later disabled) through the programmable features in the Uconnect system. Refer to "Uconnect Settings" in "Multimedia".

Heated Seats — If Equipped

On some models, the front and rear seats may be equipped with heaters located in the seat cushions and seat backs.




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 seat-back that insulates against heat, such as a blanket or cushion. This may cause the seat heater to overheat. 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 seat control buttons are located within the climate or controls screen of the touchscreen.

You can choose from HI, LO, or OFF heat settings. The indicator arrows in touchscreen buttons indicate the level of heat in use. Two indicator arrows will illuminate for HI, and one for LO. Turning the heating elements off will return the user to the radio screen.

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

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.

Vehicles Equipped With Remote Start

On models that are equipped with remote start, the heated seats can be programmed to come on during a remote start.

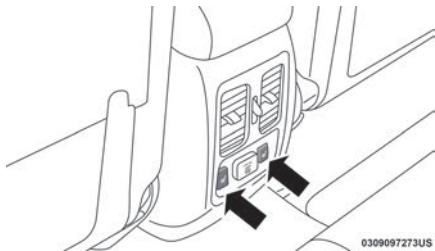
This feature can be programmed through the Uconnect system. Refer to “Uconnect Settings” in “Multimedia” for further information.

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 seat-back that insulates against heat, such as a blanket or cushion. This may cause the seat heater to overheat. Sitting in a seat that has been overheated could cause serious burns due to the increased surface temperature of the seat.




Rear Heated Seats — If Equipped

On some models, the two rear 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.



Rear Heated Seat Switches

You can choose from HI, LO, or OFF heat settings. Amber indicator lights in each switch indicate the level of heat in use. Two indicator lights will illuminate for HI, one for LO and none for OFF.

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

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




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 seat-back that insulates against heat, such as a blanket or cushion. This may cause the seat heater to overheat. Sitting in a seat that has been overheated could cause serious burns due to the increased surface temperature of the seat.

Front Ventilated Seats — If Equipped

Located in the seat cushion and seat back are fans that draw the air from the passenger compartment and move air through fine perforations in the seat cover to help keep the driver and front passenger cooler in higher ambient temperatures. The fans operate at two speeds, HI and LO.

The front ventilated seats control buttons are located within the Uconnect system. You can gain access to the control buttons through the climate screen or the controls screen.

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

NOTE:

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

Vehicles Equipped With Remote Start

On models that are equipped with remote start, the ventilated seats can be programmed to come on during a remote start.

This feature can be programmed through the Uconnect system. Refer to “Uconnect Settings” in “Multimedia” for further information.

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!

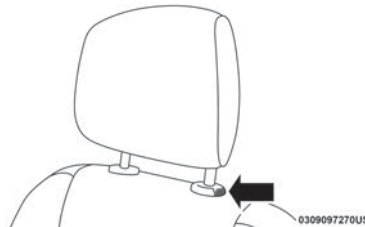
- All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat until the head restraints are placed in their proper positions in order to minimize the risk of neck injury in the event of a crash.
- Head restraints should never be adjusted while the vehicle is in motion.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

Supplemental Active Head Restraints — Front Seats

Active Head Restraints are passive, deployable components, and vehicles with this equipment cannot be readily identified by any markings, only through visual inspection of the head restraint. The Active Head Restraints (AHR) will be split in two halves, with the front half being soft foam and trim, the back half being decorative plastic.

When AHRs deploy during a rear impact, the front half of the head restraint extends forward to reduce the gap between the back of the occupant's head and the AHR. This system is design to reduce the risk of injury to the driver or front passenger in certain types of rear impacts. Refer to "Occupant Restraints" in "Safety" for further information.

To raise the head restraint, pull upward on the head restraint. To lower the head restraint, push the adjustment button, located at the base of the head restraint, and push downward on the head restraint.

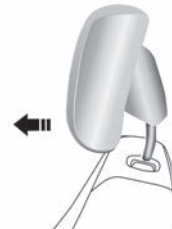


Adjustment Button

For comfort, the Active Head Restraints can be tilted forward and rearward. To tilt the head restraint closer to the back of your head, pull forward on the bottom of the head restraint. Push rearward on the bottom of the head restraint to move the head restraint away from your head.



Active Head Restraint (Normal Position)



Active Head Restraint (Tilted)

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.
- In the event of deployment of an Active Head Restraint, refer to "Occupant Restraints/Resetting Active Head Restraints (AHR)" in "Safety" for further information.

WARNING!

- ALL the head restraints MUST be reinstalled in the vehicle to properly protect the occupants.
- 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 collision.
- Do not place items over the top of the Active Head Restraint, such as coats, seat covers or portable DVD players. These items may interfere with the operation of the Active Head Restraint in the event of a collision and could result in serious injury or death.
- Active Head Restraints may be deployed if they are struck by an object such as a hand, foot or loose cargo. To avoid accidental deployment of the Active Head Restraint ensure that all cargo is secured, as loose cargo could contact the Active Head Restraint during sudden stops. Failure to follow this warning could cause personal injury if the Active Head Restraint is deployed.

Adjustment — Rear Seats

The head restraints on the outboard seats are not adjustable. They automatically fold forward when the rear seat is folded to a load floor position, but do not return to their normal position when the rear seat is raised. After returning either seat to its upright position, raise the head restraint until it locks in place. The outboard head restraints are not removable.



Folded Rear Head Restraint

The center head restraint has limited adjustment. Lift upward on the head restraint to raise it, or push downward on the head restraint to lower it.

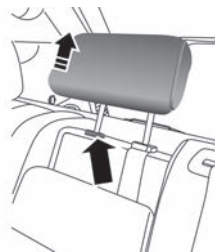
Head Restraint Removal — Rear Seats

The center head restraint can be adjusted when occupied, or removed for Child Seat Tethering. To remove the head restraint, raise it as far as it can go by pulling upward. Then, push the release button at the base of the post while pulling

the head restraint upward. To reinstall the head restraint, put the head restraint posts into the holes and push downward. Then, adjust the head restraint to the appropriate height.

WARNING!

- ALL the head restraints MUST be reinstalled in the vehicle to properly protect the occupants. Follow the re-installation instructions above prior to operating the vehicle or occupying a seat.
- Sitting in a seat with the head restraint in its lowered position could result in serious injury or death in a collision. Always make sure the outboard head restraints are in their upright positions when the seat is to be occupied.



Center Head Restraint Release Button

NOTE:

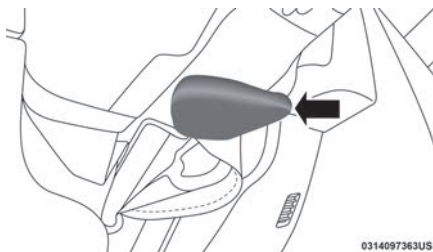
For proper routing of a Child Seat Tether, refer to “Occupant Restraints” in “Safety” for further information.

WARNING!

- A loose head restraint thrown forward in a collision or hard stop could cause serious injury or death to occupants of the vehicle. Always securely stow removed head restraints in a location outside the occupant compartment.
- ALL the head restraints **MUST** be reinstalled in the vehicle to properly protect the occupants. Follow the re-installation instructions above prior to operating the vehicle or occupying a seat.

STEERING WHEEL**Manual Tilt/Telescoping Steering Column — If Equipped**

This feature allows you to tilt the steering column upward or downward. It also allows you to lengthen or shorten the steering column. The tilt/telescoping lever is located below the steering wheel at the end of the steering column.



Tilt/Telescoping Lever

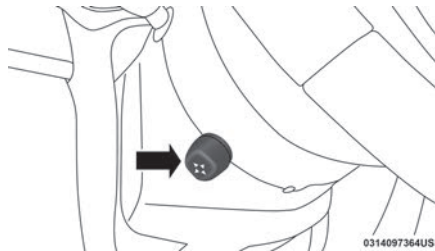
To unlock the steering column, push the lever downward (toward the floor). To tilt the steering column, move the steering wheel upward or downward as desired. To lengthen or shorten the steering column, pull the steering wheel outward or push it inward as desired. To lock the steering column in position, push the lever upward until fully engaged.

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.

Power Tilt/Telescoping Steering Column — If Equipped

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 lever is located below the multifunction lever on the steering column.



Power Tilt/Telescoping Steering Column

To tilt the steering column, move the lever up or down as desired. To lengthen or shorten the steering column, pull the lever toward you or push the lever away from you as desired.

NOTE:

For vehicles equipped with Driver Memory Seat, you can use your key fob or the memory switch on the driver’s door trim panel to return the tilt/telescopic steering column to pre-programmed positions. Refer to “Driver Memory Seat” in this section for further information.



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 only one temperature setting. 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 center of the instrument panel below the touchscreen and within the climate or controls screen of the touchscreen.

- Push the heated steering wheel button  once to turn the heating element on.
- Push the heated steering wheel button  a second time to turn the heating element off.

NOTE:

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

Vehicles Equipped With Remote Start

On models that are equipped with remote start, the heated steering wheel can be programmed to come on during a remote start.

This feature can be programmed through the Uconnect system. Refer to “Uconnect Settings” in “Multimedia” for further information.

WARNING!

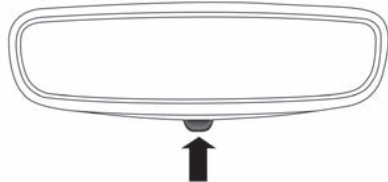
- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, exhaustion, or other physical conditions must exercise care when using the steering wheel heater. It may cause burns even at low temperatures, especially if used for long 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.

MIRRORS

Inside Day/Night Mirror — If Equipped

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

Headlight glare from vehicles behind you can be reduced by moving the small control under the mirror to the night position (toward the rear of the vehicle). The mirror should be adjusted while set in the day position (toward the windshield).



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Adjusting Rearview Mirror

Automatic Dimming Mirror — If Equipped

The mirror head can be adjusted up, down, left, and right for various drivers. 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 rear view.

You can turn the feature on or off by pushing the button at the base of the mirror. A light in the button will illuminate to indicate when the dimming feature is activated.



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Automatic Dimming Mirror

CAUTION!

To avoid damage to the mirror during cleaning, never spray any cleaning solution directly onto the mirror. Apply the solution onto a clean cloth and wipe the mirror clean.

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

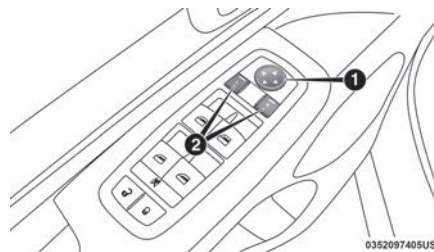
Outside Automatic Dimming Mirrors — If Equipped

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

Power Mirrors

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

The power mirror controls consist of mirror select buttons and a four-way mirror control switch. To adjust a mirror, push the mirror select button for the mirror that you want to adjust. Using the mirror control switch, push on any of the four arrows for the direction that you want the mirror to move.



Power Mirror Switch

- 1 — Mirror Direction Control
- 2 — Mirror Selection

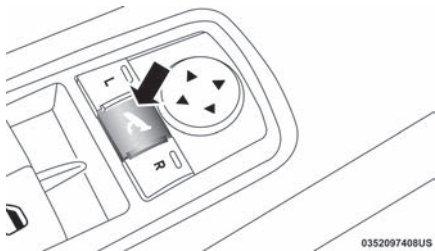
Power mirror preselected positions can be controlled by the optional Memory Seat Feature. Refer to "Driver Memory Seat" in "Getting to Know Your Vehicle" for further information.

Power Folding Outside Mirrors — If Equipped

If equipped with power folding mirrors, they can be electrically folded rearward and unfolded into the drive position.

The switch for the power folding mirrors is located between the power mirror switches L (left) and R (right). Push the switch once and the mirrors will fold in, push the switch a second time and the mirrors will return to the normal driving position.

If the mirror is manually folded after electrically cycled, a potential extra button push is required to get the mirrors back to the home position. If the mirror does not electrically fold, check for ice or dirt build up at the pivot area which can cause excessive drag.



Power Folding Mirror Switch

Automatic Power Folding Mirrors

When the Automatic Fold Mirrors feature is enabled, the exterior mirrors will fold in when

exiting the vehicle (the ignition is OFF, all doors are closed, and the doors are locked).

- If the exterior mirrors were auto-folded, they will unfold when the ignition is turned ON.
- If the exterior mirrors were manually folded, they will not automatically unfold.

NOTE:

The Automatic Fold/Unfold Mirrors feature is not turned on when delivered from the factory. The Automatic Fold/Unfold Mirrors feature can be turned on and off using the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” for further information.

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.
- 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 pushing the button (this may require multiple button pushes). This resets them to their normal position.

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). Refer to “Climate Controls” in “Getting To Know Your Vehicle” for further information.

Tilt Side Mirrors In Reverse (Available With Memory Seat Only) — 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 seat setting will have an associated Tilt Side Mirrors In Reverse position.

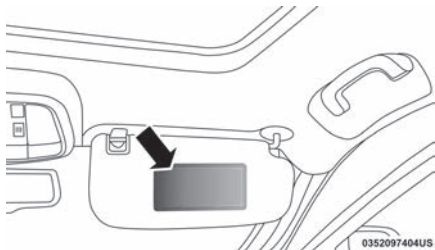
NOTE:

The Tilt Side Mirrors In Reverse feature is not turned on when delivered from the factory. The Tilt Side Mirrors In Reverse feature can be turned on and off using the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” for further information.

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.



Illuminated 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.

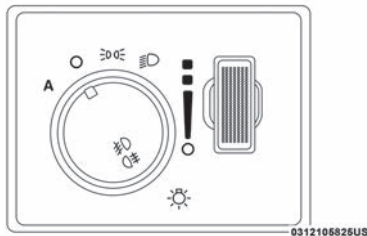
NOTE:

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.

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, cargo lights, and fog lights (if equipped).



Headlight Switch

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 off the headlights, rotate the headlight switch back to the O (off) 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.

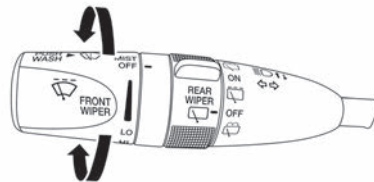
- To minimize the possibility of scratching the lenses and reducing light output, avoid wiping with a dry cloth. To remove road dirt, wash with a mild soap solution followed by rinsing.

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 — If Equipped

The Daytime Running Lights (low intensity) come on whenever the engine is running, and the transmission is not in the PARK position. The lights will remain on until the ignition is switched to the OFF or ACC position or the parking brake is engaged.

NOTE:

- If a turn signal is activated, the DRL lamp on the same side of the vehicle will turn off for the duration of the turn signal activation. Once the turn signal is no longer active, the DRL lamp will illuminate.
- The DRL function may be disabled through the Uconnect system. Refer to “Uconnect Settings” in “Multimedia” for further information.

The headlight switch must be used for normal nighttime driving.

High/Low Beam Switch

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

Automatic High Beam — If Equipped

The Automatic High Beam Headlamp Control 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 Headlamp Control can be turned on or off by selecting “ON” under “Auto High Beam” within your Uconnect settings, as well as turning the headlight switch to the AUTO position. Refer to “Uconnect Settings” in “Multimedia” for further information.
- 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 Headlamp 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 — If Equipped

This system automatically turns the headlights on or off according to ambient light levels. To turn the system on, rotate the headlight switch to the A (auto) position.

When the system is on, the Headlight Delay feature is also on. This means the headlights will stay on for up to 90 seconds after you turn the ignition switch to the OFF position. To turn the automatic headlights off, turn the headlight switch out of the A (auto) position.

NOTE:

The engine must be running before the headlights will turn on in the Automatic Mode.

Parking Lights And Panel Lights

To turn on the parking lights and instrument panel lights, rotate the headlight switch clockwise. To turn off the parking lights, rotate the headlight switch back to the O (off) position.

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 screen. Refer to “Uconnect Settings” in “Multimedia” for further information.

If your vehicle is equipped with a “Rain Sensitive Wiper System” and it is activated, the headlights will automatically turn on after the wipers complete five wipe cycles within approximately one minute, and they will turn off approximately four minutes after the wipers completely stop.

Refer to “Windshield Wipers And Washers” in “Getting To Know Your Vehicle” for further information.

NOTE:

When your headlights come on during the daytime, the instrument panel lights will automatically dim to the lower nighttime intensity.

Adaptive Bi-Xenon High Intensity Discharge Headlights — If Equipped

This system automatically swivels the headlight beam pattern horizontally to provide increased illumination in the direction the vehicle is steering.

NOTE:

- Each time the Adaptive Headlight System is turned on, the headlights will initialize by performing a brief sequence of rotations.
- The Adaptive Headlight System is active only when the vehicle is moving forward.

The Adaptive Headlight System can be turned on or off using the Uconnect System, refer to “Uconnect Settings” in “Multimedia” for further information.

Headlight Delay

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

NOTE:

- This feature can be programmed through the Uconnect system. Refer to “Uconnect Settings” in “Multimedia” for further information.
- The headlight delay feature is automatically activated if the headlight switch is left in the A (auto) position when the ignition is placed in the OFF position.

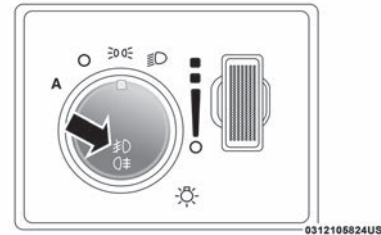
Lights-On Reminder

If the headlights, parking lights, or cargo lights are left on after the ignition is turned OFF, a chime will sound when the driver’s door is opened.

Front And Rear Fog Lights — If Equipped

The front and rear fog lights may be operated as desired when visibility is poor due to fog. The fog lights will activate in the following order: Push the headlight switch once and the front fog lights come on. Push the switch a second time and the rear fog lights will come on (front fog lights stay

on). Push the switch a third time, and the rear fog lights turn off (front fog stays on). Push the switch a fourth time, and the front fog turns off.



Fog Light Switch

NOTE:

The headlight switch must first be turned to the position lights or headlights position before the fog lamp switch can be pushed in.

Turn Signals

Move the multifunction lever up or down and the arrows on each side of the instrument cluster 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. If an indicator fails to light when the lever is moved, it would suggest that the indicator bulb is defective.

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.

Automatic Headlight Leveling — HID Headlights Only

This feature prevents the headlights from interfering with the vision of oncoming drivers. Headlight leveling automatically adjusts the height of the headlight beam in reaction to changes in vehicle pitch.

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 OFF and any door is left ajar for 10 minutes or the dimmer control is rotated all the way up to the dome on position for 10 minutes, the interior lights will automatically turn off.

NOTE:

Battery saver mode is canceled if the ignition is ON.

If the headlights remain on while the ignition is cycled OFF, 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 OFF, the exterior lights will automatically turn off.

NOTE:

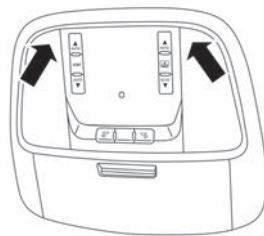
The battery saver mode is canceled if the ignition is OFF and the headlamp switch is in the park lamp position. The parking lamps will remain on and drain the vehicle's battery.

INTERIOR LIGHTS

Courtesy and dome lights are turned on when the front doors are opened or when the dimmer control (rotating wheel on the right side of the headlight switch) is rotated to its farthest upward position. 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, rotating the dimmer control all the way down, to the last (off) detent, will cause all the interior lights to go out. This is also known as the "Party" mode because it allows the doors to stay open for extended periods of time without discharging the vehicle's battery.

Courtesy Lights

The courtesy lights can be turned on by pushing the top corner of the lens. To turn the lights off, push the lens a second time.



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Courtesy Lights

Front Map/Reading Lights — If Equipped

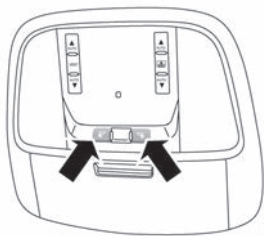
The front map/reading lights are mounted in the overhead console.



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Front Map/Reading Lights

Each light can be turned on by pushing a switch on either side of the console. These buttons are backlit for night time visibility. To turn the lights off, push the switch a second time. The lights will also turn on when the unlock button on the remote keyless entry key fob is pushed.

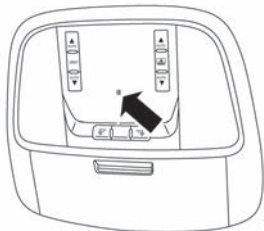


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Front Map/Reading Light Switches

Ambient Light — If Equipped

The overhead console is equipped with an ambient light feature. This light casts illumination for improved visibility of the floor and center console area.

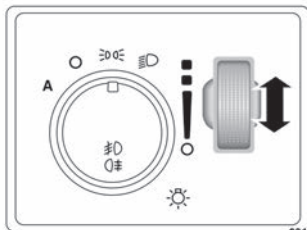


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Ambient Light

Dimmer Controls

The brightness of the instrument panel lighting can be regulated by rotating the dimmer control up (brighter) or down (dimmer). When the headlights are on you can supplement the brightness of the instrument cluster display, radio and overhead console by rotating the control to its farthest position up until you hear a click. This feature is termed the “Parade” mode and is useful when headlights are required during the day.

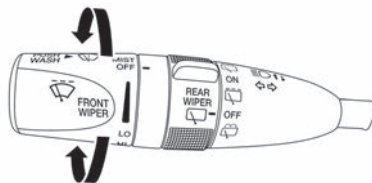


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Dimmer Control

WINDSHIELD WIPERS AND WASHERS

The windshield wiper/washer are located on the multifunction lever on the left side of the steering column. The front wipers are operated by rotating a switch, located on the end of the lever. For information on the rear wiper/washer, refer to “Rear Window Wiper/Washer” in this section.

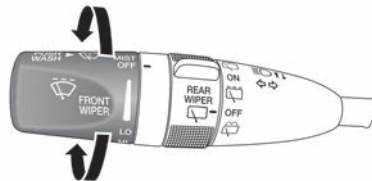


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Multifunction Lever

Windshield Wiper Operation

Rotate the end of the lever to one of the first four detent positions for intermittent settings, the fifth detent for low wiper operation and the sixth detent for high wiper operation.



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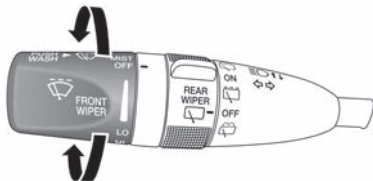
Windshield Wiper Operation

CAUTION!

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

Intermittent Wiper System

Use one of the four intermittent wiper settings when weather conditions make a single wiping cycle, with a variable delay between cycles, desirable. At driving speeds above 10 mph (16 km/h), the delay can be regulated from a maximum of approximately 18 seconds between cycles (first detent), to a cycle every one second (fourth detent).



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Intermittent Wiper Operation

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, push on the end of the lever (toward the steering wheel) and hold while spray is desired. If the lever is pushed while in the intermittent setting, the wipers will turn on and operate for several wipe cycles after the end of the lever is released, and then resume the intermittent interval previously selected.



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Windshield Washer Operation

If the end of the lever is pushed while the wipers are in the off position, the wipers will operate for several wipe 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.

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. Rotate the end of the lever downward 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 wash 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 for the driver. The feature is especially useful for road splash or overspray from the windshield washers of the vehicle ahead. Rotate the end of the multifunction lever to one of four settings to activate this feature.

The sensitivity of the system can be adjusted with the multifunction lever. Wiper delay position one is the least sensitive, and wiper delay position four is the most sensitive.

NOTE:

Wiper delay position three should be used for normal rain conditions.

Settings one and two can be used if the driver desires less wiper sensitivity. Setting four can be used if the driver desires more sensitivity. Place the wiper switch in the OFF position when not using the system.

NOTE:

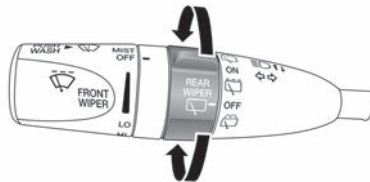
- The Rain Sensing feature will not operate when the wiper switch is in the low or high-speed position.
- The Rain Sensing feature may not function properly when ice, or dried salt water is present on the windshield.
- Use of Rain-X or products containing wax or silicone may reduce Rain Sensing performance.
- The Rain Sensing feature can be turned on and off using the Uconnect System, refer to “Uconnect Settings” in “Multimedia” for further information.

The Rain Sensing system has protection features for the wiper blades and arms, and will not operate under the following conditions:

- **Low Ambient Temperature** — When the ignition is first turned ON, the Rain Sensing system will not operate until the wiper switch is moved, vehicle speed is greater than 3 mph (5 km/h), or the outside temperature is greater than 32°F (0°C).
- **Transmission In NEUTRAL Position** — When the ignition is ON, and the automatic transmission is in the NEUTRAL position, the Rain Sensing system will not operate until the wiper switch is moved, vehicle speed is greater than 3 mph (5 km/h), or the gear selector is moved out of the NEUTRAL position.

Rear Window Wiper/Washer

The rear wiper/washer controls are located on the multifunction lever on the left side of the steering column. The rear wiper/washer is operated by rotating a switch, located at the middle of the lever.



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Rear Wiper/Washer Control



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.



Rotating the center portion upward once more will activate the washer pump which will continue to operate as long as the switch is held. Upon release of the switch, the wipers will resume the continuous rear wiper operation. When this rotary control is in the OFF position, rotating it downward will activate the rear washer pump which will continue to operate as long as the switch is held. Once the switch is released it will return to the OFF position and the wipers will cycle several times before returning to the parked position.

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 rear wiper is operating when the ignition is turned OFF, the wiper will automatically return to the “park” position.

HEADLIGHT WASHERS — IF EQUIPPED

The multifunction lever operates the headlight washers when the ignition switch is in the ON position and the headlights are turned on. The multifunction lever is located on the left side of the steering column.

To use the headlight washers, push the multifunction lever inward (toward the steering column) and release it. The headlight washers will spray a timed high-pressure spray of washer fluid onto each headlight lens. In addition, the windshield washers will spray the windshield and the windshield wipers will cycle.

NOTE:

After turning the ignition switch and headlights ON, the headlight washers will operate on the first spray of the windshield washer and then every eleventh spray after that.

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 (if equipped) and on the instrument panel below the radio.

Automatic Climate Controls Overview

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



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Uconnect 4 With 7-inch Display Automatic Climate Controls










Uconnect 4C/4C NAV With 8.4-inch Display Automatic Climate Controls



0313127590US

Control Descriptions

Icon	Description
MAX A/C	MAX A/C Button Press and release to change the current setting, the 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. NOTE: The MAX A/C setting is only available on the touchscreen.
A/C	A/C Button Press and release to change the current setting. The indicator illuminates when A/C is on.
	Recirculation Button Press and release this button on the touchscreen, or push the button on the faceplate, 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 (button on the touchscreen greyed out) 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 the Recirculation mode may make the inside air stuffy and window fogging may occur. Extended use of this mode is not recommended.
AUTO	AUTO Button Automatically controls the interior cabin temperature by adjusting airflow distribution and amount. Toggling this function will cause the system to switch between manual mode and automatic modes. Refer to “Automatic Operation” within this section for more information.

Icon	Description
	<p>Front Defrost Button The Front Defrost button changes the current airflow setting to Defrost mode. The indicator illuminates when this feature is on. Air comes from the windshield and side window demist outlets. When the defrost button is selected, the blower level may increase. Use Defrost mode with maximum temperature settings for best windshield and side window defrosting and defogging. When toggling the front defrost mode button, the climate system will return to previous setting.</p>
	<p>Rear Defrost Button The Rear Defrost Control button turns on the rear window defroster and the heated outside mirrors (if equipped). An indicator will illuminate when the rear window defroster is on. The rear window defroster automatically turns off after ten minutes.</p>
	<p>Driver And Passenger Temperature Up And Down Buttons Provides the driver and passenger with independent temperature control. Push the red button on the faceplate or touchscreen or press and slide the temperature bar towards the red arrow button on the touchscreen for warmer temperature settings. Push the blue button on the faceplate or touchscreen or press and slide the temperature bar towards the blue arrow button on the touchscreen for cooler temperature settings.</p>
<p>SYNC</p>	<p>SYNC Button Press the SYNC button on the touchscreen to toggle the SYNC feature on/off. The SYNC indicator is illuminated when this feature is enabled. SYNC is used to synchronize the passenger temperature setting with the driver temperature setting. Changing the passenger's temperature setting while in SYNC will automatically exit this feature.</p> <p>NOTE: The SYNC setting is only available on the touchscreen.</p>

Icon	Description
<p>Faceplate Knob</p>  <p>Touchscreen Buttons</p> 	<p>Blower Control</p> <p>Blower Control is used to regulate the amount of air forced through the climate system. There are seven blower speeds available. The speeds can be selected using either the blower control knob on the faceplate or the buttons on the touchscreen.</p> <ul style="list-style-type: none"> <li>• Faceplate: The blower speed increases as you turn the blower control knob clockwise from the lowest blower setting. The blower speed decreases as you turn the blower control knob counterclockwise. <li>• Touchscreen: Use the small blower icon to reduce the blower setting and the large blower icon to increase the blower setting. The blower can also be selected by pressing the blower bar area between the icons.
<p>Mode Control</p>	<p>Select Mode by pressing one of the Mode buttons on the touchscreen to change the airflow distribution mode. The airflow distribution mode can be adjusted so air comes from the instrument panel outlets, floor outlets, defrost outlets and demist outlets. The Mode settings are as follows:</p>
<p>Panel Mode</p> 	<p>Panel Mode</p> <p>Air comes from the outlets in the instrument panel. Each of these outlets can be individually adjusted to direct the flow of air. The air vanes of the center outlets and outboard outlets can be moved up and down or side to side to regulate airflow direction. There is a shut off wheel located below the air vanes to shut off or adjust the amount of airflow from these outlets.</p>
<p>Bi-Level Mode</p> 	<p>Bi-Level Mode</p> <p>Air comes from the instrument panel outlets and floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.</p> <p>NOTE:</p> <p>Bi-Level mode is designed under comfort conditions to provide cooler air out of the panel outlets and warmer air from the floor outlets.</p>

Icon	Description
<p>Floor Mode</p> 	<p>Floor Mode</p> <p>Air comes from the floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.</p>
<p>Mix Mode</p> 	<p>Mix Mode</p> <p>Air is directed through the floor, defrost, and side window demister outlets. This setting works best in cold or snowy conditions that require extra heat to the windshield. This setting is good for maintaining comfort while reducing moisture on the windshield.</p>
<p>OFF</p>	<p>Climate Control OFF Button</p> <p>This button turns the Climate Control System off.</p>

Climate Control Functions

A/C (Air Conditioning)

The Air Conditioning (A/C) button allows the operator to manually activate or deactivate the air conditioning system. When the air conditioning system is turned on, cool dehumidified air will flow through the outlets into the cabin. For improved fuel economy, press the A/C button to turn off the air conditioning and manually adjust the blower and airflow mode settings. Also, make sure to select only Panel, Bi-Level, or Floor modes.

NOTE:

- For Manual Climate Controls, if the system is in Mix, Floor or Defrost Mode, the A/C can be turned off, but the A/C system shall remain active to prevent fogging of the windows.
- If fog or mist appears on the windshield or side glass, select Defrost mode, and increase blower speed if needed.

- If your air conditioning performance seems lower than expected, check the front of the A/C condenser (located in front of the radiator), for an accumulation of dirt or insects. Clean with a gentle water spray from the front of the radiator and through the condenser.

MAX A/C

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

Press and release to toggle between MAX A/C and the prior settings. The button illuminates when MAX A/C is on.

In MAX A/C, the blower level and mode position can be adjusted to desired user settings. Pressing other settings will cause the MAX A/C operation to switch to the selected setting and MAX A/C to exit.

Recirculation

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

Automatic Temperature Control (ATC)

Automatic Operation

1. Push the AUTO button on the faceplate, or the AUTO button on the touchscreen on the Automatic Temperature Control (ATC) Panel.
2. Next, adjust the temperature that you would like the system to maintain by adjusting the driver and passenger temperature control buttons. 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 for cold or hot vehicles. The system automatically adjusts the temperature, mode, and blower speed to provide comfort as quickly as possible.
- The temperature can be displayed in U.S. or Metric units by selecting the US/Metric customer-programmable feature. Refer to the "Uconnect Settings" in "Multimedia" for further information.

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 blower will increase in speed and transition into Auto mode.

Manual Operation Override

This system offers a full complement of manual override features. The AUTO symbol in the front ATC display will be turned off when the system is being used in the manual mode.

Operating Tips

NOTE:

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

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 fresh air with the blower setting on high. This will ensure adequate system lubrication to minimize the possibility of compressor damage when the system is started again.

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.

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.














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 plenum, 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.

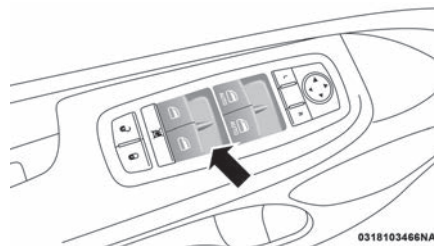
Operating Tips Chart

WEATHER	CONTROL SETTINGS
Hot weather and vehicle interior is very hot 	Set the mode control to  on, and blower on high. Roll down the windows for a minute to flush out the hot air. Once comfort is achieved adjust controls for comfort.
Warm weather 	Turn  on and set the mode control to the  position.
Cool Sunny 	Operate in  position.
Cool & Humid conditions 	Set the mode control to  and turn on  to keep windows clear.
Cold Weather 	Set the mode control to the  position. If windshield fogging starts to occur, move the control towards the  position.

WINDOWS

Power Window Controls

The window controls on the driver's door control all the door windows.



Power Window Switches

There are single window controls on each passenger door trim panel, which operate the passenger door windows. The window controls will operate only when the ignition is in the ACC or ON/RUN position.

If equipped, the key fob may also be used to raise or lower vehicle windows while the ignition is in the "OFF" position. Refer to "Keys" in "Getting To Know Your Vehicle" for further information.

NOTE:

For vehicles equipped with Uconnect, the power window switches will remain active for up to 10 minutes after the ignition is cycled to the OFF position. Opening either front door will cancel this feature. The time is programmable. Refer to "Uconnect Settings" in "Multimedia" for further information.

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 ignition of a vehicle equipped with Keyless Enter-N-Go in the ACC or ON/RUN mode. 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.

Auto-Down Feature

The driver door power window switch and the front and rear passenger doors window switches have an Auto-Down feature.

Push the window switch down for half a second and release. 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.

To open the window part way (manually), push the window switch down briefly and release.

Auto-Up Feature With Anti-Pinch Protection

Lift the window switch up, for a short period of time, and release and 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.

NOTE:

- 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.
- 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.

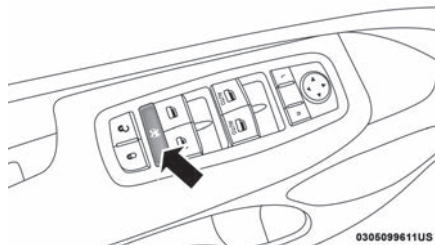
Reset Auto-Up

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

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. Push the window switch down firmly to open the window completely and continue to hold the switch down for an additional two seconds after the window is fully open.

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 back off).



Window Lockout Switch

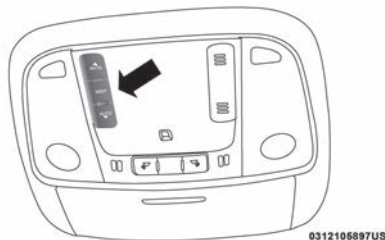
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Wind Buffeting

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.

POWER SUNROOF — IF EQUIPPED

The power sunroof switch is located between the sun visors on the overhead console.



Power Sunroof Switch

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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 ignition of a vehicle equipped with Keyless Enter-N-Go in the ACC or ON/RUN mode. 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.
- 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 Sunroof

Express

Push the switch rearward and release it within one-half second and the sunroof will open automatically from any position. The sunroof will open fully and stop automatically. This is called “Express Open”. During Express Open operation, any other actuation of the sunroof switch will stop the sunroof.

Manual

To open the sunroof, push and hold the switch rearward to full open. Any release of the switch will stop the movement. The sunroof and sunshade will remain in a partially opened condition until the sunroof switch is pushed again.

Closing Sunroof

Express

Push the switch forward and release it within one-half second and the sunroof will close automatically from any position. The sunroof will close fully and stop automatically. This is called “Express Close”. During Express Close operation, any other actuation of the switch will stop the sunroof.

Manual

To close the sunroof, push and hold the switch in the forward position. Any release of the switch will stop the movement and the sunroof will remain in a partially closed condition until the sunroof switch is pushed again.

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, then 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.

Sunshade Operation

The sunshade can be opened manually. However, the sunshade will open automatically as the sunroof opens.

NOTE:

The sunshade cannot be closed if the sunroof is open.

Pinch Protect Feature

This feature will detect an obstruction in the closing of the sunroof during the 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.

Venting Sunroof — Express

Push and release the Vent button within one half second and the sunroof will open to the vent position. This is called “Express Vent” and it will occur regardless of sunroof position. During Express Vent operation, any movement of the switch will stop the sunroof.

Sunroof Maintenance

Use only a non-abrasive cleaner and a soft cloth to clean the glass panel.

Relearn Procedure

For vehicles equipped with a single-pane sunroof, there is a relearn procedure that allows you to reset the sunroof when the “Express Open” feature stops working. To reset the sunroof, follow these steps:

1. Set the ignition to the ACC or ON/RUN position.
2. Make sure that the sunroof is fully closed.
3. Push sunroof switch forward and hold. The sunroof will close fully then move to the Vent position after 10 seconds.

4. Release the sunroof switch, then push forward and hold the switch again within 5 seconds to begin the relearn process. The sunroof will complete one full cycle and return to the Fully Closed position.

NOTE:

If the sunroof switch is released anytime during the relearn cycle, the procedure will need to be repeated starting from the first step.

5. Once the sunroof has stopped in the Fully Closed position, release the sunroof switch. The sunroof is now reset and ready to use.

COMMANDVIEW SUNROOF WITH POWER SHADE — IF EQUIPPED

The CommandView sunroof switch is located to the left between the sun visors on the overhead console.

The power shade switch is located to the right between the sun visors on the overhead console.



CommandView Sunroof And Power Shade Switches

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 ignition of a vehicle equipped with Keyless Enter-N-Go in the ACC or ON/RUN mode. 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.

(Continued)

WARNING! (Continued)

- 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.
- 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 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 has been optimized to minimize wind buffeting.

Express

Push the switch rearward and release it within one-half second. The sunroof will open automatically to the comfort stop position. Push the switch rearward and release it again, the sunroof will open to the full open position and automatically stop. This is called "Express Open". During Express Open operation, any movement of the sunroof switch will stop the sunroof.

Manual Mode

To open the sunroof, push and hold the switch rearward. The sunroof will stop automatically at the comfort stop position. Push and hold the switch rearward again, the sunroof will open to the full open position and automatically stop. Any release of the switch will stop the movement. The sunroof and sunshade will remain in a partially opened condition until the switch is pushed and held rearward again.

NOTE:

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

Closing Sunroof

Express Close

Push the switch forward and release it within one-half second and the sunroof will close automatically from any position. During Express Close operation, any other actuation of the sunroof switches will stop the sunroof in a partially open position.

Manual Close

Push and hold the switch forward and the sunroof will close from any position and stop at full closed position. Releasing the switch while the sunroof is in motion will stop the sunroof in a partially open position.

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, then 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.

Opening Power Shade

The sunshade has two programmed 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 actuated again to continue on to full open position.

Express Open

Push the sunshade switch rearward and release it within one-half second, the sunshade will open to the half open position and stop automatically. Push and release the switch again from the half open position and the sunshade will open to the full open position and stop automatically. During Express Open operation, any other actuation of the sunroof switches will stop the sunshade in a partially open position.

Manual Open

Push and hold the sunshade switch rearward, the sunshade will open to the half open position and stop automatically. Push and hold the sunshade switch again and the sunshade will open to the full open position. Releasing the switch while the sunshade is in motion will stop the sunshade in a partially open position.

Closing Power Shade

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 Close

Push the sunshade switch forward and release it within one-half second and the sunshade will close automatically. During Express Close operation, any other actuation of the sunroof switches will stop the sunshade in a partially open position.

Manual Close

Push and hold the switch forward and the sunshade will close and stop at full closed position. 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.

Venting Sunroof — Express

Push and release the "Vent" button within one-half second and the sunroof will open to the vent position. This is called "Express Vent", and it will occur regardless of sunroof position. During Express Vent operation, any movement of the switch will stop the sunroof.

NOTE:

If the sunshade is in the closed position when the vent switch is pushed, the sunshade will automatically cycle to the halfway open position prior to the sunroof opening to the Vent position.

Sunroof Maintenance

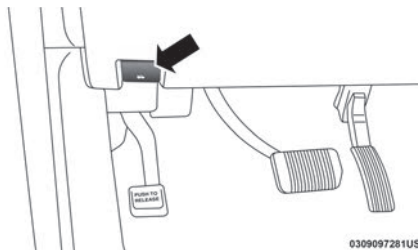
Use only a non-abrasive cleaner and a soft cloth to clean the glass panel.

HOOD

To Open The Hood

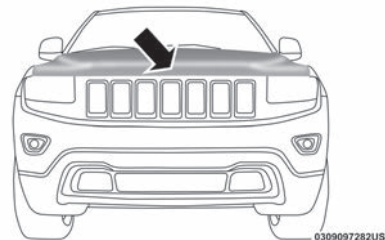
To open the hood, two latches must be released.

1. Pull the release lever located below the instrument panel and in front of the driver's door.



Hood Release

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



Safety Latch Location

To Close The Hood

1. Hold up the hood with one hand and with the other hand remove the support rod from the engine compartment and reinsert it into the locking tab.
2. Lower the hood to approximately 12 inches (30 cm) from the engine compartment and drop it. Make sure that the hood is completely closed.

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.

CAUTION!

To prevent possible damage, do not slam the hood to close it. Lower hood to approximately 12 inches (30 cm) and drop the hood to close. Make sure hood is fully closed for both latches. Never drive vehicle unless hood is fully closed, with both latches engaged.

LIFTGATE

Opening

The liftgate can be opened from inside the vehicle using the power liftgate button on the overhead console, using the key fob outside of the vehicle or the electronic liftgate release.

To Unlock/Enter The Liftgate

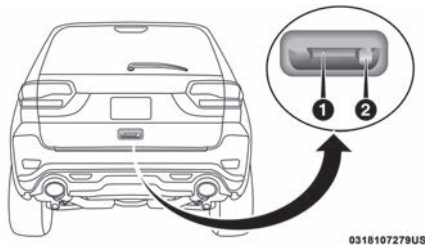
The liftgate may be released in several ways:

- Key fob
- Outside handle
- Button on overhead console

The liftgate passive entry unlock feature is built into the electronic liftgate release. With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, push the electronic liftgate release to open with one fluid motion. Push the button on the key fob twice within five seconds to release the liftgate.

NOTE:

If "Unlock All Doors 1st Press" is programmed in the instrument cluster display, all doors will unlock when you push the electronic release on the liftgate. If "Unlock Driver Door 1st Press" is programmed in Uconnect, only the liftgate will unlock when you push the electronic release on the liftgate. Refer to "Uconnect Settings" in "Multimedia" for further information.



Passive Entry/Lock Button Location

1 — Electronic Liftgate Release 2 — Lock Button Location

NOTE:

Use the power door lock switch on either front door trim panel or the key fob to lock and unlock the liftgate. The manual door locks on the doors and the driver's door lock cylinder will not lock and unlock the liftgate.

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.

Closing

To manually close the liftgate, grasp the liftgate closing handle and initiate the lowering of the liftgate. Release the handle when the liftgate is partially closed and the momentum will fully close the liftgate.

To Lock The Liftgate

With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, pushing the Keyless Enter-N-Go — Passive Entry lock button located to the left of the outside handle release will lock the vehicle.

The power liftgate may be closed by pushing the button, located in the upper left trim in the liftgate opening. Pushing button will only close the liftgate. This button cannot be used to open the liftgate.

NOTE:

The liftgate unlock feature is built into the electronic liftgate release.

Power Liftgate — If Equipped



The power liftgate may be opened by pushing the electronic liftgate release (refer to “Keyless Enter-N-Go — Passive Entry” located in “Getting To Know Your Vehicle” for further information), or by pushing the liftgate button on the key fob. 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.

The power liftgate may also be opened or closed by pushing the liftgate button located on the front overhead console. If the liftgate is fully open, the liftgate can be closed by pushing the liftgate button located on the left rear trim panel, near the liftgate opening. If the liftgate is in motion, pushing the liftgate button located on the left rear trim panel will reverse the liftgate.

When the liftgate button on the key fob is pushed two times, the turn signals will flash to signal that the liftgate is opening or closing (if Flash Lamps with Lock is enabled in the Uconnect settings), and the liftgate chime will be audible. Refer to “Uconnect Settings” in “Multi-media” for further information.

NOTE:

- In the event of a power malfunction to the liftgate, an emergency liftgate latch release can be used to open the liftgate. The emergency liftgate latch release can be accessed through a snap-in cover located on the liftgate trim panel.
- If liftgate is left open for an extended period of time, the liftgate may need to be closed manually to reset power liftgate functionality.

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.

NOTE:

- The power liftgate buttons will not operate if the vehicle is in gear or the vehicle speed is above 0 MPH (0 km/h).
- The power liftgate will not operate in temperatures below -22°F (-30°C) or temperatures above 150°F (65°C). Be sure to remove any buildup of snow or ice from the liftgate before pushing any of the power liftgate switches.
- If anything obstructs the power liftgate while it is closing or opening, the liftgate will automatically reverse to the closed or open position, provided it meets sufficient resistance.

- There are also pinch sensors attached to the side of the liftgate. Light pressure anywhere along these strips will cause the liftgate to return to the open position.
- If the liftgate is not fully open, push the liftgate button on the key fob twice to operate the liftgate.
- If the electronic liftgate release is pushed while the power liftgate is closing, the liftgate will reverse to the full open position.
- If the electronic liftgate release is pushed while the power liftgate is opening, the liftgate motor will disengage to allow manual operation.
- If the power liftgate encounters multiple obstructions within the same cycle, the system will automatically stop and the liftgate must be opened or closed manually.

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.
- 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.

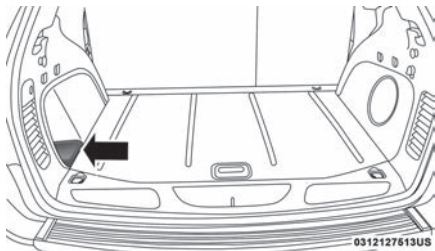
Cargo Area Features

Cargo Storage Bins

There are up to four removable storage bins located in the rear cargo area. There are two storage bins located on either side of the cargo area.

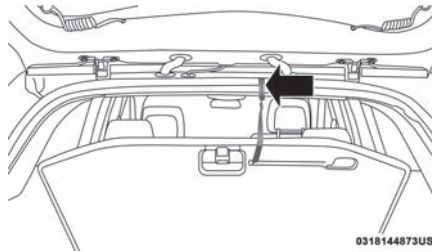
NOTE:

If your vehicle is equipped with a rear subwoofer, the storage bin on that side will not be available.

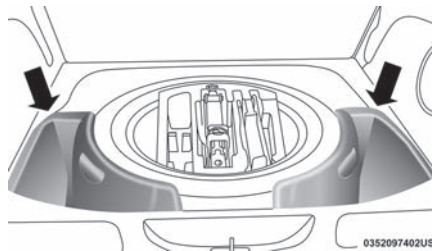


Rear Storage Bin

Two additional storage bins are located under the load floor. To access the lower storage bins, raise the load floor and attach the tether strap (attached to the bottom of the load floor) to the liftgate opening.



Tether Strap



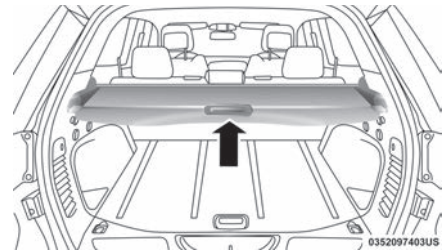
Rear Lower Storage Bins

Retractable Cargo Area Cover — If Equipped

NOTE:

The purpose of this cover is for privacy, not to secure loads. It will not prevent cargo from shifting or protect passengers from loose cargo. To cover the cargo area:

1. Grasp the cover at the center handle. Pull it over the cargo area.
2. Insert the pins on the ends of the cover into the slots in the pillar trim cover.
3. The liftgate may be opened with the cargo cover in place.



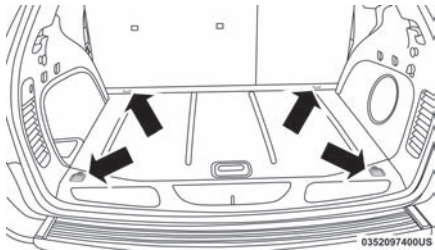
Rear Cargo Cover

WARNING!

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

Rear Cargo Tie-Downs

The rear cargo tie-downs, located on the cargo area floor, should be used to safely secure loads when the vehicle is moving.



Rear Cargo Tie-Downs

WARNING!

- 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.
- Cargo tie-down hooks are not safe anchors for a child seat tether strap. In a sudden stop or accident, a hook 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.

(Continued)

WARNING! *(Continued)*

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:

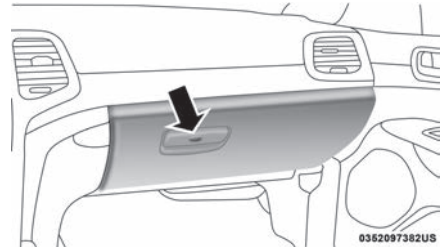
- Do not carry loads which exceed the load limits described on the label attached to the left door or left door center pillar.
- Always place cargo evenly on the cargo floor. Put heavier objects as low and as far forward as possible.
- Place as much cargo as possible in front of the rear axle. Too much weight or improperly placed weight over or behind the rear axle can cause the rear of 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.

INTERNAL EQUIPMENT

Storage

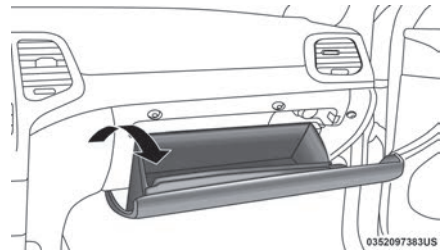
Glove Compartment

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



Glove Compartment

To open the glove compartment, pull the release handle.



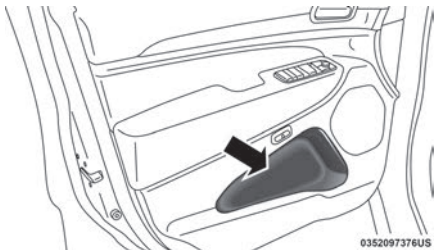
Opened Glove Compartment

WARNING!

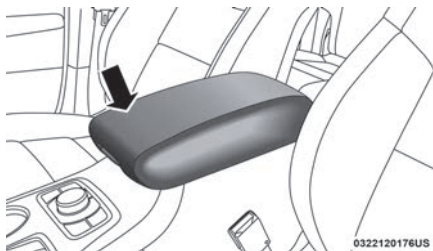
Do not operate this vehicle with a glove compartment in the open position. Driving with the glove compartment open may result in injury in a collision.

Door Storage

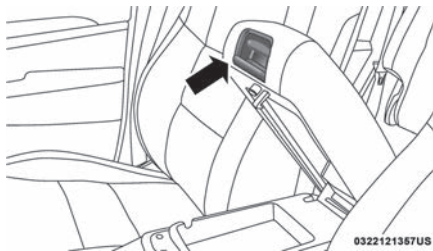
Large storage areas are built into the door panels for easy access.

**Door Panel Storage****Console Features**

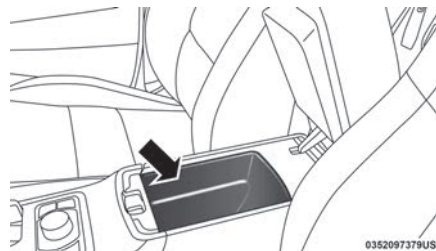
The center console contains both an upper and a lower storage area.

**Storage Compartment**

To open the upper storage compartment, pull upward on the small latch located on the lid.

**Storage Compartment Latches**

Lift upward on the larger of the latches to access the lower storage compartment.

**Lower Storage Compartment**

Your vehicle may have an optional CD or DVD player located in the center console.

**Lower Storage Compartment CD/DVD Player — If Equipped**

WARNING!

Do not operate this vehicle with a console compartment lid in the open position. Driving with the console compartment lid open may result in injury in a collision.

Overhead Console

The overhead console contains courtesy/reading lights and storage for sunglasses. Power liftgate and power sunroof switches may also be included, if equipped.



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Overhead Console

Cupholders

There are two cupholders for the front seat passengers located in the center console.



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Front Cupholders

There are two cupholders for the rear seat passengers located in the fold-down center armrest.



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Rear Cupholders

Electrical Power Outlets

Your vehicle is equipped with 12 Volt (15 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” are powered when the ignition is in the ON or ACC position, while the outlets labeled with a “battery” are connected directly to the battery and powered at all times.

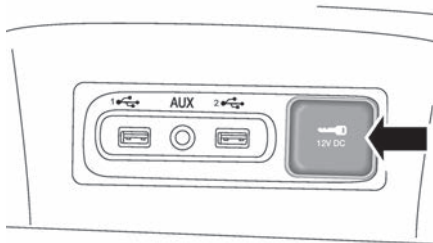
NOTE:

- 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.

CAUTION!

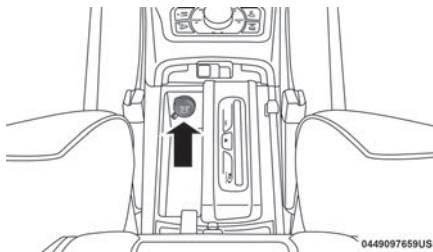
Power outlets are designed for accessory plugs only. Do not insert any other object in the power outlets as this will damage the outlet and blow the fuse. Improper use of the power outlet can cause damage not covered by your New Vehicle Limited Warranty.

The front power outlet is located inside the storage area on the center stack of the instrument panel. Push inward on the storage lid to open the compartment and gain access to this power outlet.



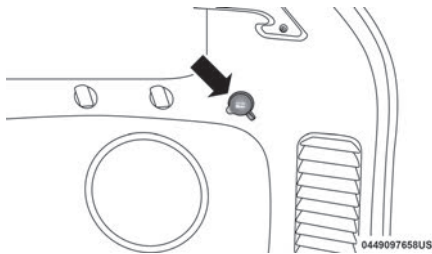
Front Power Outlet

In addition to the front power outlet, there is also a power outlet located in the storage area of the center console.



Center Console Outlet

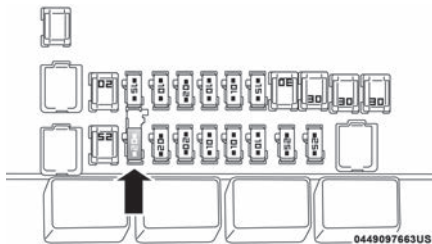
The rear power outlet is located in the right rear cargo area.



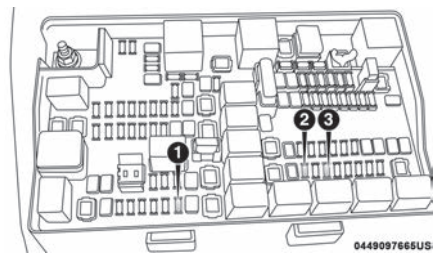
Rear Cargo Power Outlet

NOTE:

The rear power outlet can be switched from switched “ignition” only to constant “battery” powered all the time. See your local authorized dealer for details.



Power Outlet Right Rear Quarter Panel Fuse



Power Outlet Fuse Locations

- 1 — F104 Fuse 20 Amp Yellow Power Outlet Console Bin
- 2 — F90–F91 Fuse 20 Amp Yellow Power Outlet Right Rear Quarter Panel
- 3 — F93 Fuse 20 Amp Yellow Cigar Lighter Instrument Panel

WARNING!

To avoid serious injury or death:

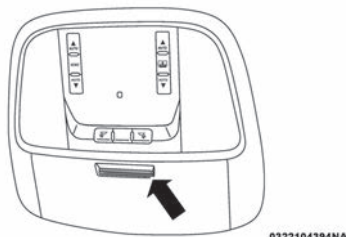
- Only devices designed for use in this type of outlet should be inserted into any 12 Volt outlet.
- Do not touch with wet hands.
- Close the lid when not in use and while driving the vehicle.
- If this outlet is mishandled, it may cause an electric shock and failure.

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.

Sunglasses Bin Door

At the front of the console, a compartment is provided for storing 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.



Sunglasses Bin Door

ROOF LUGGAGE RACK — IF EQUIPPED

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

NOTE:

If not equipped with crossbars, your authorized dealer can order and install Mopar crossbars built specifically for this roof rack system.

Distribute cargo weight evenly on the roof rack crossbars. 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.

To move the crossbars, loosen the attachments, located at the upper edge of each crossbar, approximately eight turns using the anti-theft

wrench provided with the Mopar crossbars. Then, move the crossbar to the desired position, keeping the crossbars parallel to the rack frame. Once the crossbar is in the desired position, retighten the with the wrench to lock the crossbar into position.

NOTE:

- To help control wind noise when the crossbars are not in use, place the front and rear crossbars approximately 24 inches (61 cm) apart. Optimal noise reduction can then be achieved by adjusting the front crossbar forward or aft using increments of 1 inch (2.5 cm).
- If any cargo (or any metallic object) is placed over the satellite radio antenna (if equipped), you may experience interruption of satellite radio reception. For improved satellite radio reception, avoid placing the rear crossbar over the satellite radio antenna.

WARNING!

Cargo must be securely tied down before driving your vehicle. Improperly secured loads can fly off the vehicle, particularly at high speeds, resulting in personal injury or property damage. Follow the roof rack cautions when carrying cargo on your 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 some other protection 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 secure the load appropriately.
- Long loads which 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.
- Place a blanket or other protection between the surface of the roof and the load.
- 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.

(Continued)

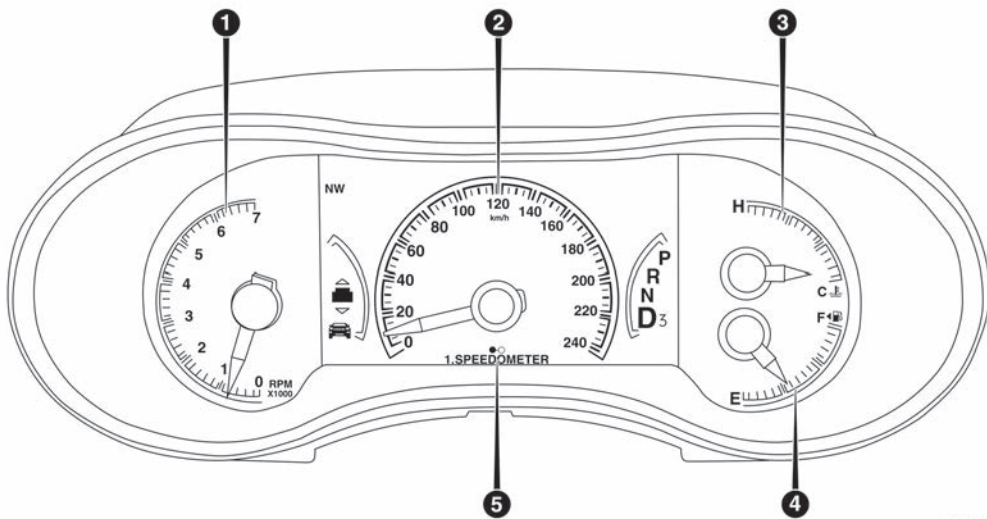
CAUTION! (Continued)

- The use of Sport Mode is not recommended when using the Roof Luggage Rack to carry a load.

GETTING TO KNOW YOUR INSTRUMENT PANEL

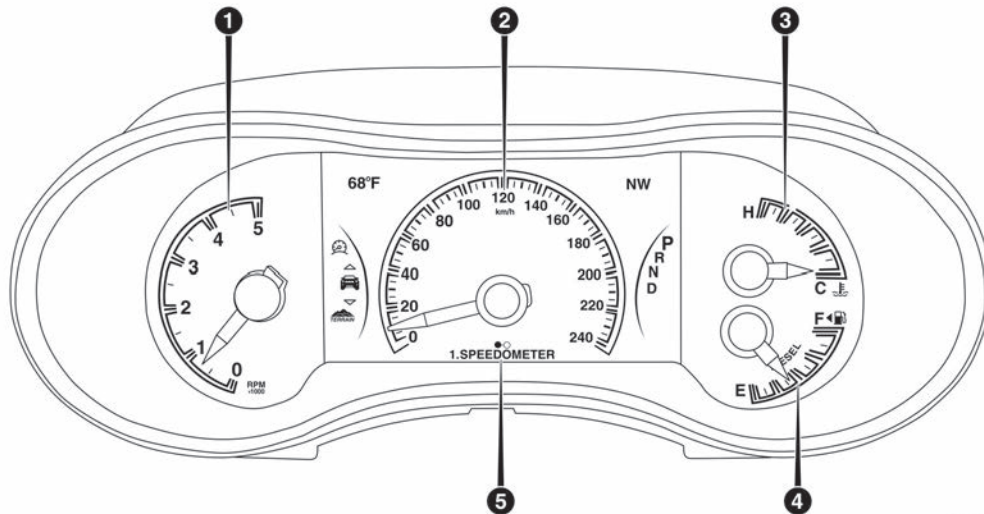
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INSTRUMENT CLUSTER



Instrument Cluster

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Diesel Instrument Cluster

Instrument Cluster Descriptions

1. Tachometer
 - Indicates the engine speed in revolutions per minute (RPM x 1000).
2. Speedometer
 - Indicates vehicle speed.
3. 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 gauge pointer will likely indicate a higher temperature when driving in hot weather or up mountain grades. 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. You may want 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.

4. Fuel Gauge

- The pointer shows the level of fuel in the fuel tank when the ignition is in the ON/RUN position.
-  The fuel pump symbol points to the side of the vehicle where the fuel door is located.

5. Instrument Cluster Display

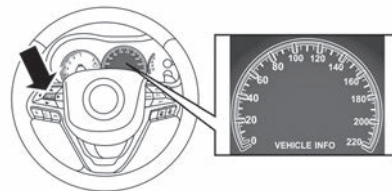
- The instrument cluster display features a driver-interactive display. Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for further information.

INSTRUMENT CLUSTER DISPLAY

Your vehicle will be equipped with an instrument cluster display, which offers useful information to the driver. With the ignition in the STOP/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 you 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 sub-menus. You can access the specific information you want and make selections and adjustments.

Instrument Cluster Display Location And Controls

The instrument cluster display is located in the center of the instrument cluster.



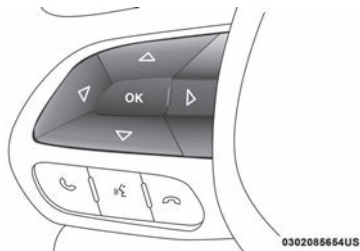
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Instrument Cluster Display Location

The Main Menu items consists of the following:

- Speedometer
- Vehicle Info
- Terrain — If Equipped
- Driver Assist — If Equipped
- Fuel Economy
- Trip
- Stop/Start — If Equipped
- Audio
- Stored Messages
- Screen Setup
- Speed Warning

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



Instrument Cluster Display Control Buttons

- **Up Arrow Button**



Push and release the **up** arrow button to scroll upward through the Main Menu items.

- **Down Arrow Button**



Push and release the **down** arrow button to scroll downward through the Main Menu items.

- **Right Arrow Button**



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

- **Left Arrow Button**



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

- **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** arrow button for two seconds to reset displayed/selected features that can be reset.

Oil Change Reset — If Equipped

Your vehicle may be 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.

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

Oil Life Reset

1. Without pushing the brake pedal, place the ignition in the ON/RUN mode (do not start the engine).
2. Navigate to "Oil Life" submenu in "Vehicle Info" in the instrument cluster display.
3. Push and hold the **OK** button until the gauge resets to 100%.

Secondary Method For Oil Change Reset Procedure

1. Without pushing the brake pedal, place the ignition in the ON/RUN position (do not start the engine).
2. Fully press the accelerator pedal, slowly, three times within ten seconds.
3. Without pushing the brake pedal, place the ignition in the OFF/LOCK 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.

Instrument Cluster Display Messages

Includes the following, but not limited to:

- Front Seatbelts Unbuckled
- Driver Seat Belt Unbuckled
- Passenger Seat Belt Unbuckled
- Traction Control Off
- Washer Fluid Low
- Oil Pressure Low
- Oil Change Due
- Fuel Low
- Service Anti-lock Brake System
- Service Electronic Throttle Control
- Service Power Steering
- Cruise Control Off
- Cruise Control Ready
- ACC Driver Override
- Cruise Control Set To XXX MPH
- Tire Pressure Screen With Low Tire(s) "Inflate Tire to XX"
- Service Tire Pressure System
- Speed Warning Set To XXX MPH
- Speed Warning Exceeded
- Parking Brake Engaged
- Brake Fluid Low
- Service Electronic Braking System
- 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 — If Equipped
- Remote Start Canceled Fuel Low — If Equipped
- Remote Start Canceled Too Cold — If Equipped
- Remote Start Canceled Door Open — If Equipped
- Remote Start Canceled Hood Open — If Equipped
- Remote Start Canceled Liftgate Open — If Equipped
- Remote Start Canceled Time Expired — If Equipped
- Remote Start Disabled Start To Reset — If Equipped
- Service Air Bag System
- Service Air Bag Warning Light
- Door Open
- Doors Open
- Liftgate Open
- Hood Open
- Shift Not Allowed
- Vehicle Speed Is Too High To Shift To D
- Vehicle Speed Is Too High To Shift To R
- Vehicle Speed Is Too High To Shift To P
- Service Transmission
- Service Shifter
- Service Air Suspension System
- Normal Ride Height Achieved
- Aerodynamic Ride Height Achieved
- Off Road 1 Ride Height Achieved
- Off Road 2 Ride Height Achieved
- Entry/Exit Ride Height Achieved
- Selected Ride Height Not Permitted
- Service Air Suspension System Immediately
- Reduce Speed To Maintain Selected Ride Height
- Air Suspension System Cooling Down Please Wait
- Vehicle Cannot Be Lowered Door Open
- Air Suspension Temporarily Disabled
- Battery Low Start Engine To Change Ride Height

The Reconfigurable Telltales section are divided into the white or green telltales area on the right, and the amber or red telltales area on the left.

Instrument Cluster Display Menu Items

NOTE:

The instrument cluster display menu items display in the center of the instrument cluster. Menu items may vary depending on your vehicle features.

Speedometer

Push and release the **up** or **down** arrow button until the main gauge menu icon is displayed in the instrument cluster display. Push and release the **left** or **right** arrow button to select the analog or digital type speedometer display. Push and release the **OK** button to toggle units (mph or km/h) of the speedometer.

Accessibility — If Equipped

Accessibility is a feature of the DVD/Blu-ray system that announces a function prior to performing the action. For further information refer to “Uconnect Settings” in “Multimedia.”

Vehicle Info

Push and release the **up** or **down** arrow button until the Vehicle Info menu icon is displayed in the instrument cluster display. Push and release the **left** or **right** arrow button to scroll through the information submenus and push and release the **OK** button to select or reset the resettable submenus.

• Tire Pressure	• Oil Pressure
• Transmission Temperature	• Oil Life
• Oil Temperature	• Battery Voltage

Terrain — If Equipped

Push and release the **up** or **down** arrow button until the Terrain icon/title is highlighted in the instrument cluster display. Push and release the **right** or **left** arrow button to display the Selec-Terrain, Air Suspension, Drivetrain, and Wheel Articulation.

Selec-Terrain: Displays messages concerning Selec-Terrain status.

Air Suspension — If Equipped: Displays messages concerning Air Suspension status.

Drivetrain: Displays information on drivetrain status of Front Wheel Angle, T-Case, and Axle Lock.

Wheel Articulation: Displays current wheel articulation.

Driver Assist

Push and release the **up** or **down** arrow button until the Driver Assist menu title is highlighted in the instrument cluster display.

Adaptive Cruise Control (ACC) Menu — If Equipped

The instrument cluster display displays the current ACC and LaneSense system settings. The information displayed depends on the status of ACC and LaneSense.

Push the Adaptive Cruise Control (ACC) on/off button (located on the steering wheel) until one of the following displays 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.”

Push and release the SET + or the SET- button (located on the steering wheel) and the following will display in the instrument cluster display:

ACC SET

When ACC is set, the set speed will display in the instrument cluster.

The ACC screen may display once again if any ACC activity occurs, which may include any of the following:

- Distance Setting Change
- System Cancel
- Driver Override

- System Off
- ACC Proximity Warning
- ACC Unavailable Warning

NOTE:

The instrument cluster display will return to the last display selected after five seconds of no ACC display activity.

Refer to “Adaptive Cruise Control (ACC) — If Equipped” in “Starting And Operating” for further information.

LaneSense — If Equipped

The instrument cluster display displays the current LaneSense system settings. The information displayed depends on LaneSense system status and the conditions that need to be met. Refer to “LaneSense — If Equipped” in “Starting And Operating” for further information.

Fuel Economy

Push and release the **up** or **down** arrow button until the Fuel Economy Icon is highlighted in the instrument cluster display. Push and hold the **OK** button to reset average fuel economy feature.

Toggle left or right to select a display with or without Current Fuel Economy Information.

- Range – The display shows the estimated distance (mi or km) that can be traveled with the fuel remaining in the tank. When the Range value is less than 30 miles (48 km)

estimated driving distance, the Range display will change to a “RANGE LOW” message. Adding a significant amount of fuel to the vehicle will turn off the “RANGE LOW” message and a new Range value will display. Range cannot be reset through the **OK** button.

NOTE:

Significant changes in driving style or vehicle loading will greatly affect the actual drivable distance of the vehicle, regardless of the Range displayed value.

- Average – The display shows the average fuel economy (MPG, L/100 km, or km/L) since the last reset.
- Current – This display shows the current fuel economy (MPG, L/100 km, km/L) while driving.

Trip Info

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.

Stop/Start – If Equipped

Push and release the **up** or **down** arrow button until the Stop/Start menu title is displayed in the instrument cluster display.

Audio

Push and release the **up** or **down** arrow button until the Audio menu title is displayed in the instrument cluster display.

Stored Messages

Push and release the **up** or **down** arrow button until the Messages Menu Icon is highlighted in the instrument cluster display. This feature shows the number of stored warning messages. Pushing the **left** or **right** arrow button will allow you to scroll through the stored messages.

Screen Setup

Push and release the **up** or **down** arrow button until the Screen Setup Menu Icon/Title is highlighted in the instrument cluster display. Push and release the **OK** button to enter the sub-menus and follow the prompts on the screen as needed. The Screen Setup feature allows you to change what information is displayed in the instrument cluster as well as the location that information is displayed.

Screen Setup Driver Selectable Items

Gear Display

- Full (default setting)
- Single

Upper Left

- None
- Compass (default setting)
- Outside Temp
- Time
- Range
- Fuel Economy Average
- Fuel Economy Current
- Trip A
- Trip B

Upper Right

- None
- Compass
- Outside Temp (default setting)
- Time
- Range
- Fuel Economy Average
- Fuel Economy Current
- Trip A
- Trip B

Defaults (Restores All Settings To Default Settings)

- Cancel
- Restore

Current Gear

- On
- Off (default setting)

Favorite Menus — Equipped

- Speedometer
- Vehicle Info
- Terrain (show/hide)
- Driver Assist (show/hide)
- Fuel Economy (show/hide)
- Trip Info (show/hide)
- Stop/Start
- Audio (show/hide)
- Messages
- Screen Setup

The menu with (show/hide) means user can press **OK** button to choose show or hide this menu on the instrument cluster display.

Speed Warning

Push and release the up or down arrow button until the Speed Warning Menu icon/title is displayed in the instrument cluster display. Push and release **OK** to enter speed warning. Use the

up or down arrow button to select a desired speed, then push and release **OK** to set the speed. The white passive speed limiter telltale will light up with a notification text message (Speed Warning Set to XX, followed by the selected unit). When the set speed is just exceeded, a single chime will sound with a pop up message of “Speed Warning Exceeded”. If the set speed is exceeded by 1.5 mph (3 km/h), an audible chime will sound for up to 10 seconds or until the speed is no longer exceeded. The white passive speed limiter telltale will turn yellow and will flash, and a pop up message of “Speed Warning Exceeded” will display.

NOTE:

You can turn the Speed Warning off by using the up/down arrows to scroll through speed list and select **OFF** at the bottom of the list.

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 display.

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. Refer to “Battery Charge Warning Light” in “Warning Lights And Messages” located in “Getting To Know Your Instrument Panel” for further information.

The electrical loads that may be switched off (if equipped), and vehicle functions which can be effected by load reduction:

- Heated Seat/Vented Seats/Heated Wheel
- Rear Defroster And Heated Mirrors
- HVAC 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 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 +12V, 150W, USB ports) during certain driving conditions (city driving, towing, frequent stopping).
- 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, +12V portable appliances like vacuum cleaner’s, 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 +12V, 150W, 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 the evaluation of the vehicle and driving pattern did not help to identify the cause.

TRIP COMPUTER

Push and release the up or down arrow button until the Trip A or Trip B icon is highlighted in the instrument cluster display (Toggle left or right to select Trip A or Trip B). Push and release the OK button to display the Trip information.

Trip A

- Shows the total distance traveled for Trip A since the last reset.
- Shows the elapsed time traveled for Trip A since the last reset.
- Shows instantaneous fuel consumption for Trip A since the last reset.

Trip B

- Shows the total distance traveled for Trip B since the last reset.
- Shows the elapsed time traveled for Trip B since the last reset.
- Shows instantaneous fuel consumption for Trip B since the last reset.

Elapsed Time

Shows the total elapsed time of travel since the last reset when the ignition switch is in the ACC position. Elapsed time will increment when the ignition switch is in the ON or START position.

To Reset A Trip Function

Reset will only occur while a resettable function is selected (highlighted). Push and hold the OK button to clear the resettable function being displayed.

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 or ACC/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.

 **Electric Power Steering Fault Warning Light**

This warning light will turn on when there's a fault with the EPS (Electric Power Steering) system. Refer to "Power Steering" in "Starting And Operating" for further information.

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 Electronic Throttle Control (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 or ACC/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 A/C system is on, turn it off. Also, shift the transmission into NEUTRAL and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service.

Refer to “If Your Engine Overheats” in “In Case Of Emergency” for further information.

— Hood Open Warning Light

This indicator will illuminate when the hood is ajar/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.

— 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. The engine oil level must be checked under the hood.

— Oil Temperature Warning Light

This warning light will illuminate to indicate the engine oil temperature is high. If the light turns on while driving, stop the vehicle and shut off the engine as soon as possible. Wait for oil temperature to return to normal levels.

— 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 or ACC/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.

Refer to “Occupant Restraint Systems” in “Safety” for further information.

— 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 or NEUTRAL, 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 alarm is arming, and then will flash slowly until the vehicle is disarmed.

Yellow Warning Lights

— Service Adaptive Cruise Control Warning Light

This light will turn on when the ACC system is not operating and needs service. For further information, refer to “Adaptive Cruise Control (ACC)” in “Starting And Operating.”

— Anti-Lock Brake (ABS) Warning Light

This warning light monitors the Anti-Lock Brake System (ABS). The light will turn on when the ignition is placed in the ON/RUN or ACC/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 or ACC/ON/RUN position, have the brake system inspected by an authorized dealer.

— Electronic Stability Control (ESC) Off Warning Light — If Equipped

This warning light indicates the Electronic Stability Control (ESC) is off.

Each time the ignition is turned to ON/RUN or ACC/ON/RUN, the ESC system will be on, even if it was turned off previously.

— Electronic Stability Control (ESC) Active Warning Light — If Equipped

This warning light will indicate when the Electronic Stability Control system is Active. The “ESC Indicator Light” in the instrument cluster will come on when the ignition is placed in the ON/RUN or ACC/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 or ACC/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.

— Service LaneSense Warning Light — If Equipped

This warning light will illuminate when the LaneSense system is not operating and requires service. Please see an authorized dealer.

— LaneSense Warning Light — If Equipped

The LaneSense 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.

Refer to “LaneSense — If Equipped” in “Starting And Operating” for further information.

— Loose Fuel Filler Cap Warning Light — If Equipped

This warning light will illuminate when the fuel filler cap is loose. Properly close the filler cap to disengage the light. If the light does not turn off, please see an authorized dealer.

— Low Fuel Warning Light

When the fuel level reaches approximately 2.4 gal (9.1 L) this light will turn on, and remain on until fuel is added.

A single warning chime will sound with Low Fuel Warning.

— Low Washer Fluid Warning Light — If Equipped

This warning light will illuminate when the windshield washer fluid is low.

— 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 above, 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,

(Continued)

WARNING! (Continued)

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.

— 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 Forward Collision Warning (FCW) Light — If Equipped

This warning light will illuminate to indicate a fault in the Forward Collision Warning System. Contact an authorized dealer for service.

Refer to "Forward Collision Warning (FCW)" in "Safety" for further information.

— Service Stop/Start System Warning Light — If Equipped

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 above, 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 ve-

hicle 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 Tire Pressure Monitoring System (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated. 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 under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation 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 under-inflation 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.

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 your authorized dealer to have your sensor function checked.

Yellow Indicator Lights

— **Air Suspension Active Indicator Light — If Equipped**

This light will illuminate when the air suspension system is actively adjusting the ride height.

— **Air Suspension Entry/Exit Indicator Light— If Equipped**

This light will illuminate when the vehicle is automatically lowered from ride height position downward for easy entry and exit of the vehicle.

— **Air Suspension Aerodynamic Height Indicator Light— If Equipped**

This light will illuminate when the air suspension system is set to the Aerodynamic setting.

— **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.

— **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.

— **Forward Collision Warning Off Indicator Light — If Equipped**

This indicator light illuminates to indicate that Forward Collision Warning is off.

— **4WD Low Indicator Light — If Equipped**

This light alerts the driver that the vehicle is in the four-wheel drive LOW mode. The front and rear driveshafts are mechanically locked to-

gether 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.

Refer to “Four-Wheel Drive Operation — If Equipped” in “Starting And Operating” for further information on four-wheel drive operation and proper use.

— 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.

— Rear Fog Indicator — If Equipped

This indicator light will illuminate when the rear fog lights are on.

— Wait To Start Light — If Equipped

This indicator light will illuminate for approximately two seconds when the ignition is turned to the RUN position. Its duration may be longer based on colder operating conditions. Vehicle will not initiate start until telltale is no longer displayed.

Refer to “Starting The Engine” in “Starting And Operating” for further information.

NOTE:

The “Wait To Start” telltale may not illuminate if the intake manifold temperature is warm enough.



— Low Diesel Exhaust Emissions Additive AdBlue (UREA) Indicator Light — If Equipped

The Low Diesel Exhaust Emissions Additive AdBlue (UREA) indicator light illuminates when the AdBlue (UREA) level is low.

Fill the AdBlue (UREA) tank as soon as possible with at least 1.3 gallons (5 liters) of AdBlue (UREA).

If filling the tank is done with a remaining range of AdBlue (UREA) in the tank equal to zero, you may need to wait 2 minutes before starting the vehicle.

Refer to “Starting And Operating” for further information.

— Water In Fuel Indicator Light — If Equipped

The “Water In Fuel Indicator Light” will illuminate when there is water detected in the fuel filter. If this light remains on, DO NOT start the vehicle before you drain the water from the fuel filter to prevent engine damage, and please see an authorized dealer.

CAUTION!

The presence of water in the fuel system circuit may cause severe damage to the injection system and irregular engine operation. If the indicator light is illuminated, contact an authorized dealer as soon as possible

(Continued)

CAUTION! (Continued)

to bleed the system. If the above indications come on immediately after refuelling, water has probably been poured into the tank: switch the engine off immediately and contact an authorized dealer.

Green Indicator Lights

— Adaptive Cruise Control (ACC) Set With No Target Detected Indicator Light — If Equipped

This light will turn on when the Adaptive Cruise Control is set and there is no target vehicle detected. Refer to “Adaptive Cruise Control (ACC) — If Equipped” in “Starting And Operating” for further information.

— Adaptive Cruise Control (ACC) Set With Target Light — If Equipped

This will display when the ACC is set and a target vehicle is detected. Refer to “Adaptive Cruise Control (ACC) — If Equipped” in “Starting And Operating” for further information.

— Cruise Control Set Indicator Light — If Equipped

This indicator light will illuminate when the cruise control is set to the desired speed. Refer to “Speed Control” in “Starting And Operating” for further information.

— Front Fog Indicator Light — If Equipped

This indicator light will illuminate when the front fog lights are on.

— LaneSense Indicator Light — If Equipped

The LaneSense 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.

Refer to “LaneSense — If Equipped” in “Starting And Operating” for further information.

— Park/Headlight On Indicator Light

This indicator light will illuminate when the park lights or headlights are turned on.

— Sport Mode Indicator Light

This light will turn on when Sport Mode is active.

— Stop/Start Active Indicator Light — If Equipped

This indicator light will illuminate when the Stop/Start function is in “Autostop” mode.

— 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 Light — If Equipped

This light will turn on when the vehicle equipped with Adaptive Cruise Control (ACC) has been turned on, but not set. Refer to “Adaptive Cruise Control (ACC) — If Equipped” in “Starting And Operating” for further information.

— Hill Descent Control (HDC) Indicator Light — If Equipped

This indicator shows when the Hill Descent Control (HDC) feature is turned on. The lamp 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 than 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.

— LaneSense Indicator Light — If Equipped

When the LaneSense system is ON, but not armed, the LaneSense 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.

Refer to “LaneSense — If Equipped” in “Starting And Operating” for further information.

— Speed Warning Indicator Light — If Equipped

When Set Speed Warning is turned on, the speed warning telltale will illuminate in the instrument cluster with a number matching the set speed. When the set speed is exceeded, a single chime will sound along with pop up message of speed warning exceeded.

When the set speed is exceeded, the indication will light up yellow and flash along with a continuous chime (up to ten seconds or until the speed is no longer exceeded). The indication will not turn yellow and flash with a continuous chime unless the speed is exceeded by 1.9 mph (3 km/h) or more.

Speed Warning can be turned on and off in the instrument cluster display. For further information, refer to “Instrument Cluster Display Menu Items” in “Getting To Know Your Instrument Panel.”

NOTE:

The number “55” is only an example of a speed that can be set.

— Cruise Control Ready Indicator Light

This light will turn on when the speed control has been turned on, but not set. Refer to “Speed Control — If Equipped” in “Starting And Operating” for further information.

— Selec Speed Control Indicator Light — If Equipped

This light will turn on when “Selec Speed Control” is activated.

To activate “Selec Speed Control”, assure the vehicle is Four Wheel Drive Low (4WD) 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.

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 automatic transmission control systems. When these systems are operating properly, your vehicle will provide excellent performance and fuel economy, as well as 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 drivable 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 an Onboard Diagnostic system (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.

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.

For further information, refer to “Cybersecurity” in “Multimedia”.

EMISSIONS INSPECTION AND MAINTENANCE PROGRAMS

In some localities, it may be a legal requirement to pass an inspection of your vehicle's emissions control system. Failure to pass could prevent vehicle registration.



Normally, the OBD II system will be ready. The OBD II system may **not** be ready if your vehicle was recently serviced, recently had a dead battery or a battery replacement. If the OBD II system should be determined not ready for the I/M test, your vehicle may fail the test.

Your vehicle has a simple ignition actuated test, which you can use prior to going to the test station. To check if your vehicle's OBD II system is ready, you must do the following:

1. Cycle the ignition switch to the ON position, but do not crank or start the engine.

NOTE:

If you crank or start the engine, you will have to start this test over.

2. As soon as you cycle the ignition switch to the ON position, you will see the "Malfunction Indicator Light (MIL)" symbol come on as part of a normal bulb check.

3. Approximately 15 seconds later, one of two things will happen:

- The MIL will flash for about ten seconds and then return to being fully illuminated until you turn OFF the ignition or start the engine. This means that your vehicle's OBD II system is **not ready** and you should **not** proceed to the I/M station.
- The MIL will not flash at all and will remain fully illuminated until you place the ignition in the off position or start the engine. This means that your vehicle's OBD II system is **ready** and you can proceed to the I/M station.

If your OBD II system is **not ready**, you should see an authorized dealer or repair facility. If your vehicle was recently serviced or had a battery failure or replacement, you may need to do nothing more than drive your vehicle as you normally would in order for your OBD II system to update. A recheck with the above test routine may then indicate that the system is **now ready**.

Regardless of whether your vehicle's OBD II system is ready or not, if the MIL is illuminated during normal vehicle operation you should have your vehicle serviced before going to the I/M station. The I/M station can fail your vehicle because the MIL is on with the engine running.

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SAFETY FEATURES

Anti-Lock Brake System (ABS)

The Anti-Lock Brake System (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.

ABS is activated during braking when the system detects one or more wheels begin 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 when ABS activates:

- The ABS motor noise (it may continue to run for a short time after the stop).
- The clicking sound of solenoid valves.
- Brake pedal pulsations.
- A slight drop of the brake pedal at the end of the stop.

These are all normal characteristics of ABS.

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.

ABS is designed to function with the OEM tires. Modification may result in degraded ABS performance.

Anti-Lock Brake Warning Light

The yellow "Anti-Lock Brake Warning Light" will turn on when the ignition is turned to the ON/RUN mode and may stay on for as long as four seconds.

If the "Anti-Lock Brake 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 "Anti-Lock Brake Warning Light" is on.

If the "Anti-Lock Brake Warning Light" is on, the brake system should be serviced as soon as possible to restore the benefits of anti-lock brakes. If the "Anti-Lock Brake Warning Light" does not come on when the ignition is turned to the ON/RUN mode, have the light repaired as soon as possible.

Electronic Brake Control System

Your vehicle is equipped with an advanced Electronic Brake Control system (EBC). This system includes Electronic Brake Force Distribution (EBD), Anti-Lock Brake System (ABS), Brake Assist System (BAS), Hill Start Assist (HSA), Traction Control System (TCS), Electronic Stability Control (ESC), and Electronic Roll Mitigation (ERM). These systems work to-

gether to enhance both vehicle stability and control in various driving conditions.

Your vehicle may also be equipped with Trailer Sway Control (TSC), Ready Alert Braking (RAB), Rain Brake Support (RBS), Dynamic Steering Torque (DST), Hill Descent Control (HDC), and Selec-Speed Control (SSC).

Electronic Brake Force Distribution (EBD)

This function 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.

Brake System Warning Light

The red "Brake System Warning Light" will turn on when the ignition is turned to 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 turned to the ON/RUN mode, have the light repaired as soon as possible.

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.

Hill Start Assist (HSA)

The HSA system 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.
- Park brake must be off.
- 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 gear).
- HSA will work in REVERSE gear and all forward gears. The system will not activate if the transmission is in PARK or NEUTRAL. For vehicles equipped with a manual transmission, if the clutch is pressed, HSA will remain active.

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 respon-

(Continued)

WARNING! (Continued)

sibility 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, refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for further information.
- If disabling HSA using Uconnect Settings, refer to “Uconnect Settings” in “Multimedia” for further information.

For vehicles not equipped with an instrument cluster display, perform the following steps:

1. Center the steering wheel (front wheels pointing straight forward).
2. Shift the transmission into PARK.
3. Apply the parking brake.
4. Start the engine.

5. Rotate the steering wheel slightly more than one-half turn to the left.
6. Push the “ESC Off” button located in the lower switch bank below the climate control four times within 20 seconds. The “ESC Off Indicator Light” should turn on and turn off two times.
7. Rotate the steering wheel back to center and then an additional slightly more than one-half turn to the right.
8. Turn the ignition to the OFF mode and then back to ON. If the sequence was completed properly, the “ESC Off Indicator Light” will blink several times to confirm HSA is disabled.
9. Repeat these steps if you want to return this feature to its previous setting.

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.

Traction Control System (TCS)

This system 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 similar 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 TCS and ESC are in a reduced mode.

Electronic Stability Control (ESC)

This system 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 the oversteer or understeer condition. Engine power may also be reduced to help the vehicle maintain the desired path.

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.

- 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.

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 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.

(Continued)

WARNING! (Continued)

- 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

NOTE:

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

The “Partial Off” mode is intended for times when a more spirited driving experience is desired. This mode may modify TCS and ESC thresholds for activation, which allows for more wheel spin than normally allowed. This mode may be useful if the vehicle becomes stuck.

To enter the “Partial Off” mode, momentarily push the “ESC Off” switch and the “ESC Off Indicator Light” will illuminate. To turn the ESC on again, momentarily push the “ESC Off” switch and the “ESC Off Indicator Light” will turn off.

NOTE:

For vehicles with multiple partial ESC modes a momentary button push will toggle the ESC mode. Multiple momentary button pushes may be required to return to ESC On.

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.

(Continued)

WARNING! (Continued)

- 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 turned to the ON 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” (located in the instrument cluster) 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.

NOTE:

- The “ESC Activation/Malfunction Indicator Light” and the “ESC OFF Indicator Light” come on momentarily each time the ignition is turned ON.
- Each time the ignition is turned ON, 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.



The “ESC OFF Indicator Light” indicates the customer has elected to have the Electronic Stability Control (ESC) in a reduced mode.

Electronic Roll Mitigation (ERM)

This system 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 anytime the ESC is in “Full Off” mode (if equipped). Refer to “Electronic Stability Control (ESC)” in this section 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 roll overs, 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.

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. Refer to “Trailer Towing” in “Starting And Operating” for further information.

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” or “Full Off” modes.

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.

Ready Alert Braking (RAB)

Ready Alert Braking 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 EBC will prepare the brake system for a panic stop.

Rain Brake Support (RBS)

Rain Brake Support 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 Rain Brake Support is active, there is no notification to the driver and no driver interaction is required.

Dynamic Steering Torque (DST)

Dynamic Steering Torque is a feature of the ESC and Electric Power Steering (EPS) modules that provides torque at the steering wheel for certain driving conditions in which the ESC module is detecting vehicle instability. The torque that the steering wheel receives is only meant to help the driver realize optimal steering behavior in order to reach/maintain vehicle stability. The only notification the driver receives that the feature is active is the torque applied to the steering wheel.

NOTE:

The DST feature is only meant to help the driver realize the correct course of action through small torques on the steering wheel, which means the effectiveness of the DST feature is highly dependent on the driver’s sensitivity and overall reaction to the applied torque. It is very important to realize that this feature will not steer the vehicle, meaning the driver is still responsible for steering the vehicle.

Hill Descent Control (HDC) — If Equipped

HDC is intended for low speed off road driving while in 4WD Low Range. 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:

- Driveline is in 4WD Low Range.
- Vehicle speed is below 5 mph (8 km/h).
- Parking brake is released.
- 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 anytime.

Deactivating HDC

HDC will be deactivated but remain available if any of the following conditions occur:

- Driver overrides HDC 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 on a downhill grade of insufficient magnitude, is on level ground, or is on an uphill grade.
- 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 Range.
- The parking brake is applied.
- 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 lamp 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 lamp 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 lamp will flash for several seconds then extinguish when HDC disables due to excess speed.
- The cluster icon and switch lamp 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.

Selec Speed Control (SSC) — If Equipped

SSC is intended for off road driving in 4WD Low Range 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:

- Driveline is in 4WD Low Range.
- Vehicle speed is below 5 mph (8 km/h).
- Parking brake is released.
- Driver door is closed.
- 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 P.

- 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 Terrain Select 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 Range.
- The parking brake is applied.
- 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 offer feedback to the driver about the state SSC is in.

- The cluster icon and switch lamp 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 lamp 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 lamp will flash for several seconds then extinguish when SSC disables due to excess speed.
- The cluster icon and switch lamp will flash then extinguish when SSC deactivates due to overheated brakes.

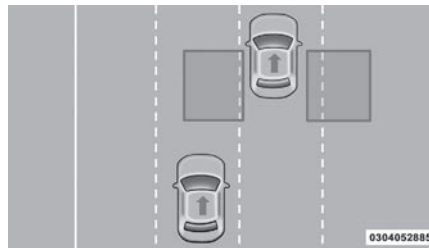
WARNING!

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.

AUXILIARY DRIVING SYSTEMS

Blind Spot Monitoring (BSM) — If Equipped

The Blind Spot Monitoring (BSM) system uses two radar sensors, located inside the rear bumper fascia, 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 rear view mirrors to let the driver know that the system is operational. The BSM system sensors operate when the vehicle is in any forward gear or REVERSE.

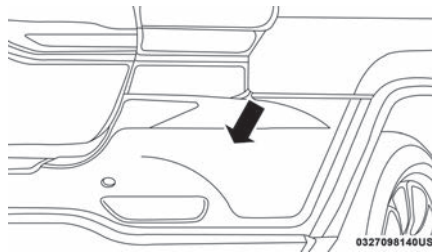
The BSM detection zone covers approximately one lane width on both sides of the vehicle 12 ft (3.8 m). The zone length starts at the side of the vehicle, near the B-Pillar, and extends approximately 10 ft (3 m) beyond the rear bumper of the

vehicle. The BSM system monitors the detection zones on both sides of the vehicle when the vehicle speed reaches approximately 6 mph (10 km/h) or higher and will alert the driver of vehicles in these areas.

NOTE:

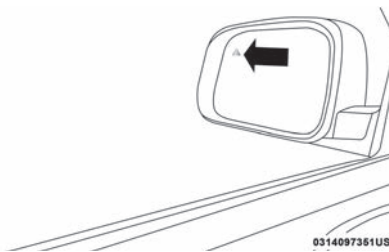
- The BSM system DOES NOT alert the driver about rapidly approaching vehicles that are outside the detection zones.
- The BSM system detection zone DOES NOT change if your vehicle is towing a trailer. Therefore, visually verify the adjacent lane is clear for both your vehicle and trailer before making 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.
- The Blind Spot Monitoring (BSM) system may experience drop outs (blinking on and off) of the side mirror Warning Indicator lamps when a motorcycle or any small object remains at the side of the vehicle for extended periods of time (more than a couple of seconds).

The area on the rear fascia where the radar sensors are located must remain free of snow, ice, and dirt/road contamination so that the BSM system can function properly. Do not block the area of the rear fascia where the radar sensors are located with foreign objects (bumper stickers, bicycle racks, etc.).



Sensor Location

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. Refer to “Modes Of Operation” in this section for further information.

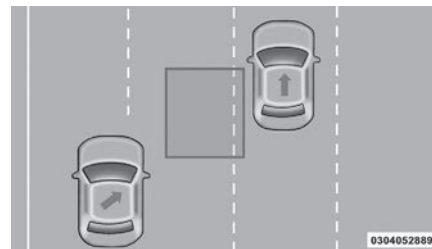


Warning Light Location

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

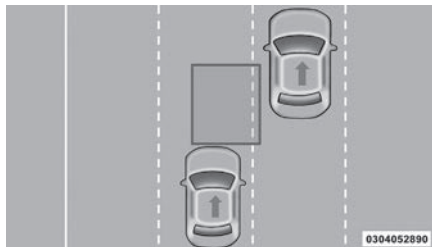
Vehicles that move into your adjacent lanes from either side of the vehicle.



Side Monitoring

Entering From The Rear

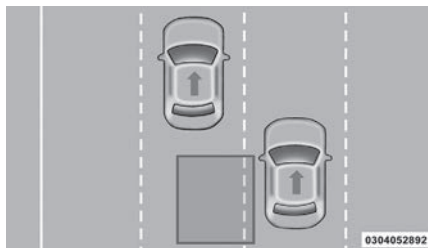
Vehicles that come up from behind your vehicle on either side and enter the rear detection zone with a relative speed of less than 30 mph (48 km/h).



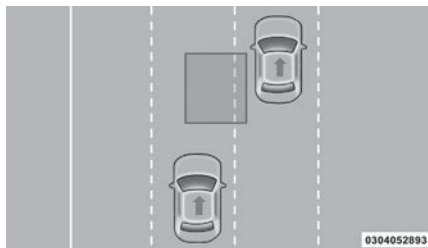
Rear Monitoring

Overtaking Traffic

If you pass another vehicle slowly with a relative speed less than 15 mph (24 km/h) and the vehicle remains in the blind spot for approximately 1.5 seconds, the warning light will be illuminated. If the difference in speed between the two vehicles is greater than 15 mph (24 km/h), the warning light will not illuminate.

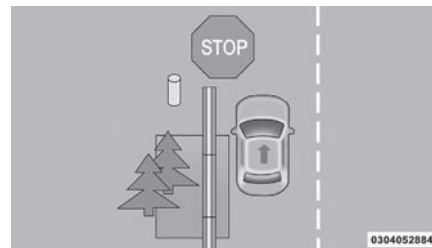


Overtaking/Approaching



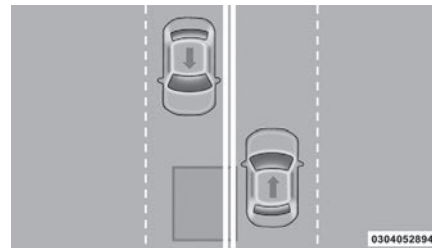
Overtaking/Passing

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.



Stationary Objects

The BSM system will not alert you of objects that are traveling in the opposite direction of the vehicle in adjacent lanes.



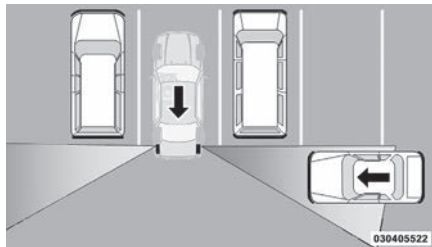
Opposing Traffic

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)

The Rear Cross Path (RCP) feature 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 Detection (RCP) 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.

Modes Of Operation

Three selectable modes of operation are available in the Uconnect System. Refer to "Uconnect Settings" in "Multimedia" for further information.

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

The Forward Collision Warning (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 26 mph (42 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 1 mph (2 km/h).
- The FCW alerts may be triggered on objects other than vehicles such as guard rails 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 Range or ESC Full-Off Mode is active, 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. Refer to "Uconnect Settings" in "Multimedia" for further information.

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 "Far" setting allows the system to warn the driver of a possible collision with the vehicle in front using 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.

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:

- 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 your 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.

Tire Pressure Monitor System (TPMS)

The Tire Pressure Monitoring System (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. **Refer to “Tires” in “Servicing And Maintenance” for information on how to properly inflate the vehicle’s tires.** The tire pressure will also increase as the vehicle is driven - this is normal and there should be no adjustment for this increased pressure.

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 TPM 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 OEM wheels to assure proper TPM 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 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 under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation 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 under-inflation 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 Monitor 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.



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 Monitor System (TPMS) consists of the following components:

- Receiver Module
- Four Tire Pressure Monitoring 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 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. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" for further information.

NOTE:

Your system can be set to display pressure units in PSI, BAR or kPa.



Low Tire Pressure Monitor 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 TPM System 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 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 TPM sensors.
- Lots of snow or ice around the wheels or wheel housings.
- Using tire chains on the vehicle.
- Using wheels/tires not equipped with TPM sensors.

NOTE:

There is no tire pressure monitoring 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 (TPM) 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 TPM 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 sec-

onds 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.

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
- Supplemental Active Head Restraints
- 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.



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Warning Label On Front Passenger Sun Visor

2. A child who is not big enough to wear the vehicle seat belt properly (Refer to "Child Restraints" in this section for further information) must be secured in the appropriate child restraint or belt-positioning booster seat in a rear seating position.
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 (Refer to "Child Restraints" in this section for further information).

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, refer to the “Customer Assistance” section 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.

(Continued)

WARNING! (Continued)

- 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 Belt Alert 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 Re-

minder 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.

(Continued)

WARNING! (Continued)

- 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 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.

(Continued)

WARNING! (Continued)

- 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.

(Continued)

WARNING! (Continued)

- 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.
- 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.

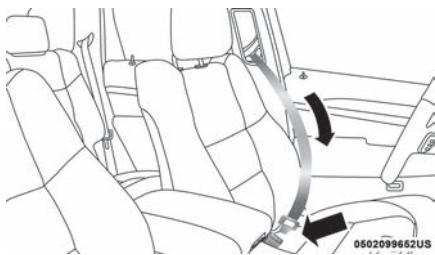
(Continued)

WARNING! (Continued)

- 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. Seat belt assemblies must be replaced after a collision.

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). Grasp 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

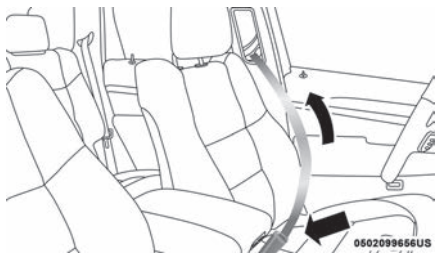
- When the seat belt is long enough to fit, insert the latch plate into the buckle until you hear a “click.”



Inserting Latch Plate Into Buckle

- 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

- 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.
- 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

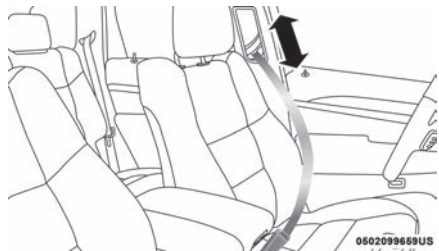
Use the following procedure to untwist a twisted lap/shoulder belt.

- Position the latch plate as close as possible to the anchor point.

- At about 6 to 12 inches (15 to 30 cm) above the latch plate, grasp and twist the seat belt webbing 180 degrees to create a fold that begins immediately above the latch plate.
- Slide the latch plate upward over the folded webbing. The folded webbing must enter the slot at the top of the latch plate.
- 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 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!

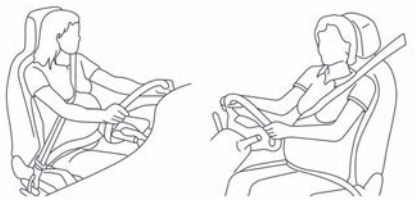
- Wearing your seat belt incorrectly could make your injuries in a collision much worse. You might suffer internal injuries, or you could even slide out of the seat belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.

(Continued)

WARNING! (Continued)

- 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.

Seat Belts And Pregnant Women



Pregnant Women And Seat Belts

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.

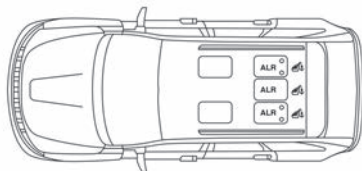
The pretensioners are triggered by the Occupant Restraint Controller (ORC). Like the air bags, the pretensioners are single use items. A deployed pretensioner or a deployed air bag must be replaced immediately.

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 Retractors (ALR) — (If Equipped)

The seat belts in the passenger seating positions may be equipped with a Switchable Automatic Locking Retractor (ALR) which is used to secure a child restraint system. For additional information, refer to "Installing Child Restraints Using The Vehicle Seat Belt" under the "Child Restraints" section of this manual. The figure below illustrates the locking feature for each seating position.



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ALR — Switchable Automatic Locking Retractor

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. Grasp 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.

(Continued)

WARNING! (Continued)

- 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 Active Head Restraints (AHR)

These head restraints are passive, deployable components, and vehicles with this equipment cannot be readily identified by any markings, only through visual inspection of the head restraint. The head restraint will be split in two halves, with the front half being soft foam and trim, the back half being decorative plastic.

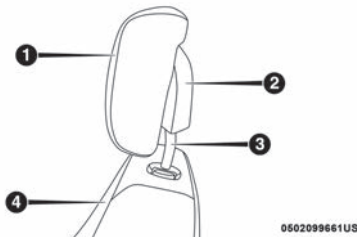
How The Active Head Restraints (AHR) Work

The Occupant Restraint Controller (ORC) determines whether the severity or type of rear impact will require the Active Head Restraints (AHR) to deploy. If a rear impact requires deployment, both the driver and front passenger seat AHRs will be deployed.

When AHRs deploy during a rear impact, the front half of the head restraint extends forward to minimize the gap between the back of the occupant's head and the AHR. This system is designed to help prevent or reduce the extent of injuries to the driver and front passenger in certain types of rear impacts.

NOTE:

The Active Head Restraints (AHR) may or may not deploy in the event of a front or side impact. However, if during a front impact, a secondary rear impact occurs, the AHR may deploy based on the severity and type of the impact.

Active Head Restraint (AHR) Components:**Active Head Restraint (AHR) Components**

- 1 — Head Restraint Front Half (Soft Foam And Trim)
- 2 — Head Restraint Back Half (Decorative Plastic Rear Cover)
- 3 — Head Restraint Guide Tubes
- 4 — Seat Back

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 collision.
- Do not place items over the top of the Active Head Restraint, such as coats, seat covers or portable DVD players. These items may interfere with the operation of the Active Head Restraint in the event of a collision and could result in serious injury or death.
- Active Head Restraints may be deployed if they are struck by an object such as a hand, foot or loose cargo. To avoid accidental deployment of the Active Head Restraint, ensure that all cargo is secured, as loose cargo could contact the Active Head Restraint during sudden stops. Failure to follow this warning could cause personal injury if the Active Head Restraint is deployed.

NOTE:

For more information on properly adjusting and positioning the head restraint, refer to "Head Restraints" in "Getting To Know Your Vehicle."

Resetting Active Head Restraints (AHR)



Active Head Restraint (AHR) Deployed

If the Active Head Restraints are triggered during a collision, the front half of the head restraint will be extended forward and separated from the rear half of the head restraint (See Image). Do not drive your vehicle after the AHRs have deployed. The head restraint must be reset into the original position to best protect the occupant for all types of collisions. An authorized FCA dealer must reset the AHRs on the driver's and front passenger's seat before driving. Personally attempting to reset the AHRs may result in damage to the AHRs that could impair their function.

WARNING!


Deployed AHRs are not able to best protect you in all types of collisions. Have deployed AHRs reset by an authorized dealer immediately.

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

Air Bag Warning Light

The 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 or in the ACC 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

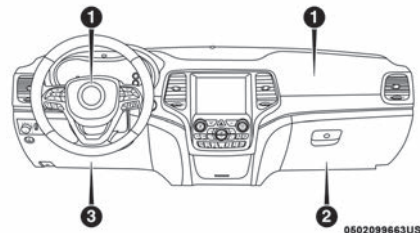


If a fault with the Air Bag Warning Light is detected, which could affect the Supplemental Restraint System (SRS), the Redundant Air Bag Warning Light will illuminate on the instrument panel. The Redundant Air Bag Warning Light will stay on until the fault is cleared. In addition, a single chime will 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.

For additional information regarding the Redundant Air Bag Warning Light refer to "Getting To Know Your Instrument Panel" section of this manual.

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 — Passenger Knee Impact Bolster
- 3 — Driver Knee Impact Bolster/Supplemental 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.

(Continued)

WARNING! (Continued)

- 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 multi-stage 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.

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 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.

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.

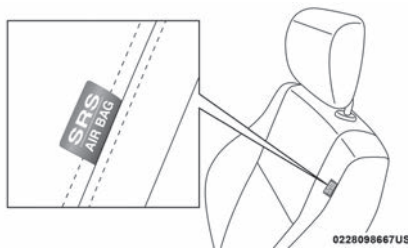
Supplemental Driver Knee Air Bag

This vehicle is equipped with a Supplemental Driver Knee Air Bag mounted in the instrument panel below the steering column. The Supplemental Driver Knee Air Bag provides enhanced protection during a frontal impact by working together with the seat belts, pretensioners, and front air bags.

Supplemental Side 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 your vehicle is equipped with Supplemental Seat-Mounted Side Air Bags (SABs), please refer to the information below.

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 to 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 your vehicle is equipped with Supplemental Side Air Bag Inflatable Curtains (SABICs), please refer to the information below.

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.

(Continued)

WARNING! (Continued)

- 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 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 are designed to activate in certain rollover events (if equipped with rollover sensing). The ORC determines whether the deployment of the Side Air Bags 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 should have deployed.

The Side Air Bags 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 of the Side Air Bags is appropriate, the rollover sensing system will also deploy the 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 below:

- 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

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 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
- Headlamp washer pump

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 below. 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.

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 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.

(Continued)

WARNING! (Continued)

- 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 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 — Carrying Children Safely



0228018957

Warning Label On Front Passenger Sun Visor

Everyone in your vehicle needs to be buckled up at all times, including babies and children. EC directive 2003/20/EC requires proper use of restraints in all EC countries.

Children less than 1.5 meters tall and 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!

- 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.

(Continued)

WARNING! (Continued)

- 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 airbag 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 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. Children should ride rearward facing as long as possible; this is the most protected position for a child in the event of a crash. 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.

In Europe, children restraint systems are defined by regulation ECE-R44, which divides them into five weight groups:

Restraint Group	Weight Group
Group 0	up to 10 kg
Group 0+	up to 13 kg
Group 1	9-18 kg
Group 2	15-25 kg
Group 3	22-36 kg

Check the label of your child restraint. All approved child restraints must include type-approval data and the control mark on its label. The label must be permanently secured to the child restraint system. You should not remove this label from the child restraint.

WARNING!

Extreme Hazard! Do not place a rear-facing child restraint in front of an active air bag. Refer to visor mounted labels for information. Deployment of the air bag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. It is advisable to always carry children in a child restraint system on the rear seat, which is the most protected position in the event of a collision.

“Universal” Child Restraint Systems

- The figures in the following sections are examples of each type of universal child restraint system. Typical installations are shown. Always install your child restraint system according to the child restraint manufacturer’s instructions, which must be included with this type of restraint system.
- See the section “Installing Child Restraints Using the Vehicle Seat Belt” for the steps to properly lock the seat belt over the child restraint.
- Child restraint systems with ISOFIX anchorages are available for installing the child restraint system to the vehicle without using the vehicle’s seat belts.

Group 0 And 0+

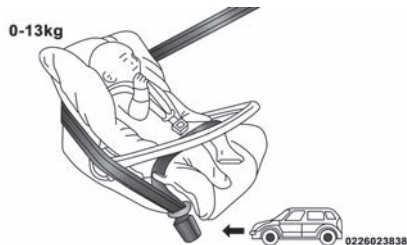


Fig. A

Safety experts recommend that children ride rearward facing in the vehicle as long as possible. Infants up to 13 kg must be restrained in a rear-facing seat like the child seat shown in fig. A. This type of child restraint supports the child’s head and does not induce stress on the neck in the event of sudden decelerations or a crash.

The rear-facing child restraint is restrained by the vehicle’s seat belts, as shown in fig. A. The child seat restrains the child with its own harness.

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.

Group 1



Fig. B

Children who weigh between 9 kg and 18 kg may be carried in a Group 1, forward facing seat like the one in fig. B. This type of child restraint is for older children who are too big for a Group 0 or 0+ child restraint.

Group 2



Fig. C

Children who weigh between 15 kg and 25 kg and who are too big for the Group 1 child restraint may use a Group 2 child restraint system.

As shown in fig. C, the Group 2 child restraint system positions the child correctly with respect to the seat belt so that the shoulder belt crosses the child's chest and not the neck, and the lap belt is snug on the pelvis and not the abdomen.

Group 3

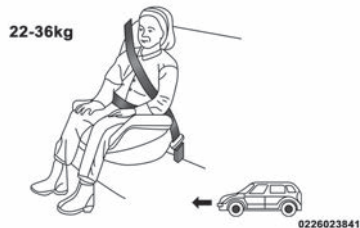


Fig. D

Children who weigh between 22 kg and 36 kg and who are tall enough to use the adult shoulder belt may use a Group 3 child restraint. Group 3 child restraints position the lap belt on the child's pelvis. The child must be tall enough that the shoulder belt crosses the child's chest and not their neck.

Fig. D shows an example of a Group 3 child restraint system correctly positioning the child on the rear seat.

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 ISOFIX 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.

Suitability Of Passenger Seats For Universal Child Restraint System Use

According to the European Directive 2000/3/EC, the suitability of each passenger seat position for the installation of Universal Child Restraint Systems is shown in the following table:

Universal Child Seating Position Chart (or other site)

Mass Group	Front Passenger	Rear Outboard	Rear Center	Intermediate Outboard	Intermediate Center
Group 0 - Up to 10 kg	X	U/UF	UF	N/A	N/A
Group 0+ - Up to 13 kg	X	U/UF	UF	N/A	N/A
Group 1 - 9 to 18 kg	X	U/UF	UF	N/A	N/A
Group II & III - 15 to 36 kg	X	U/UF	UF	N/A	N/A

Key of letters used in the table above:

- U = Suitable for “universal” category restraints approved for use in this mass group.
- X = Seat position not suitable for children in this mass group.
- UF = Suitable for forward-facing “universal” category restraints approved for use in this mass group.

If the head restraint interferes with the installation of the child restraint system, adjust the head restraint (if adjustable).

WARNING!

I	RISCHIO DI FERITE GRAVI O MORTALI. I seggiolini bambino che si montano nel verso opposto a quello di marcia non vanno installati sul sedili anteriori in presenza di air bag passeggero attivo.
GB	DEATH OR SERIOUS INJURY CAN OCCUR. 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
F	RISQUE DE MORT OU DE BLESSURES GRAVES. NE PAS positionner le siège pour enfant tourné vers l'arrière, en cas d'air bag passager actif.
D	Nichtbeachtung kann TÖD ODER SCHWERE VERLETZUNGEN zur Folge haben. Rückwärts gerichtete Kindersitzsysteme (Babyschale) dürfen nicht in Verbindung mit aktiviertem Beifahrersitz auf dem Beifahrersitz verwendet werden.
NL	DIT KAN DODELIJK ZIJN OF ERNSTIGE ONGELUKKEN VEROORZAKEN. Plaats het kindersitje niet ruggings op de voorstoel wanneer er een airbag aanwezig is.
E	PUEDE OCACIONAR MUERTE O HERIDAS GRAVES. NO ubicar el asiento para niños en sentido inverso al de marcha en el asiento delantero si hubiese airbag activo lado pasajero.
PL	MOŻE GROZIĆ ŚMIERCIĄ LUB CIĘŻKIMI OBRAŻENIAMI. NIE WOLNO umieszczać fotelika dziecięcego tyłem do kierunku jazdy na przednim siedzeniu w przypadku zainstalowanej aktywnej poduszki powietrznej pasażera.
TR	ÖLÜM VEYA AĞIR ŞEKİLDE YARALANMAYA SEBEP OLABİLİR. Yalrı airbagi aktif halde İken çocuk koltuđunu aracı gidi yđneme ters bđimde yerleřtirmeyin.
DK	FARE FOR DØDELIGE KVÆSTELSER OG LIVSTRUENDE SKADER. Placer aldrig en baglævendt barnesæd på passagerensædet, hvis passager-airbag'en er indstillet til at være aktiv (on).
EST	TAGAJÄRJEKS VÕIVAD OLLA TÕSISED KEHAVIGASTUSED VÕI SURM. Turvapatja olemasolu korral ärge asetage lapse turvasiistet sõidusessa viistassuusse.
FIN	KUOLEMANVAARA TAI VAKAVIEN VAMMOJEN LIIKKA. Älä aseta lasten turvasiistia niin, että lapsi on selkää menossaan, kun matkustajan airbag on käytössä.
P	RISCO DE MORTE OU FERIMENTOS GRAVES. Não posicionar o banco para crianças numa posição contrária ao sentido de marcha quando o airbag de passageiro estiver activo.
LT	GAU ŪTIKTI MIRTIS ARBA GALITE RIMTAI SUŠIZESTI. Nedėkite vaiko sėdynas atgrėbtos nuğars į priekinę automobilio atkėlą tan, kur yra veikiant keleivio oro pagalvė.
S	KAN VARA LIVSHOTANDE ELLER LEDA TILL ALLVARLIGA SKADOR. Placera aldrig en bakåtrind barnsät i framsätet då passagerarsätets krockkudde är aktiv.
H	HALÁŠOS VAGY SÜLYÖS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülőt a menetirányal szembe, ha az utas oldali légszék működik.
LV	VAR IZRAISĪ NĀVI VAI NĀPĒTĀS TRAUMAS. Nenovietot matuļā sēdekli pretā braukšanas virzienam, ja pasāģiera pusē ir uzstādīts gaisa spilvens.
CZ	NEBO NEBEZPEČÍ VÁŽNĚHO UBLIŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumístěte dítkaou sedačku do opačného polohy vůči směru jízdy v případě aktivního airbagu spoljezdce.
SLO	LAHKO PRIDE DO SMRTI ALI HUIJDI POŠKODBI. Otroškega avtomobilskega sedela ne nameščajte v obratni smeri vožnje, če ima vsoho vgrajene zračne blazine za potnike.
RO	SE POATE PRODUCE DECESUL SAU LEZIUNI GRAVE. Nu aşezati stamul de maşină pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat.
GR	ΜΠΟΡΕΙ ΝΑ ΠΡΟΚΛΗΘΟΥΝ ΘΑΝΑΤΟΣ Η ΣΕΒΑΡΑ ΤΡΑΥΜΑΤΑ. Μην τοποθετείτε το κορμάκι του αυτοκινήτου για παιδιά εκ αντίθετης προς την φορά πορείας θέσης εκ πλάτους που υπάρχει αερόσακος εν ενεργεία στη θέση συνηθισμένη.
BG	ИМА ОПАСНОСТ ОТ СМЪРТ И СЕРИОЗНИ НАРАНЯВАНИЯ. Не поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване.
SK	MOŽE NASTAT SMŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autovačku pre deti do polohy proti smeru vožby, keď je aktívny airbag spoljezdca.
RUS	ТРАВМЫ И ЛЕТАЛЬНЫЙ ИСХОД. Детское кресло, устанавливаемое против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности.
HR	OPASNOST OD TEŠKIH ILI SMITONOSNIH OZLJEĐA. Sjedala za djecu koja se montiraju u smjeru suprotnom od vožnje ne smiju se instalirati na prednja sjedala ako postoji aktivni zračni jastuk suvozača.
AS	قد تحدث حالات وفاة أو إصابات بالغة. لا تستخدم مقاعد الأمان الخاصة بالأطفال على مقعد مزود الوسادة هوائية، حيث أن الطفل قد يتعرض للوفاة أو الإصابة بالغة.

Seat Belts For Older Children

Children over 1.50 m in height can wear seat belts instead of using child restraints.

Use this simple 5-step test to decide whether the seat belt properly fits the child or if they should still use a Group 2 or Group 3 child restraint to improve the fit of the seat belt:

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 Group 2 or 3 child restraint in this vehicle. If the child is using the lap/shoulder belt, check 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.

ISOFIX Restraint System



Fig. E

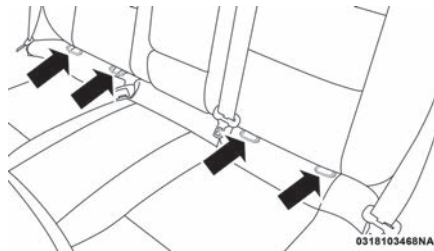
Your vehicle is equipped with the child restraint anchorage system called ISOFIX. This system allows ISOFIX-equipped child seats to be installed without using the vehicle's seat belts. The ISOFIX system has two lower anchorages located at the back of the seat cushion where it meets the seatback and a top tether anchorage located behind the seating position.

An example of a Universal ISOFIX child restraint system for weight group 1 is shown in fig. E. ISOFIX child restraints are also available in the other weight groups.

Locating The ISOFIX 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.

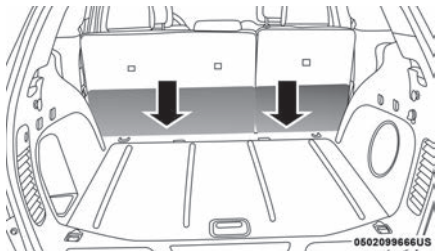


Rear Seat Lower Anchorages

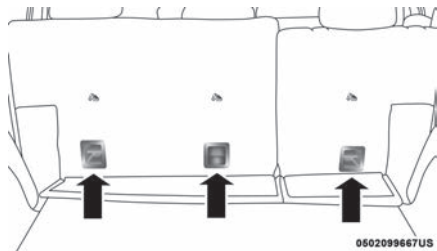
Locating The Tether Anchorages



There are tether strap anchorages behind each rear seating position located on the back of the seat. To access them, pull the carpeted floor panel away from the seat back, this will expose the top tether strap anchorages.



Pulling Down The Carpet Floor Panel To Access Top Tether Strap Anchorage



Pulling Down The Carpet Floor Panel To Access Top Tether Strap Anchorage

ISOFIX child restraint systems will be equipped with a rigid bar on each side. Each will have a 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 may 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 ISOFIX

WARNING!

- Do not install a child restraint in the center position using the ISOFIX system. This position is not approved for any type of ISOFIX child restraint system.
- Do not install your ISOFIX child restraint system using only the center tether anchorage. Use the seat belt to install a child seat in the center seating position.
- Never use the same lower anchorage to attach more than one child restraint. Please refer to "To Install An ISOFIX Child Restraint" for typical installation instructions.

Center Arm Rest Tether

For rear-facing child restraints secured in the center seat position with the vehicle seat belts, the rear center seat position has an armrest tether that secures the arm rest in the upward position.

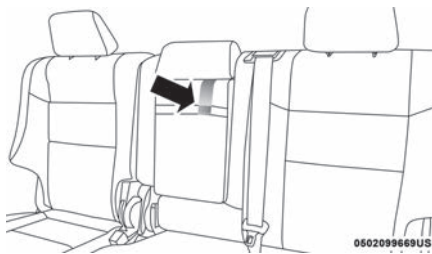
1. To access the center seat arm rest tether, first lower the arm rest. The tether is located behind the armrest and hooked onto the plastic seat backing.



Center Seat Position Arm Rest Tether

2. Pull down on the tether to unhook it from the plastic seat backing.

3. Raise the armrest and attach the tether hook to the strap located on the front of the arm rest.



Center Seat Position Arm Rest Tether Attached

Suitability Of Passenger Seats For ISOFIX Child Restraint System Use

The table below shows the various installation possibilities for ISOFIX child restraint systems on seats fitted with ISOFIX anchorages in accordance with European standard ECE 16.

Vehicle ISOFIX Positions Table

Mass Group	Size Class	Fixture	Front Passenger	Rear Outboard Rt./Lt.	Rear Center
Carrycot	F	ISO/L1	X	X	X
	G	ISO/L2	X	X	X
		(1)	X	N/A	X
0 — up to 10 kg	E	ISO/R1	X	IL/IL	X
		(1)	X	X	X
0+ — up to 13 kg	E	ISO/R1	X	IL/IL	X
	D	ISO/R2	X	IL/IL	X
	C	ISO/R3	X	IL/IL	X
		(1)	X	X	X

Mass Group	Size Class	Fixture	Front Passenger	Rear Outboard Rt./ Lt.	Rear Center
I – 9 to 18 kg	D	ISO/R2	X	IUF/IUF	X
	C	ISO/R3	X	IUF/IUF	X
	B	ISO/F2	X	IUF/IUF	X
	B1	ISO/F2X	X	IUF/IUF	X
	A	ISO/F3	X	IUF/IUF	X
		(1)	X	N/A	X
II – 15 to 25 kg		(1)	X	N/A	X
III – 22 to 36 kg		(1)	X	N/A	X

Key of letters used in the table above:

- (1) = For the CRS which do not carry the ISO/XX size class identification (A to G), for the applicable mass group, the car manufacturer shall indicate the vehicle specific ISO-FIX child restraint system(s) recommended for each position.
- IL = Suitable for ISOFIX child restraint systems of the "Specific for the vehicle", "Restricted", or "Semi-universal" categories, approved for this type of vehicle.
- IUF = Suitable for ISOFIX forward child restraint systems of universal category approved for use in the mass group.
- X = ISOFIX position not suitable for ISOFIX child restraint systems in this mass group and/or this size class.

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. When using a Universal ISOFIX child restraint system, you can only use approved child restraint systems with the marking ECE R44 (release R44/03 or superior) "Universal ISO-FIX".

To Install An ISOFIX Child Restraint

If the selected seating position has a Switchable Automatic Locking Retractor (ALR) seat belt, stow the seat belt, following the instructions below. See the section "Installing Child Restraints Using the Vehicle Seat Belt" to check what type of seat belt each seating position has.

1. Loosen the adjusters on the lower connectors and on the tether strap of the child seat

so that you can more easily attach the connectors to the vehicle anchorages.

2. Place the child seat between the lower anchorages for that seating position. For some second row seats, you may need to 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.
3. Attach the connectors of the child restraint to the lower anchorages in the selected seating position.

- If the child restraint has a tether strap, connect it to the top tether anchorage. See the section “Installing Child Restraints Using the Top Tether Anchorage” for directions to attach a tether anchor.
- 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.
- 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 25 mm in any direction.

WARNING!

- Improper installation of a child restraint to the ISOFIX 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.

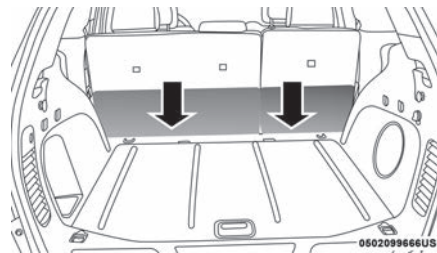
(Continued)

WARNING! (Continued)

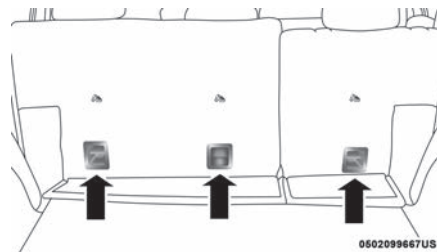
- Install the child restraint system when the vehicle is stationary. The ISOFIX child restraint system is correctly fixed to the brackets when you hear the click.

Installing Child Restraints Using The Top Tether Anchorage

- Look behind the seating position where you plan to install the child restraint to find the tether anchorage. 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.
- To access the top tether strap anchorages behind the rear seat, pull the carpeted floor panel away from the seat back, this will expose the top tether strap anchorages.

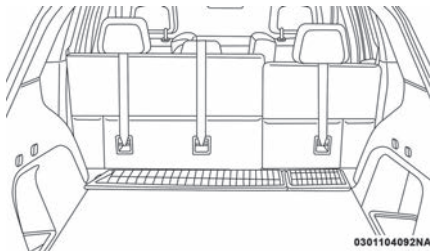


Pulling Down The Carpet Floor Panel To Access Top Tether Strap Anchorage



Top Tether Strap Anchorage (Located On Seatback)

3. 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.
4. For the center seating position, route the tether strap over the seatback and headrest then attach the hook to the tether anchor located on the back of the seat.
5. Attach the tether strap hook of the child restraint to the top tether anchorage as shown in the diagram.



Top Tether Strap Mounting

6. Remove slack in the tether strap according to the child restraint manufacturer's instructions.

WARNING!

- The top tether anchorages are not visible until the gap panel is folded down. Do not use the visible cargo tie down hooks, located on the floor behind the seats, to attach a child restraint tether anchor.
- 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.
- 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.

How To Stow An Unused Switchable-ALR (ALR) Seat Belt:

When using the ISOFIX 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 ISOFIX 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.

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 rear 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. 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. Refer to the “Automatic Locking Mode” description in “Switchable Automatic Locking Retractors (ALR)” under “Occupant Restraint Systems” for additional information on ALR.

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. For some second row seats, you may need to 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. 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 25 mm in any direction.

Any seat belt system will loosen with time, so check the belt occasionally, and pull it tight if necessary.

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.

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 build-up 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.

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.
- 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 a competent mechanic inspect the com-

plete 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.


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.

Front seat belt assemblies must be replaced after a collision. Rear seat belt assemblies must be replaced after a collision if they have been damaged (i.e., bent retractor, torn webbing, etc.). If there is any question regarding seat belt or retractor condition, replace the seat belt.

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 turned to ON/RUN. 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.

Refer to “Occupant Restraint Systems” in “Safety” for further information.

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:

(Continued)

WARNING! (Continued)

- 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.

(Continued)

WARNING! (Continued)

- ONLY use the passenger's side floor mat on the passenger's side floor area.
- 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 wheel nuts 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.

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STARTING THE ENGINE — GAS

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 mode is in the OFF mode, 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.

(Continued)

WARNING! *(Continued)*

- 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 ACC or ON/RUN mode. 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 build-up may cause serious injury or death.

Automatic Transmission

The gear selector must be in the NEUTRAL or PARK 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, 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.

(Continued)

CAUTION! *(Continued)*

- 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.

Normal Starting

To Turn On The Engine Using The ENGINE START/STOP Button

1. The transmission must be in PARK or NEUTRAL.
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 button again.

NOTE:

Normal starting of either a cold or a warm engine is obtained without pumping or pressing the accelerator pedal.

To Turn Off The Engine Using 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 mode.
3. If the gear selector is not in PARK (with vehicle stopped) and the ENGINE START/STOP button is pushed once, the transmission will automatically select PARK and the engine will turn off, however the ignition will remain in the ACC mode (NOT the OFF mode). Never leave a vehicle out of the PARK position, or it could roll.
4. If the gear selector is in NEUTRAL, and the vehicle speed is below 5 mph (8 km/h), pushing the START/STOP button once will turn the engine off. The ignition will remain in the ACC mode.
5. If the vehicle speed is above 5 mph (8 km/h), the ENGINE START/STOP button must be held for two seconds (or three short pushes in a row) to turn the engine off. The ignition will remain in the ACC mode (NOT the OFF mode) if the engine is turned off when the transmission is not in PARK.

NOTE:

The system will automatically time out and the ignition will cycle to the OFF mode after 30 minutes of inactivity if the ignition is left in the ACC or RUN (engine not running) mode and the transmission is in PARK.

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 three modes: OFF, ACC, and RUN. To change the ignition modes without starting the vehicle and use the accessories, follow these steps:

1. Starting with the ignition in the OFF mode,
2. Push the ENGINE START/STOP button once to place the ignition to the ACC mode (instrument cluster will display "ACC"),
3. Push the ENGINE START/STOP button a second time to place the ignition to the RUN mode (instrument cluster will display "ON/RUN"),
4. Push the ENGINE START/STOP button a third time to return the ignition to the OFF mode (instrument cluster will display "OFF").

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. For further information, refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel".

AutoPark

AutoPark is a supplemental feature to assist in placing the vehicle in PARK 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 switched from RUN to ACC

NOTE:

For Keyless Go equipped vehicles, The engine will turn off and the ignition switch will change to ACC mode. 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 depressed

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 shifter 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). 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 shifter. As an added precaution, always apply the parking brake when exiting the vehicle.

If Engine Fails To Start

If the engine fails to start after you have followed the “Normal Starting” or “Extreme Cold Weather” procedure, and has not experienced an extended park condition as identified in “Extended Park Starting” procedure it may be flooded. Push the accelerator pedal all the way to the floor and hold it there. Crank the engine for no more than 15 seconds. This should clear any excess fuel in case the engine is flooded. Leave the ignition key in the RUN position, release the accelerator pedal and 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.

(Continued)

WARNING! (Continued)

- 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. Refer to “Jump Starting Procedure” in “In Case Of Emergency” for further information.

CAUTION!

To prevent damage to the starter, do not continuously crank the engine for more than 25 seconds at a time. Wait 60 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 your authorized dealer) is recommended.

After Starting

The idle speed is controlled automatically, and it will decrease as the engine warms up.

STARTING THE ENGINE — 3.0L DIESEL ENGINE

Before starting your vehicle, adjust your seat, both inside and outside mirrors, and fasten your seat belts.

The starter is allowed to crank for up to 30-second intervals. Waiting a few minutes between such intervals will protect the starter from overheating.

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 mode, key fob is removed from the vehicle and vehicle is locked.

(Continued)

WARNING! (Continued)

- 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 ACC or ON/RUN mode. 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 build-up may cause serious injury or death.

NOTE:

Engine start up in very low ambient temperature could result in evident white smoke. This condition will disappear as the engine warms up.

CAUTION!

- The engine is allowed to crank as long as 30 seconds. If the engine fails to start during this period, please wait at least two minutes for the starter to cool before repeating start procedure.
- If the "Water in Fuel Indicator Light" remains on, DO NOT START engine before you drain the water from the fuel filters to avoid engine damage. Refer to "Draining Fuel/Water Separator Filter" in "Servicing And Maintenance" for further information.

Automatic Transmission

Start the engine with the transmission gear selector in the PARK position. Apply the brake before shifting to any driving range.

Extreme Cold Weather

The engine block heater is a resistance heater installed in the water jacket of the engine. It requires a 230 Volt AC electrical outlet with a grounded, three-wire extension cord. Its use is recommended for environments that routinely fall below -10°F (-23°C). It should be used when the vehicle has not been running overnight or longer periods and should be plugged in two hours prior to start. Its use is required for cold starts with temperatures under -20°F (-28°C).

NOTE:

The engine block heater cord is a factory installed option. If your vehicle is not equipped, heater cords are available from your authorized Mopar dealer.

- A 12 Volt heater built into the fuel filter housing aids in preventing fuel gelling. It is controlled by a built-in thermostat.
- A Diesel Pre-Heat system both improves engine starting and reduces the amount of white smoke generated by a warming engine.

Normal Starting

Observe the instrument panel cluster lights when starting the engine.

NOTE:

Normal starting of either a cold or a warm engine is obtained without pumping or pressing the accelerator pedal

1. Always apply the parking brake.
2. Press and hold the brake pedal while pushing the ENGINE START/STOP button once.

NOTE:

A delay of the start of up to five seconds is possible under very cold conditions. The "Wait to Start" telltale will be illuminated during the pre-heat process, When the engine Wait To Start light goes off the engine will automatically crank.

CAUTION!

If the “Water in Fuel Indicator Light” remains on, DO NOT START the engine before you drain the water from the fuel filters to avoid engine damage. Refer to “Draining Fuel/Water Separator Filter” in “Servicing And Maintenance” for further information.

3. The system will automatically engage the starter to crank the engine. If the vehicle fails to start, the starter will disengage automatically after 25 seconds.
4. If you wish to stop the cranking of the engine prior to the engine starting, push the button again.
5. Check that the oil pressure warning light has turned off.
6. Release the parking brake.

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. For further information, refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel”.

Starting Fluids

The engine is equipped with a glow plug pre-heating system. If the instructions in this manual are followed, the engine should start in all conditions and no type of starting fluid should be used.

WARNING!

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build up may cause serious injury or death.
- When leaving the vehicle, always make sure the keyless ignition node is in the “OFF” mode, 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 gear selector.

(Continued)

WARNING! (Continued)

- 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 ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.

NORMAL OPERATION — 3.0L DIESEL ENGINE

Observe the following when the diesel engine is operating.

- All message center lights are off.
- Malfunction Indicator Light (MIL) is off.
- Engine Oil Pressure telltale is not illuminated.
- Voltmeter operation:

The voltmeter may show a gauge fluctuation at various engine temperatures. This is caused by the glow plug heating system. The number of cycles and the length of the cycling operation is controlled by the engine control module. Glow plug heater operation can run for several minutes, once the heater operation is complete the voltmeter needle will stabilize.

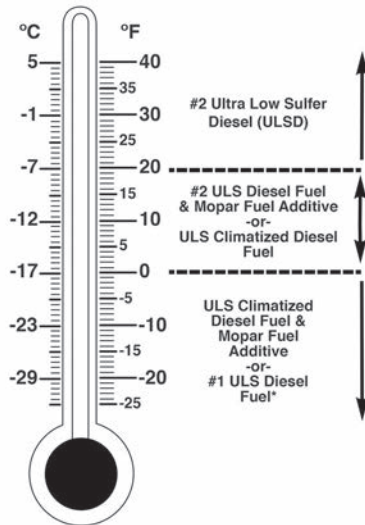
Cold Weather Precautions

Operation in ambient temperature below 32°F (0°C) may require special considerations. The following charts suggest these options:

Fuel Operating Range

NOTE:

Use "Ultra Low Sulfur Diesel Fuels" **ONLY**.



Fuel Operating Range Chart

*No. 1 Ultra Low Sulfur Diesel Fuel should only be used where extended arctic conditions (0°F/-18°C) exist".

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NOTE:

- Use of Climatized Ultra Low Sulfur Diesel Fuel or Number 1 Ultra Low Sulfur Diesel Fuel results in a noticeable decrease in fuel economy.
- Climatized Ultra Low Sulfur Diesel Fuel is a blend of Number 2 Ultra Low Sulfur and Number 1 Ultra Low Sulfur Diesel Fuels which reduces the temperature at which wax crystals form in fuel.
- The fuel grade should be clearly marked on the pump at the fuel station.
- The engine requires the use of “**Ultra Low Sulfur Diesel Fuel**”. Use of incorrect fuel could result in engine and exhaust system damage. Refer to “Fuel Requirements” in “Technical Specifications” for further information.

- If climatized or diesel Number 1 ULSD fuel is not available, and you are operating below (20°F/-6°C), in sustained arctic conditions, Mopar Premium Diesel Fuel Treatment (or equivalent) is recommended to avoid gelling (see Fuel Operating Range Chart).

Engine Oil Usage

Refer to “Dealer Service” in “Servicing And Maintenance” for the correct engine oil viscosity.

Engine Warm-Up

Avoid full throttle operation when the engine is cold. When starting a cold engine, bring the engine up to operating speed slowly to allow the oil pressure to stabilize as the engine warms up.

If temperatures are below 32°F (0°C), operate the engine at moderate speeds for five minutes before full loads are applied.

Engine Idling

Avoid prolonged idling, long periods of idling may be harmful to your engine because combustion chamber temperatures can drop so low that the fuel may not burn completely. Incomplete combustion allows carbon and varnish to form on piston rings, cylinder head valves, and injector nozzles. Also, the unburned fuel can enter the crankcase, diluting the oil and causing rapid wear to the engine.

Stopping The Engine

After full load operation, idle the engine for a few minutes before shutting it down. This idle period will allow the lubricating oil and coolant to carry excess heat away from the turbocharger.

NOTE:

Refer to the following chart for proper engine shutdown.

Driving Condition	Load	Turbocharger Temperature	Idle Time (min.) Before Engine Shutdown
Stop and Go	Empty	Cool	None
Stop and Go	Medium		0.5
Highway Speeds	Medium	Warm	1.0
City Traffic	Maximum GCWR		1.5
Highway Speeds	Maximum GCWR		2.0
Uphill Grade	Maximum GCWR	Hot	2.5

NOTE:

Under certain conditions the engine fan will run after the engine is turned off. These conditions are under high load and high temperature conditions.

Cooling System Tips — Automatic Transmission

To reduce the potential for engine and transmission overheating in high ambient temperature conditions, take the following actions:

- City Driving — When stopped, shift the transmission into NEUTRAL and increase engine idle speed.
- Highway Driving — Reduce your speed.
- Up Steep Hills — Select a lower transmission gear.
- Air Conditioning — Turn it off temporarily.

NOTE:

If the coolant temperature is too high the A/C will automatically turn off.

Do Not Operate The Engine With Low Oil Pressure

If the low oil pressure warning light turns on while driving, stop the vehicle and shut down the engine as soon as possible. A chime will sound when the light turns on.

NOTE:

Do not operate the vehicle until the cause is corrected. This light does not show how much oil is in the engine. The engine oil level must be checked under the hood.

CAUTION!

If oil pressure falls to less than normal readings, shut the engine off immediately. Failure to do so could result in immediate and severe engine damage.

Do Not Operate The Engine With Failed Parts

All engine failures give some warning before the parts fail. Be on the alert for changes in performance, sounds, and visual evidence that the engine requires service. Some important clues are:

- Engine misfiring or vibrating severely.
- Sudden loss of power.
- Unusual engine noises.
- Fuel, oil or coolant leaks.
- Sudden change, outside the normal operating range, in the engine operating temperature.
- Excessive smoke.
- Oil pressure drop.

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 re-start 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.

Automatic Mode



The Stop/Start feature is enabled after every normal customer engine start. At that time, the system will go into STOP/START READY and if all other conditions are met, can go into a STOP/START AUTOSTOP

ACTIVE “Autostop” mode.

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. Refer to “Instrument Cluster” in “Getting To Know Your Instrument Panel” for further information.
- The vehicle must be completely stopped.

- The shifter must be in a forward gear and the brake pedal depressed.

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.

Refer to the “Stop/Start System” in the “Starting And Operating” section for further information.

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 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 4LO transfer case mode.
- Brake pedal is not pressed with sufficient pressure.

Other Factors Which Can Inhibit Autostop Include:

- Accelerator pedal input.
- Engine temp too high.
- 5 mph (8 km/h) threshold not achieved from previous AUTOSTOP.
- Steering angle beyond threshold.
- ACC is on and speed is set.

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 listed above.

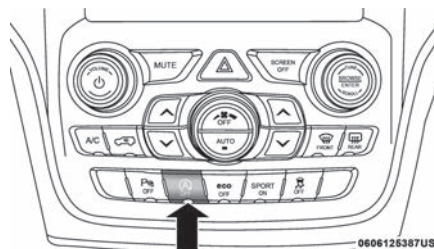
To Start The Engine While In Autostop Mode

While in a forward gear, the engine will start when the brake pedal is released or the throttle pedal is depressed. 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.
- Low brake vacuum (e.g. after several brake pedal applications).
- STOP/START OFF switch is pushed.
- A STOP/START system error occurs.
- 4WD system is put into 4LO mode.

To Manually Turn Off The Stop/Start System



STOP/START Off Switch

1. Push the STOP/START OFF switch (located on the switch bank). The light on the switch will illuminate.
2. The “STOP/START OFF” message will appear in instrument cluster display within the Stop/Start section. Refer to “Instrument Cluster” in “Getting To Know Your Instrument Panel” for further information.
3. At the next vehicle stop (after turning off the STOP/START system), the engine will not be stopped.
4. The STOP/START system will reset itself back to an ON condition 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 will appear in the instrument cluster display. Refer to “Instrument Cluster Display” in “Getting to Know Your Instrument Panel” for further information.

If the “SERVICE STOP/START SYSTEM” message appears in the instrument cluster display, have the system checked by an authorized dealer.

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 located:

- 3.6L Engine — Coiled and strapped to the engine oil dipstick tube.
- 5.7L Engine — Bundled and fastened to the injector harness.

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 — GASOLINE ENGINES

A long break-in period is not required for the drivetrain (engine, transmission, clutch, and rear axle) in your new vehicle.

Drive moderately during the first 300 miles (500 km). After the initial 60 miles (100 km), speeds up to 50 or 55 mph (80 or 90 km/h) are desirable.

While cruising, brief full-throttle acceleration within the limits of local traffic laws contributes to a good break-in. However, wide-open throttle acceleration in low gear can be detrimental and should be avoided.

The engine oil, transmission fluid, and axle lubricant installed at the factory is high-quality and energy-conserving. Oil, fluid, and lubricant changes should be consistent with anticipated climate and conditions under which vehicle operations will occur. For the recommended viscosity and quality grades, refer to “Fluids And Lubricants” in “Technical Specifications”.

CAUTION!

Never use Non-Detergent Oil or Straight Mineral Oil in the engine or damage may result.

NOTE:

A new engine may consume some oil during its first few thousand miles (kilometers) of operation. This should be considered a normal part of the break-in and not interpreted as an indication of difficulty. Please check your oil level with the engine oil indicator often during the break in period. Add oil as required.

ENGINE BREAK-IN RECOMMENDATIONS — 3.0L DIESEL

The diesel engine does not require a break-in period due to its construction. Normal operation is allowed, providing the following recommendations are followed:

- Warm up the engine before placing it under load.
- Do not operate the engine at idle for prolonged periods.
- Use the appropriate transmission gear to prevent engine lugging.
- Observe vehicle oil pressure and temperature indicators.
- Check the coolant and oil levels frequently.
- Vary throttle position at highway speeds when carrying or towing significant weight.

NOTE:

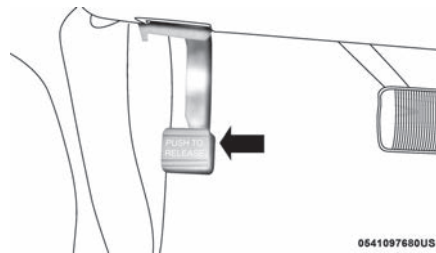
Light duty operation such as light trailer towing or no load operation will extend the time before the engine is at full efficiency. Reduced fuel economy and power may be seen at this time.

The engine oil installed in the engine at the factory is a high-quality energy conserving type lubricant. Oil changes should be consistent with anticipated climate conditions under which vehicle operations will occur. The recommended viscosity and quality grades are shown under "Fluids And Lubricants" in "Technical Specifications" in this manual. **NON-DETERGENT OR STRAIGHT MINERAL OILS MUST NEVER BE USED.**

PARKING BRAKE

Before leaving the vehicle, make sure that the parking brake is fully applied and place the gear selector in the PARK position.

The foot operated parking brake is located below the lower left corner of the instrument panel. To apply the park brake, firmly push the park brake pedal fully. To release the parking brake, press the park brake pedal a second time and let your foot up as you feel the brake disengage.



Parking Brake

When the parking brake is applied with the ignition switch in the ON mode, the Brake Warning Light in the instrument cluster will illuminate.

NOTE:

- When the parking brake is applied and the transmission is placed in gear, the Brake Warning Light will flash. If vehicle speed is detected, a chime will sound to alert the driver. Fully release the parking brake before attempting to move the vehicle.
- This light only shows that the parking brake is applied. It does not show the degree of brake application.

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.

The parking brake should always be applied whenever the driver is not in the vehicle.

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 leaving the vehicle, always remove the key fob from the ignition 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.
- When leaving the vehicle, always make sure the keyless ignition node is in the OFF mode, remove the key fob from the vehicle and lock the vehicle.

(Continued)

WARNING! (Continued)

- 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 ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.
- Be sure the parking brake is fully disengaged before driving; failure to do so can lead to 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 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.

AUTOMATIC TRANSMISSION

WARNING!

- Never use the PARK 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 (P) without blinking. Ensure that the vehicle is completely stopped, and the PARK position is properly indicated, before exiting the vehicle.

(Continued)

WARNING! (Continued)

- It is dangerous to shift out of PARK or NEUTRAL 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 mode, 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 mode, remove the key fob from the vehicle, and lock the vehicle.

(Continued)

WARNING! (Continued)

- 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 ACC or ON/RUN mode. 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 only after the vehicle has come to a complete stop.
- Do not shift between PARK, REVERSE, NEUTRAL, or DRIVE when the engine is above idle speed.
- Before shifting into any gear, make sure your foot is firmly pressing the brake pedal.

NOTE:

You must press and hold the brake pedal while shifting out of PARK.

Ignition Park Interlock

This vehicle is equipped with an Ignition Park Interlock which requires the transmission to be in PARK before the ignition can be turned to the OFF mode. 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 mode.

NOTE:

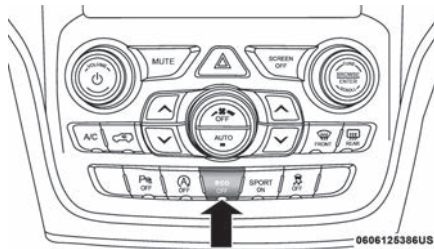
The transmission is NOT locked in PARK when the ignition is in the ACC mode (even though the engine will be off). Ensure that the transmission is in PARK, and the ignition is **OFF** (not in ACC mode) before exiting the vehicle.

Brake/Transmission Shift Interlock System

This vehicle is equipped with a Brake Transmission Shift Interlock system (BTSI) 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.

Fuel Economy (ECO) Mode

The Fuel Economy (ECO) mode can improve the vehicle's overall fuel economy during normal driving conditions. Push the "ECO" switch in the center stack of the instrument panel to activate or disable ECO mode. A light on the switch indicates when ECO mode is disabled.



Fuel Economy Mode Switch

When the Fuel Economy (ECO) Mode is engaged, the vehicle control systems will change the following:

- The transmission will upshift sooner and downshift later.
- The overall driving performance will be more conservative.
- Vehicles with Quadra-Lift air suspension will operate in "Aero" mode over a broader speed range. Refer to the section on Quadra-Lift for further information.
- Some ECO mode functions may be temporarily inhibited based on temperature and other factors.

Active Noise Cancellation — If Equipped

Your vehicle is equipped with an Active Noise Cancellation System. This system uses four microphones embedded in the headliner to detect undesirable exhaust noise, which sometimes occurs when operating in ECO mode. An onboard frequency generator creates counter-acting sound waves through the audio system to help keep the vehicle quiet.

Eight-Speed Automatic Transmission

The transmission gear range (PRNDM) is displayed both beside the gear selector and in the instrument cluster. To select a gear range, press the lock button on the gear selector and move the selector rearward or forward. To shift the transmission out of PARK, the engine must be running and the brake pedal must be pressed. You must also press the brake pedal to shift from NEUTRAL into DRIVE or REVERSE when the vehicle is stopped or moving at low speeds. Select the DRIVE range for normal driving.

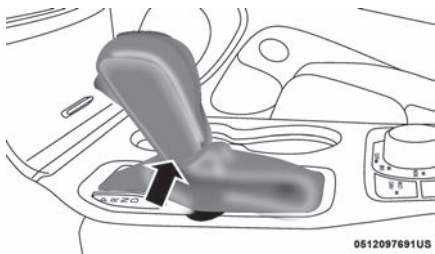
NOTE:

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 provides PARK, REVERSE, NEUTRAL, DRIVE and MANUAL or SPORT (AutoStick) shift positions. Manual shifts can be made using the AutoStick shift control. Toggling the gear selector forward (-) or rearward (+) while in the MANUAL or SPORT (AutoStick) position (beside the DRIVE position), or tapping the shift paddles (+/-), will manually select the transmission gear, and will display the current gear in the instrument cluster. Refer to "AutoStick" in this section for further information.



Gear Selector

NOTE:

If the gear selector cannot be moved to the PARK, REVERSE, or NEUTRAL position (when pushed forward), it is probably in the AutoStick (+/-) position (beside the DRIVE position). In AutoStick mode, the transmission gear (1, 2, 3, etc.) is displayed in the instrument cluster. Move the gear selector to the right (into the DRIVE [D] position) for access to PARK, REVERSE, and NEUTRAL.

Gear Ranges

Do not depress the accelerator pedal when shifting from PARK or NEUTRAL 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 level surface, you may shift the transmission into PARK first, and then apply the parking brake.

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 and,
- Remove the key fob from the vehicle.

NOTE:

On four-wheel drive vehicles be sure that the transfer case is in a drive position.

WARNING!

- Never use the PARK 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 (P) without blinking. Ensure that the vehicle is completely stopped, and the PARK position is properly indicated, before exiting the vehicle.

(Continued)

WARNING! (Continued)

- It is dangerous to shift out of PARK or NEUTRAL 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 mode, 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 mode, remove the key fob from the vehicle, and lock the vehicle.

(Continued)

WARNING! (Continued)

- 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 ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.

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:

- When shifting into PARK, push the lock button on the gear selector and firmly move the selector all the way forward until it stops and is fully seated.
- Look at the transmission gear position display and verify that it indicates the PARK position (P), and is not blinking.
- With brake pedal released, verify that the gear selector will not move out of PARK.

NOTE:

If the gear selector cannot be moved to the PARK position (when pushed forward), it is probably in the AutoStick (+/-) position (beside the DRIVE position). In AutoStick mode, the transmission gear (1, 2, 3, etc.) is displayed in the instrument cluster. Move the gear selector to the right (into the DRIVE [D] position) for access to PARK, REVERSE, and NEUTRAL.

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 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.

Refer to “Recreational Towing” in “Starting And Operating” and “Towing A Disabled Vehicle” in “In Case Of Emergency” for further information.

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. The DRIVE position provides optimum driving characteristics under all normal operating conditions.

When frequent transmission shifting occurs (such as when operating the vehicle under heavy loading conditions, in hilly terrain, travel-

ing into strong head winds, or while towing a heavy trailer), use the AutoStick shift control (refer to “AutoStick” in this section for further information) to select a lower gear. Under these conditions, using a lower gear will improve performance and extend transmission life by reducing excessive shifting and heat buildup.

During extremely cold temperatures (-22°F [-30°C] or below), transmission operation may be modified depending on engine and transmission temperature as well as vehicle speed. Normal operation will resume once the transmission temperature has risen to a suitable level.

MANUAL (M)

The MANUAL (M, +/-) position (beside the DRIVE position) enables full manual control of transmission shifting (also known as AutoStick mode; refer to “AutoStick” in this section for further information). Toggling the gear selector forward (-) or rearward (+) while in the MANUAL (AutoStick) position will manually select the transmission gear, and will display the current gear in the instrument cluster.

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, if possible. If not, shift the transmission to NEUTRAL.
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.

AutoStick

AutoStick is a driver-interactive transmission feature providing manual shift control, giving you more control of the vehicle. AutoStick allows you to maximize engine braking, eliminate undesirable upshifts and downshifts, and improve overall vehicle performance. This system can also provide you with more control during passing, city driving, cold slippery conditions, mountain driving, trailer towing, and many other situations.

Operation

To activate AutoStick mode, move the gear selector into the MANUAL (M) position (beside the DRIVE position), or tap one of the shift paddles on the steering wheel. Tapping the (-) shift paddle to enter AutoStick mode will downshift the transmission to the next lower gear, while tapping (+) to enter AutoStick mode will retain the current gear. The current transmission gear will be displayed in the instrument cluster. In AutoStick mode, you can use the gear selector (in the MANUAL position), or the shift paddles, to manually shift the transmission. Tap-

ping the gear selector forward (-) while in the MANUAL (M) position, or tapping the (-) shift paddle, will downshift the transmission to the next lower gear. Tapping the selector rearward (+) (or tapping the (+) shift paddle) will command an upshift.

NOTE:

The shift paddles may be disabled (or re-enabled, as desired) using the Uconnect Personal Settings.

In AutoStick mode, the transmission will shift up or down when (+/-) is manually selected by the driver (using the gear selector, or the shift paddles), unless an engine lugging or over-speed condition would result. It will remain in the selected gear until another upshift or downshift is chosen, except as described below.

- The transmission will automatically downshift as the vehicle slows (to prevent engine lugging) and will display the current gear.
- The transmission will automatically downshift to first gear when coming to a stop. After a stop, the driver should manually upshift (+) the transmission as the vehicle is accelerated.
- You can start out, from a stop, in first or second gear (or third gear, in 4LO range, Snow mode, or Sand mode). Tapping (+) (at a stop) will allow starting in second gear. Starting out in second or third gear can be helpful in snowy or icy conditions.

- If a requested downshift would cause the engine to over-speed, that shift will not occur.
- The system will ignore attempts to upshift at too low of a vehicle speed.
- Holding the (-) paddle depressed, or holding the gear selector in the (-) position, will downshift the transmission to the lowest gear possible at the current speed.
- Transmission shifting will be more noticeable when AutoStick is enabled.
- The system may revert to automatic shift mode if a fault or overheat condition is detected.

NOTE:

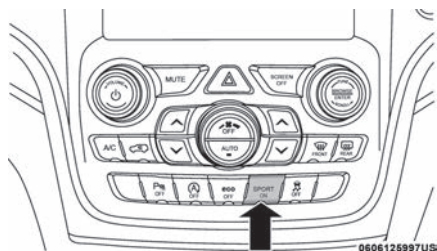
When Selec-Speed or Hill Descent Control is enabled, AutoStick is not active.

To disengage AutoStick, return the gear selector to the DRIVE position, or press and hold the (+) shift paddle (if the gear selector is already in DRIVE) until "D" is once again indicated in the instrument cluster. You can shift in or out of AutoStick at any time without taking your foot off the accelerator pedal.

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.

SPORT MODE — IF EQUIPPED



Sport Mode Button

Your vehicle is equipped with a Sport Mode feature. This mode is a configuration set up for typical enthusiast driving. The engine, transmission, and steering systems are all set to their SPORT settings. Sport Mode will provide improved throttle response and modified shifting for an enhanced driving experience, as well as the greatest amount of steering feel. This mode may be activated and deactivated by pushing the Sport button on the instrument panel switch bank.

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. Refer to “Off-Road Driving Tips” in “Starting And Operating”

Quadra-Trac II Operating Instructions/Precautions — If Equipped

The Quadra-Trac II transfer case is fully automatic in the normal driving 4WD AUTO mode. The Quadra-Trac II transfer case provides three mode positions:

- 4WD HI
- NEUTRAL
- 4WD LOW

This transfer case is fully automatic in the 4WD HI mode.

When additional traction is required, the 4WD LOW position can be used to lock the front and rear driveshafts together and force the front and rear wheels to rotate at the same speed. The 4WD LOW position is intended for loose, slippery road surfaces only. Driving in the 4WD LOW position on dry, hard-surfaced roads may cause increased tire wear and damage to drive-line 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 NEUTRAL position without first fully engaging the parking brake. The transfer case 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 4WD system mode position, see the information below:

4WD AUTO

This range is used on surfaces such as ice, snow, gravel, sand, and dry hard pavement.

NOTE:

Refer to “Selec-Terrain — If Equipped” further on in this section for further information on the various positions and their intended usages.

NEUTRAL

This range disengages the driveline from the powertrain. It is to be used for flat towing behind another vehicle. Refer to “Recreational Towing” in “Starting And Operating” for further information.

WARNING!

You or others could be injured or killed if you leave the vehicle unattended with the transfer case in the NEUTRAL position without first fully engaging the parking brake. The transfer case 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 only. Do not exceed 25 mph (40 km/h).

NOTE:

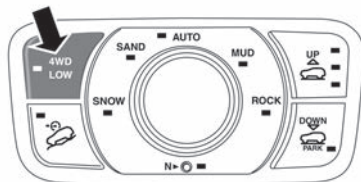
Refer to “Selec-Terrain — If Equipped” for further information on the various positions and their intended usages.

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 “N”, and push the “4WD LOW” button once on the transfer case switch. The “4WD LOW” indi-

cator light in the instrument cluster will begin to flash and remain on solid when the shift is complete.



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Transfer Case Switch

NOTE:

If shift conditions/interlocks are not met, or a transfer case motor temperature protection condition exists, a “For 4x4 Low Slow Below 3 mph (5 km/h) Put Trans in “N” Press 4 Low” message will flash from the instrument cluster display. Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for further information.

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, and push the “4WD LOW” button once on the transfer case switch. The “4WD LOW” indicator light in the instrument cluster will flash and go out when the shift is complete.

NOTE:

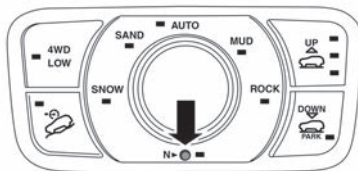
- If shift conditions/interlocks are not met, or a transfer case motor temperature protection condition exists, a “For 4x4 High Slow Below 3 mph (5 km/h) Put Trans in N push 4 Low” message will flash from the instrument cluster display. Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for further information.
- 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.

Shifting Into NEUTRAL (N)

WARNING!

You or others could be injured or killed if you leave the vehicle unattended with the transfer case in the NEUTRAL (N) position without first fully engaging the parking brake. The NEUTRAL (N) 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.

1. Bring the vehicle to a complete stop, 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.
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 NEUTRAL (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 “NEUTRAL” message will appear in the instrument cluster display. Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for further information.
6. After the shift is completed and the NEUTRAL (N) light stays on, release the NEUTRAL (N) button.
7. Shift the transmission into REVERSE.
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. Firmly apply the parking brake.
11. With the transmission and transfer case in NEUTRAL, push and hold the ENGINE START/STOP button until the engine turns off.
12. Place the transmission gear selector in PARK. Release the brake pedal.
13. Push the ENGINE STOP/START button twice (without pressing the brake pedal), to turn the ignition to the OFF mode.
14. Release the parking brake only when the vehicle is securely attached to a tow vehicle.



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NEUTRAL (N) Switch

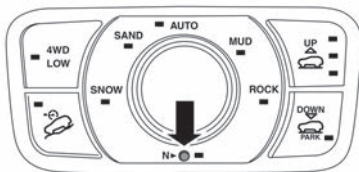
NOTE:

If shift conditions/interlocks are not met, a “To Tow Vehicle Safely, Read Neutral Shift Procedure in Owner’s Manual” message will flash from the instrument cluster display. Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for further information.

Shifting Out Of NEUTRAL (N)

Use the following procedure to prepare your vehicle for normal usage.

1. Bring the vehicle to a complete stop.
2. Firmly apply the parking brake.
3. Start the engine.
4. Press and hold the brake pedal.
5. Shift the transmission into NEUTRAL.
6. Using a ballpoint pen or similar object, push and hold the recessed transfer case NEUTRAL (N) button (located by the selector switch) for one second.



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NEUTRAL (N) Switch

7. When the NEUTRAL (N) indicator light turns off, release the NEUTRAL (N) button.
8. After the NEUTRAL (N) button has been released, the transfer case will shift to the position indicated by the selector switch.

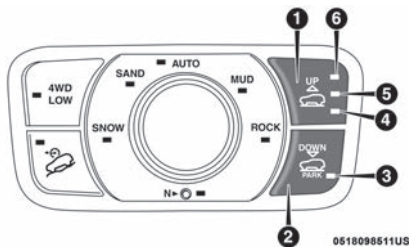
Quadra-Drive II System — If Equipped

The optional 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 optional 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.

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 the push of a button. 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, 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.



Selec-Terrain Switch

- 1 — UP Button
 - 2 — DOWN Button
 - 3 — Entry/Exit Mode Indicator Lamp (Customer Selectable)
 - 4 — Normal Ride Height Indicator Lamp (Customer Selectable)
 - 5 — Off-Road 1 Indicator Lamp (Customer Selectable)
 - 6 — Off-Road 2 Indicator Lamp (Customer Selectable)
-
- **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 1.1 inches (28 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 “UP” button once from the NRH position while the vehicle speed is below 38 mph (61 km/h). When in the OR1 position, 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. Refer to “Driving Tips” in “Starting And Operating” for further information.
- **Off-Road 2 (OR2) (Raises the vehicle approximately 2.2 inches (55 mm))** – This position is intended for off-roading use only where maximum ground clearance is required. To enter OR2, push the “UP” button 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. Refer to “Driving Tips” in “Starting And Operating” for further information.

- **Aero Mode (Lowers the vehicle approximately 0.6 inches (15 mm))** – This position provides improved aerodynamics by lowering the vehicle. The vehicle will automatically enter Aero Mode when the vehicle speed remains between 52 mph (83 km/h) and 56 mph (90 km/h) for greater than 20 seconds or if the vehicle speed exceeds 56 mph (90 km/h). The vehicle will return to NRH from Aero Mode if the vehicle speed remains between 20 mph (32 km/h) and 25 mph (40 km/h) for greater than 20 seconds or if the vehicle speed falls below 20 mph (32 km/h). The vehicle will enter Aero Mode, regardless of vehicle speed if the vehicle is in “SPORT” mode.
- **Entry/Exit Mode (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 Mode, push the “DOWN” button once from (NRH) while the vehicle speed is below 25 mph (40 km/h). Once the vehicle speed goes below 15 mph (24 km/h) the vehicle height will begin to lower. If the vehicle speed remains between 15 mph (24 km/h) and 25 mph (40 km/h) for greater than 60 seconds, or the vehicle speed exceeds 25 mph (40 km/h) the Entry/Exit Mode change will be cancelled. To exit Entry/Exit Mode, press the “Up” button once while in Entry/Exit Mode or drive the vehicle over 15 mph (24 km/h).

NOTE:

Automatic lowering of the vehicle into Entry/Exit Mode can be enabled through the Uconnect Touch-Screen 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 should be either in Normal or Aero Mode. The Vehicle will not automatically lower if the air suspension level is in Off Rd 2 or Off Rd 1. If the vehicle is equipped with Intrusion Theft Module (ITM), the lowering will be suppressed when the ignition is switched OFF and the door is open to prevent setting the alarm off.

The Selec-Terrain switch 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. Refer to “Selec-Terrain” in “Starting And Operating” for further information.

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. Refer to “Uconnect Settings” in “Multimedia” for further information.

For further information refer to “Driving Tips” in “Starting And Operating” section.

NOTE:

If equipped with a touch screen radio all enabling/disabling of air suspension features must be done through the radio. Refer to “Uconnect Settings” in “Multimedia” for further information.

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 your 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. Refer to "Uconnect Settings" in "Multimedia" for further information.

NOTE:

This mode is intended to be enabled with engine running.

Auto Entry/Exit Mode

To assist in entering and exiting the vehicle, the air suspension system has a feature which automatically lowers the vehicle to entry/exit ride height. Refer to "Uconnect Settings" in "Multimedia" for further information.

NOTE:

This mode is intended to be enabled with engine running.

Transport Mode

To assist with flat bed towing, the air suspension system has a feature which will put the vehicle into Entry/Exit height and disable the automatic load leveling system. Refer to "Uconnect Settings" in "Multimedia" for further information.

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. Refer to "Uconnect Settings" in "Multimedia" for further information.

NOTE:

This mode is intended to be enabled with engine running.

Wheel Alignment Mode

Before performing a wheel alignment this mode must be enabled. Refer to "Uconnect Settings" in "Multimedia" for further information.

NOTE:

This mode is intended to be enabled with engine running.

If equipped with a touch screen radio all enabling/disabling of air suspension features must be done through the radio. Refer to "Uconnect Settings" in "Multimedia" for further information.

Instrument Cluster Display Messages

When the appropriate conditions exist, a message will appear in the instrument cluster. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" for further information.

Operation

The indicator lamps 3 through 6 will illuminate to show the current position of the vehicle. Flashing indicator lamps will show a position which the system is working to achieve. When raising, if multiple indicator lamps are flashing on the "UP" button, the highest flashing indicator lamp is the position the system is working to achieve. When lowering, if multiple indicators are flashing on the "DOWN" button the lowest solid indicator lamp is the position the system is working to achieve.

Pushing the "UP" button once will move the suspension one position higher from the current position, assuming all conditions are met (i.e. engine running, speed below threshold, etc). The "UP" button can be pushed multiple times, each push 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).

Pushing the "DOWN" button once will move the suspension one position lower from the current level, assuming all conditions are met (i.e. engine running, doors closed, speed below threshold, etc). The "DOWN" button can be pressed multiple times. Each push 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 lamps and instrument cluster display messages will operate the same for automatic changes and user requested changes.

- Off-Road 2 (OR2) – Indicator lamps 4, 5, and 6 will be illuminated when the vehicle is in OR2.
- Off-Road 1 (OR1) – Indicator lamps 4 and 5 will be illuminated when the vehicle is in OR1.
- Normal Ride Height (NRH) – Indicator lamp 4 will be illuminated when the vehicle is in this position.
- Entry/Exit Mode – Indicator lamp 3 will be illuminated when the vehicle is in Entry/Exit Mode. If Entry/Exit Mode is requested while vehicle speed is between 15 mph (24 km/h) and 25 mph (40 km/h), indicator lamp 4 will remain on solid and indicator lamp 3 will flash as the system waits for the vehicle to reduce speed. If vehicle speed is reduced to, and kept below, 15 mph (24 km/h) indicator lamp 4 will turn off and indicator lamp 3 will flash until Entry/Exit Mode is achieved at which point indicator lamp 3 will go solid. If during the height change to Entry/Exit Mode, the vehicle speed exceeds 15 mph (24 km/h), the height change will be paused until the vehicle speed either goes below 15 mph (24 km/h) and the height change continues to Entry/Exit Mode, or exceeds 25 mph (40 km/h) and the vehicle height will return to NRH. Entry/Exit Mode may be selected while the vehicle is not

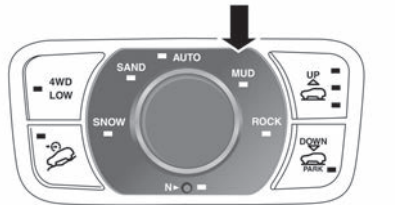
moving provided that the engine is still running and all doors remain closed.

- Transport Mode - No indicator lamps will be illuminated. Customer driving will disable Transport Mode.
- Tire/Jack Mode - Indicator lamps 3 and 6 will be illuminated. Customer driving will disable Tire/Jack Mode.
- Wheel Alignment Mode - Indicator lamps 3 and 4 will be illuminated. Customer driving will disable Wheel Alignment Mode.

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.



Selec-Terrain Switch

Selec-Terrain consists of the following positions:

- **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).
- **Sand** – Off road calibration for use on low traction surfaces such as sand or wet grass. 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 default ride height for Sand is Normal Ride Height (NRH).
- **Mud** – Off road calibration for use on low traction surfaces such as mud. 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.

- **Rock** – Off road calibration only available in 4WD Low range. The vehicle is raised (if equipped with Air Suspension) for improved ground clearance. Traction based tuning with improved steer-ability 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. If the Selec-Terrain switch is in ROCK mode, and the transfer case is switched from 4WD Low to 4WD High, the Selec-Terrain system will return to AUTO.

NOTE:

Activate the Hill Descent Control or Selec Speed Control for steep downhill control. See “Electronic Brake Control System” in this section for further information.

Instrument Cluster Display Messages

When the appropriate conditions exist, a message will appear in the instrument cluster. Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for further information.

FUEL SAVER TECHNOLOGY 5.7L ONLY — IF EQUIPPED

This feature offers improved fuel economy by shutting off four of the engine’s eight cylinders during light load and cruise conditions. The system is automatic with no driver inputs or additional driving skills required.

NOTE:

This system may take some time to return to full functionality after a battery disconnect.

POWER STEERING

The electric power steering system will give you good vehicle response and increased ease of maneuverability in tight spaces. The system will vary its assist to provide light efforts while parking and good feel while driving. If the electric steering system experiences a fault that prevents it from providing assist, you will still have the ability to steer the vehicle manually.

WARNING!

Continued operation with reduced assist could pose a safety risk to yourself and others. Service should be obtained as soon as possible.

Alternate electric power steering efforts can be selected through the Uconnect System. Refer to “Customer Programmable Features” within “Uconnect Settings” in “Multimedia” for further information.



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 the dealer for service. Refer to “Warning Lights And Messages” in “Getting To Know Your Instrument Panel” for further information.

NOTE:

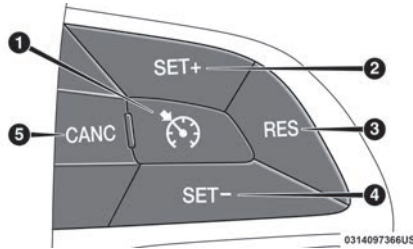
- Even if the power steering assistance is no longer operational, it is still possible to steer the vehicle. Under these conditions there will be a substantial increase in steering effort, especially at low speeds and during parking maneuvers.
- If the condition persists, see your authorized dealer for 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 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.

SPEED CONTROL — IF EQUIPPED

When engaged, the Speed Control takes over accelerator operations at speeds greater than 20 mph (32 km/h).

The Speed Control buttons are located on the right side of the steering wheel.



Speed Control Buttons

- | | |
|-------------------|-------------------|
| 1 — On/Off | 4 — SET (-)/Decel |
| 2 — SET (+)/Accel | 5 — CANC/Cancel |
| 3 — RES/Resume | |

NOTE:

In order to ensure proper operation, the Speed Control System has been designed to shut down if multiple Speed Control functions are operated at the same time. If this occurs, the Speed Control System can be reactivated by pushing the Speed Control on/off button and resetting the desired vehicle set speed.

WARNING!

Speed 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 Speed 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 Speed Control. "CRUISE CONTROL READY" will appear in the instrument cluster display to indicate the Speed 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 Speed Control is off. The system should be turned off when not in use.

WARNING!

Leaving the Speed 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 leave the system OFF when you are not using it.

To Set A Desired Speed

Turn the Speed 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 lamp, 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 Speed

When the Speed Control is set, you can increase speed by pushing the SET (+) button.

The driver's preferred units can be selected through the instrument cluster display. Refer to "Getting To Know Your Instrument Panel" for more information. The speed increment shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pushing the SET (+) button once will result in a 1 mph increase in set speed. Each subsequent tap of the button results in an increase of 1 mph.
- If the button is continually pushed, the set speed will continue to increase until the button is released, then the new set speed will be established.

Metric Speed (km/h)

- Pushing the SET (+) button once will result in a 1 km/h increase in set speed. Each subsequent tap of the button results in an increase of 1 km/h.
- If the button is continually pushed, the set speed will continue to increase until the button is released, then the new set speed will be established.

To Decrease Speed

When the Speed Control is set, you can decrease speed by pushing the SET (-) button.

The driver's preferred units can be selected through the instrument cluster display. Refer to "Getting To Know Your Instrument Panel" for more information. The speed decrement shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pushing the SET (-) button once will result in a 1 mph decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph.
- If the button is continually pushed, the set speed will continue to decrease until the button is released, then the new set speed will be established.

Metric Speed (km/h)

- Pushing the SET (-) button once will result in a 1 km/h decrease in set speed. Each subsequent tap of the button results in a decrease of 1 km/h.
- If the button is continually pushed, the set speed will continue to decrease until the button is released, then the new set speed will be established.

To Accelerate For Passing

Press the accelerator as you would normally. When the pedal is released, the vehicle will return to the set speed.

Using Speed Control On Hills

The transmission may downshift on hills to maintain the vehicle set speed.

NOTE:

The Speed 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 Speed Control.

WARNING!

Speed 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 Speed 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 soft tap on the brake pedal, pushing the CANC button, or normal brake pressure while slowing the vehicle will deactivate the Speed Control without erasing the set speed from memory.

Pushing the on/off button or turning the ignition switch OFF erases the set speed from memory.

ADAPTIVE CRUISE CONTROL (ACC) — IF EQUIPPED

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. **Speed Control function performs differently. Please refer to the proper section within this chapter.**

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 sensor does not detect a vehicle ahead of you, ACC will maintain a fixed set speed.
- If the ACC sensor detects a vehicle ahead, ACC will apply limited braking or accelerate (not to exceed the original set speed) automatically to maintain a preset following distance, while matching the speed of the vehicle ahead.

The Cruise Control system has two control modes:

- Adaptive Cruise Control mode for maintaining an appropriate distance between vehicles.

- Normal (Fixed Speed) Cruise Control mode for cruising at a constant preset speed. For additional information, refer to “Normal (Fixed Speed) Cruise Control Mode” in this section.

NOTE:

Normal (Fixed Speed) Cruise Control will not react to preceding vehicles. Always be aware of the mode selected.

You can change the mode by using the Cruise Control buttons. The two control modes function differently. Always confirm which mode is selected.

WARNING!

- Adaptive Cruise Control (ACC) is a convenience system. It is not a substitute for active driving involvement. 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. Failure to follow these warnings can result in a collision and death or serious personal injury.

(Continued)

WARNING! (Continued)

- 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 while following a target vehicle and hold the vehicle for 2 seconds in the stop position. If the target vehicle does not start moving within two seconds the ACC system will display a message that the system will release the brakes and that the brakes must be applied manually. An audible chime will sound when the brakes are released.

You should switch off the ACC system:

- When driving in fog, heavy rain, heavy snow, sleet, heavy traffic, and complex driving situations (i.e., in highway construction zones).

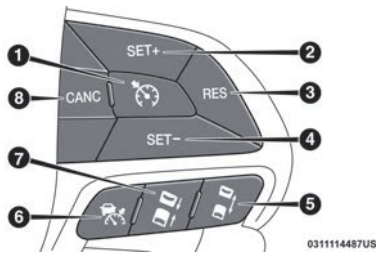
(Continued)

WARNING! (Continued)

- 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.
- When circumstances do not allow safe driving at a constant speed.

Adaptive Cruise Control (ACC) Operation

The Speed Control buttons (located on the right side of the steering wheel) operates the ACC system.



Adaptive Cruise Control Buttons

- | | |
|--|--|
| 1 — Normal (Fixed Speed) Cruise Control On/Off | 5 — Distance Setting Increase |
| 2 — SET(+)/Accel | 6 — Adaptive Cruise Control (ACC) On/Off |
| 3 — RES/Resume | 7 — Distance Setting Decrease |
| 4 — SET (-)/Decel | 8 — CANC/Cancel |

NOTE:

Any chassis/suspension or tire size modifications to the vehicle will effect the performance of the Adaptive Cruise Control and Forward Collision Warning System.

Activating Adaptive Cruise Control (ACC)

You can only engage ACC if the vehicle speed is above 0 mph (0 km/h).

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 displays “ACC Ready.”

When the system is off, the instrument cluster displays “Adaptive Cruise Control (ACC) Off.”

NOTE:

You cannot engage ACC under the following conditions:

- When in Four-Wheel Drive Low.
- When you apply the brakes.
- When the parking brake is applied.
- When the automatic transmission is in PARK, REVERSE or NEUTRAL.
- When the vehicle speed is outside of the speed range.
- 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.
- 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.”

ACC Ready

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Adaptive Cruise Control 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.”

Adaptive Cruise Control (ACC) Off

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Adaptive Cruise Control 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 ACC Speed

When the vehicle reaches the speed desired, push the SET (+) button or the SET (-) button and release. The instrument cluster display will display the set speed.

If the system is set when the vehicle speed is below 19 mph (30 km/h), the set speed shall be defaulted to 19 mph (30 km/h). If the 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:

ACC cannot be set if there is a stationary vehicle in front of your vehicle in close proximity.

Remove your foot from the accelerator pedal. If you do not, the vehicle may continue to accelerate beyond the set speed. If this occurs:

- The message “DRIVER OVERRIDE” will display in the instrument cluster display.
- 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 system:

- The brake pedal is applied.
- The CANC button is pushed.
- An Anti-Lock Brake System (ABS) event occurs.
- 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.
- Driver seatbelt is unbuckled at low speeds.
- Driver door is opened at low speeds.
- The braking temperature exceeds normal range (overheated).
- A Trailer Sway Control (TSC) event occurs.

To Turn Off

The system will turn off and clear the set speed in memory if:

- The Adaptive Cruise Control (ACC) on/off button is pushed.
- The Normal (Fixed Speed) Cruise Control on/off button is pushed.
- The ignition is turned OFF.
- You switch to Four-Wheel Drive Low.

To Resume

If there is a set speed in memory push the RES (resume) button and then remove your foot from the accelerator pedal. The instrument cluster display will display the last set speed.

NOTE:

- If your vehicle stays at standstill for longer than two seconds, then the system will cancel and the brake force will be ramped-out. The driver will have to apply the brakes to keep the vehicle at a standstill.
- 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 Speed

While ACC is set, you can increase the set speed by pushing the SET (+) button.

The driver's preferred units can be selected through the instrument panel settings. Refer to "Getting To Know Your Instrument Panel" for more information. The speed increment shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pushing the SET (+) button once will result in a 1 mph increase in set speed. Each subsequent tap of the button results in an increase of 1 mph.
- If the button is continually pushed, the set speed will continue to increase in 5 mph increments until the button is released. The increase in set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET (+) button once will result in a 1 km/h increase in set speed. Each subsequent tap of the button results in an increase of 1 km/h.
- If the button is continually pushed, the set speed will continue to increase in 10 km/h increments until the button is released. The increase in set speed is reflected in the instrument cluster display.

To Decrease Speed

While ACC is set, the set speed can be decreased by pushing the SET (-) button.

The driver's preferred units can be selected through the instrument panel settings. Refer to "Getting To Know Your Instrument Panel" for more information. The speed decrement shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pushing the SET (-) button once will result in a 1 mph decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph.
- If the button is continually pushed, the set speed will continue to decrease in 5 mph decrements until the button is released. The decrease in set speed is reflected in the instrument cluster display.

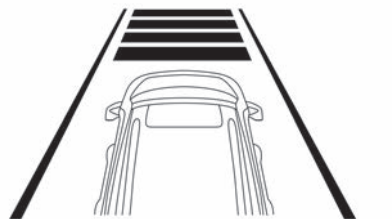
Metric Speed (km/h)

- Pushing the SET (-) button once will result in a 1 km/h decrease in set speed. Each subsequent tap of the button results in a decrease of 1 km/h.
- If the button is continually pushed, the set speed will continue to decrease in 10 km/h decrements until the button is released. The decrease in set speed is reflected in the instrument cluster display.

NOTE:

- When you override and push the SET (+) button or SET (-) buttons, the new set speed will be the current speed of the vehicle.

- 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 applies the brake down to a full stop when following a target vehicle. If an ACC host vehicle follows a target vehicle to a standstill, the host vehicle will release the vehicle brakes two seconds after coming to a full stop.
- The ACC system maintains set speed when driving up hill and down hill. 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 up hill and down hill, the ACC system will cancel if the braking temperature exceeds normal range (overheated).



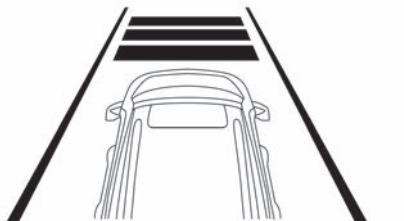
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Distance Setting 4 Bars (Longest)



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Distance Setting 2 Bars (Medium)



0323001261

Distance Setting 3 Bars (Long)



0323001259

Distance Setting 1 Bar (Short)

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 displays in the instrument cluster display.

To increase the distance setting, push the Distance Setting — 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 Setting — 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 displays the “Sensed Vehicle Indicator” icon, and the system adjusts vehicle speed automatically to maintain the distance setting, regardless of the set speed.

The vehicle will then maintain the set distance until:

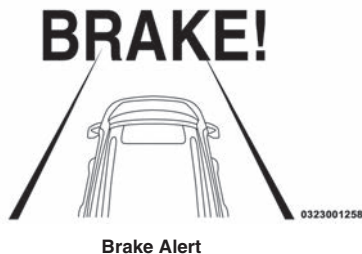
- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of your lane or view of the sensor.
- The distance setting is changed.
- The system disengages. (Refer to the information on ACC Activation).

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 ACC engaged and following a vehicle, the system will provide an additional acceleration up to the ACC set speed to assist in 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 hand 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 target vehicle, if the target vehicle starts moving within two seconds of your vehicle coming to a standstill, your vehicle will resume motion without the need for any driver action.

If the target vehicle does not start moving within two seconds of your vehicle coming to a standstill, the ACC with Stop system will cancel and the brakes will release. A cancel message will display on the instrument cluster display and produce a warning chime. Driver intervention will be required at this moment.

While ACC with Stop is holding your vehicle at a standstill, if the driver seatbelt is unbuckled or the driver door is opened, the ACC with Stop system will cancel and the brakes will release. A cancel message will display on the instrument cluster display and produce a warning chime. Driver intervention will be required at this moment.

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.

Adaptive Cruise Control (ACC) Menu

The instrument cluster display will show the current ACC system settings. The instrument cluster display is located in the center of the instrument cluster. The information it displays depends on ACC system status.

Push the Adaptive Cruise Control (ACC) on/off button (located on the steering wheel) until one of the following appears 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 (located on the steering wheel) 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 ACC activity occurs, which may include any of the following:

- 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

Display Warnings And Maintenance

“Wipe Front Radar Sensor In Front Of Vehicle” Warning

The “ACC/FCW Unavailable Wipe Front Radar Sensor” warning will display and also a chime will indicate 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 “ACC/FCW Unavailable Wipe Front Radar Sensor” and the system will deactivate.

The “ACC/FCW Unavailable Wipe Front Radar Sensor” message can sometimes be displayed

while driving in highly reflective areas (i.e. tunnels with reflective tiles, or ice and snow). 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/FCW Unavailable Wipe Front Radar Sensor” warning is active Normal (Fixed Speed) Cruise Control is still available. For additional information refer to “Normal (Fixed Speed) Cruise Control Mode” in this section.

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/FCW Unavailable Wipe Front Radar Sensor” message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstruction, have the radar sensor realigned at your authorized dealer.
- Installing a snow plow, front-end protector, an aftermarket grille or modifying the grille is not recommended. Doing so may block the sensor and inhibit ACC/FCW operation.

“Clean Front Windshield” Warning

The “ACC/FCW Limited Functionality Clean Front Windshield” warning will display and also a chime will indicate 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 display “ACC/FCW Limited Functionality Clean Front Windshield” and the system will have degraded performance.

The “ACC/FCW Limited Functionality Clean Front Windshield” message can sometimes be displayed while driving in adverse weather conditions. The ACC/FCW 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 rear view 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/FCW Limited Functionality Clean Front Windshield” message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstruction, have the windshield and forward facing camera inspected at your authorized dealer.

Service ACC/FCW Warning

If the system turns off, and the instrument cluster displays “ACC/FCW Unavailable Service Required” or “Cruise/FCW 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 your authorized dealer.

Precautions While Driving With ACC

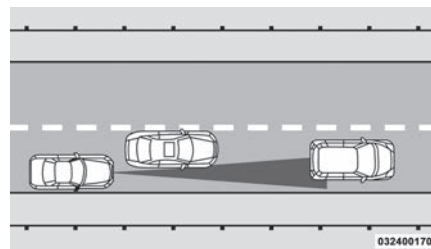
In certain driving situations, ACC may have detection issues. In these cases, ACC may brake late or unexpectedly. The driver needs to stay alert and may need to intervene.

Towing A Trailer

Towing a trailer is not advised when using ACC.

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.



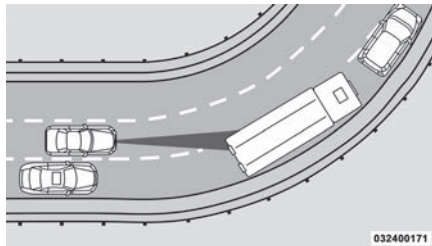
Offset Driving Condition Example

Turns And Bends

When driving on a curve with ACC engaged, the system may decrease the vehicle speed and acceleration for stability reasons, with no target vehicle 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.



Turn Or Bend Example

Using ACC On Hills

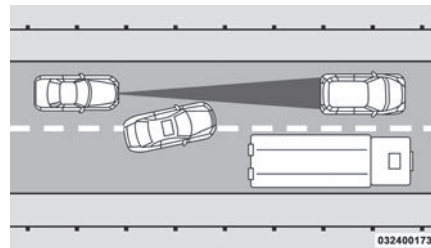
When driving on hills, ACC may not detect a vehicle in your lane. Depending on the speed, vehicle load, traffic conditions, and the steepness of the hills, ACC performance may be limited.



ACC Hill Example

Lane Changing

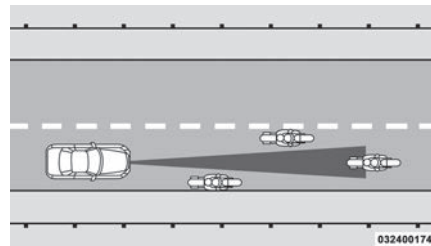
ACC may not detect a vehicle until it is completely in the lane in which you are traveling. In the illustration shown, ACC has not yet detected the vehicle changing lanes and it may not detect the vehicle until it's too late for the ACC system to take action. ACC may not detect a vehicle until it is 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

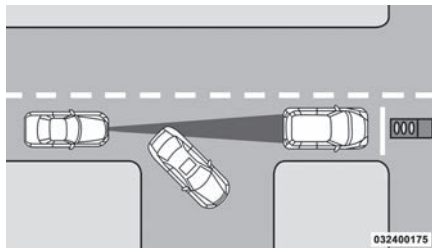
Some narrow vehicles traveling near the outer edges of the lane or edging into the lane are not detected until they have moved fully into the lane. There may not be sufficient distance to the vehicle ahead.



Narrow Vehicle Example

Stationary Objects And Vehicles

ACC does not react to stationary objects and stationary 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. Always be attentive and ready to apply the brakes if necessary.



Stationary Object And Stationary Vehicle Example

Normal (Fixed Speed) Cruise Control Mode

In addition to Adaptive Cruise Control mode, a Normal (Fixed Speed) Cruise Control mode is available for cruising at fixed speeds. The Normal (Fixed Speed) Cruise Control mode is designed to maintain a set cruising speed without requiring the driver to operate the accelerator. Normal (Fixed Speed) Cruise Control can only be operated if the vehicle speed is above 19 mph (30 km/h).

To change between the different control modes, push the Adaptive Cruise Control (ACC) on/off

button which turns the ACC and the Normal (Fixed Speed) Cruise Control off. Pushing the Normal (Fixed Speed) Cruise Control on/off button will result in turning on (changing to) the Normal (Fixed Speed) Cruise Control mode.

WARNING!

In the Normal (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.

To Set A Desired Speed



Turn the Normal (Fixed Speed) 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. This light will turn on when the system is turned on via the on/off control. It turns green when the cruise control is set.

To Vary The Speed Setting To Increase Speed

When the Normal (Fixed Speed) Cruise Control is set, you can increase speed by pushing the SET (+) button.

The driver's preferred units can be selected through the instrument cluster display. Refer to "Getting To Know Your Instrument Panel" for more information. The speed increment shown is dependant on the speed of U.S. (mph) or Metric (km/h) units:

U.S. Speed (mph)

- Pushing the SET (+) button once will result in a 1 mph increase in set speed. Each subsequent tap of the button results in an increase of 1 mph.
- If the button is continually pushed, the set speed will continue to increase in 5 mph increments until the button is released. The increase in set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET (+) button once will result in a 1 km/h increase in set speed. Each subsequent tap of the button results in an increase of 1 km/h.
- If the button is continually pushed, the set speed will continue to increase in 10 km/h increments until the button is released. The increase in set speed is reflected in the instrument cluster display.

To Decrease Speed

When the Normal (Fixed Speed) Cruise Control is set, you can decrease speed by pushing the SET (-) button.

The driver's preferred units can be selected through the instrument cluster display. Refer to "Getting To Know Your Instrument Panel" for more information. The speed decrement shown is dependant on the speed of U.S. (mph) or Metric (km/h) units:

U.S. Speed (mph)

- Pushing the SET (-) button once will result in a 1 mph decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph.
- If the button is continually pushed, the set speed will continue to decrease in 5 mph decrements until the button is released. The decrease in set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET (-) button once will result in a 1 km/h decrease in set speed. Each subsequent tap of the button results in a decrease of 1 km/h.
- If the button is continually pushed, the set speed will continue to decrease in 10 km/h decrements until the button is released. The decrease in set speed is reflected in the instrument cluster display.

To Cancel

The following conditions will cancel the Normal (Fixed Speed) Cruise Control without clearing the memory:

- The brake pedal is applied.
- The CANC button is pushed.
- The Electronic Stability Control/Traction Control System (ESC/TCS) activates.
- The vehicle parking brake is applied.
- The braking temperature exceeds normal range (overheated).
- The gear selector is removed from the DRIVE position.
- The driver switches ESC to full-off mode.

To Resume Speed

To resume a previously set speed, push the RES button and release. Resume can be used at any speed above 19 mph (30 km/h).

To Turn Off

The system will turn off and erase the set speed in memory if:

- The Normal (Fixed Speed) Cruise Control on/off button is pushed.
- The ignition is turned OFF.
- You engage Four-Wheel Drive Low.
- The Adaptive Cruise Control (ACC) on/off button is pushed.

PARKSENSE REAR PARK ASSIST — IF EQUIPPED

The ParkSense Rear Park Assist system provides visual and audible indications of the distance between the rear fascia and a detected obstacle when backing up, e.g. during a parking maneuver. If your vehicle is equipped with an automatic transmission, 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 override the automatic braking function by pressing the gas pedal, turning ParkSense off via ParkSense switch, or changing the gear while the automatic brakes are being applied.
- Automatic brakes are not available if the vehicle is in 4LO.
- 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 driver is always responsible for controlling the vehicle.
- The system is provided 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.

Refer to "ParkSense System Usage Precautions" in this section for limitations of this system and recommendations.

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. If ParkSense is enabled at this gear selector position, the system will remain active until the vehicle speed is increased to approximately 7 mph (11 km/h) or above. When in REVERSE and above the system's operating speed, a warning will appear within the instrument cluster display indicating the vehicle speed is too fast. The system will become active again if the vehicle speed is decreased to speeds less than approximately 6 mph (9 km/h).

ParkSense Sensors

The four ParkSense sensors, located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 inches (30 cm) up to 79 inches (200 cm) from the rear fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

ParkSense Display

The ParkSense display is always shown in the instrument cluster display as long as the vehicle is in REVERSE.



061613897U5

Park Assist Ready

The system will indicate a detected obstacle by showing a single arc in the left and/or right rear regions based on the obstacle's distance and location relative to the vehicle.

If an obstacle 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 obstacle, 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.



0329098162US

Single 1/2 Second Tone



0329098166US

Slow Tone



0329098160US

Fast Tone



0329098164US

Slow Tone



0329098168US

Fast Tone



0329098162US

Continuous Tone

The vehicle is close to the obstacle when the warning 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							
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	2nd Flashing	1st Flashing
Arcs-Center	None	6th Solid	5th Solid	4th Solid	3rd Flashing	2nd Flashing	1st Flashing
Arcs-Right	None	None	None	None	None	2nd Flashing	1st Flashing
Radio Volume Reduced	No	Yes	Yes	Yes	Yes	Yes	Yes

NOTE:

ParkSense will reduce the volume of the radio, if on, when the system is sounding an audio tone.

Adjustable Chime Volume Settings

Rear chime volume settings can be selected from the Customer-Programmable Features section of the Uconnect System, refer to "Uconnect Settings" in "Multimedia" for further information.

The chime volume settings include low, medium, and high. The factory default volume setting is medium.

ParkSense will retain its last known configuration state through ignition cycles.

ParkSense Warning Display

The ParkSense Warning screen will only be displayed if Sound and Display is selected from the Customer - Programmable Features section of the Uconnect System.

Refer to "Uconnect Settings" in "Multimedia" for further information.

The ParkSense Warning screen is located within the instrument cluster display. It provides visual warnings to indicate the distance between the rear fascia/bumper and the detected obstacle.

Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" for further information.

Enabling And Disabling ParkSense

ParkSense can be enabled and disabled with the ParkSense switch.



When the ParkSense switch is pushed to disable the system, the instrument cluster will display the "PARKSENSE OFF" message for approximately five 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.

Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" for further information.

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 Rear Park Assist System

During vehicle start up, when the ParkSense Rear Park Assist System has detected a faulted condition, the instrument cluster will actuate a single chime, once per ignition cycle, and it will display the "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" or the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message. Refer to "Instrument Cluster Display". When the

gear selector is moved to REVERSE and the system has detected a faulted condition, the instrument cluster display will display the "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" or "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message for as long as the vehicle is in REVERSE. Under this condition, ParkSense will not operate.

If "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" appears in the instrument cluster display make sure the outer surface and the underside of the rear fascia/bumper is clean and clear of snow, ice, mud, dirt or other obstruction and then cycle the ignition. If the message continues to appear, see an authorized dealer.

If "PARKSENSE UNAVAILABLE SERVICE REQUIRED" 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. Otherwise, you could damage the sensors.

ParkSense System Usage Precautions

NOTE:

- Ensure that the rear bumper is 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 display will display "PARKSENSE OFF" message 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 the fascia/bumper, or it could provide a false indication that an obstacle is behind 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) from 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 display.
- ParkSense should be disabled when the liftgate is in the open position and the vehicle is in REVERSE. An open 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.

(Continued)

WARNING! (Continued)

- Before using ParkSense, it is strongly recommended that the ball mount and hitch ball assembly is 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 when the loudspeaker 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.

(Continued)

CAUTION! (Continued)

- 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 FRONT AND REAR PARK ASSIST — IF EQUIPPED

The ParkSense Park Assist system provides visual and audible indications of the distance between the rear and/or front fascia and a detected obstacle when backing up or moving forward, e.g. during a parking maneuver. If your vehicle is equipped with an automatic transmission, 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 override the automatic braking function by pressing the gas pedal, turning ParkSense off via ParkSense switch, or changing the gear while the automatic brakes are being applied.
- Automatic brakes are not available if the vehicle is in 4LO.

- 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 driver is always responsible for controlling the vehicle.
- The system is provided 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.

Refer to "ParkSense System Usage Precautions" for limitations of this system and recommendations.

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 speeds 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 (or six, if equipped with Active Park Assist), located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 inches (30 cm) up to 79 inches (200 cm) from the rear fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

The six ParkSense sensors, located in the front fascia/bumper, monitor the area in front of the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approxi-

mately 12 inches (30 cm) up to 47 inches (120 cm) from the front fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

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.



061813898US

Park Assist Ready

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.



0329098151US

Single 1/2 Second Tone



0329098155US

Slow Tone For Rear Only



0329098159US

Fast Tone



0329098153US

Slow Tone



0329098157US

Fast Tone For Rear Only



0329098161US

Continuous Tone

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	2nd Flashing	1st Flashing
Arcs-Center	None	6th Solid	5th Solid	4th Solid	3rd Flashing	2nd Flashing	1st Flashing
Arcs-Right	None	None	None	None	None	2nd Flashing	1st 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	2nd Flashing	1st Flashing
Arcs-Center	None	4th Solid	3rd Flashing	2nd Flashing	1st Flashing
Arcs-Right	None	None	None	2nd Flashing	1st 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.

Front Park Assist Audible Alerts

ParkSense will turn off the Front Park Assist audible alert (chime) after approximately 3 seconds when an obstacle has been detected, the vehicle is stationary, and brake pedal is applied.

Adjustable Chime Volume Settings

Front and Rear chime volume settings can be selected from the Uconnect System. Refer to "Uconnect Settings" in "Multimedia" for further information.

The chime volume settings include low, medium, and high. The factory default volume setting is medium.

ParkSense will retain its last known configuration state through ignition cycles.

ParkSense Warning Display

The ParkSense Warning screen will only be displayed if Sound and Display is selected from the Customer Programmable Features section of the Uconnect System. Refer to "Uconnect Settings" in "Multimedia" for further information.

The ParkSense Warning screen is located within the instrument cluster display. It provides visual warnings to indicate the distance between the rear fascia/bumper and/or front fascia/bumper and the detected obstacle. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" for further information.

Enabling And Disabling ParkSense

ParkSense can be enabled and disabled with the ParkSense switch.



When the ParkSense switch is pushed to disable the system, the instrument cluster will display the "PARKSENSE OFF" message for approximately five 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.

Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" for further information.

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 the "PARKSENSE UNAVAILABLE WIPE REAR SENSORS", "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS", or the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message 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.

Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" for further information.

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 obstruction and then cycle the ignition. If the message continues to appear see your authorized dealer.

If the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message appears in the instrument cluster display, see your 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. Otherwise, you could damage the sensors.

ParkSense System Usage Precautions

NOTE:

- Ensure that the front and rear bumper 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) from 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.

(Continued)

WARNING! (Continued)

- Before using ParkSense, it is strongly recommended that the ball mount and hitch ball assembly is 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 when the loudspeaker 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.

(Continued)

CAUTION! (Continued)

- 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 by identifying a proper parking space, providing audible/visual instructions, and controlling the steering wheel. The ParkSense Active Park Assist system is defined as “semi-automatic” since the driver maintains control of the accelerator, gear selector and brakes. 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).

NOTE:

- The driver is always responsible for controlling the vehicle, responsible for any surrounding objects, and must intervene as required.
- The system is provided to assist the driver and not to substitute the driver.

- During a semi-automatic 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 the 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 below the Uconnect display.

To enable the ParkSense Active Park Assist system, push the ParkSense Active Park Assist switch once (LED turns on).

To disable the ParkSense Active Park Assist system, push the ParkSense Active Park Assist switch again (LED turns off).

The ParkSense Active Park Assist system will turn off automatically for any of the following conditions:

- The parking maneuver is completed.
- Vehicle speed greater than 18 mph (30 km/h) when searching for a parking space.
- Vehicle speed greater than 5 mph (7 km/h) during active steering guidance into the parking space.
- Touching the steering wheel during active steering guidance into the parking space.
- Pushing the ParkSense Front and Rear Park Assist switch.
- Driver's door is opened.
- Rear liftgate is opened.
- Electronic Stability Control/Anti-lock Braking System intervention.
- The ParkSense Active Park Assist system will allow a maximum of six shifts between DRIVE and REVERSE. If the maneuver cannot be completed within six 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 position is in DRIVE.
- Ignition is in the RUN position.
- ParkSense Active Park Assist switch is activated.
- Driver's door is closed.
- Rear liftgate is closed.
- Vehicle speed is less than 15 mph (25 km/h).

NOTE:

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.

- The outer surface and the underside of the front and rear fascias/bumpers are clean and clear of snow, ice, mud, dirt or other obstruction.

When pushed, the LED on the ParkSense Active Park Assist switch will blink momentarily, and then the LED will turn off if any of the above conditions are not present.

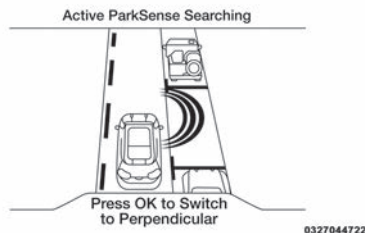
Parallel Parking Space Assistance Operation/Display

When the ParkSense Active Park Assist system is enabled the “Active ParkSense Searching - Push OK to Switch to Perpendicular” message will appear in the instrument cluster display. You may switch to perpendicular parking if you desire. Push the OK button on the left side steering wheel switch to change your parking space setting.

NOTE:

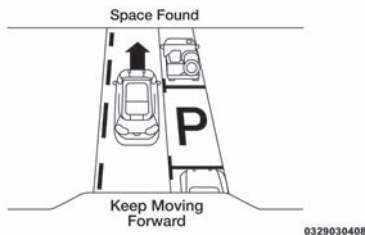
- When searching for a parking space, use the turn signal indicator to select which side of the vehicle you want to perform the parking maneuver. The ParkSense Active Park Assist system will automatically search for a parking space on the passenger’s side of the vehicle if the turn signal is not activated.
- 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 seeking for a parking space, the driver should drive as parallel or perpendicular (depending on the type of maneuver) to other vehicles as possible.

- The feature will only indicate the last detected parking space (example: if passing multiple available parking spaces, the system will only indicate the last detected parking space for the maneuver).



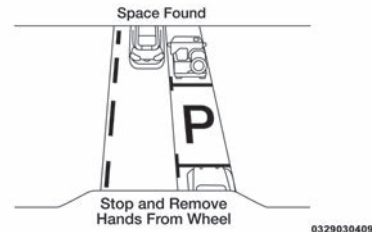
Active ParkSense Searching

When an available parking space has been found, and the vehicle is not in position, you will be instructed to move forward to position the vehicle for a parallel parking sequence.



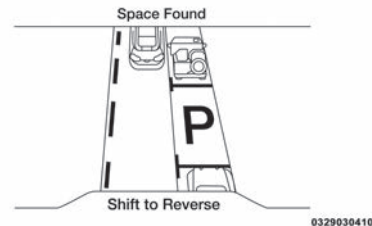
Space Found — Keep Moving Forward

Once the vehicle is in position, you will be instructed to stop the vehicle’s movement and remove your hands from the steering wheel.



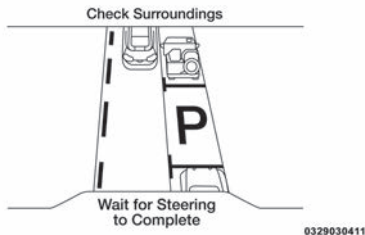
Space Found — Stop And Remove Hands From Wheel

Once the vehicle is at a standstill with your hands removed from the steering wheel, you will be instructed to place the gear selector into the REVERSE position.



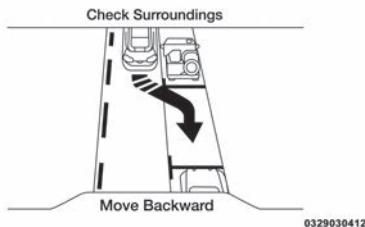
Space Found — Shift To Reverse

When the driver places the gear selector into the REVERSE position, the system may instruct the driver to wait for steering to complete.



Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.

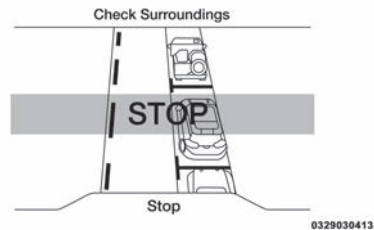


Check Surroundings — Move Backward

NOTE:

- 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 six shifts between DRIVE and REVERSE. If the maneuver cannot be completed within six 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 5 mph (7 km/h) during active steering guidance into the parking space. The system will provide a warning to the driver at 3 mph (5 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.

When the vehicle has reached the end of its backward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.

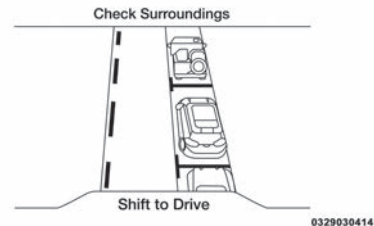


Check Surroundings — STOP

NOTE:

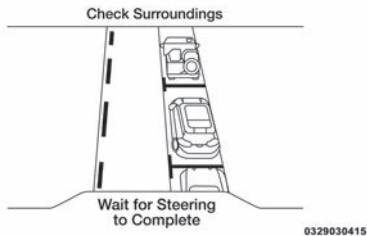
It is the driver's responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the gear selector into the DRIVE position.



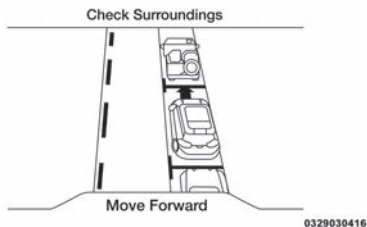
Check Surroundings — Shift To Drive

When the driver places the gear selector into the DRIVE position, the system may instruct the driver to wait for steering to complete.



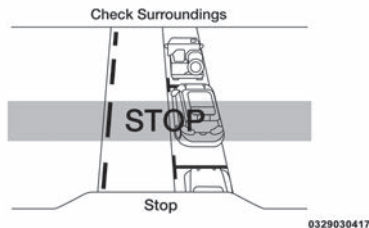
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move forward.



Check Surroundings — Move Forward

When the vehicle has reached the end of its forward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.

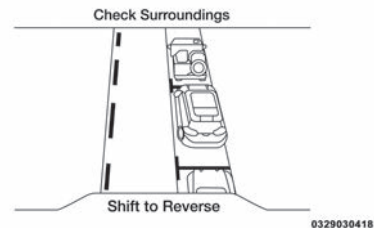


Check Surroundings — STOP

NOTE:

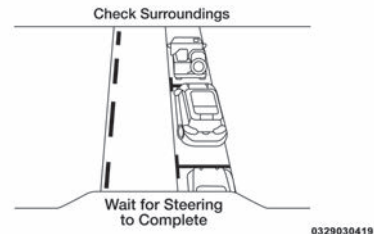
It is the driver's responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the gear selector into the REVERSE position.



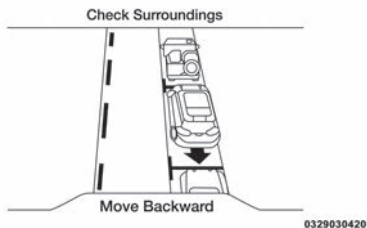
Check Surroundings — Shift To Reverse

When the driver places the gear selector into the REVERSE position, the system may instruct the driver to wait for steering to complete.



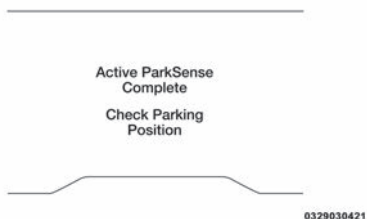
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.



Check Surroundings — Move Backward

Your vehicle is now in the parallel park position. When the maneuver is complete, the driver will be instructed to check the vehicle's parking position. If the driver is satisfied with the vehicle position, they should shift to PARK. The "Active ParkSense Complete - Check Parking Position" message will be momentarily displayed.

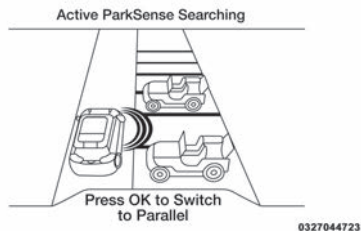


Active ParkSense Complete — Check Parking Position

Perpendicular Parking Space Assistance Operation/Display

When the ParkSense Active Park Assist system is enabled, the "Active ParkSense Searching - Push OK to Switch to Perpendicular" message will show in the instrument cluster display. Push the OK button on the left side steering wheel switch to change your parking space setting to a perpendicular maneuver. You may switch back to parallel parking if you desire.

Once the driver pushes OK for a perpendicular parking maneuver, the "Active ParkSense Searching - Push OK to Switch to Parallel" message will appear in the instrument cluster display.

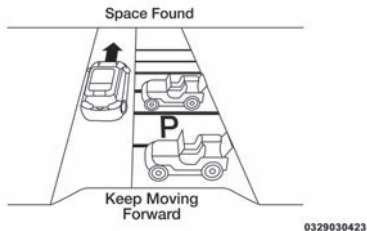


Active ParkSense Searching Display

NOTE:

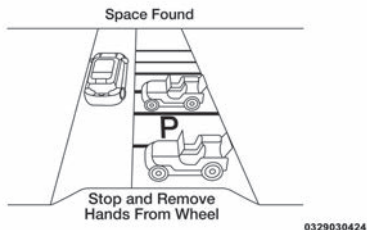
- When searching for a parking space, use the turn signal indicator to select which side of the vehicle you want to perform the parking maneuver. The ParkSense Active Park Assist system will automatically search for a parking space on the passenger's side of the vehicle if the turn signal is not activated.
- 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 seeking for a parking space, the driver should drive as parallel or perpendicular (depending on the type of maneuver) to other vehicles as possible.
- The feature will only indicate the last detected parking space (example: if passing multiple available parking spaces, the system will only indicate the last detected parking space for the maneuver).

When an available parking space has been found, and the vehicle is not in position, you will be instructed to move forward to position the vehicle for a perpendicular parking sequence.



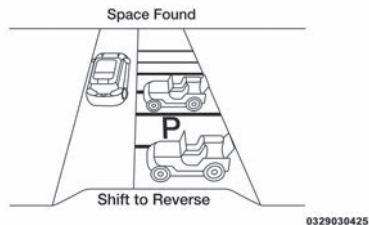
Space Found — Keep Moving Forward

Once the vehicle is in position, you will be instructed to stop the vehicle's movement and remove your hands from the steering wheel.



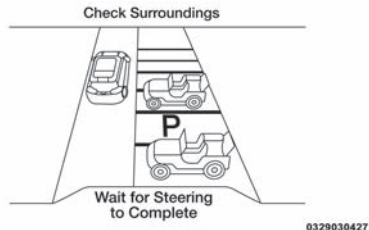
Space Found — Stop And Remove Hands From Wheel

Once the vehicle is at a standstill with your hands removed from the steering wheel, you will be instructed to place the gear selector into the REVERSE position.



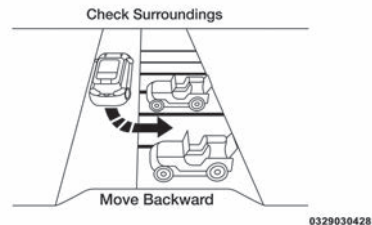
Space Found — Shift To Reverse

When the driver places the gear selector into the REVERSE position, the system may instruct the driver to wait for steering to complete.



Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.



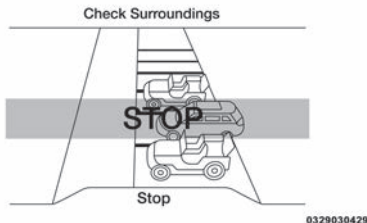
Check Surroundings — Move Backward

NOTE:

- 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 six shifts between DRIVE and REVERSE. If the maneuver cannot be completed within six 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 5 mph (7 km/h) during active steering guidance into the parking space. The system will provide a warning to the driver at 3 mph (5 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.

When the vehicle has reached the end of its backward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.

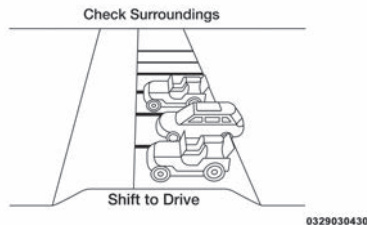


Check Surroundings — STOP

NOTE:

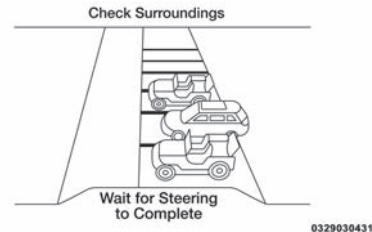
It is the driver's responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the gear selector into the DRIVE position.



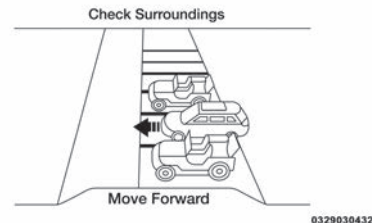
Check Surroundings — Shift To Drive

When the driver places the gear selector into the DRIVE position, the system may instruct the driver to wait for steering to complete.



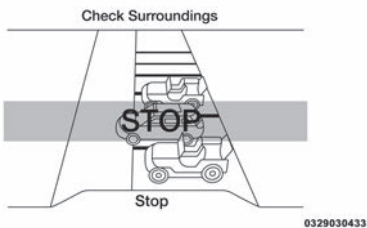
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move forward.



Check Surroundings — Move Forward

When the vehicle has reached the end of its forward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.

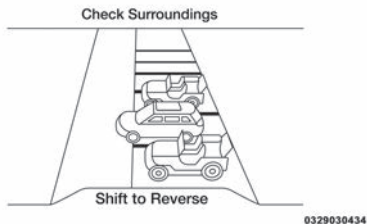


Check Surroundings — STOP

NOTE:

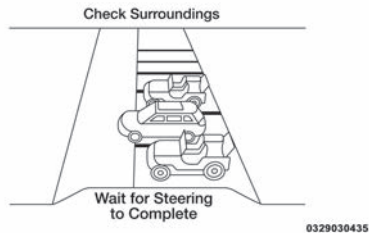
It is the driver's responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the gear selector into the REVERSE position.



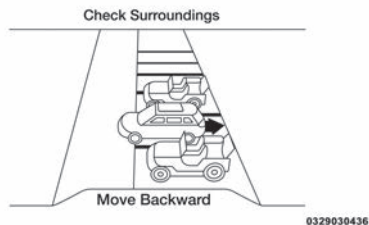
Check Surroundings — Shift To Reverse

When the driver places the gear selector into the REVERSE position, the system may instruct the driver to wait for steering to complete.



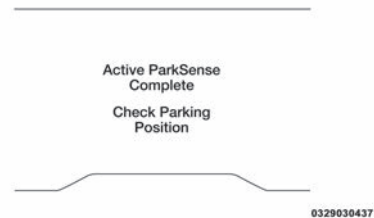
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.



Check Surroundings — Move Backward

Your vehicle is now in the perpendicular park position. When the maneuver is complete, the driver will be instructed to check the vehicle's parking position. If the driver is satisfied with the vehicle position, they should shift to PARK. The "Active ParkSense Complete - Check Parking Position" message will be momentarily displayed.



Active ParkSense Complete — Check Parking Position

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 is 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 when the loudspeaker 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.

LANESENSE — IF EQUIPPED

LaneSense Operation

The LaneSense system is operational at speeds above 37 mph (60 km/h) and below 112 mph (180 km/h). The LaneSense system uses a forward looking camera to detect lane markings and measure vehicle position within the lane boundaries.

When both lane markings are detected and the driver unintentionally drifts out of the lane (no turn signal applied), the LaneSense system provides a haptic warning in the form of torque applied to the steering wheel to prompt the driver to remain within the lane boundaries. If the driver continues to unintentionally drift out of the lane, the LaneSense system provides a visual warning through the instrument cluster display to prompt the driver to remain within the lane boundaries.

The driver may manually override the haptic warning by applying torque into the steering wheel at any time.

When only a single lane marking is detected and the driver unintentionally drifts across the lane marking (no turn signal applied), the LaneSense system provides visual warnings through the instrument cluster display to prompt the driver to remain within the lane. When only a single lane marking is detected, a haptic (torque) warning will not be provided.

NOTE:

When operating conditions have been met, the LaneSense system will monitor if the driver's hands are on the steering wheel and provides an audible warning to the driver when the driver's hands are not detected on the steering wheel. The system will cancel if the driver does not return their hands to the wheel.

Turning LaneSense On Or Off

The default status of LaneSense is off. The LED in LaneSense button will be illuminated while the system is deactivated.



The LaneSense button is located on the switch panel below the Uconnect display.

To turn the LaneSense system on, push the LaneSense button (LED turns off). A “LaneSense On” message is shown in the instrument cluster display.

LaneSense
On

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LaneSense On Message

To turn the LaneSense system off, push the LaneSense button once (LED turns on).


NOTE:

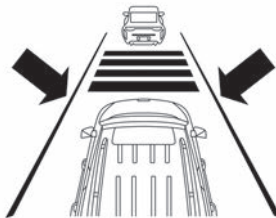
The LaneSense system will retain the last system state on or off from the last ignition cycle when the ignition is changed to the ON/RUN position.

LaneSense Warning Message

The LaneSense system will indicate the current lane drift condition through the instrument cluster display.

Premium Instrument Cluster Display


When the LaneSense system is on; the lane lines are gray when both of the lane boundaries have not been detected and the LaneSense telltale  is solid white.




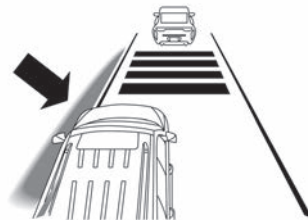
0310100713US

System On (Gray Lines/White Telltale )

Left Lane Departure — Only Left Lane Detected

- When the LaneSense system is on, the LaneSense telltale  is solid white when only the left lane marking has been detected and the system is ready to provide visual warnings in the instrument cluster display if an unintentional lane departure occurs.

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes yellow (on/off), the left thin line remains solid yellow and the LaneSense telltale  changes from solid white to flashing yellow.




0310100714US

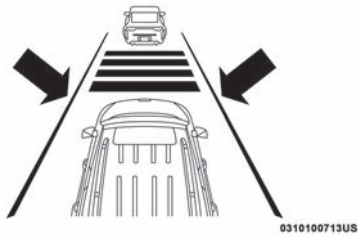
Lane Approached (Flashing Yellow Thick Line, Solid Yellow Thin Line/Flashing Yellow Telltale )

NOTE:


The LaneSense system operates with the similar behavior for a right lane departure when only the right lane marking has been detected.

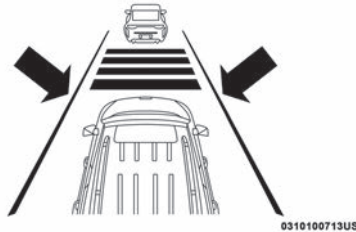
Left Lane Departure — Both Lanes Detected

- When the LaneSense system is on, the lane lines turn from gray to white to indicate that both of the lane markings have been detected. The LaneSense telltale  is solid green when both lane markings have been detected and the system is on to provide visual warnings in the instrument cluster display and a torque warning in the steering wheel if an unintentional lane departure occurs.




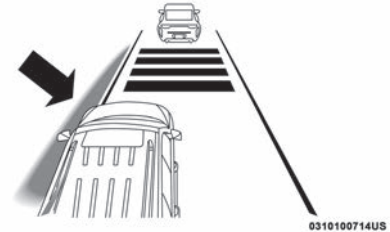
Lanes Sensed (White Lines/Green Telltale)

- When the LaneSense system senses a lane drift situation, the left thick lane line and left thin line turn solid yellow. The LaneSense telltale  changes from solid green to solid yellow. At this time torque 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 Sensed (Solid Yellow Thick Line, Solid Yellow Thin Line/Solid Yellow Telltale)

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes yellow (on/off) and the left thin line remains solid yellow. The LaneSense telltale  changes from solid yellow to flashing yellow. At this time torque 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 Approached (Flashing Yellow Thick Line, Solid Yellow Thin Line/Flashing Yellow Telltale)

NOTE:

The LaneSense system operates with the similar behavior for a right lane departure.

Changing LaneSense Status

The LaneSense system has settings to adjust the intensity of the torque warning and the warning zone sensitivity (early/late) that you can configure through the Uconnect system screen. Refer to “Uconnect Settings” in “Multimedia” for further information.

NOTE:

- When enabled the system operates above 37 mph (60 km/h) and below 112 mph (180 km/h).
- Use of the turn signal suppresses the warnings.
- The system will not apply torque to the steering wheel whenever a safety system engages (anti-lock brakes, traction control system, electronic stability control, forward collision warning, etc.).

PARKVIEW REAR BACK UP CAMERA — IF EQUIPPED

The ParkView Rear Back Up Camera 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 navigation or audio screen appears again.

Manual Activation Of The Rear View Camera

1. Press the “Controls” button located on the bottom of the Uconnect display.
2. Press the “Backup Camera” button to turn the Rear View Camera system on.

NOTE:

The ParkView Rear Back Up Camera has programmable modes of operation that may be selected through the Uconnect System.

Refer to “Uconnect Settings” in “Multimedia” for further information.

When the vehicle is shifted out of REVERSE (with camera delay turned off), the rear camera mode is exited and the previous screen appears again. When the vehicle is shifted out of REVERSE (with camera delay turned on), the

camera image will continue to be displayed for up to ten seconds after shifting out of REVERSE unless the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK, the vehicle’s ignition is cycled to the OFF position, or the user presses image defeat [X] to exit out of the camera video display.

When enabled, active guide lines are overlaid on the image to illustrate the width of the vehicle and its projected backup 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 — Viewing At Speed

When the vehicle is in park, neutral or drive, the Rear View Camera can be activated with the “Rear View 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 ten seconds while at speed. If the vehicle speed remains below 8 mph (13 km/h), the Rear View Camera will be displayed continuously until deactivated via the “X” button on the touchscreen.

REFUELING THE VEHICLE — GASOLINE ENGINE

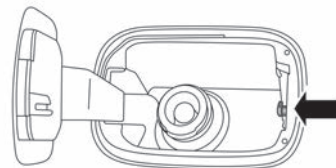
1. Push the fuel filler door release switch (located under the headlamp switch).



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Fuel Filler Door Release Switch

2. Open the fuel filler door.



0668098509US

Fuel Filler Door Latch

NOTE:

In certain cold conditions, ice may prevent the fuel door from opening. If this occurs, lightly push on the fuel door to break the ice buildup and re-release the fuel door using the inside release button. Do not pry on the door.

3. There is no fuel filler cap. Two flapper doors inside the pipe seals the system.
4. Insert the fuel nozzle fully into the filler pipe, the nozzle opens and holds the flapper doors while refueling.
5. Fill the vehicle with fuel, when the fuel nozzle “clicks” or shuts off the fuel tank is full.
6. Wait five seconds before removing the fuel nozzle to allow fuel to drain from nozzle.
7. Remove the fuel nozzle and close the fuel door.

Emergency Gas Can Refueling

Most gas cans will not open the flapper doors.

A funnel is provided to open the flapper doors to allow emergency refueling with a gas can.

1. Retrieve funnel from the spare tire storage area.
2. Insert funnel into same filler pipe opening as the fuel nozzle.
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 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.

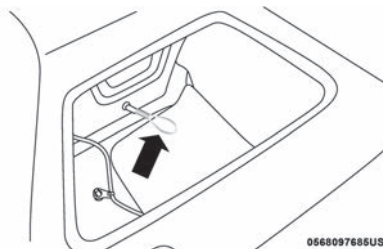
CAUTION!

To avoid fuel spillage and overfilling, do not "top off" the fuel tank after filling.

Emergency Fuel Filler Door Release

If you are unable to open the fuel filler door, use the fuel filler door emergency release.

1. Open the liftgate.
2. Push the inboard edge of the left storage bin to the center, this will pop up the outboard edge.
3. Grab popped up outboard edge with other hand to disengage snaps.
4. Remove the storage bin.
5. Pull the release cable to open the fuel door, push the release cable back to the home position to re-seat the fuel door latch to the closed position.



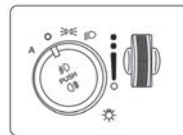
Release Cable

NOTE:

If the fuel door does not latch after the manual release cable has been activated, the actuator latch should be manually returned to the closed position.

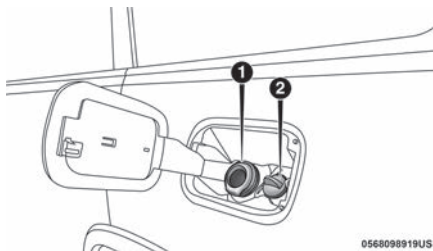
REFUELING THE VEHICLE — DIESEL ENGINE

1. Press the fuel filler door release switch (located under the headlamp switch).



Fuel Filler Door Release Switch

2. Open the fuel filler door.



Fuel and AdBlue (UREA) Fill Location

- 1 — Fuel Fill Location
2 — AdBlue (UREA) Fill Location

NOTE:

There is no fuel filler cap. A flapper door inside the filler pipe seals the system.

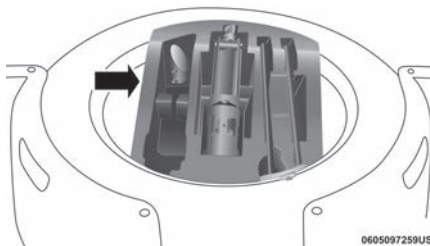
3. Insert the fuel nozzle fully into the filler pipe – the nozzle opens and holds the flapper door while refueling.
4. Fill the vehicle with fuel – when the fuel nozzle “clicks” or shuts off the fuel tank is full.
5. Wait five seconds before removing the nozzle to allow fuel to drain from the nozzle.
6. Remove the fuel nozzle and close the fuel door.

Emergency Fuel Can Refueling

Most fuel cans will not open the flapper door.

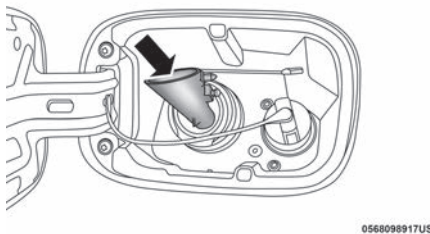
A funnel is provided to open the flapper door to allow emergency refueling with a fuel can.

1. Retrieve funnel from the spare tire kit.



Fuel Fill Funnel Location

2. Insert funnel into same filler pipe opening as the fuel nozzle.



Emergency Fuel Fill Location

NOTE:

Ensure funnel is inserted fully to hold flapper door open.

3. Pour fuel into funnel opening.
4. Remove funnel from filler pipe, clean off prior to putting back in the spare tire kit.

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.

CAUTION!

To avoid fuel spillage and overfilling, do not “top off” the fuel tank after filling.

Avoid Using Contaminated Fuel

Fuel that is contaminated by water or dirt can cause severe damage to the engine fuel system. Proper maintenance of the engine fuel filter and fuel tank is essential. Refer to “Dealer Service” in “Servicing And Maintenance” for further information.

Bulk Fuel Storage — Diesel Fuel

If you store quantities of fuel, good maintenance of the stored fuel is also essential. Fuel contaminated with water will promote the growth of “microbes.” These microbes form “slime” that will clog the fuel filtration system and lines. Drain condensation from the supply tank and change the line filter on a regular basis.

NOTE:

When a diesel engine is allowed to run out of fuel, air is pulled into the fuel system.

If the vehicle will not start, refer to “Dealer Service / Priming If The Engine Has Run Out Of Fuel” in “Servicing And Maintenance” for further information.

WARNING!

Do not open the high pressure fuel system with the engine running. Engine operation causes high fuel pressure. High pressure fuel spray can cause serious injury or death.

AdBlue (UREA) — If Equipped

Your vehicle is equipped with a Selective Catalytic Reduction system to meet the very stringent diesel emissions standards.

The purpose of the SCR system is to reduce levels of NOx (oxides of nitrogen emitted from engines) that are harmful to our health and the environment to a near-zero level. A small quantity AdBlue (UREA) is injected into the exhaust upstream of a catalyst where, when vaporized, it converts smog-forming nitrogen oxides (NOx) into harmless nitrogen (N₂) and water vapor (H₂O), two natural components of the air we breathe. You can operate with the comfort that your vehicle is contributing to a cleaner, healthier world environment for this and generations to come.

System Overview

This vehicle is equipped with a AdBlue (UREA) injection system and a Selective Catalytic Reduction (SCR) catalyst to meet the emission requirements.

The AdBlue (UREA) injection system consists of the following components:

- AdBlue (UREA) Tank
- AdBlue (UREA) Pump
- AdBlue (UREA) Injector
- Electronically-heated AdBlue (UREA) Lines
- NOx sensors
- Temperature sensors

- SCR catalyst

The AdBlue (UREA) injection system and SCR catalyst enable the achievement of diesel emissions requirements; while maintaining outstanding fuel economy, drivability, torque and power ratings.

Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for system messages and warnings.

NOTE:

- Your vehicle is equipped with a AdBlue (UREA) injection system. You may occasionally hear an audible clicking noise from under the vehicle at a stop. This is normal operation.
- The AdBlue (UREA) pump will run for a period of time after engine shutdown to purge the AdBlue (UREA) system. This is normal operation and may be audible from the rear of the vehicle.

AdBlue (UREA) Storage

AdBlue (UREA) is considered a very stable product with a long shelf life. If AdBlue (UREA) is kept in temperatures between 10° and 90°F (-12° and 32°C), it will last a minimum of one year.

AdBlue (UREA) is subject to freezing at the lowest temperatures. For example, AdBlue (UREA) may freeze at temperatures at or below 12° F (-11° C). The system has been designed to operate in this environment.

NOTE:

When working with AdBlue (UREA), it is important to know that:

- Any containers or parts that come into contact with AdBlue (UREA) must be AdBlue (UREA) compatible (plastic or stainless steel). Copper, brass, aluminum, iron or non-stainless steel should be avoided as they are subject to corrosion by AdBlue (UREA).
- If AdBlue (UREA) is spilled, it should be wiped up completely.

Adding AdBlue (UREA)

The AdBlue (UREA) gauge (located on the instrument cluster display) will display the level of AdBlue (UREA) remaining in the tank. Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for further information.

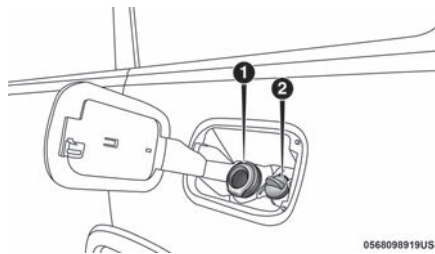
NOTE:

Driving conditions (altitude, vehicle speed, load, etc.) will effect the amount of AdBlue (UREA) that is used in your vehicle.

AdBlue (UREA) Fill Procedure**NOTE:**

Refer to “Fluids And Lubricants” in the “Technical Specifications” section for the correct fluid type.

1. Remove cap from AdBlue (UREA) fill inlet (located in fuel door).



Fuel and AdBlue (UREA) Fill Location

- 1 — Diesel Fuel Filler
- 2 — AdBlue (UREA) Filler

2. Insert AdBlue (UREA) fill adapter/nozzle into DEF fill inlet.

NOTE:

- The AdBlue (UREA) gauge may take up to five seconds to update after adding a gallon or more of AdBlue (UREA) to the UREA tank. If you have a fault related to the AdBlue (UREA) system, the gauge may not update to the new level. See an authorized dealer for service.
- The AdBlue (UREA) gauge may also not immediately update after a refill if the temperature of the AdBlue (UREA) fluid is below 12F (-11C). The AdBlue (UREA) line heater will possibly warm up the AdBlue (UREA) fluid and allow the gauge to update after a period of run time. Under very cold condi-

tions, it is possible that the gauge may not reflect the new fill level for several drives.

CAUTION!

- To avoid AdBlue (UREA) spillage, and possible damage to the AdBlue (UREA) tank from overfilling, do not “top off” the AdBlue (UREA) tank after filling.
- **DO NOT OVERFILL.** AdBlue (UREA) will freeze below 12°F (-11°C). The AdBlue (UREA) system is designed to work in temperatures below the AdBlue (UREA) freezing point, however, if the tank is overfilled and freezes, the system could be damaged.
- When AdBlue (UREA) is spilled, clean the area immediately with water and use an absorbent material to soak up the spills on the ground.
- Do not attempt to start your engine if AdBlue (UREA) is accidentally added to the diesel fuel tank as it can result in severe damage to your engine, including but not limited to failure of the fuel pump and injectors.

(Continued)

CAUTION! (Continued)

- Never add anything other than AdBlue (UREA) to the tank – especially any form of hydrocarbon such as diesel fuel, fuel system additives, gasoline, or any other petroleum-based product. Even a very small amount of these, less than 100 parts per million or less than 1 oz. (30 ml) per 78 gallons (295 liters) will contaminate the entire AdBlue (UREA) system and will require replacement. If owners use a container, funnel or nozzle when refilling the tank, it should either be new or one that is has only been used for adding AdBlue (UREA). Mopar provides an attachable nozzle with its AdBlue (UREA) for this purpose.
3. Stop filling the AdBlue (UREA) tank immediately when any of the following happen: AdBlue (UREA) stops flowing from the fill bottle into the AdBlue (UREA) fill inlet, AdBlue (UREA) splashes out the fill inlet, or a AdBlue (UREA) pump nozzle automatically shuts off.
 4. Reinstall cap onto AdBlue (UREA) fill inlet.

VEHICLE LOADING

Certification Label

As required by local regulations, your vehicle has a certification label affixed to the driver's side door or pillar.

This label contains the month and year of manufacture, Gross Vehicle Weight Rating (GVWR), Gross Axle Weight Rating (GAWR) front and rear, and Vehicle Identification Number (VIN). A Month-Day-Hour (MDH) number is included on this label and indicates the Month, Day and Hour of manufacture. The bar code that appears on the bottom of the label is your VIN.

Gross Vehicle Weight Rating (GVWR)

The GVWR is the total permissible weight of your vehicle including driver, passengers, vehicle, options and cargo. The label also specifies maximum capacities of front and rear axle systems (GAWR). Total load must be limited so GVWR and front and rear GAWR are not exceeded.

Payload

The payload of a vehicle is defined as the allowable load weight a truck 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 does not necessarily increase the vehicle's GVWR.

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 insure 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 axle. 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.

Improper weight distributions can have an adverse effect on the way your vehicle steers and handles and the way the brakes operate.

CAUTION!

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. Also 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. Refer to "Vehicle Loading/Vehicle Certification Label" in "Starting And Operating" for further information.

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 lbs (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. Refer to "Vehicle Loading/Vehicle Certification Label" in "Starting And Operating" for further information.

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 tongue weight 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 Towing Weights (Maximum Trailer Weight Ratings)

The following chart provides the maximum trailer weight ratings towable for your given drivetrain.

Engine/Transmission	Max. GTW (Gross Trailer Wt.) — with Trailer Brake	Max. GTW (Gross Trailer Wt.) — without Trailer Brake	Tongue Wt. (See Note)
3.6L Gasoline — Standard Cooling System	3,500 lbs (1,588 kg)	1,653 lbs (750 kg)	174 lbs (79 kg)
3.6L Gasoline — Heavy Duty Cooling System	6,200 lbs (2,812 kg)	1,653 lbs (750 kg)	310 lbs (141 kg)
5.7L Gasoline — Standard Cooling System	5,000 lbs (2,268 kg)	1,653 lbs (750 kg)	250 lbs (113 kg)
5.7L Gasoline — Heavy Duty Cooling System (except Summit)	7,716 lbs (3,500 kg)	1,653 lbs (750 kg)	377 lbs (171 kg)
5.7L Gasoline — Summit Models With Heavy Duty Cooling System	6,500 lbs (2,949 kg)	1,653 lbs (750 kg)	377 lbs (171 kg)
3.0L Diesel All Wheel Drive Models without Engine Start Stop and Diesel Emission Fluid			
All models except Summit	7,716 lbs (3,500 kg)	1,653 lbs (750 kg)	386 lbs (175 kg)
Summit Model	6,500 lbs (2,949 kg)	1,653 lbs (750 kg)	324 lbs (147 kg)
3.0L Diesel All Wheel Drive Models with Engine Start Stop and Diesel Emission Fluid			
All models except Summit and Trailhawk without skid plate group	7,716 lbs (3,500 kg)	1,653 lbs (750 kg)	386 lbs (175 kg)

Engine/Transmission	Max. GTW (Gross Trailer Wt.) — with Trailer Brake	Max. GTW (Gross Trailer Wt.) — without Trailer Brake	Tongue Wt. (See Note)
All models except Summit and Trailhawk with skid plate group	6,500 lbs (2,949 kg)	1,653 lbs (750 kg)	324 lbs (147 kg)
Summit and Trailhawk models	6,500 lbs (2,949 kg)	1,653 lbs (750 kg)	324 lbs (147 kg)

When towing a trailer the technically permissible laden weight may be exceeded by not more than 10% or 220 lbs (100 kg), whichever is lower provided that the operating speed is restricted to 62 mph (100 km/h) or less.

NOTE:

The trailer tongue weight must be considered as part of the combined weight of occupants and cargo, and should never exceed the weight referenced on the Tire and Loading Information placard. Refer to “Tires” in “Servicing And Maintenance” for further information.

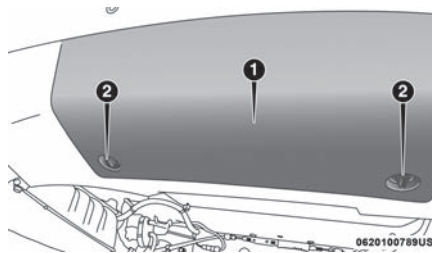
Trailer Hitch Receiver Cover Removal (Summit Models) — If Equipped

Your vehicle may be equipped with a trailer hitch receiver cover, this must be removed to access the trailer hitch receiver (if equipped). This hitch receiver cover is located at the bottom center of the rear fascia.

1. Turn the two locking retainers located at the bottom of the hitch receiver cover a 1/4 turn counterclockwise.

NOTE:

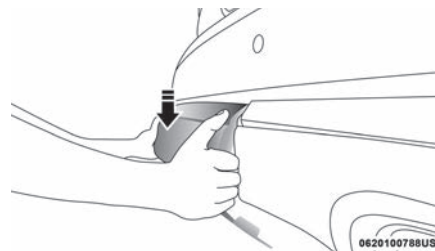
Use a suitable tool such as a coin in the slot of the locking retainer if needed for added leverage.



Hitch Receiver Cover

- 1 — Hitch Receiver Cover
- 2 — Locking Retainers

2. Pull the bottom of the cover outward (towards you), pull downwards to disengage the tabs located at the top of the hitch receiver cover.



Hitch Receiver Cover

To reinstall the hitch receiver cover after towing repeat the procedure in reverse order.

NOTE:

Be sure to engage all tabs of the hitch receiver cover in the bumper fascia prior to installation.

Trailer And Tongue Weight

Never exceed the maximum tongue weight stamped on your bumper or trailer hitch.

CAUTION!

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 tongue weight 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 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 your 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”. Refer to “Service And Warranty Handbook” 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.
- 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.

(Continued)

WARNING! (Continued)

- 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. For four-wheel drive vehicles, make sure the transfer case is not in NEUTRAL. 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:**
 1. GVWR
 2. GTW
 3. GAWR
 4. 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. Refer to "Tires" in "Servicing And Maintenance" for proper tire inflation procedures.

- 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. Refer to "Tires" in "Servicing And Maintenance" for the proper inspection procedure.
- When replacing tires, refer to "Tires" in "Servicing And Maintenance" for the proper tire replacement procedures. Replacing tires with a higher load carrying capacity will not increase the vehicle's GVWR and GAWR limits.

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 lbs (453 kg) and required for trailers in excess of 2,000 lbs (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 lbs (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.

Towing Requirements — Trailer Lights And Wiring (If Equipped)

Whenever you pull a trailer, regardless of the trailer size, stop lights and turn signals on the trailer are required for motoring safety.

The Trailer Tow Package includes a 13 pin 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.



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13-Pin Connector

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 (+12V)	Red
10	Power Supply Controlled by Ignition Switch (+12V)	Yellow
11 ^a	Return for Contact (Pin) 10	Yellow/Brown

Pin Number	Function	Wire Color
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 setting out on a trip, practice turning, stopping, and backing up the trailer in an area located away from heavy traffic.

Automatic Transmission

Select the DRIVE 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 AutoStick shift control to manually select a lower gear.

NOTE:

Using a lower gear (using the AutoStick shift control) 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.

AutoStick

- When using the AutoStick shift control, select the highest gear that allows for adequate performance and avoids frequent downshifts. For example, choose “5” if the desired speed can be maintained. Choose “4” or “3” if needed to maintain the desired speed.
- To prevent excess heat generation, avoid continuous driving at high RPM. Reduce vehicle speed as necessary to avoid extended driving at high RPM. Return to a higher gear or vehicle speed when grade and road conditions allow.

Speed Control — If Equipped

- Do not use on hilly terrain or with heavy loads.

- When using the speed control, if you experience speed drops greater than 10 mph (16 km/h), disengage until you can get back to cruising speed.
- Use speed control in flat terrain and with light loads to maximize fuel efficiency.

Cooling System

To reduce potential for engine and transmission overheating, take the following actions:

City Driving

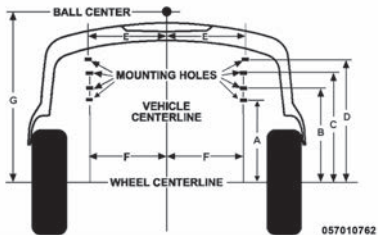
- In city traffic — while stopped, place the transmission in NEUTRAL, but do not increase engine idle speed.

Highway Driving

- Reduce speed.
- Temporarily turn off air conditioning.

Trailer Hitch Attaching Points

Your vehicle will require extra equipment to tow a trailer safely and efficiently. The trailer tow hitch must be attached to your vehicle using the provided attaching points on the vehicle's frame. Refer to the following chart to determine the accurate attaching points. Other equipment, such as trailer sway controls and braking equipment, trailer equalizing (leveling) equipment and low profile mirrors, may also be required or strongly recommended.



Trailer Tow Hitch Attaching Points And Overhang Dimensions

	Fixed, Detach and Retractable Hitch
A	1.85 ft. (565 mm)
B	2.09 ft. (636 mm)
C	2.32 ft. (707 mm)
D	2.4 ft. (733 mm)
E	1.62 ft. (494 mm)
F	1.47 ft. (447 mm)
G (Maximum Overhang)	3.59 ft. (1093 mm)

RECREATIONAL TOWING (BEHIND MOTORHOME, ETC.)

Towing This Vehicle Behind Another Vehicle

Towing Condition	Wheels OFF The Ground	Two-Wheel Drive Models	Four-Wheel Drive Models Without 4-LO Range	Four-Wheel Drive Models With 4-LO Range
Flat Tow	NONE	NOT ALLOWED	NOT ALLOWED	See Instructions <ul style="list-style-type: none"> • Transmission in PARK • Transfer case in NEUTRAL (N) • 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. Refer to “Quadra-Lift” in “Starting and Operating” for more information. 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. Firmly apply the parking 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 mode, 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 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 NEUTRAL (N) 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 above 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 NEUTRAL (N) and the transmission must be in PARK for recreational towing. The NEUTRAL (N) selection button is adjacent to the transfer case selector switch. Shifts into and out of transfer case NEUTRAL (N) can take place with the selector switch in any mode position.

CAUTION!

- DO NOT dolly tow any 4WD 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).

(Continued)

CAUTION! (Continued)

- 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 NEUTRAL (N)” to be certain that the transfer case is fully in NEUTRAL (N). Otherwise, internal damage will result.
- Towing this vehicle in violation of the above 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 NEUTRAL (N)**WARNING!**

You or others could be injured or killed if you leave the vehicle unattended with the transfer case in the NEUTRAL (N) position without first fully engaging the parking brake. The transfer case NEUTRAL (N) position disengages both the front and rear driveshafts

(Continued)

WARNING! (Continued)

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.

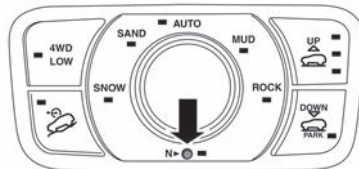
Use the following procedure to prepare your vehicle for recreational towing.

CAUTION!

It is necessary to follow these steps to be certain that the transfer case is fully in NEUTRAL (N) before recreational towing to prevent damage to internal parts.

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.
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.



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NEUTRAL (N) Switch

6. After the shift is completed and the NEUTRAL (N) light stays on, release the NEUTRAL (N) button.
7. Shift the transmission into REVERSE.
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. Firmly apply the parking brake.
11. With the transmission and transfer case in NEUTRAL, push and hold the ENGINE START/STOP button until the engine turns off.

12. Place the transmission gear selector in PARK. Release the brake pedal.
13. Push the ENGINE STOP/START button twice (without pressing the brake pedal), to turn the ignition to the OFF mode.
14. Attach the vehicle to the tow vehicle using a suitable tow bar.
15. Release the parking brake.
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.

NOTE:

- Steps 1 through 4 are requirements that must be met before pushing the NEUTRAL (N) button, and must continue to be met until the shift has been completed. If any of these requirements are not met before pushing the NEUTRAL (N) button or are no longer met during the shift, then the NEUTRAL (N) indi-

cator light will flash continuously until all requirements are met or until the NEUTRAL (N) button is released.

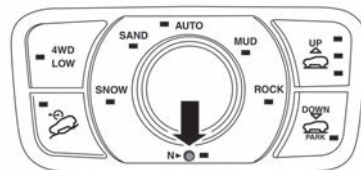
- The ignition must be in the ON/RUN mode for a shift to take place and for the position indicator lights to be operable. If the ignition is not in the ON/RUN mode, the shift will not take place and no position indicator lights will be on or flashing.
- A flashing NEUTRAL (N) position indicator light 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.

Shifting Out Of NEUTRAL (N)

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. Firmly apply the parking brake.
3. Reconnect the negative battery cable.
4. Turn the ignition to the LOCK/OFF mode.
5. Start the engine.
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 NEUTRAL (N) button (located by the selector switch) for one second.



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NEUTRAL (N) Switch

9. When the NEUTRAL (N) indicator light turns off, release the NEUTRAL (N) button. After the NEUTRAL (N) 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 parking brake.

- Shift the transmission into DRIVE, release the brake pedal, and check that the vehicle operates normally.

NOTE:

- Steps 1 through 5 are requirements that must be met before pushing the NEUTRAL (N) button, and must continue to be met until the shift has been completed. If any of these requirements are not met before pushing the NEUTRAL (N) button or are no longer met during the shift, the NEUTRAL (N) indicator light will flash continuously until all requirements are met or until the NEUTRAL (N) button is released.
- The ignition must be in the ON/RUN mode for a shift to take place and for the position indicator lights to be operable. If the ignition is not in the ON/RUN mode, the shift will not take place and no position indicator lights will be on or flashing.
- A flashing NEUTRAL (N) position indicator light indicates that shift requirements have not been met.

DRIVING TIPS

On-Road Driving Tips

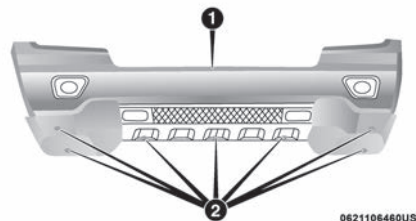
Utility vehicles have higher ground clearance and a narrower track to make them capable of performing in a wide variety of off-road applications. Specific design characteristics give them a higher center of gravity than conventional passenger cars.

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

NOTE:

Prior to off-road driving with non-Summit models that are also equipped with an Off Road Package, remove the lower fascia to prevent damage. The lower fascia is attached to the lower part of the front fascia with seven quarter turn fasteners and can be removed by hand. The front license plate bracket must be removed first if equipped.



Front Air Dam

- 1 — Front Bumper
2 — Front Air Dam Fasteners

NOTE:

On Summit models the lower front fascia is not removable.

Lower Front Fascia Removal:

- Remove the seven quarter turn fasteners.
- Starting on one side of the vehicle, disengage lower fascia from the upper fascia. Grasp the portion inside the wheel well. Pulling it downwards and toward you, separate the tabs from the slots in the upper fascia.
- Continue working your way across the vehicle, separating the remaining tabs from the slots in the upper fascia.

NOTE:

Do not allow the lower fascia to freely hang from the tabs in the opposite corner as damage to lower and upper fascia may result.

4. Store the lower fascia in a safe location.

NOTE:

It is recommended to also remove the radar sensor on vehicle equipped to Adaptive Cruise Control (ACC). This radar sensor is specifically calibrated to your vehicle and is not interchangeable with other radar sensors.

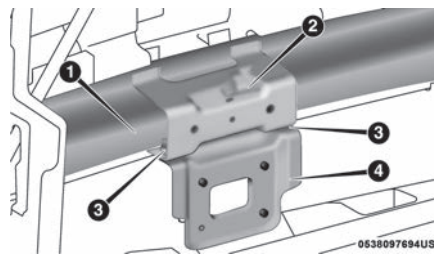
Radar Sensor Removal Procedure (If Equipped With Adaptive Cruise Control [ACC]):

1. With the lower fascia removed, which provides access to the sensor and bracket, disconnect the wiring harness from the sensor.
2. Using a suitable tool, disconnect the wire clip from the bracket.
3. Using a suitable tool, remove the two fasteners that hold the sensor bracket to the bumper beam.

NOTE:

It is recommended to scribe location to assist in reinstallation.

4. Locate the protective connector on the rear of the bumper beam.



Bumper Beam

- 1 — Inside Bumper Beam
- 2 — Protective Connector Location
- 3 — Sensor Bracket Fasteners
- 4 — Sensor Bracket

NOTE:

Only models with the Off Road Package are equipped with the a protective connector.

5. Remove the plug from the protective connector and install on the sensor.
6. Insert the wiring harness connector into the protective connector.
7. Store sensor and bracket in a safe place.

NOTE:

All cruise control functions will be disabled when the radar sensor is disconnected.

Radar Sensor Installation Procedure (If Equipped With Adaptive Cruise Control [ACC]):

1. Disconnect the wiring harness connector from the protective connector on the bumper beam.
2. Remove plug from radar sensor and install in protective connector.
3. Using the previously scribed marks, reinstall the radar sensor and bracket using the two fasteners.

NOTE:

Some alignment may be required upon fascia installation to align sensor with fascia.

4. Install the wiring harness connector into the radar sensor.

NOTE:

If you receive a fault, see your authorized dealer they may need to perform a sensor alignment.

Lower Front Fascia Installation

NOTE:

This will only work if you have a helper.

1. Starting at the center of the vehicle, engage a sufficient number of tabs to support the weight of the lower fascia (typically one or two tabs) into the upper fascia.

2. Working your way outward, engage the tabs into the slots on one side of the vehicle.
3. Return to the center of the vehicle and repeat Step 2 to the opposite side of the vehicle.

NOTE:

- It may be necessary to apply additional force to individual tabs to make sure they are fully engaged.
 - Do not use any tools to apply additional force to the tabs as damage to the upper and lower fascias may result.
4. Reinstall the seven quarter turn fasteners.

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. Refer to “Four Wheel Drive Operation” in “Starting And Operating” for further information.

When To Use 4WD LOW Range — 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 range.

WARNING!

Do not drive in 4WD-LOW Range on dry pavement; driveline damage may result. 4WD-LOW Range locks front and rear drivelines together and does not allow for differential action between the front to rear drive-shafts. 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 run-off), 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 20 inches (51 cm), and reduce speed appropriately to minimize wave effects. Maximum speed in 20 inches (51 cm) of water is less than 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 assure 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. Refer to “Four-Wheel Drive Operation” in “Starting and Operating” for further information. Do not shift to a lower gear than necessary 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. 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 or Selec-Speed Control to avoid repeated heavy braking.

If not equipped with Hill Descent 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.

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HAZARD WARNING FLASHERS

The Hazard Warning flasher switch is located on the switch bank just above the climate controls.



Push the switch to turn on the Hazard Warning flasher. When the switch is activated, all directional turn signals will flash on and off to warn oncoming traffic of an emergency.

Push the switch a second time to turn off the Hazard Warning flashers.

BULB REPLACEMENT

Replacement Bulbs

Interior Bulbs

	Bulb Number
Glove Compartment Lamp	194
Grab Handle Lamp	L002825W5W
Overhead Console Reading Lamps	VT4976
Rear Cargo Lamp	214-2
Visor Vanity Lamp	V26377
Underpanel Courtesy Lamps	906
Instrument Cluster (General Illumination)	103
Telltale/Hazard Lamp	74

This is an emergency warning system and it should not be used when the vehicle is in motion. Use it when your vehicle is disabled and it is creating a safety hazard 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.

Exterior Bulbs

	Bulb Number
Headlamps (Low Beam) — If Equipped	H11
Premium Headlamps (Low/High Beam)	D3S (Service at Authorized Dealer)
Headlamps (High Beam) — If Equipped	H9
Premium Park/Turn Signal Lamp	LED - (Service at Authorized Dealer)
Premium Daytime Running Lamp (DRL)	LED - (Service at Authorized Dealer)
Front Fog Lamps	H11 LED - (Service at Authorized Dealer)
Front Side Marker — If Equipped	W5W
Premium Front Side Marker — If Equipped	LED - (Service at Authorized Dealer)
Front Park/Turn Lamp — If Equipped	7444NA (WY28/8W)
Rear Body Side Turn Signal Lamps	7440NA (WY21W)
Auxiliary Liftgate Tail Lamps	LED - (Service at Authorized Dealer)
Liftgate Backup Lamps	921 (W16W)
Rear License Lamps	LED - (Service at Authorized Dealer)
Rear Body Side Stop Lamps	3157KRD LCP (P27/7W)
Rear Body Side Tail Lamps	LED - (Service at Authorized Dealer)
Rear Fog Lamps	7440 (W21W)
CHMSL - Center High Mounted Stop Lamp	LED - (Service at Authorized Dealer)

NOTE:

Numbers refer to commercial bulb types that can be purchased from your authorized dealer.
If a bulb needs to be replaced, visit your authorized dealer or refer to the applicable Service Manual.

Bulb Replacement

High Intensity Discharge Headlamps (HID) — If Equipped

The headlamps are a type of high voltage discharge tube. High voltage can remain in the circuit even with the headlamp switch off and the key removed. **Because of this, you should not attempt to service a headlamp bulb yourself. If a headlamp bulb fails, take your vehicle to an authorized dealer for service.**

WARNING!

A transient high voltage occurs at the bulb sockets of High Intensity Discharge (HID) headlamps when the headlamp switch is turned ON. It may cause serious electrical shock or electrocution if not serviced properly. See your authorized dealer for service.

NOTE:

On vehicles equipped with High Intensity Discharge (HID) headlamps, when the headlamps are turned on, there is a blue hue to the lamps. This diminishes and becomes more white after approximately 10 seconds, as the system charges.

Halogen Headlamps — If Equipped

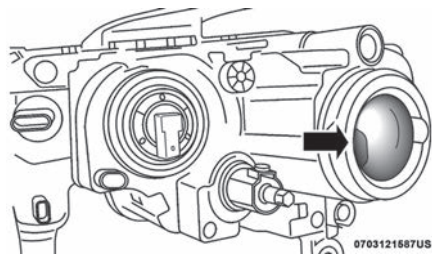
NOTE:

Lens fogging can occur under certain atmospheric conditions. This will usually clear as atmospheric conditions change to allow the condensation to change back to vapor. Turning the lamps on will usually accelerate the clearing process.

1. Open the hood.
2. Access the back of the headlamp.

NOTE:

- The air filter housing must be removed.
 - The windshield washer reservoir may need to be rotated out of the way by removing the fastener.
 - Coolant reservoir (if equipped) will need to be repositioned by removing the fasteners, and moving the unit out of the way.
3. To access the low beam bulb you must remove the rubber boot seal from backside of the lamp housing.



Rubber Boot Seal

NOTE:

Ensure the rubber boot is properly reinstalled to prevent water and moisture from entering the lamp.

CAUTION!

- Do not contaminate the bulb glass by touching it with your fingers or by allowing it to contact other oily surfaces. Shortened bulb life will result.
- Always use the correct bulb size and type for replacement. An incorrect bulb size or type may overheat and cause damage to the lamp, the bulb socket, or the lamp wiring.

4. Turn the low or high beam bulb one-quarter turn counterclockwise to remove from housing.

5. Disconnect the electrical connector and replace the bulb.

Front Turn Signal Lamp

1. Open the hood.
2. Access the back of the headlamp.

NOTE:

- The air filter housing must be removed.
 - The windshield washer reservoir may need to be rotated out of the way by removing the fastener.
 - Coolant reservoir (if equipped) will need to be repositioned by removing the fasteners, and moving the unit out of the way.
3. Turn the turn signal bulb one-quarter turn counterclockwise to remove from housing.
 4. Disconnect the electrical connector and replace the bulb.

CAUTION!

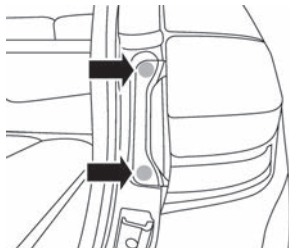
Do not touch the new bulb with your fingers. Oil contamination will severely shorten bulb life. If the bulb comes in contact with any oily surface, clean the bulb with rubbing alcohol.

Front Fog Lamps

Please see your authorized dealer for service.

Rear Tail, Stop, and Turn Signal Lamps

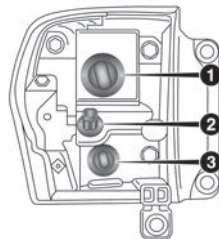
1. Raise the liftgate.
2. Remove the two push-pins from the tail lamp housing.



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Tail Lamp Push Pins

3. Grasp the tail lamp and pull firmly rearward to disengage the lamp from the aperture panel.
4. Twist socket counter clockwise and remove from lamp.



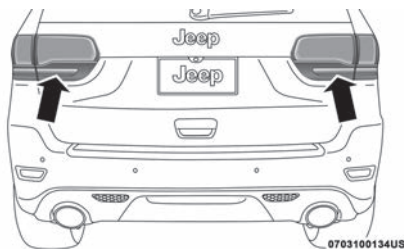
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Rear Of Tail Lamp

- 1 — Rear Stop Lamp Bulb Socket
- 2 — LED Tail Connector – Do Not Remove
- 3 — Rear Turn Signal Bulb Socket

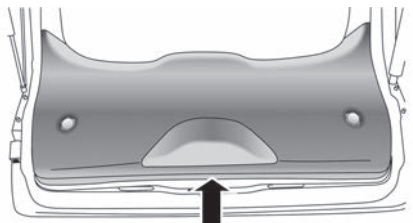
5. Pull the bulb to remove it from the socket.
6. Replace the bulb, reinstall the socket, and reattach the lamp assembly.

Rear Liftgate Mounted Tail Lamp



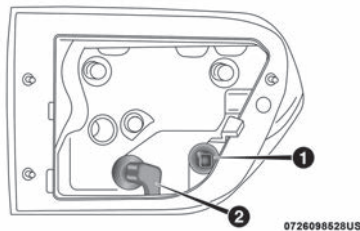
Rear Liftgate Tail Lamps

1. Raise the liftgate.
2. Use a suitable tool to pry the lower trim from the liftgate.



Liftgate Lower Trim

3. Continue removing the trim.
4. Disconnect the two trim panel lights.
5. Tail lamps are now visible. Rotate socket(s) counter clockwise.



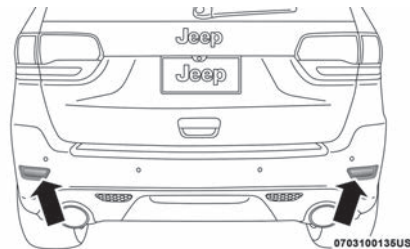
Rear Of Liftgate Tail Lamp

- 1 — Auxiliary LED Tail Connector – Do Not Remove
2 — Backup Bulb Socket

6. Remove/replace bulb(s).
7. Reinstall the socket(s).
8. Reverse process to reinstall the liftgate trim.

Rear Fascia Mounted Fog Lamp

1. Using a fiber stick or flat blade screw driver, gently pry between the inboard edge of the lamp and the fascia.
2. Remove lamp from fascia opening.

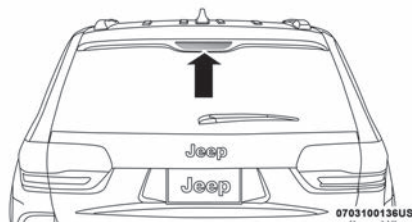


Rear Fog Lamps

3. Twist socket counter clockwise.
4. Replace bulb.
5. Reinstall the socket.
6. Hook inboard side of the lamp into the fascia pocket.
7. Rotate lamp forward in car until lamp snaps back into the opening.

Center High-Mounted Stop Lamp (CHMSL)

The center high mounted stop lamp is an LED. Service at an authorized dealer.



Center High-Mounted Stop Lamp

Rear License Lamp

The rear license lamps are LEDs. See your authorized dealer for service.

FUSES

WARNING!

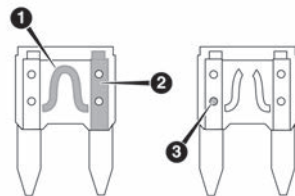
- When replacing a blown fuse, always use an appropriate replacement fuse with the same amp rating as the original fuse. Never replace a fuse with another fuse of higher amp rating. Never replace a blown fuse with metal wires or any other material. Do not place a fuse inside a circuit breaker cavity 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.

General Information

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 when using power outlets for extended periods of time with the engine off may result in vehicle battery discharge.



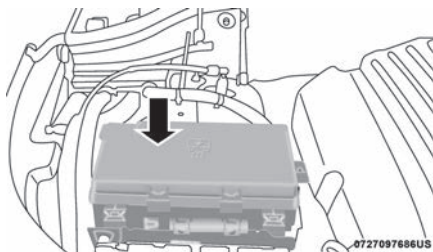
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Blade Fuses

- 1 — Fuse Element
2 — Blade Fuse with a good/functional fuse element.
3 — Blade fuse with a NOT functional / BAD fuse element (blown fuse).

Underhood Fuses

The Power Distribution Center is located in the engine compartment near the battery. 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.



Power Distribution Center

Cavity	Cartridge Fuse	Micro Fuse	Description
F03	60 Amp Yellow	–	Radiator Fan — If Equipped
F05	40 Amp Green	–	Compressor for Air Suspension — If Equipped
F06	40 Amp Green	–	Anti-lock Brakes/Electronic Stability Control Pump
F07	30 Amp Pink	–	Starter Solenoid
F09	30 Amp Pink	–	Diesel Fuel Heater (Diesel Engine Only)/Brake Vacuum Pump
F10	40 Amp Green	–	Body Controller/Exterior Lighting #2
F11	30 Amp Pink	–	Trailer Tow Electric Brake — If Equipped
F12	40 Amp Green	–	Body Controller #3/Power Locks
F13	40 Amp Green	–	Blower Motor Front
F14	40 Amp Green	–	Body Controller #4/Exterior Lighting #1
F15	40 Amp Green	–	LTR (Low Temperature Radiator) Engine Cooling Pump — If Equipped

Cavity	Cartridge Fuse	Micro Fuse	Description
F17	30 Amp Pink	–	Headlamp Washer — If Equipped
F19	20 Amp Blue	–	Headrest Solenoid — If Equipped
F20	30 Amp Pink	–	Passenger Door Module
F22	20 Amp Blue	–	Engine Control Module
F23	30 Amp Pink	–	Interior Lights #1
F24	30 Amp Pink	–	Driver Door Module
F25	30 Amp Pink	–	Front Wipers
F26	30 Amp Pink	–	Anti-lock Brakes/Stability Control Module, ECU and Valves
F28	20 Amp Blue	–	Trailer Tow Backup Lights — If Equipped
F29	20 Amp Blue	–	Trailer Tow Parking Lights — If Equipped
F30	30 Amp Pink	–	Trailer Tow (Receptacle) / Trailer Tow (Separate E-Brake) / Trailer Tow (BUX) — If Equipped
F32	30 Amp Pink	–	Drive Train Control Module
F34	30 Amp Pink	–	Slip Differential Control — If Equipped
F35	30 Amp Pink	–	Sunroof - If Equipped
F36	30 Amp Pink	–	Rear Defroster
F37	25 Amp Clear	–	Rear Blower Motor — If Equipped
F38	30 Amp Pink	–	Power Inverter 230V AC — If Equipped
F39	30 Amp Pink	–	Power Liftgate — If Equipped
F40	–	10 Amp Red	Daytime Running Lights/Headlamp Leveling
F42	–	20 Amp Yellow	Horn
F44	–	10 Amp Red	Diagnostic Port

Cavity	Cartridge Fuse	Micro Fuse	Description
F45	–	5 Amp Tan	Cyber Security Gateway
F49	–	10 Amp Red	Integrated Central Stack/Climate Control
F50	–	20 Amp Yellow	Air Suspension Control Module/Slip Differential - If Equipped
F51	–	15 Amp Blue	KIN/RF HUB/Steering Column Lock — If Equipped
F53	–	20 Amp Yellow	Trailer Tow – Left Turn/Stop Lights — If Equipped
F56	–	15 Amp Blue	Additional Content (Diesel Engine Only)
F57	–	20 Amp Yellow	NOX Sensor — If Equipped
F58	–	15 Amp Blue	HID Headlamps LH — If Equipped
F59	–	10 Amp Red	Purging Pump (Diesel Engine Only)
F60	–	15 Amp Blue	Transmission Control Module
F61	–	10 Amp Red	Transmission Control Module/PM Sensor (Diesel Engine Only)
F62	–	10 Amp Red	Air Conditioning Clutch
F63	–	20 Amp Yellow	Ignition Coils / Ignition Coil Capacitors / Short Runner Valve Actuator — If Equipped (Gas) Urea Heater (Diesel)
F64	–	25 Amp Clear	Fuel Injectors/Powertrain
F66	–	10 Amp Red	Sunroof/Rain Sensor/Inside Rear View Mirror / USB Port / DSCR / DTV — If Equipped
F67	–	15 Amp Blue	CD/DVD/UCI Port/USB Charging Port
F68	–	20 Amp Yellow	Rear Wiper Motor
F69	–	15 Amp Blue	Spotlight Feed — If Equipped
F70	–	20 Amp Yellow	Fuel Pump Motor
F71	–	30 Amp Green	Amplifier/ANCM — If Equipped

Cavity	Cartridge Fuse	Micro Fuse	Description
F72	–	10 Amp Red	ECM
F73	–	15 Amp Blue	HID Headlamp RH — If Equipped
F75	–	10 Amp Red	Dual Batt Control — If Equipped
F76	–	10 Amp Red	Anti-lock Brakes/Electronic Stability Control
F77	–	10 Amp Red	Drivetrain Control Module/Front Axle Disconnect Module — If Equipped
F78	–	10 Amp Red	Engine Control Module/Electric Power Steering
F80	–	10 Amp Red	Universal Garage Door Opener/Anti-Intrusion Module — If Equipped/Siren — If Equipped
F81	–	20 Amp Yellow	Trailer Tow Right Turn/Stop Lights — If Equipped
F82	–	10 Amp Red	Steering Column Control Module/Cruise Control/DTV — If Equipped
F83	–	10 Amp Red	Fuel Door
F84	–	15 Amp Blue	Instrument Cluster
F85	–	10 Amp Red	Airbag Module
F86	–	10 Amp Red	Airbag Module
F87	–	10 Amp Red	Air Suspension — If Equipped
F88	–	15 Amp Blue	Instrument Panel Cluster/SGW/ITBM — If Equipped
F90/F91	–	20 Amp Yellow	Power Outlet (Rear Seats) Selectable
F92	–	10 Amp Red	Rear Console Lamp — If Equipped
F93	–	20 Amp Yellow	Cigar Lighter
F94	–	10 Amp Red	Shifter/Transfer Case Module
F95	–	10 Amp Red	Rear Camera / Blind Spot Sensor — If Equipped

Cavity	Cartridge Fuse	Micro Fuse	Description
F96	–	10 Amp Red	Rear Seat Heater Switch/Flashlamp Charger — If Equipped
F97	–	20 Amp Yellow	Rear Heated Seats & Heated Steering Wheel — If Equipped
F98	–	20 Amp Yellow	Ventilated Seats/Front Heated Seats — If Equipped
F99	–	10 Amp Red	Climate Control/Driver Assistance Systems Module/ HALF/Park Assist
F100	–	10 Amp Red	Active Damping — If Equipped
F101	–	15 Amp Blue	In Car Temperature Sensor/Humidity Sensor
F102	–	15 Amp Blue	Spare
F103	–	10 Amp Red	Cabin Heater (Diesel Engine Only)/Rear HVAC
F104	–	20 Amp Yellow	Power Outlets (Instrument Panel/Center Console/Rear Cargo — If Equipped)

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.

(Continued)

CAUTION! (Continued)

- When replacing a blown fuse, it is important to use only a fuse having the correct amperage 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.

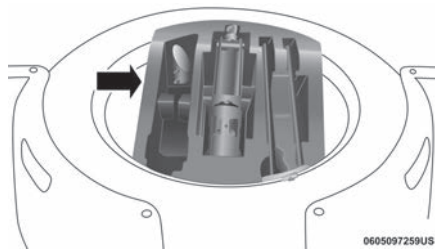
JACKING AND TIRE CHANGING

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.
- 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.

Jack Location

The scissor-type jack and tire changing tools are located in the rear cargo area, below the load floor.



Jack Storage Location

NOTE:

The funnel for the Cap-Less Fuel System is located on top of the spare tire. If your vehicle is out of fuel and an auxiliary fuel can is needed, insert the funnel into the filler neck and proceed to fill the vehicle. For vehicles not equipped with a spare tire, the fuel filler funnel is stored in the left storage bin under the load floor. For more information on the Cap-Less Fuel System, refer to "Refueling The Vehicle" in "Starting And Operating".

Spare Tire Stowage

The spare tire is stowed under the load floor in the rear cargo area and is secured to the body with a special wing nut.

Preparations For Jacking

CAUTION!

Always lift or jack the vehicle from the correct jacking points. Failure to follow this information could cause damage to the vehicle or underbody components.

1. Park the vehicle on a firm, level surface. Avoid ice or slippery surfaces.

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 flasher.
3. Apply the parking brake.
4. Place the gear selector into PARK.
5. Turn the ignition OFF.
6. Block both the front and rear of the wheel diagonally opposite of the jacking position. For example, if changing the right front tire, block the left rear wheel.



NOTE:

Passengers should not remain in the vehicle when the vehicle is being jacked.

- For vehicles equipped with Quadra-Lift, refer to “Quadra-Lift — If Equipped” in “Starting And Operating” for further information on disabling automatic leveling.

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 flasher.
- Block the wheel diagonally opposite the wheel to be raised.
- Apply the parking brake firmly and set the transmission in PARK.
- 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! (Continued)**

- 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 valve stem facing the ground.

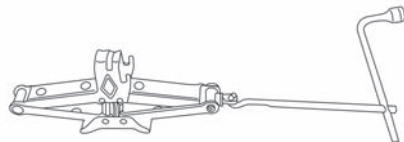
**Jack Warning Label**

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CAUTION!

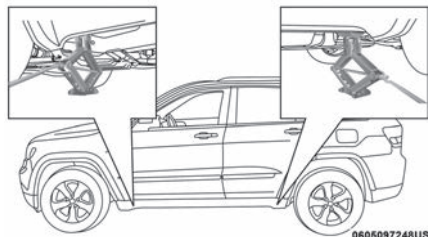
Do not attempt to raise the vehicle by jacking on locations other than those indicated in the Jacking Instructions for this vehicle.

- Remove the spare tire, jack, and tools from storage.
- Loosen (but do not remove) the wheel lug nuts by turning them to the left, one turn, while the wheel is still on the ground.
- Assemble the jack and jacking tools.



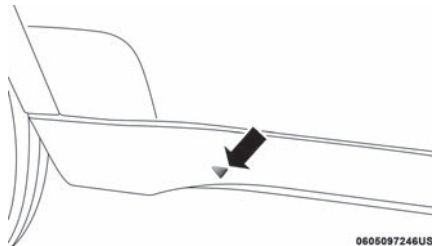
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Jack And Tool Assembly

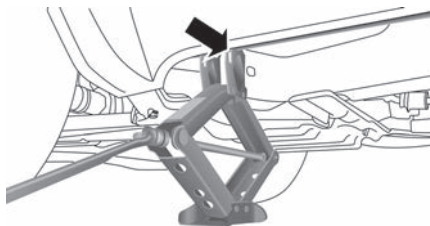


Jacking Locations

4. For the front axle, place the jack on the body flange just behind the front tire as indicated by the triangular lift point symbol on the sill molding. **Do not raise the vehicle until you are sure the jack is fully engaged.**



Lift Point Symbol On Sill Molding

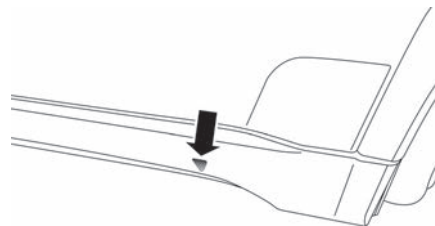


Front Jacking Location

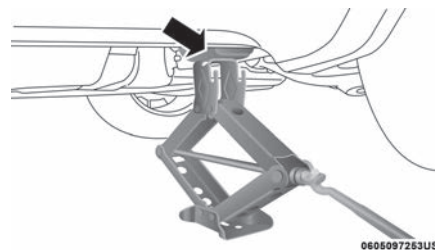
5. For a rear tire, place the jack in the slot on the rear tie-down bracket, just forward of the rear tire (as indicated by the triangular lift point symbol on the sill molding). **Do not raise the vehicle until you are sure the jack is fully engaged.**

CAUTION!

Do NOT raise the vehicle by the body side sill molding. Be sure the jack is placed in the proper engagement location on the inside of the panel. Damage of the vehicle may occur if the procedure is not properly followed.



Lift Point Symbol On Sill Molding



Rear Jacking Location

6. Raise the vehicle by turning 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.

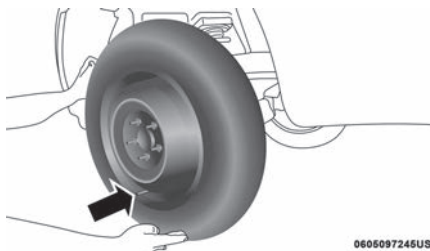
WARNING!

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.

7. Remove the lug nuts and wheel.
8. 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

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WARNING!

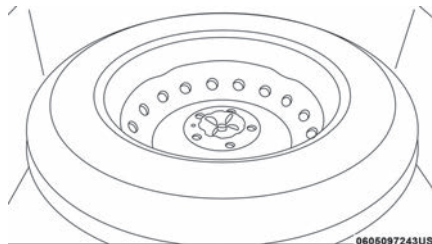
To avoid the risk of forcing the vehicle off the jack, do not tighten the wheel nuts fully until the vehicle has been lowered. Failure to follow this warning may result in serious injury.

9. Lower the vehicle by turning the jack screw counterclockwise, and remove the jack and wheel blocks.

10. Finish tightening the lug nuts. Push down on the wrench while 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, refer to "Torque Specifications" in "Technical Specifications". If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.

11. Lower the jack to the fully closed position and return it and the tools to the proper positions in the foam tray.

12. Remove the small center cap and securely store the road wheel in the cargo area.



Stowed Spare

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13. Have the aluminum road wheel and tire repaired as soon as possible, properly secure the spare tire with the special wing nut torqued to 3.7 ft-lbs (5 N-m), reinstall the jack and tool kit foam tray, and latch the rear load floor cover.



Spare Tire Warning Label

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).

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.

Road Tire Installation

1. Mount the road tire on the axle.
2. Install the remaining lug nuts with the cone shaped end of the nut toward the wheel. Lightly tighten the lug nuts.

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.

3. Lower the vehicle to the ground by turning the jack handle counterclockwise.
4. Refer to “Torque Specifications” in “Technical Specifications” for proper lug nut torque.
5. 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.

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!

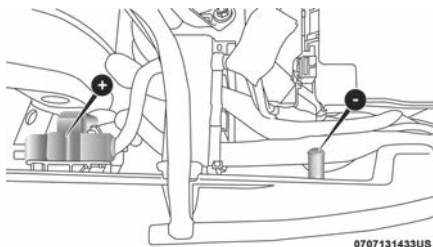
Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.

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 under the passenger’s front seat. There are remote terminals located under the hood to assist in jump starting.



Jump Starting Locations

(+) — Remote Positive Post (Covered With Protective Cap)

(-) — Remote Negative Post

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.
- 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.

NOTE:

Be sure that the disconnected cable ends do not touch each other, or either vehicle, until properly connected for jump starting.

1. Apply the parking brake, shift the automatic transmission into PARK and turn the ignition OFF.
2. Turn off the heater, radio, and all unnecessary electrical accessories.
3. Remove the protective cover over the remote positive (+) battery post. Pull upward on the cover to remove it.
4. 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.

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 remote 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 the remote negative (-) post of the vehicle with the discharged battery.

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. Only use the specific ground point, do not use any other exposed metal parts.

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, remove the jumper cables in the reverse sequence:

Disconnecting The Jumper Cables

1. Disconnect the negative (-) end of the jumper cable from the remote negative (-) post of the discharged vehicle.

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 remote positive (+) post of the discharged vehicle.
5. Reinstall the protective cover over the remote positive (+) post of the discharged vehicle.

If frequent jump starting is required to start your vehicle you should 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 funnel for the Cap-Less Fuel System is located in the spare tire storage area. If your vehicle is out of fuel and an auxiliary fuel can is needed, insert the funnel into the filler neck and proceed to fill the vehicle.

For more information on the Cap-Less Fuel System refer to "Refueling The Vehicle" in "Starting And Operating".

IF YOUR ENGINE OVERHEATS

In any of the following situations, you can reduce the potential for overheating by taking the appropriate action.

- On the highways — slow down.
- In city traffic — while stopped, place the transmission in NEUTRAL, but do not increase the engine idle speed while preventing vehicle motion with the brakes.

NOTE:

There are steps that you can take to slow down an impending overheat condition:

- If your air conditioner (A/C) is on, turn it off. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.
- You can also 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.

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.

CAUTION!

Driving with a hot cooling system could damage your vehicle. If the temperature gauge reads HOT (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 HOT (H), and you hear continuous chimes, turn the engine off immediately and call for service.

MANUAL PARK RELEASE

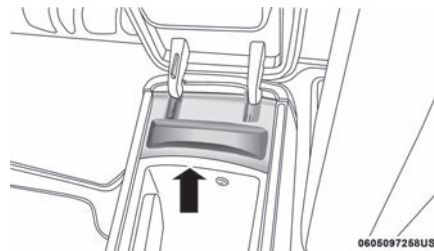
WARNING!

Always secure your vehicle by fully applying the parking brake before activating the Manual Park Release. In addition, you should be seated in the driver's seat with your foot firmly on the brake pedal when activating the Manual Park Release. Activating the Manual Park Release will allow your vehicle to roll away if it is not secured by the parking brake, or by proper connection 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.

In order to move the vehicle in cases where the transmission will not shift out of PARK (such as a dead battery), a Manual Park Release is available.

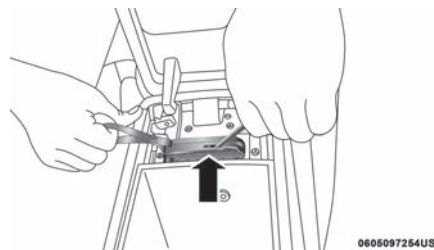
Follow these steps to use the Manual Park Release:

1. Firmly apply the parking brake.
2. Open the center console and locate the Manual Park Release cover, remove it by snapping the cover away from the console hinges.



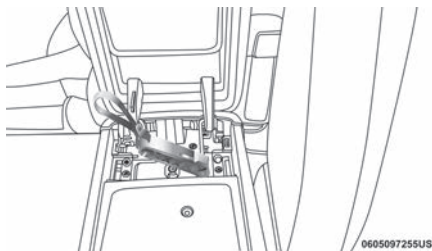
Manual Park Release Cover

3. Press and maintain firm pressure on the brake pedal.
4. Using a screwdriver or similar tool, push the metal latch in towards the tether strap.



Release Latch

5. While the metal latch is in the open position, pull upward on the tether strap until the lever clicks and latches in the released position. The transmission is now out of PARK and the vehicle can be moved.



Released Position

CAUTION!

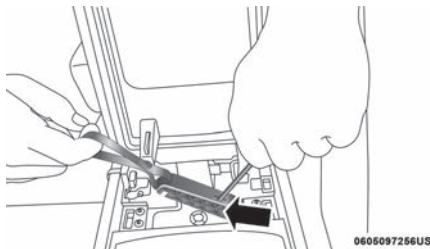
Closing the armrest while the Manual Park Release is activated may damage the Manual Park Release mechanism, the transmission, and/or the armrest.

NOTE:

To prevent the vehicle from rolling unintentionally, firmly apply the parking brake.

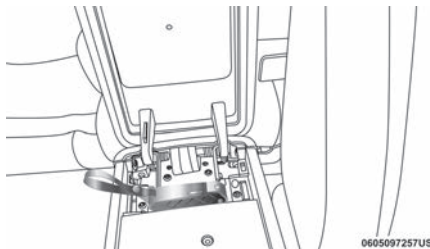
To Disengage The Manual Park Release Lever:

1. To disengage the Manual Park Release, apply tension upward while pushing the release latch towards the tether to unlock the lever.



Release Latch

2. Once the tension has been released and the lever has been unlocked, be sure it is stowed properly and locks into position.



Stowed Position

NOTE:

Be sure to replace the cover by snapping it back in place.

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 and REVERSE while gently pressing the accelerator.

NOTE:

Shifts between DRIVE and REVERSE can only be achieved at wheel speeds of 5 mph (8 km/h) or less. Whenever the transmission remains in NEUTRAL for more than two seconds, you must press the brake pedal to engage DRIVE or REVERSE.

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" switch, to place the Electronic Stability Control (ESC) system in "Partial Off" mode, before rocking the vehicle. Refer to "Electronic Brake Control" in "Safety" for further information. Once the vehicle has been freed, push the "ESC Off" switch 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.
- 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 vehicles may also be towed as described under "Recreational Towing" in the "Starting And Operating" section.

NOTE:

Vehicles equipped with Quadra-Lift must be placed in Transport mode, before tying them down (from the body) on a trailer or flatbed truck. Refer to the section on Quadra-Lift for more information. 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 tire tie-down nets. Failure to follow these instructions may cause fault codes to be set and/or cause loss of proper tie-down tension.

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	If transmission is operable: <ul style="list-style-type: none"> • Transmission in NEUTRAL • 30 mph (48 km/h) max speed • 30 miles (48 km) max distance 	NOT ALLOWED	See Instructions <ul style="list-style-type: none"> • Transmission in PARK • Transfer case in NEUTRAL (N) • Tow in forward direction • Ignition in ACC or ON/RUN mode (or disconnect negative battery cable)
Wheel Lift Or Dolly Tow	Front		NOT ALLOWED	NOT ALLOWED
	Rear	OK	NOT ALLOWED	NOT ALLOWED
On Trailer	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 bumpers or associated brackets. State and local laws regarding vehicles under tow must be observed.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN mode, not the ACC mode.

If the vehicle's battery is discharged, refer to "Manual Park Release" in this section for instructions on shifting the transmission out of PARK for towing.

CAUTION!

- Do not use sling type equipment when towing. Vehicle damage may occur.
- When securing the vehicle to a flat bed truck, do not attach to front or rear suspension components. Damage to your vehicle may result from improper towing.

(Continued)

CAUTION! (Continued)

- If the vehicle being towed requires steering, the ignition switch must be in the ACC or ON/RUN mode, not in the LOCK/OFF mode.

Without The Key Fob

Special care must be taken when the vehicle is towed with the ignition in the LOCK/OFF mode. The only approved method of towing without the key fob is with a flatbed truck. Proper towing equipment is necessary to prevent damage to the vehicle.

Two-Wheel Drive Models

The manufacturer 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 on the ground) under the following conditions:

- The transmission must be in NEUTRAL. Refer to "Manual Park Release" in this section for instructions on shifting the transmission to NEUTRAL when the engine is off.
- The towing speed must not exceed 30 mph (48 km/h).
- The towing distance must not exceed 30 miles (48 km).

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.

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.

Four-Wheel Drive Models

The manufacturer recommends towing with all wheels **OFF** the ground. Acceptable methods are to tow the vehicle on a flatbed or with one end of 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**. Refer to "Recreational Towing" in "Starting And Operating" for detailed instructions.

Vehicles equipped with a single-speed transfer case have no NEUTRAL position, and therefore **must** be towed with 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 above requirements can cause severe transmission and/or transfer case damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Tow Eye Usage — If Equipped

Your vehicle is equipped with a tow eye that can be used to move a disabled vehicle.

When using a tow eye be sure to follow the "Tow Eye Usage Precautions" and the "Towing A Disabled Vehicle" instructions in this section.



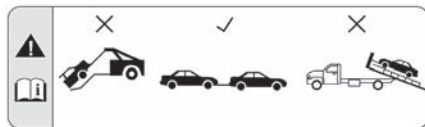
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Tow Eye

Tow Eye Usage Precautions

CAUTION!

- The tow eye must only be used for road-side emergencies. Use with an appropriate device in accordance with highway code (a rigid bar or rope) to maneuver the vehicle in preparation for transport via a tow truck.
- The tow eye must not be used to move the vehicle off the road or where there are obstacles.
- Do not use the tow eyes for tow truck hookup or highway towing.
- Do not use the tow eye to free a stuck vehicle. Refer to the “Freeing A Stuck Vehicle” section for further information.
- Please refer to the “Towing A Disabled Vehicle” section for detailed instructions. Damage to your vehicle may occur if these guidelines are not followed.



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Tow Eye Warning Label

WARNING!

Stand clear of vehicles when pulling with tow eyes.

- Do not use a chain with a tow eye. Chains may break, causing serious injury or death.
- Do not use a tow strap with a tow eye. Tow straps may break or become disengaged, causing serious injury or death.
- Failure to follow proper tow eye usage may cause components to break resulting in serious injury or death.

Front Tow Eye Installation

The front tow eye receptacle is located behind a door on the front bumper fascia.

To install the tow eye, open the door using the vehicle key or a small screwdriver, and thread the tow eye into the receptacle.

Insert the flat end of the jack handle through the tow eye and tighten, refer to “Jacking And Tire Changing” in this section for further information. The tow eye must be fully seated to the attaching bracket through the lower front fascia. If the tow eye is not fully seated to the attaching bracket, the vehicle should not be moved.

Emergency Tow Hooks — If Equipped

If your vehicle is equipped with tow hooks, there will be one in the rear and two mounted on the front of the vehicle. The rear hook will be located on the driver's side of the vehicle.

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.

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.

Please refer to “Occupant Restraint Systems” in “Safety” for further information on the Enhanced Accident Response System (EARS) function.

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.

Please refer to “Occupant Restraint Systems” in “Safety” for further information on the Event Data Recorder (EDR).

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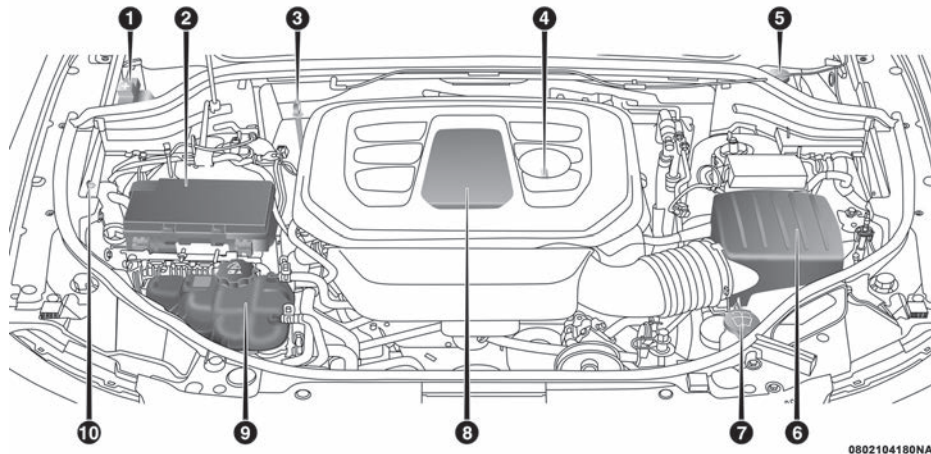
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SCHEDULED SERVICING

Refer to the “Service And Warranty Handbook” for scheduled servicing.

ENGINE COMPARTMENT

3.6L Engine

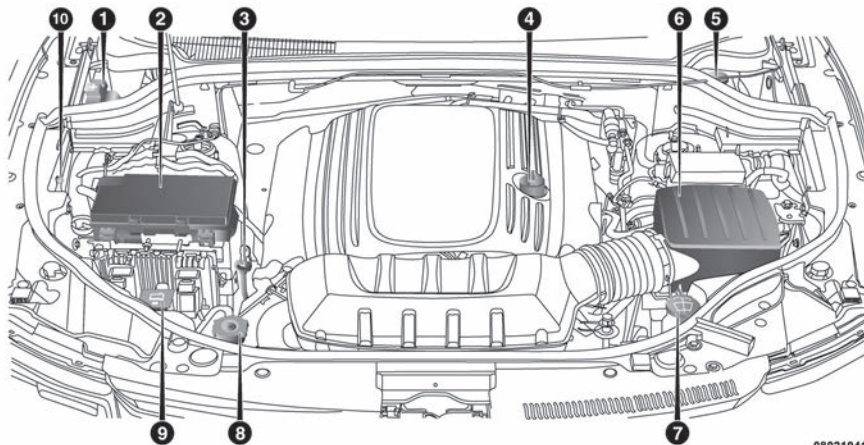


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- 1 — Remote Jump Start Positive Terminal
- 2 — Power Distribution Center (Fuses)
- 3 — Engine Oil Dipstick
- 4 — Engine Oil Fill
- 5 — Brake Fluid Reservoir

- 6 — Air Cleaner Filter
- 7 — Washer Fluid Reservoir
- 8 — Engine Oil Filter Access
- 9 — Engine Coolant Reservoir
- 10 — Remote Jump Start Negative Terminal

5.7L Engine

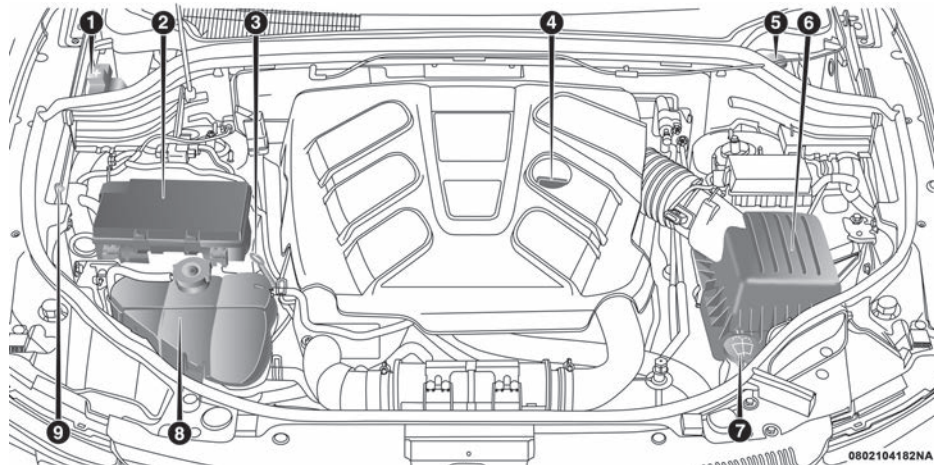


0802104183NA

- 1 — Remote Jump Start Positive Terminal
- 2 — Power Distribution Center (Fuses)
- 3 — Engine Oil Dipstick
- 4 — Engine Oil Fill
- 5 — Brake Fluid Reservoir

- 6 — Air Cleaner Filter
- 7 — Washer Fluid Reservoir
- 8 — Coolant Pressure Cap (Radiator)
- 9 — Engine Coolant Reservoir
- 10 — Remote Jump Start Negative Terminal

3.0L Diesel Engine



- 1 — Remote Jump Start Positive Terminal
- 2 — Power Distribution Center (Fuses)
- 3 — Engine Oil Dipstick
- 4 — Engine Oil Fill
- 5 — Brake Fluid Reservoir

- 6 — Air Cleaner Filter
- 7 — Washer Fluid Reservoir
- 8 — Coolant Pressure Reservoir
- 9 — Remote Jump Start Negative Terminal

Checking Oil Level — Gasoline Engine

To assure proper lubrication of your vehicle's engine, the engine oil must be maintained at the correct level. Check the oil level at regular intervals, such as every fuel stop. The best time to check the engine oil level is about five minutes after a fully warmed up engine is shut off.

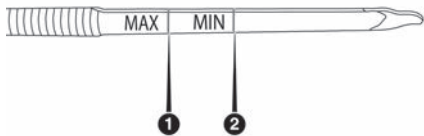
Checking the oil while the vehicle is on level ground will improve the accuracy of the oil level readings. Always maintain the oil level within the SAFE zone on the dipstick. Adding one quart of oil when the reading is at the bottom of the SAFE zone will result in a reading at the top of the safe zone on these engines.

CAUTION!

Overfilling or underfilling the crankcase will cause aeration or loss of oil pressure. This could damage your engine.

Checking Oil Level — 3.0 Diesel Engine

To assure proper lubrication of your vehicle's engine, the engine oil must be maintained at the correct level. Check the oil level at regular intervals. The best time to check the oil level is before starting the engine after it has been parked overnight. When checking oil after operating the engine, first ensure the engine is at full operating temperature, then wait for five minutes after engine shutdown to check the oil.



Oil Dipstick

- 1 — MAX Mark
- 2 — MIN Mark

Checking the oil while the vehicle is on level ground will improve the accuracy of the oil level readings. Add oil only when the level on the dipstick is below the "MIN" mark. The total capacity from the MIN mark to the MAX mark is 1 qt (1 L).

CAUTION!

Overfilling or underfilling the crankcase will cause oil aeration or loss of oil pressure. This could damage your engine.

NOTE:

It is possible for your oil level to be slightly higher than a previous check. This would be due to diesel fuel that may temporarily be in the crankcase due to operation of the diesel particulate filter regeneration strategy. This fuel will evaporate out under normal operation.

Never operate the engine with oil level below the "MIN" mark or above the upper "MAX" mark.

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 windshield will light on the vehicle graphic outline 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.

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. You will never have to add water, nor is periodic maintenance 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” in “In Case Of Emergency” for further information.
- 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.

(Continued)

WARNING! (Continued)

- 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.
- 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.

DEALER SERVICE

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**Change Engine Oil — Gasoline Engine**

Refer to the “Service and Warranty Handbook” for the proper maintenance intervals.

Change Engine Oil — Diesel Engine

Refer to the “Service and Warranty Handbook” for the proper maintenance intervals.

Gasoline Engine Oil Selection

For best performance and maximum protection under all types of operating conditions, the manufacturer only recommend engine oils that are API certified and meet the requirements of FCA Material Standard MS-6395, FCA 9.55535-CR1 or ACEA A1/B1.

Diesel Engine Oil Selection

For best performance and maximum protection under all types of operating conditions, the manufacturer recommends engine oils that meet the requirements of FCA Material Standard MS-10902, and that are ACEA E9/E7 or A3/B4 certified and meet the requirements of FCA LLC.

American Petroleum Institute (API) Engine Oil Identification Symbol



This symbol means that the oil has been certified by the American Petroleum Institute (API). The manufacturer only recommends API Certified engine oils.

This symbol certifies 0W-20, 5W-20,

0W-30, 5W-30 and 10W-30 engine oils.

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.

Engine Oil Viscosity (SAE Grade) — 3.6L Engine

Mopar SAE 0W-20 engine oil approved to FCA Material Standard MS-6395 such as Pennzoil, Shell Helix or equivalent is recommended for all operating temperatures. This engine oil improves low temperature starting and vehicle fuel economy.

The engine oil filler cap also shows the recommended engine oil viscosity for your engine. For information on engine oil filler cap location, refer to the “Engine Compartment” illustration in this section.

Lubricants which do not have both the engine oil certification mark and the correct SAE viscosity grade number should not be used.

Engine Oil Viscosity (SAE Grade) — 5.7L Engine

Mopar SAE 5W-20 engine oil approved to FCA Material Standard MS-6395 such as Pennzoil, Shell Helix or equivalent is recommended for all operating temperatures. This engine oil improves low temperature starting and vehicle fuel economy.

The engine oil filler cap also shows the recommended engine oil viscosity for your engine. For information on engine oil filler cap location, refer to the “Engine Compartment” illustration in this section.

NOTE:

Vehicles equipped with a 5.7L engine must use SAE 5W-20 oil. Failure to do so may result in improper operation of the Fuel Saver Technology. Refer to “Fuel Saver Technology – If Equipped” in “Starting And Operating” for further information.

Lubricants which do not have both the engine oil certification mark and the correct SAE viscosity grade number should not be used.

Engine Oil Viscosity (SAE Grade) — 3.0L Diesel Engine

CAUTION!

Your vehicle is equipped with an advanced technology Diesel Engine and an emission device designed to limit Diesel Particulate Emissions from being released into the atmosphere. The durability of your engine and life expectancy of this diesel particulate filter emission device is highly dependent on the use of the correct engine oil.

We recommend you use 5W-40 **synthetic** engine oil such as Mopar or Shell Rotella that meets FCA Material Standard MS-10902 and the ACEA E9/E7 or A3/B4 engine oil category is required.

Synthetic Engine Oils

You may use synthetic engine oils provided the recommended oil quality requirements are met, and the recommended maintenance intervals for oil and filter changes are followed.

Synthetic engine oils which do not have both the engine oil certification mark and the correct SAE viscosity grade number 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

This manufacturer's engines have a full-flow type disposable oil filter. Use a filter of this type for replacement. The quality of replacement filters varies considerably. Only high quality filters should be used to assure most efficient service. Mopar engine oil filters are high quality oil filters and are recommended.

Engine Air Cleaner Filter

Refer to the "Service and Warranty Handbook" for the proper maintenance intervals.

NOTE:

Be sure to follow the "Severe Duty Conditions" maintenance interval if applicable.

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

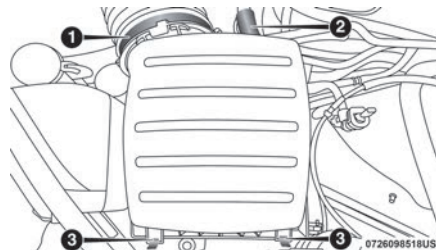
The quality of replacement engine air cleaner filters varies considerably. Only high quality filters should be used to assure most efficient service. Mopar engine air cleaner filters are a high quality filter and are recommended.

Air Cleaner Filter Inspection and Replacement — Gasoline Engine

Inspect engine air cleaner filter for dirt and or debris, if you find evidence of either dirt or debris you should change your air cleaner filter.

Engine Air Cleaner Filter Removal

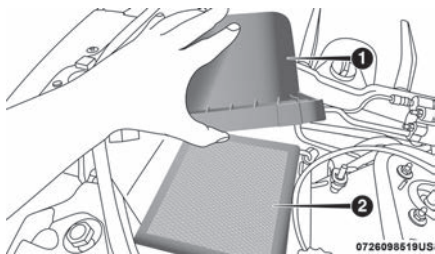
1. Release the spring clips from the air cleaner cover.



Air Cleaner Filter Cover

- 1 — Clean Air Hose Clamp
- 2 — Air Hose
- 3 — Spring Clips

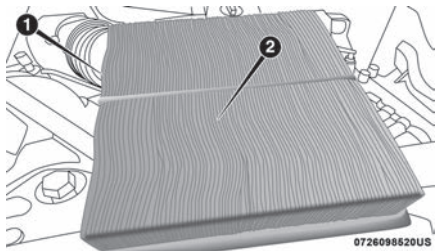
2. Lift the air cleaner cover to access the air cleaner filter.



Open Air Cleaner Filter Assembly

- 1 — Air Cleaner Cover
2 — Air Cleaner Filter

3. Remove the air cleaner filter element from the housing assembly.



Air Cleaner Filter

- 1 — Air Cleaner Filter
2 — Air Cleaner Filter Inspection Surface

Engine Air Cleaner Filter Installation

NOTE:

Inspect and clean the housing if dirt or debris is present before replacing the air filter element.

1. Install the air cleaner filter element into the housing assembly with the air cleaner filter inspection surface facing downward.
2. Install the air cleaner cover onto the housing assembly locating tabs.
3. Latch the spring clips and lock the air cleaner cover to the housing assembly.

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.
- 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 — If Equipped

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 PAG compressor oil and refrigerants.

Refrigerant Recovery And Recycling — R-1234yf

R-1234yf Air Conditioning Refrigerant is a hydrofluoroolefin (HFO) that is endorsed by the Environmental Protection Agency and is an ozone-friendly substance with a low global-warming potential. The manufacturer recommends that air conditioning service be performed by an authorized dealer using recovery and recycling equipment.

NOTE:

Use only manufacturer approved A/C system PAG compressor oil, and refrigerants.

Air Conditioning Filter Replacement (A/C Air Filter)

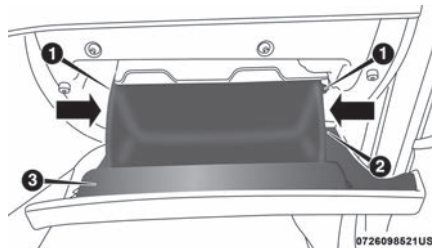
Refer to the “Service and Warranty Handbook” for the proper maintenance intervals.

WARNING!

Do not remove the cabin air filter while the vehicle is running, or while the ignition is in the ACC or ON/RUN mode. With the cabin air filter removed and the blower operating, the blower can contact hands and may propel dirt and debris into your eyes, resulting in personal injury.

The A/C 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.



Glove Compartment

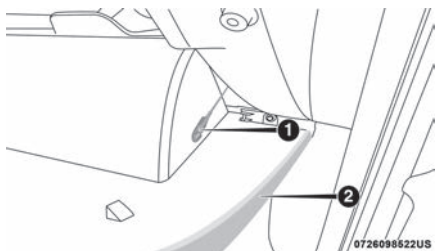
- 1 — Glove Compartment Travel Stops
- 2 — Glove Compartment Tension Tether
- 3 — Glove Compartment Door

2. There are glove compartment travel stops on both sides of the glove compartment door, partially close the glove compartment door and push inward to release the glove compartment travel stop on one side and repeat this procedure for the opposite side.
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.

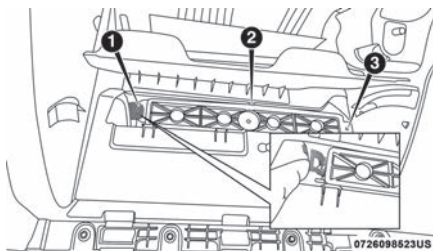
4. With the glove compartment door loose, remove the glove compartment tension tether and tether clip by sliding the clip toward the face of the glove compartment door and lifting the clip out of glove compartment door.



Right Side Of Glove Compartment

- 1 — Glove Compartment Tension Tether
2 — Glove Compartment Door

5. Remove the filter cover by disengaging the retaining tab and mid way snap that secures the filter cover to the HVAC housing. Disengage the mid way snap by pulling the door outward. Unhinge the filter cover on the right side to fully remove the cover.



A/C Air Filter Cover

- 1 — Retaining Tab
2 — Mid Way Snap
3 — Filter Cover Hinge

6. Remove the A/C air filter by pulling it straight out of the housing.
7. Install the A/C air filter with the arrow on the filter pointing toward the floor. When installing the filter cover, make sure the retaining tabs fully engage the cover.

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.

8. Reinstall the glove compartment door on the door hinge and reattach the tension tether by inserting the tether clip in the glove compartment and sliding the clip away from the face of the glove compartment door.
9. Push the door to the near closed position to reengage the glove compartment travel stops.

NOTE:

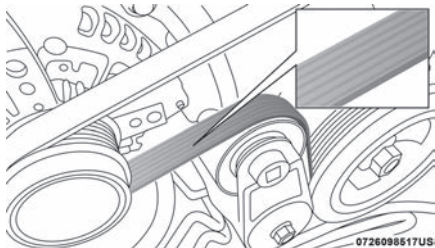
Ensure the glove compartment door hinges and glove compartment travel stops are fully engaged.

Accessory Drive Belt Inspection

WARNING!

- Do not attempt to inspect an accessory drive belt with 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 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 (note: 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.

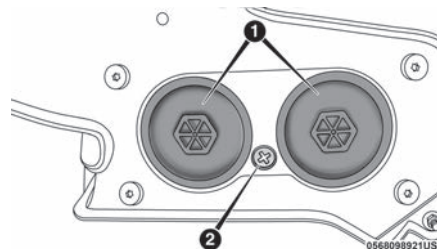
Draining Fuel/Water Separator Filter — Diesel Engine

The fuel filter/water separator housing is located on the left side of the vehicle in front of the fuel tank. The best access to this water drain valve is from under the vehicle.

CAUTION!

- Do not drain the fuel/water separator filter when the engine is running.
- Diesel fuel will damage blacktop paving surfaces. Drain the filter into an appropriate container.

If water is detected in the water separator while the engine is running, or while the ignition switch is in the ON position, the “Water In Fuel Indicator Light” will illuminate and an audible chime will be heard. At this point you should stop the engine and drain the water from the filter housing.



Fuel Filter Assembly

- 1 — Fuel Filter Access
- 2 — Water In Fuel Drain

Within 10 minutes of vehicle shutdown, turn the filter drain valve (located on the bottom of the filter housing) counterclockwise to drain fuel/water; allow the accumulated water to drain. Leave the drain valve open until all water and contaminants have been removed. When clear fuel is visible, close the drain valve by turning it clockwise.

Upon proper draining of the water from fuel filter assembly, the “Water In Fuel Indicator Light” will remain illuminated for approximately 10 seconds. If the water was drained while the engine was running, the “Water In Fuel Indicator Light” may remain on for approximately three minutes.

NOTE:

Care should be taken in disposing of used fluids from your vehicle. Used fluids, indiscriminately discarded, can present a problem to the environment. Contact an authorized dealer, service station, or government agency for advice on recycling programs and for where used fluids and filters can be properly disposed of in your area.

If more than two ounces or 60 milliliters of fuel have been drained, follow the directions for "Priming If The Engine Has Run Out Of Fuel."

Underbody Mounted Fuel Filter Replacement — Diesel Engine

NOTE:

Using a fuel filter that does not meet the manufacturer's filtration and water separating requirements can severely impact fuel system life and reliability.

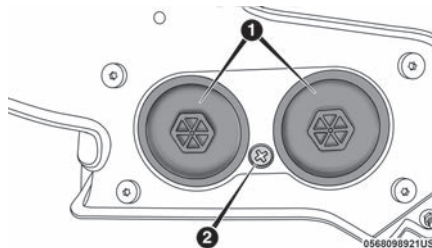
CAUTION!

- Diesel fuel will damage blacktop paving surfaces. Drain the filter into an appropriate container.

(Continued)

CAUTION! (Continued)

- Do not prefill the fuel filter when installing a new fuel filter. There is a possibility debris could be introduced into the fuel filter during this action. It is best to install the filter dry and allow the in-tank lift pump to prime the fuel system.



Fuel Filter Assembly

1 — Fuel Filter Access

2 — Water In Fuel Drain

1. Ensure engine is turned off.
2. Place drain pan under the fuel filter assembly.
3. Open the water drain valve, and let any accumulated water and fuel drain.
4. Close the water drain valve.

5. Wipe clean the underside of the filter housing to prevent contamination from entering fuel system during service.
6. Remove using a socket. Rotate counter-clockwise for removal.
7. Remove the used filter cartridge from the housing and dispose of according to your local regulations.
8. Wipe clean the sealing surfaces of the lid and housing.

CAUTION!

Take care when handling the new fuel filter to prevent contamination from entering the fuel system.

9. Lubricate o-ring on new filter with clean engine oil.
10. Install the cartridge into the housing with clockwise rotation, use a socket to tighten.
11. Repeat steps 5 through 10 to service second fuel filter in assembly.
12. After engine start, verify the filters do not leak.

Priming If The Engine Has Run Out Of Fuel — Diesel Engine

WARNING!

Do not open the high pressure fuel system with the engine running. Engine operation causes high fuel pressure. High pressure fuel spray can cause serious injury or death.

1. Add a substantial amount of fuel to the tank, approximately 2 to 5 gal (8L to 19L).
2. Press ignition switch twice without your foot on brake to put vehicle in Run position. This will activate the in tank fuel pump for approximately 30 seconds. Repeat this process twice.
3. Start the engine using the "Normal Starting" procedure. Refer to "Starting The Engine" in "Starting and Operating" for further information.

CAUTION!

The starter motor will engage for approximately 30 seconds at a time. Allow two minutes between cranking intervals.

NOTE:

The engine may run rough until the air is forced from all the fuel lines.

WARNING!

Do not use alcohol or gasoline as a fuel blending agent. They can be unstable under certain conditions and be hazardous or explosive when mixed with diesel fuel.

CAUTION!

Due to lack of lubricants in alcohol or gasoline, the use of these fuels can cause damage to the fuel system.

NOTE:

- Use of biodiesel mixture in excess of 20% can negatively impact the fuel filter's ability to separate water from the fuel, resulting in high pressure fuel system corrosion or damage.
- In addition, commercially available fuel additives are not necessary for the proper operation of your diesel engine.
- For extreme cold conditions, "Mopar Premium Diesel Fuel Treatment" is recommended to assist with cold starting.

Intervention Regeneration Strategy — Message Process Flow (Diesel Engine)

This engine meets all required diesel engine emissions standards. To achieve these emissions standards, your vehicle is equipped with a state-of-the-art engine and exhaust system. These systems are seamlessly integrated into your vehicle and managed by the Powertrain Control Module (PCM). The PCM manages engine combustion to allow the exhaust system's catalyst to trap and burn Particulate Matter (PM) pollutants, with no input or interaction on your part.

Additionally, your vehicle has the ability to alert you to additional maintenance required on your vehicle or engine.

Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" for further information.

WARNING!

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.

AdBlue (UREA) — If Equipped

Adblue (UREA) sometimes known simply by the name of its active component, UREA—is a key component of selective catalytic reduction (SCR) systems, which help diesel vehicles meet stringent emission regulations. AdBlue (UREA) is a liquid reducing agent that reacts with engine exhaust in the presence of a catalyst to convert smog-forming nitrogen oxides (NOx) into harmless nitrogen and water vapor.

Refer to “Fluids And Lubricants” in “Technical Specifications” for further information.

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 assure 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 Fall 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

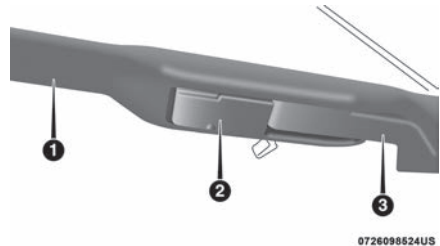
If a wiper blade or wiper arm is damaged, replace the affected wiper arm or blade with a new unit. Do not attempt to repair a wiper arm or blade that is damaged.

Front Wiper Blade Removal/Installation

CAUTION!

Do not allow the wiper arm to spring back against the glass without the wiper blade in place or the glass may be damaged.

1. Lift the wiper arm to raise the wiper blade off of the glass, until the wiper arm is in the full up position.



Wiper Blade With Release Tab In Locked Position

- 1 — Wiper
- 2 — Release Tab
- 3 — Wiper Arm

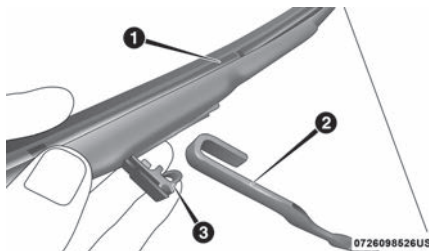
- To disengage the wiper blade from the wiper arm, flip up the release tab on the wiper blade and while holding the wiper arm with one hand, slide the wiper blade down towards the base of the wiper arm.



Wiper Blade With Release Tab In Unlocked Position

- 1 — Wiper Blade
- 2 — Release Tab
- 3 — Wiper Arm

- With the wiper blade disengaged, remove the wiper blade from the wiper arm by holding the wiper arm with one hand and separating the wiper blade from the wiper arm (move the wiper blade toward the right side of the vehicle to separate the wiper blade from the wiper arm).



Wiper Blade Removed From Wiper Arm

- 1 — Wiper Blade
- 2 — Wiper Arm
- 3 — Release Tab

- Gently lower the wiper arm onto the glass.
- Installing The Front Wipers**

- Lift the wiper arm off of the glass, until the wiper arm is in the full up position.
- Position the wiper blade near the hook on the tip of the wiper arm with the wiper release tab open and the blade side of the wiper facing up and away from the windshield.
- Insert the hook on the tip of the arm through the opening in the wiper blade under the release tab.
- Slide the wiper blade up into the hook on the wiper arm and rotate the wiper blade until it is flush against the wiper arm. Fold down the

latch release tab and snap it into its locked position. Latch engagement will be accompanied by an audible click.

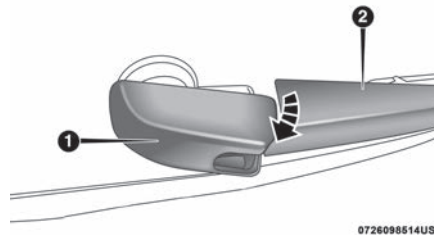
- Gently lower the wiper blade onto the glass.

Rear Wiper Blade Removal/Installation

- Lift the rear wiper arm pivot cap away from the glass to allow the rear wiper blade to be raised off of the glass.

NOTE:

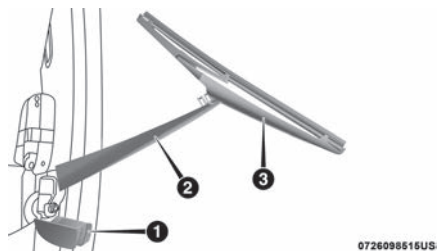
The rear wiper arm cannot be fully raised off the glass unless the wiper arm pivot cap is un-snapped first. Attempting to fully raise the rear wiper arm without un-snapping the wiper arm pivot cap may damage the vehicle.



Wiper Pivot Cap In Unlocked Position

- 1 — Wiper Arm Pivot Cap
- 2 — Wiper Arm

2. Lift the rear wiper arm fully off the glass.



Wiper Blade In Folded Out Position

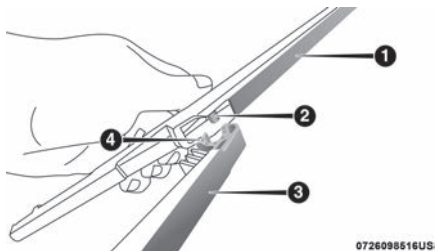
- 1 — Wiper Arm Pivot Cap
- 2 — Wiper Arm
- 3 — Wiper Blade

3. To remove the wiper blade from the wiper arm, grasp the bottom end of the wiper blade nearest to wiper arm with your right hand. With your left 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 pin from the receptacle on the end of the wiper arm.

NOTE:

Resistance will be accompanied by an audible snap.

4. Still grasping 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 Blade
- 2 — Wiper Blade Pivot Pin
- 3 — Wiper Arm
- 4 — Wiper Arm Receptacle

5. Gently lower the tip of the wiper arm onto the glass.

Installing The Rear Wiper

1. Lift the rear wiper arm pivot cap away from the glass to allow the rear wiper blade to be raised off of the glass.

NOTE:

The rear wiper arm cannot be fully raised off the glass unless the wiper arm pivot cap is un-snapped first. Attempting to fully raise the rear wiper arm without un-snapping the wiper arm pivot cap may damage the vehicle.

2. Lift the rear wiper arm fully off the glass.

3. 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.

4. Lower the wiper blade onto the glass and snap the wiper arm pivot cap back into place.

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 the 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 change. 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, refer to “Safety Tips” in “Safety” for further information.
- 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.

(Continued)

CAUTION! (Continued)

- 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 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 assure 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 when 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.

(Continued)

WARNING! (Continued)

- When working near the radiator cooling fan, disconnect the fan motor lead or turn the ignition to the OFF mode. The fan is temperature controlled and can start at any time the ignition is in the ON mode.

Engine Coolant Checks

Check the engine coolant (antifreeze) protection every 12 months (before the onset of freezing weather, where applicable). If the engine coolant (antifreeze) is dirty, the system should be drained, flushed, and refilled with fresh 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 OAT coolant (antifreeze) (conforming to MS.90032).

Refer to the “Service And Warranty Handbook” for the proper maintenance intervals.

Selection Of Coolant

Refer to “Fluids And Lubricants” in “Technical Specifications” for further information.

NOTE:

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology (OAT) engine coolant (antifreeze), may result in engine damage and may decrease corrosion protection. Organic Additive Technology (OAT) engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant (antifreeze) or any “globally compatible” coolant (antifreeze). If a non-OAT engine coolant (antifreeze) 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 (antifreeze) 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 (antifreeze). Use of propylene glycolbased engine coolant (antifreeze) 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 ten years or 150,000 miles (240,000 km) before replacement. To prevent reducing this extended maintenance period, it is important that you 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 (antifreeze) that meets the requirements of FCA Material Standard MS.90032. When adding engine coolant (antifreeze):

- We recommend using Mopar Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT (Organic Additive Technology) that meets the requirements of FCA Material Standard MS.90032.
- Mix a minimum solution of 50% OAT engine coolant that meets the requirements of FCA 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 (antifreeze) 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.
- 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 (antifreeze) 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 (antifreeze) will return to the radiator from the coolant expansion bottle/recovery tank if so equipped.

The cap should be inspected and cleaned if there is any accumulation of foreign material on the sealing surfaces.

WARNING!

- Do not open 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.

WARNING! (Continued)

- 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. If ingested by a child or pet, seek emergency assistance immediately. Clean up any ground spills 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 (antifreeze) 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.

(Continued)

When additional engine coolant (antifreeze) is needed to maintain the proper level, only OAT coolant that meets the requirements of FCA Material Standard MS.90032 should be added to the coolant bottle. Do not overfill.

Points To Remember

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 (antifreeze) needs to be added, the contents of the coolant expansion bottle must also be protected against freezing.
- If frequent engine coolant (antifreeze) additions are required, the cooling system should be pressure tested for leaks.
- Maintain engine coolant (antifreeze) 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 coolant (antifreeze) performance, poor gas mileage, and increased emissions.

Brake System

In order to assure brake system performance, all brake system components should be inspected periodically. Refer to the “Service and Warranty Handbook” 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.

Refer to “Fluids And Lubricants” in “Technical Specifications” for further information.

WARNING!

- Use only manufacturer’s recommended brake fluid. Refer to “Fluids And Lubricants” in “Technical Specifications” for further information. 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.

(Continued)

WARNING! (Continued)

- 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 a 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.
- 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**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. Refer to "Fluids And Lubricants" in "Technical Specifications" for fluid specifications. 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. Refer to "Fluids And Lubricants" in "Technical Specifications" for fluid specifications.

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.

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. Refer to “Fluids And Lubricants” in “Technical Specifications” for further information.

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 lbs (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 lbs (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. Refer to “Fluids And Lubricants” in “Technical Specifications” for further information.

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. Refer to “Fluids And Lubricants” in “Technical Specifications” for further information.

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 lbs (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. Refer to “Fluids And Lubricants” in “Technical Specifications” for further information.

RAISING THE VEHICLE

In the case where it is necessary to raise the vehicle, go to an authorized dealer or service station.

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 and Vehicle Stability
- Economy
- Tread Wear
- Ride Comfort

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.
- 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 under-inflation and over-inflation 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. Over-inflation 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 judgement 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 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 ¼ 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 driving with underinflated tire condition, please replace the TPM sensor as it is not designed to be reused when driven under run flat mode (14 psi (96 kPa)) condition.

NOTE:

TPM 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.

See the tire pressure monitoring section for more information.

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.

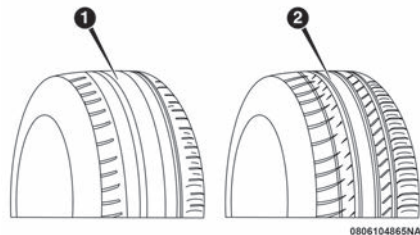
Refer to "Freeing A Stuck Vehicle" in "In Case Of Emergency" for further information.

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 — Worn Tire
- 2 — New Tire

These indicators are molded into the bottom of the tread grooves. They will appear as bands when the tread depth becomes a 1/16 of an inch (1.6 mm). When the tread is worn to the tread wear indicators, the tire should be replaced.

Refer to "Replacement Tires" in this section for further information.

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 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 dismantled 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 that you use tires equivalent to the originals in size, quality and performance when replacement is needed. Refer to the paragraph on "Tread Wear Indicators" in this section. 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, Fall, 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.

Refer to the “Towing Requirements - Tires” in “Starting And Operating” for restrictions when towing with a spare tire designated for temporary emergency use.

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.

When cleaning extremely dirty wheels including excessive brake dust, care must be taken in the selection of tire and wheel cleaning chemicals and equipment to prevent damage to the wheels. Mopar Wheel Treatment or Mopar Chrome Cleaner or their equivalent is recommended or select a non-abrasive, non-acidic cleaner for aluminum or chrome wheels.

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.

Dark Vapor Chrome, Black Satin Chrome, or Low Gloss Clear Coat Wheels

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 Chains (Traction Devices)

Use of traction devices require sufficient tire-to-body clearance. Follow these recommendations to guard against damage.

- Traction device must be of proper size for the tire, as recommended by the traction device manufacturer.
- Install on Rear Tires Only
- Due to limited clearance, use reduced size snow chains or traction devices with a maximum projection of 12 mm beyond the tire profile on 265/60R18 and 265/50R20 tires.

WARNING!

Using tires of different size and type (M+S, Snow) between front and rear axles can cause unpredictable handling. You could lose control and have a collision.

CAUTION!

To avoid damage to your vehicle or tires, observe the following precautions:

- Because of restricted traction device clearance between tires and other suspension components, it is important that only traction devices in good condition are used. Broken devices can cause serious damage. Stop the vehicle immediately if noise occurs that could indicate device breakage. Remove the damaged parts of the device before further use.
- Install device as tightly as possible and then retighten after driving about ½ mile (0.8 km).
- Do not exceed 30 mph (48 km/h).
- Drive cautiously and avoid severe turns and large bumps, especially with a loaded vehicle.
- Do not drive for a prolonged period on dry pavement.

(Continued)

CAUTION! (Continued)

- Observe the traction device manufacturer's instructions on the method of installation, operating speed, and conditions for use. Always use the suggested operating speed of the device manufacturer's if it is less than 30 mph (48 km/h).
- Do not use traction devices on a compact spare tire.

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.

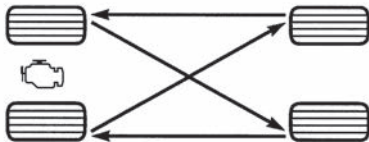
These effects can be reduced by timely rotation of tires. The benefits of rotation are especially worthwhile with aggressive tread designs such as those on On/Off-Road type tires. Rotation will increase tread life, help to maintain mud, snow, and wet traction levels, and contribute to a smooth, quiet ride.

Refer to the "Service and Warranty Handbook" 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 Monitor 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

STORING THE VEHICLE

If you are storing your vehicle for more than 21 days, we recommend that you take the following steps to minimize the drain on your vehicle's battery:

- Disconnect the negative cable from battery.
- Any time 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 clear 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. Take care never to 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. The cost of such repairs is considered the responsibility of the owner.
- 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. The cost of such repairs is considered the responsibility of the owner.

- 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 belt could rip apart in a collision and leave you with no protection. Inspect the belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system. Seat belt assemblies must be replaced after a collision if they have been damaged (i.e., bent retractor, torn webbing, etc.).

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.

(Continued)

CAUTION! (Continued)

- 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.

1. 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.
2. Dry with a soft cloth.

Leather Parts

Mopar Total Clean is specifically recommended for leather upholstery.

Your 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. Application of a leather conditioner is not required to maintain the original condition.

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 FCA 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 rear view mirror, spray cleaner on the towel or cloth that you are using. Do not spray cleaner directly on the mirror.

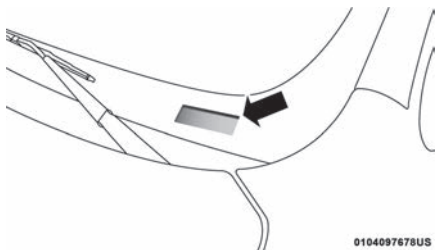
TECHNICAL SPECIFICATIONS

• IDENTIFICATION DATA300
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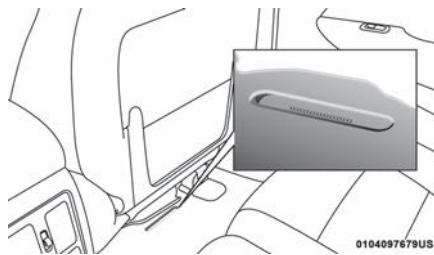
IDENTIFICATION DATA

Vehicle Identification Number

The Vehicle Identification Number (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. This number also is stamped on the right front floor, behind the right front seat. Move the right front seat forward to allow better viewing of the stamped VIN. This number also appears on the Automobile Information Disclosure Label affixed to a window on your vehicle. Save this label for a convenient record of your vehicle identification number and optional equipment.



Windshield VIN Label Location



Right Front Body VIN 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 loses 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 (i.e., repeated brake applications with the engine OFF) 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

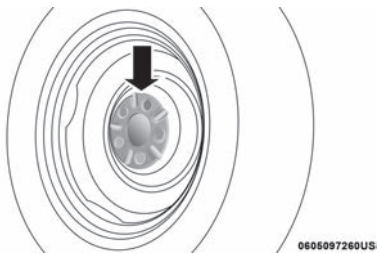
Proper lug nut/bolt torque is very important to ensure that the wheel is properly mounted to the vehicle. Any time a wheel has been removed and reinstalled on the vehicle, the lug nuts/bolts should be torqued using a properly calibrated torque wrench using a high quality six sided (hex) deep wall socket.

Torque Specifications

Lug Nut/ Bolt Torque	**Lug Nut/ Bolt Size	Lug Nut/ Bolt Socket Size
130 Ft-Lbs (176 N-m)	M14 x 1.50	22 mm

**Use only your 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.



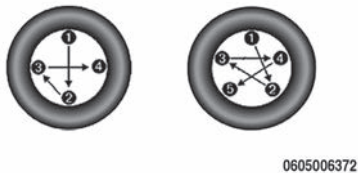
Wheel Mounting Surface

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 your 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 seated against the wheel.



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 — GASOLINE ENGINE

3.6L Engine

Do not use E-85 flex fuel or ethanol blends greater than 15% in this engine.

These engines are designed to meet all emissions regulations and provide excellent fuel economy and performance when using high-quality unleaded gasoline with a minimum Research Octane Number (RON) of 91

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.

5.7L Engine

Do not use E-85 flex fuel or ethanol blends greater than 15% in this engine.

These engines are designed to meet all emissions regulations and provide satisfactory fuel economy and performance when using high-quality unleaded gasoline having an Research Octane Number (RON) of 91 to 95. The manufacturer recommends the use of a 95 Research Octane Number for optimum performance.

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. 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.

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.

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 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.

MMT In Gasoline

Methylcyclopentadienyl Manganese Tricarbonyl (MMT) is a manganese containing metallic additive that is blended into some gasoline 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 your gasoline retailer whether or not the gasoline contains MMT.

Carbon Monoxide Warnings

WARNING!

Carbon monoxide (CO) in exhaust gases is deadly. Follow the precautions below 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 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.

FUEL REQUIREMENTS – DIESEL ENGINE

Use good quality diesel fuel from a reputable supplier. If the outside temperature is very low, the diesel fuel thickens due to the formation of paraffin clots with consequent defective operation of the fuel supply system. In order to avoid

these problems different types of fuel are distributed according to the season: summer type, winter type and arctic type (cold/mountain areas). **This vehicle must only use premium diesel fuel that meets the requirements of EN 590. Biodiesel blends up to 7% that meet EN 590 may also be used.**

WARNING!

Do not use alcohol or gasoline as a fuel blending agent. They can be unstable under certain conditions and hazardous or explosive when mixed with diesel fuel.

Diesel fuel is seldom completely free of water. To prevent fuel system trouble, drain the accumulated water from the fuel/water separator using the fuel/water separator drain provided on the fuel filter housing. If you buy good quality fuel and follow the cold weather advice above, fuel conditioners should not be required in your vehicle. If available in your area, a high cetane "premium" diesel fuel may offer improved cold-starting and warm-up performance.

CAUTION!

If the "Water in Fuel Indicator Light" remains on, DO NOT START engine before you drain the water from the fuel filter(s) to avoid engine damage. Refer to "Draining Fuel/Water Separator Filter" in "Servicing And Maintenance" for further information.

VEHICLE SPECIFICATIONS

Engine	3.6L	5.7L	3.0L Diesel
Power	148 kW @ 5,100 RPM	240 kW @ 5,000 RPM	Consult your Salesperson
Torque	315 N.m @ 3,900 RPM	500 N.m @ 4,000 RPM	Consult your Salesperson
Maximum Vehicle Speed	Consult your Salesperson	Consult your Salesperson	Consult your Salesperson

NOTE:

A chime will sound if the vehicle speed exceeds 75 mph (120 km/h). It will continue to chime until the vehicle speed is reduced below 75 mph (120 km/h).

FLUID CAPACITIES

	U.S.	Metric
Fuel (Approximate)		
All Engines	24.6 Gallons	93.1 Liters
AdBlue Fluid Tank	8 Gallons	30.3 Liters
Engine Oil with Filter		
3.6L Engine (SAE 0W-20, API Certified)	6 Quarts	5.6 Liters
5.7L Engine (SAE 5W-20, API Certified)	7 Quarts	6.6 Liters
3.0L Diesel Engine (SAE 5W-40 Synthetic, ACEA A3/B4 or API CJ-4/SM)	8 Quarts	7.7 Liters
Cooling System *		
3.6L Engine (Mopar Engine Coolant/Antifreeze 10-Year/150,000 Mile Formula)	10.4 Quarts	9.9 Liters
5.7 Liter Engine (Mopar Engine Coolant/Antifreeze 10-Year/150,000 Mile Formula) – Without Trailer Tow Package	15.4 Quarts	14.6 Liters
5.7 Liter Engine (Mopar Engine Coolant/Antifreeze 10-Year/150,000 Mile Formula) – With Trailer Tow Package	16 Quarts	15.2 Liters
3.0L Diesel Engine (Mopar Engine Coolant/Antifreeze 10-Year/150,000 Mile Formula)	12 Quarts	11.4 Liters
* Includes heater and coolant recovery bottle filled to MAX level.		

FLUIDS AND LUBRICANTS

Engine

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	We recommend you use Mopar Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology).
Engine Oil – 3.6L Gasoline Engine	We recommend you use API Certified SAE 0W-20 engine oil, such as Mopar, Pennzoil, Shell Helix or equivalent meeting the requirements of FCA Material Standard MS-6395 or FCA 9.55535-CR1. Refer to your engine oil filler cap for the correct SAE grade.
Engine Oil – 5.7L Gasoline Engine	We recommend you use API Certified SAE 5W-20 engine oil, such as Mopar, Pennzoil, Shell Helix or equivalent meeting the requirements of FCA Material Standard MS-6395 or FCA 9.55535-CR1. Refer to your engine oil filler cap for the correct SAE grade. SAE 5W-30 engine oil approved to FCA MS-6395 or FCA 9.55535-CR1 such as Pennzoil or Shell Helix may be used when SAE 5W-20 engine oil is not available.
Engine Oil – 3.0L Diesel Engine	We recommend you use 5W-40 synthetic engine oil such as Mopar or Shell Rotella that meets FCA Material Standard MS-10902 or FCA 9.55535-D3, and the ACEA A3/B4 or API CJ-4/SM engine oil category is required.
Engine Oil Filter	We recommend you use Mopar Engine Oil Filter.
Spark Plugs	We recommend you use Mopar Spark Plugs.
Fuel Selection – 3.6L Gasoline Engine	Minimum 91 Research Octane Rating (RON)
Fuel Selection – 5.7L Gasoline Engine	Minimum 91 Research Octane Rating (RON) Acceptable - 95 Research Octane Rating (RON) Recommended
Fuel Selection – 3.0L Diesel Engine	50 Cetane or higher (Less than 10 ppm Sulfur)
AdBlue	Mopar Diesel Exhaust Fluid (API Certified) (DEF) or equivalent that has been API Certified to the ISO 22241 standard. Use of fluids not API Certified to ISO 22241 may result in system damage.

Chassis

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 – Single-Speed (Quadra-Trac I)	We recommend you use Automatic Transmission Fluid 3353.
Transfer Case – Two-Speed (Quadra-Trac II)	We recommend you use Mopar ATF+4 Automatic Transmission Fluid.
Axle Differential (Front)	We recommend you use Mopar GL-5 Synthetic Axle Lubricant SAE 75W-85.
Axle Differential (Rear) – With Electronic Limited-Slip Differential (ELSD)	We recommend you use Mopar GL-5 Synthetic Axle Lubricant SAE 75W-85 with friction modifier.
Axle Differential (Rear) – Without Electronic Limited-Slip Differential (ELSD)	We recommend you use Mopar GL-5 Synthetic Axle Lubricant SAE 75W-85.
Brake Master Cylinder	We recommend you use Mopar DOT 3 Brake Fluid, SAE J1703 should be used. If DOT 3, SAE J1703 brake fluid is not available, then DOT 4 is acceptable. DOT 4 Brake fluid must be replaced every 24 months regardless of mileage.

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UCONNECT SYSTEMS

For detailed information about your Uconnect system, refer to your Uconnect Owner's Manual Supplement.

NOTE:

Uconnect screen images are for illustration purposes only and may not reflect exact software for your vehicle.

DRAG & DROP MENU BAR


The Uconnect features and services in the main menu bar are easily changed for your convenience. Simply follow these steps:



Uconnect 4 Apps Menu



Uconnect 4C/4C NAV Apps Menu

1. Press the "Apps"  button to open the App screen.
2. Press and hold, then drag the selected App to replace an existing shortcut in the main menu bar.

The new shortcut will now be an active App/shortcut on the main menu bar.

CYBERSECURITY

Your vehicle may be a connected vehicle and may be equipped with both wired and wireless networks. These networks allow your vehicle to send and receive information. 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 US LLC, working with its suppliers, evaluates and takes appropriate steps as needed. Similar to a computer or other devices, your vehicle may require software updates to improve the usability and performance of your systems or to reduce the potential risk of unauthorized and unlawful access to your vehicle systems.

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!

- 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.

(Continued)

WARNING! (Continued)

- ONLY insert media (e.g., USB, SD card, or CD) into your vehicle if it came from a trusted source. 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, take your vehicle to your nearest authorized dealer immediately.

NOTE:

- FCA US LLC or your dealer may contact you directly regarding software updates.
- To help further improve vehicle security and minimize the potential risk of a security breach, vehicle owners should:
 - Routinely check www.driveuconnect.com/support/software-update.html to learn about available Uconnect software updates.
- Only connect and use trusted media devices (e.g. personal mobile phones, USBs, CDs).

Privacy of any wireless and wired communications cannot be assured. Third parties may unlawfully intercept information and private communications without your consent. For further information, refer to “Onboard Diagnostic System (OBD II) Cybersecurity” in “Getting To Know Your Instrument Panel”.

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 that allow you to access and change the customer programmable features. Many features can vary by vehicle.



Uconnect 4 Buttons On Touchscreen And Buttons On Faceplate

- 1 — Uconnect Buttons On The Touchscreen
2 — Uconnect Buttons On The Faceplate



Uconnect 4C/4C NAV Buttons On Faceplate And Buttons On Touchscreen

- 1 — Uconnect Buttons On The Touchscreen
2 — Uconnect Buttons On The Faceplate

Customer Programmable Features — Uconnect 4 Settings

Press the “Apps” button, then press the “Settings” button on the touchscreen to display the menu setting screen. In this mode the Uconnect system allows you to access programmable features that may be equipped such as Display, Units, Voice, Clock, Safety & Driving Assistance, Lights, Doors & Locks, Auto-On Comfort, Engine Off Options, Compass, Audio, Phone/Bluetooth, Suspension, Radio Setup, Restore Settings, Clear Personal Data, and System Information.

NOTE:

Only one touchscreen area may be selected at a time.

When making a selection, press the button on the touchscreen to enter the desired mode. Once in the desired mode, press and release the preferred setting and make your selection. Once the setting is complete, either press the Back Arrow/Done button on the touchscreen or the Back button on the faceplate to return to the previous menu or press the "X" button on the touchscreen to close out of the settings screen. Pressing the "Up" or "Down" Arrow buttons on the right side of the screen will allow you to toggle up or down through the available settings.

NOTE:

All settings should be changed with the ignition in the RUN position.

Display

After pressing the "Display" button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Display Mode	Manual	Auto
Display Brightness With Headlights On	-	+
<p>NOTE: To make changes to the "Display Brightness With Headlights ON" setting, the headlights must be on and the interior dimmer switch must not be in the "party" or "parade" positions.</p>		
Display Brightness With Headlights Off	-	+
<p>NOTE: To make changes to the "Display Brightness With Headlights OFF" setting, the headlights must be off and the interior dimmer switch must not be in the "party" or "parade" positions.</p>		
Touchscreen Beep	On	Off

Units

After pressing the “Units” button on the touch-screen, the following settings will be available:

Setting Name	Selectable Options		
Units	US	Metric	Custom

NOTE:
The “Custom” option allows you to set the “Speed” (MPH, or km/h), “Distance” (mi, or km), “Fuel Consumption” [MPG (US), MPG (UK), L/100 km, or km/L], “Pressure” (psi, kPa, or bar), and “Temperature” (°C, or °F) units of measure independently.

Voice

After pressing the “Voice” button on the touch-screen, the following settings will be available:

Setting Name	Selectable Options		
Voice Response Length	Brief	Detailed	
Show Command List	Never	With Help	Always

Clock & Date

After pressing the “Clock & Date” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Set Time and Format	12 hour	24 hour
	AM	PM
NOTE: Within the “Set Time and Format” setting, press the corresponding arrow buttons on the touchscreen to adjust to the correct time.		
Set Date — If Equipped	Up Arrow	Down Arrow
NOTE: Within the “Set Date” setting, press the corresponding arrow buttons on the touchscreen to adjust to the correct date.		

Safety/Assistance

After pressing the “Safety/Assistance” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options		
ParkSense — If Equipped	Sound Only	Sound & Display	
NOTE: The ParkSense system scans for objects behind the vehicle when the transmission gear selector is in REVERSE and the vehicle speed is less than 7 mph (11 km/h). It provides an alert (audible and/or visual) to indicate the proximity to other objects. The system can be enabled with Sound Only, or Sound & Display. To change the ParkSense status, press and release the “Sound Only” or “Sounds & Display” button.			
Front ParkSense Volume	Low	Med	High
Rear ParkSense Volume	Low	Med	High
NOTE: The Rear ParkSense Volume settings can be selected from the instrument cluster display. The chime volume settings include LOW, MED, and HIGH. The factory default volume setting is MED. To make your selection, press the “ParkSense Rear Volume” button on the touchscreen, indicating that the setting had been selected. ParkSense retains its last known configuration state through ignition cycles.			
Rear ParkSense Braking Assist — If Equipped	On	Off	
NOTE: When this feature is selected, the ParkSense system detects objects located behind the vehicle and utilize autonomous braking to help stop the vehicle (only enabled when ParkSense is also on).			

Setting Name	Selectable Options		
LaneSense Warning— If Equipped	Early	Medium	Late
<p>NOTE: The “LaneSense Warning” setting determines at what distance the LaneSense system warns you, through steering wheel feedback, of a possible lane departure.</p>			
LaneSense Strength	Low	Med	High
Tilt Side Mirrors in Reverse	On	Off	
ParkView Backup Camera Active Guide Lines — If Equipped	On	Off	
<p>NOTE: The “ParkView Backup Camera Active Guide Lines” feature overlays the Rear Backup Camera image with active, or dynamic, grid lines to help illustrate the width of the vehicle and its project back up path, based on the steering wheel position when the option is checked. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver.</p>			
ParkView Backup Camera Delay — If Equipped	On	Off	
<p>NOTE: When the vehicle is shifted out of REVERSE (with camera delay turned OFF), the rear camera mode is exited and the navigation or audio screen appears again. When the vehicle is shifted out of REVERSE (with camera delay turned on), the rear view image with dynamic grid lines will be displayed for up to ten seconds after shifting out of “REVERSE” unless the forward vehicle speed exceeds 8 mph (12 km/h), the transmission is shifted into PARK or the ignition is in the OFF position. To set the ParkView Backup Camera Delay, push the “+ MORE” button on the faceplate, the “Settings” button on the touchscreen, then the “Safety & Driving Assistance” button on the touchscreen. Press the “Parkview Backup camera Delay” button on the touchscreen to turn the ParkView Delay ON or OFF.</p>			

Setting Name	Selectable Options		
Rain Sensing Auto Wipers	On	Off	
Hill Start Assist — If Equipped	On	Off	
Paddle Shifters	Enable	Disable	
Forward Collision Warning — If Equipped	Off	Warning Only	Warning & Braking
<p>NOTE: Changing the FCW status to “Off” prevents the system from warning you of a possible collision with the vehicle in front of you.</p>			
Forward Collision Sensitivity — If Equipped	Far	Med	Near
<p>NOTE: The “Forward Collision Warning Plus (FCW+) Sensitivity” setting determines at what relative distance the vehicle directly in front of you needs to be at, before the system warns you of a possible collision with the vehicle directly in front of you, based on the option is selected. “Far” gives you the most amount of reaction time, whereas “Near” gives you the least amount of reaction time, based on the distance between the two vehicles.</p>			
Blind Spot Alert — If Equipped	Off	Lights	Lights & Chime
<p>NOTE: When the “Blind Spot Alert” feature is selected, the Blind Spot Monitor (BSM) system is activated and shows a visual alert in the outside mirrors, or it shows a visual alert in the outside mirrors as well as play an audible alert when the turn signal is on. When “Off” is selected, the Blind Spot Monitor (BSM) system is deactivated. If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle to an authorized dealer to verify sensor alignment. A sensor that is misaligned results in the BSM not operating to specification.</p>			

Lights

After pressing the “Lights” button on the touch-screen, the following settings will be available:

Setting Name	Selectable Options	
Headlight Off Delay	0 sec	30 sec
	60 sec	90 sec
NOTE: When the “Headlight Off Delay” feature is selected, it allows the adjustment of the amount of time the headlights remain on after the engine is shut off.		
Headlight Illumination On Approach	0 sec	30 sec
	60 sec	90 sec
NOTE: When this feature is selected, it allows the adjustment of the amount of time the headlights remain on after the doors are unlocked with the key fob.		
Headlights With Wipers — If Equipped	On	Off
Auto High Beam — If Equipped	On	Off
NOTE: When the “Auto High Beams” is selected, the high beam headlights will activate/deactivate automatically under certain conditions.		
Daytime Running Lights	On	Off
Flash Lights With Lock	On	Off

Doors & Locks

After pressing the “Doors & Locks” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Auto Unlock On Exit	On	Off
NOTE: When the “Auto Unlock On Exit” feature is selected, all doors unlock when the vehicle is stopped and the transmission is in the PARK or NEUTRAL position and the driver’s door is opened.		
Flash Lights With Lock	On	Off
1st Press of Key Fob Unlocks	Driver Door	All Doors
NOTE: When “Driver” is selected, only the driver’s door unlocks on the first push of the key fob unlock button, you must push the key fob unlock button twice to unlock the passenger’s doors. When “All” is selected, all of the doors unlock on the first press of the key fob unlock button. If “All” is programmed, all doors unlock no matter which Passive Entry equipped door handle is grasped. If “Driver” is programmed, only the driver’s door unlock when the driver’s door is grasped. Touching the handle more than once only results in the driver’s door opening once. If the driver’s door is opened, the interior door lock/unlock switch can be used to unlock all doors (or use key fob).		
Passive Entry — If Equipped	On	Off
NOTE: This feature allows you to lock and unlock the vehicle’s door(s) without having to press the key fob lock or unlock buttons. To make your selection, press the “Passive Entry” button on the touchscreen and select from “On” or “Off.”		
Personal Settings Linked to Key Fob — If Equipped	On	Off
NOTE: The “Personal Settings Linked to Key Fob” feature provides automatic recall of all settings stored to a memory location (driver’s seat, exterior mirrors, steering column position and radio station pre-sets) to enhance driver mobility when entering and exiting the vehicle.		

Setting Name	Selectable Options	
Power Liftgate Alert — If Equipped	On	Off
NOTE: The “Power Liftgate Alert” feature plays an alert when the power liftgate is raising or lowering.		

Setting Name	Selectable Options	
Auto Door Locks — If Equipped	On	Off
NOTE: The “Auto Door Locks” feature locks all doors automatically when the vehicle reaches a speed of 15 mph (24 km/h).		

Auto-On Comfort — If Equipped

After pressing the “Auto-On Comfort” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options		
Auto-On Driver Heated/ Ventilated Seat & Steering Wheel With Vehicle Start — If Equipped	Off	Remote Start	All Start
NOTE: When this feature is selected ,the driver’s heated seat and heated steering wheel will automatically turn ON when temperatures are below 40° F (4.4° C). When temperatures are above 80° F (26.6° C), the driver vented seat will turn ON. To make your selection, press the “Auto Heated Seats” button on the touchscreen, then select either “Off,” “Remote Start” or “All Starts.”			

Engine Off Options

After pressing the “Engine Off Options” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options			
Engine Off Power Delay — If Equipped	0 sec	45 sec	5 min	10 min
NOTE: When the “Engine Off Power Delay” feature is selected, the power window switches, radio, Uconnect Phone system (if equipped), power sunroof (if equipped), and power outlets will remain active for up to ten minutes after the ignition is cycled to OFF. Opening either front door will cancel this feature.				
Headlight Off Delay	0 sec	30 sec	60 sec	90 sec
NOTE: When the “Headlight Off Delay” feature is selected, it allows the adjustment of the amount of time the headlights remain on after the engine is shut OFF.				
Easy Exit Seat — If Equipped	On		On	
NOTE: When the “Easy Exit Seat” feature is selected, it provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle.				

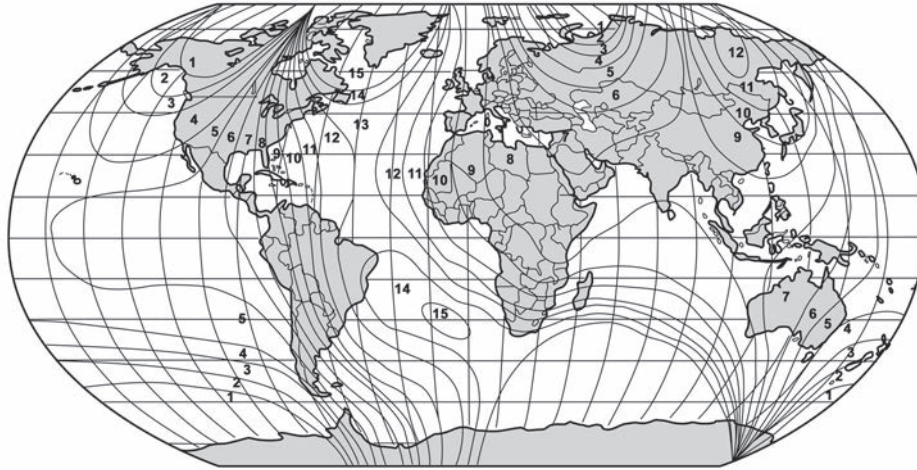
Compass Settings — If Equipped

After pressing the “Compass Settings” button on the touchscreen, the following settings will be available:

NOTE:

Before compass calibration is performed, the compass variance zone should be set for best results.

Setting Name	Selectable Options														
Compass Variance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
When the “Compass Variance” feature is selected, it allows the compass variance to be set to any number from 1 to 15 per the compass variance zone map figure. Compass Variance is the difference between Magnetic North and Geographic North. To compensate for the differences, the variance should be set for the zone where the vehicle is being driven, illustrated in the zone map. Once properly set, the compass will automatically compensate for the differences when calibrated, and provide the most accurate compass headings.															



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Compass Variance Zone Map

Compass Calibration	Start
<p>NOTE: Press “Compass Calibration” on the touchscreen to enter calibration. To start calibration of the compass, press the “Yes” button on the touchscreen and complete one or more 360-degree turns (in an area free from large metal or metallic objects). A message will appear on the touchscreen when the compass has been successfully calibrated. Keep magnetic materials away from the rear view mirror, such as Mobile Phones, Laptops and Radar Detectors. This is where the compass module is located, and it can cause interference with the compass sensor, and it may give false readings.</p>	

Audio

After pressing the “Audio” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options				
Balance/Fade	Up Arrow Button	Down Arrow Button	Left Arrow Button	Right Arrow Button	Center “C” Button
NOTE: When in this display you may adjust the “Balance/Fade” of the audio by using the “Arrow” button on the touchscreen to adjust the sound level from the front and rear or right and left side speakers. Press the “Center ‘C’ Button” on the touchscreen to reset the balance and fade to the factory setting.					
Equalizer	Bass		Mid		Treble
NOTE: When in this display you may adjust the “Bass”, “Mid”, and “Treble” settings. Adjust the settings with the “+” and “-” setting buttons on the touchscreen or by selecting any point on the scale between the “+” and “-” buttons on the touchscreen. Bass/Mid/Treble also allow you to simply slide your finger up or down to change the setting as well as press directly on the desired setting.					
Speed Adjusted Volume	Off	1		2	3
Surround Sound — If Equipped	On		Off		
Auto Play	On		Off		
NOTE: When selecting the “Auto Play” sub setting, a message will pop up stating “USB devices will automatically play media when AutoPlay is turned On.”					
Loudness — If Equipped	Yes		No		
NOTE: This feature improves sound quality at lower volumes when enabled.					
AUX Volume Offset — If Equipped	-3		+3		
NOTE: This feature provides the ability to tune the audio level for portable devices connected through the AUX input.					

Phone/Bluetooth

After pressing the “Phone/Bluetooth” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Do Not Disturb	List of Settings	
NOTE: Press “Do Not Disturb” to access the available settings. The following settings are: Auto Reply (both, text, call), Auto Reply Message (custom, default) and Custom Auto Reply Message (create message).		
Paired Phones And Audio Devices	List of Paired Phones	
NOTE: The “Paired Phones and Audio Devices” feature shows which phones and audio devices are paired to the Phone/Bluetooth system. For further information, refer to the Uconnect Owner’s Manual Supplement.		
Display Phone Info In Cluster — If Equipped	Off	On

Suspension — If Equipped

After pressing the “Suspension” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Auto Entry/Exit Suspension	On	Off
NOTE: When the “Auto Entry/Exit Suspension” setting is selected, the vehicle automatically lowers from ride height position when the vehicle is shifted to PARK for easy entry/exit.		
Display Suspension Messages	All	Warnings Only
NOTE: The “Display Suspension Messages” setting allows you to choose whether you want the Suspension system to display all suspension messages, or to only display suspension warnings.		
Tire Jack Mode	On	Off
NOTE: When the “Tire Jack Mode” setting is selected, the air suspension system is disabled to prevent auto leveling of the suspension while the vehicle is on a jack, changing a tire.		
Transport Mode	On	Off
NOTE: When the “Transport Mode” setting is selected, the air suspension system is disabled to assist with flat bed towing.		
Wheel Alignment Mode	On	Off
NOTE: The “Wheel Alignment Mode” setting prevents auto leveling of the air suspension while performing a wheel alignment service.		

Radio Setup — If Equipped

After pressing the “Radio Setup” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Regional — If Equipped	On	Off

NOTE:

When the “Regional” feature is selected, it forces regional service-following enabling automatic switching to network stations.

Restore Settings

After pressing the “Restore Settings” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Restore Settings	OK	Cancel

NOTE:

When this feature is selected, it will reset all settings to their default settings.

Clear Personal Data

After pressing the “Clear Personal Data” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Clear Personal Data	OK	Cancel

NOTE:

When the “Clear Personal Data” feature is selected, it will remove all personal data including Bluetooth devices and presets.

System Information — If Equipped


After pressing the “System Information” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options
System Information	System Software Information Screen

NOTE:

When this feature is selected, a “System Information” screen will appear, displaying the system software version.

Customer Programmable Features — Uconnect 4C/4C NAV Settings

Press the “Apps ” button, then press the “Settings” button on the touchscreen to display the menu setting screen. In this mode the Uconnect system allows you to access programmable features that may be equipped such as Language, Display, Units, Voice, Clock, Safety & Driving Assistance, Mirrors & Wipers, Lights, Doors & Locks, Auto-On Comfort, En-

gine Off Options, Suspension, Audio, Phone/Bluetooth, Reset, and System Information.

NOTE:

Depending on the vehicles options, feature settings may vary.

When making a selection, press the button on the touchscreen to enter the desired mode. Once in the desired mode, 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, either press the “Back” Arrow button on the touchscreen to return to the previous menu, or press the “X” button on the touchscreen to close out of the settings 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.

Language

After pressing the “Language” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options										
Language	Brasileiro	Deutsch	English	Espanol	Francais	Italiano	Nederlands	Polski	Portugues	Turkce	Русский
When the “Set Language” feature is selected, you may select one of multiple languages (Brasileiro/Deutsch/English/Español/Français/Italiano/Nederlands/Polski/Português/Türk/Русский) for all display nomenclature, including the trip functions and radio operation. Arabic can also be selected for radio audible prompts and information. Press the “Set Language” button on the touchscreen, then press the desired language button on the touchscreen until a check-mark appears next to the language, showing that setting has been selected.											

Display

After pressing the “Display” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Display Mode	Manual	Auto
Display Brightness With Headlights ON	+	-
NOTE: To make changes to the "Display Brightness With Headlights ON" setting, the headlights must be on and the interior dimmer switch must not be in the "party" or "parade" positions.		
Display Brightness With Headlights OFF	+	-
NOTE: To make changes to the "Display Brightness With Headlights OFF" setting, the headlights must be off and the interior dimmer switch must not be in the "party" or "parade" positions.		

Setting Name	Selectable Options	
Set Theme — If Equipped	On	Off
<p>NOTE: When the “Set Theme” feature is selected, you may select the theme for the display screen. To make your selection, press the "Set Theme" button on the touchscreen, then select the desired theme option button until a check-mark appears showing that the setting has been selected.</p>		
Keyboard — If Equipped	Smart Keyboard Selection	Latin Keyboard
<p>NOTE: Latin Keyboard displays different keyboard layouts to choose from. The selectable keyboards are ABCDEF Keyboard, QWERTY Keyboard, and AZ-ERTY Keyboard.</p>		
Touchscreen Beep	On	Off
Control Screen Time-Out — If Equipped	On	Off
<p>NOTE: When the “Control Screen Time-Out” feature is selected, the Controls Screen will stay open for five seconds before the screen times out. With the feature deselected, the screen will stay open until it is manually closed.</p>		
Nav Next Turn Pop-up In Cluster — If Equipped	On	Off
<p>NOTE: When the “Navigation Turn-By-Turn In Cluster” feature is selected, the turn-by-turn directions will appear in the instrument cluster display as the vehicle approaches a designated turn within a programmed route.</p>		
Phone Pop-ups Displayed In Cluster	On	Off

Units

After pressing the “Units” button on the touch-screen, the following settings will be available:

Setting Name	Selectable Options		
Units	US	Metric	Custom

NOTE:
The “Custom” option allows you to set the “Speed” (MPH, or km/h), “Distance” (mi, or km), “Fuel Consumption” [MPG (US), MPG (UK), L/100 km, or km/L], “Pressure” (psi, kPa, or bar), and “Temperature” (°C, or °F) units of measure independently.

Voice

After pressing the “Voice” button on the touch-screen, the following settings will be available:

Setting Name	Selectable Options		
Voice Response Length	Brief	Detailed	
Show Command List	Always	With Help	Never

Clock

After pressing the “Clock” button on the touch-screen, the following settings will be available:

Setting Name	Selectable Options	
Sync Time With GPS	On	Off
Set Time Hours	+	-

NOTE:
The “Set Time Hours” feature will allow you to adjust the hours. The “Sync time with GPS” button on the touchscreen must be unchecked.

Setting Name	Selectable Options	
Set Time Minutes	+	-
NOTE: The “Set Time Minutes” feature will allow you to adjust the minutes. The “Sync time with GPS” button on the touchscreen must be unchecked.		
Time Format	12hrs	24hrs
Show Time in Status Bar — If Equipped	On	Off

Safety/Assistance

After pressing the “Safety/Assistance” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
ParkView Backup Camera Delay — If Equipped	On	Off
NOTE: The “ParkView Backup Camera Delay” setting determines whether or not the screen will display the rear view image with dynamic grid lines for up to ten seconds after the vehicle is shifted out of REVERSE. This delay will be canceled if the vehicle’s speed exceeds 8 mph (13 km/h), the transmission is shifted into PARK, or the ignition is switched to the OFF position.		
Active ParkView Backup Camera Guidelines — If Equipped	On	Off
NOTE: The “Active ParkView Backup Camera Guidelines” feature overlays the Rear Backup Camera image with active, or dynamic, grid lines to help illustrate the width of the vehicle and its project back up path, based on the steering wheel position when the option is checked. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver.		

Setting Name	Selectable Options		
Forward Collision Warning — If Equipped	Off	Only Warning	Warning & Active Braking
<p>NOTE: Changing the FCW status to “Off” prevents the system from warning you of a possible collision with the vehicle in front of you. Forward Collision Warning includes Advanced Brake Assist (ABA). The ABA applies additional brake pressure when the driver requests insufficient brake pressure to avoid a potential frontal collision. When the “Only Warning” option is selected a chime sound alerting you of a possible collision with the vehicle in front of you and more brake pressure is needed. When the “Warning & Active Braking” option is selected, it applies the brakes to slow your vehicle in case of potential forward collision and sound an audible chime to alert you.</p>			
Forward Collision Warning Sensitivity — If Equipped	Near	Med	Far
<p>NOTE: The “Forward Collision Warning Plus (FCW+) Sensitivity” setting determines at what relative distance the vehicle directly in front of you needs to be at, before the system warns you of a possible collision with the vehicle directly in front of you, based on the option is selected. “Far” gives you the most amount of reaction time, whereas “Near” gives you the least amount of reaction time, based on the distance between the two vehicles.</p>			
LaneSense Warning — If Equipped	Early	Med	Late
<p>NOTE: The “LaneSense Warning” setting determines at what distance the LaneSense system warns you, through steering wheel feedback, of a possible lane departure.</p>			
LaneSense Strength — If Equipped	Low	Med	High
ParkSense — If Equipped	Sound	Sound & Display	
<p>NOTE: The “ParkSense” system setting scans for objects behind the vehicle when the transmission gear selector is in REVERSE and the vehicle speed is less than 7 mph (11 km/h), when enabled. It provides an alert (audible and/or visual) to indicate the proximity to other objects. The system can be enabled with “Sound,” or “Sound & Display.”</p>			

Setting Name	Selectable Options		
Front ParkSense Volume	Low	Med	High
Rear ParkSense Volume	Low	Med	High
Rear ParkSense Braking Assist — If Equipped	On	Off	
NOTE: When the “Rear ParkSense Braking Assist” feature is selected, the park assist system detects objects located behind the vehicle and utilize autonomous braking to stop the vehicle.			
Electric Power Steering Default	Normal	Sport	Comfort
NOTE: When the “Electric Power Steering Default” is selected, it allows you to change the default setting of your vehicle to either normal, sport, or comfort.			
Paddle Shifters	Enable	Disable	
Blind Spot Alert — If Equipped	Off	Lights	Lights & Chime
NOTE: When the “Blind Spot Alert” feature is selected, the Blind Spot Monitoring (BSM) system is activated and shows a visual alert in the outside mirrors, or it shows a visual alert in the outside mirrors as well as play an audible alert when the turn signal is on. When “Off” is selected, the Blind Spot Monitoring (BSM) system is deactivated. If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle to an authorized dealer to verify sensor alignment. A sensor that is misaligned results in the BSM not operating to specification.			
Hill Start Assist — If Equipped	On	Off	

Mirror and Wipers

After pressing the “Mirror and Wipers” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Rain Sensing Auto Wipers — If Equipped	On	Off
Tilt Side Mirrors in Reverse	On	Off
Auto Folding Side Mirrors — If Equipped	On	Off
Headlights with Wipers	On	Off

Lights

After pressing the “Lights” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Headlight Off Delay	0 sec	30 sec
	60 sec	90 sec

NOTE:

When the “Headlight Off Delay” feature is selected, it allows the adjustment of the amount of time the headlights remain on after the engine is shut off.

Headlight Illuminated On Approach	0 sec	30 sec
	60 sec	90 sec
Headlights With Wipers — If Equipped	On	Off
Auto Dim High Beams — If Equipped	On	Off

NOTE:

When the “Auto Dim High Beams” feature is selected, the high beam headlights will activate/deactivate automatically under certain conditions.

Setting Name	Selectable Options	
Steering Directed Headlights — If Equipped	On	Off
NOTE: When this feature is selected, the headlights will turn relative to a change in direction of the steering wheel. To make your selection, press the “Steering Directed Headlights” button on the touchscreen until a check-mark appears next to setting, indicating that the setting has been selected.		
Daytime Running Lights — If Equipped	On	Off
Flash Lights With Lock	On	Off
Headlight Dip — If Equipped	On	Off
NOTE: Select this feature when driving on the opposite side of road to lower headlights. To make your selection, press the “Headlight Dip” button on the touchscreen, until a check-mark appears next to setting, indicating that the setting has been selected.		

Doors & Locks

After pressing the “Doors & Locks” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Auto Unlock On Exit	On	Off
NOTE: When this feature is selected, all doors unlock when the vehicle is stopped, the transmission is in the PARK or NEUTRAL position and the driver’s door is opened.		
Flash Lights With Lock	On	Off
Sound Horn With Lock	Off	1st Press 2nd Press
Sound Horn With Remote Start	On	Off

Setting Name	Selectable Options	
1st Press Of Key Fob Unlocks	Driver Door	All Doors
<p>NOTE: When "Driver Door" is selected with 1st Press Of Key Fob Unlocks, only the driver's door unlocks with the first push of the key fob unlock button. You must press the key fob unlock button twice to unlock the passenger's doors. When "All Doors" is selected for 1st Press Of Key Fob Unlocks, all doors unlock on the first push of the key fob unlock button. If the vehicle is programmed 1st Press Of Key Fob Unlocks "All Doors," all doors unlock no matter which Passive Entry equipped door handle is grasped. If 1st Press Of Key Fob Unlocks "Driver Door" is programmed, only the driver's door unlocks when the driver's door is grasped. With Passive Entry, if 1st Press Of Key Fob Unlocks "Driver Door" is programmed, touching the handle more than once results in only the driver's door opening. If "Driver Door" is selected, once the driver door is opened, the interior door lock/unlock switch can be used to unlock all doors (or use key fob).</p>		
Passive Entry — If Equipped	On	Off
<p>NOTE: This feature allows you to lock and unlock the vehicles door(s) without having to push the key fob lock or unlock buttons.</p>		
Personal Settings Linked to Key Fob — If Equipped	On	Off
<p>NOTE: This feature provides automatic recall of all settings stored to a memory location (driver's seat, exterior mirrors, steering column position and radio station pre-sets) to enhance driver mobility when entering and exiting the vehicle.</p>		
Power Lift Gate Alert — If Equipped	On	Off
Setting Name	Selectable Options	
Auto Door Locks — If Equipped	On	Off
<p>NOTE: When the "Auto Door Locks" feature is selected, all doors will lock automatically when the vehicle reaches a speed of 15 mph (24 km/h).</p>		

Auto-On Comfort Systems — If Equipped

After pressing the “Auto-On Comfort” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options		
Auto-On Driver Heated/ Ventilated Seat & Steering Wheel With Vehicle Start — If Equipped	Off	Remote Start	All Starts
NOTE: When this feature is selected, the driver’s heated seat and heated steering wheel will automatically turn ON when temperatures are below 40° F (4.4° C). When temperatures are above 80° F (26.6° C), the driver vented seat will turn ON.			

Engine Off Options

After pressing the “Engine Off Options” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Easy Exit Seat	On	Off
Engine Off Power Delay	0 sec	45 sec
	5 min	10 min
Headlight Off Delay	0 sec	30 sec
	60 sec	90 sec
Auto Entry/Exit Suspension — If Equipped	On	Off

Suspension — If Equipped

After pressing the “Suspension” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Auto Entry/Exit Suspension	On	Off
NOTE: When the “Auto Entry/Exit Suspension” setting is selected, the vehicle automatically lowers from ride height position when the vehicle is shifted to PARK for easy entry/exit.		
Display Suspension Messages	All	Warning
NOTE: The “Display Suspension Messages” setting allows you to choose whether you want the Suspension system to display all suspension messages, or to only display suspension warnings.		
Tire Jack Mode	On	Off
NOTE: When the “Tire Jack Mode” setting is selected, the air suspension system is disabled to prevent auto leveling of the suspension while the vehicle is on a jack, changing a tire.		
Transport Mode	On	Off
NOTE: When the “Transport Mode” setting is selected, the air suspension system is disabled to assist with flat bed towing.		
Wheel Alignment Mode	On	Off
NOTE: The “Wheel Alignment Mode” setting prevents auto leveling of the air suspension while performing a wheel alignment service.		

Audio

After pressing the “Audio” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options			
Balance/Fade	Speaker Icon			
NOTE: When in this display you may adjust the “Balance/Fade” of the audio by pressing and dragging the “Speaker Icon” toward any location in the box.				
Equalizer	Bass	Mid	Treble	
NOTE: When in this display you may adjust the “Bass”, “Mid” and “Treble” settings. Adjust the settings with the “+” and “-” setting buttons on the touchscreen or by selecting any point on the scale between the “+” and “-” buttons on the touchscreen. Bass/Mid/Treble also allow you to simply slide your finger up or down to change the setting as well as press directly on the desired setting.				
Speed Adjusted Volume	Off	1	2	3
Surround Sound — If Equipped	On		Off	
AUX Volume Offset — If Equipped	+		-	
NOTE: This feature provides the ability to tune the audio level for portable devices connected through the AUX input.				
AutoPlay	On		Off	
NOTE: The “AutoPlay” setting, when activated, automatically starts playing music off of a connected device as soon as it is connected.				

Phone/Bluetooth

After pressing the “Phone/Bluetooth” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Paired Phone And Audio Sources	List Of Paired Audio Sources	
NOTE: This feature shows which phones and/or audio devices are paired to the Phone/Bluetooth system. For further information, refer to the Uconnect Owner's Manual Supplement.		
Do Not Disturb	Do Not Disturb Options	
NOTE: The “Do Not Disturb” feature allows the paired phone to send a predetermined call, text, or both, to any incoming call, or text, before sending it directly to voicemail. It also keeps a counter of all missed calls and texts while on the road.		
Display Phone Info In Cluster	On	Off

Radio Setup — If Equipped

After pressing the “Radio Setup” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Regional — If Equipped	On	Off
NOTE: When the “Regional” feature is selected, it forces regional service-following enabling automatic switching to network stations.		

Reset

After pressing the “Reset” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Reset App Drawer	OK	Cancel
Restore Settings	OK	Cancel
NOTE: When this feature is selected it will reset all settings to their default settings.		
Clear Personal Data	OK	Cancel
NOTE: When the “Clear Personal Data” feature is selected, it will remove all personal data including Bluetooth devices and presets.		

System Information

After pressing the “System Information” button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options
Software License	System Software Information Screen
NOTE: When this feature is selected, a “Software License” screen will appear, displaying the system software license and version.	

OFF ROAD PAGES — IF EQUIPPED

Your vehicle is equipped with Off Road Pages, which provides the vehicle status 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 (if equipped), and the active Selec-Terrain mode.

To access Off Road Pages, press the “Apps” button on the touchscreen, and then select “Off Road Pages”.



Main Menu

- 1 — Off Road Pages App
- 2 — Uconnect Apps Button

Off Road Pages has the following selectable pages:

- Vehicle Dynamics
- Suspension
- Pitch and Roll — If Equipped
- Accessory Gauge
- Selec-Terrain — 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 in each of the five selectable page options. It provides continually updating information for the following items:

- Current Transfer Case Status (only appears when in 4WD LOW)
- Current Selec-Terrain mode — If Equipped
- Current Latitude/Longitude
- Current Altitude of the vehicle
- Status of Hill Descent
- Selec-Speed Control and Selected Speed in MPH (km/h)



Status Bar

- 1 — Transfer Case Status (Only When In 4WD LOW)
- 2 — Selec-Terrain Mode — If Equipped
- 3 — Current Latitude/Longitude
- 4 — Current Altitude
- 5 — Hill Descent
- 6 — Selec-Speed Status And Set Speed

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 Axles — If Equipped



Vehicle Dynamics Menu

- 1 — Steering Angle
- 2 — Transfer Case Status
- 3 — Rear Axle Locker Status

Suspension

The Suspension page displays information concerning the vehicle's suspension.

The following information is displayed:

- Suspension Articulation Indicator
- Current Ride Height Status — If Equipped
 - Normal
 - Off Road 1
 - Off Road 2
 - Entry/Exit
 - Aero

NOTE:

The wheel articulation will be represented by a yellow color in the Suspension Articulation Indicator. If Ride Height is adjusted, the Ride Height indicator on the screen will switch to the appropriate height and the Suspension Articulation Indicator will show the movement and change in height.



Suspension Menu

- 1 — Suspension Articulation Indicator
- 2 — Current Ride Height

Pitch And Roll

The Pitch And Roll page displays the vehicle's current pitch (angle up and down) and roll (angle side to side) in degrees. The pitch and roll gauges provide a visualization of the current vehicle angle.



Pitch And Roll Menu

- 1 — Current Pitch
- 2 — Current Roll

Accessory Gauges

The Accessory Gauges page displays the current status of the vehicle's Coolant Temperature, Oil Temperature, Oil Pressure (Gas Vehicles Only), Transmission Temperature, and Battery Voltage.



Accessory Gauges Menu

- 1 — Coolant Temperature
- 2 — Oil Temperature
- 3 — Oil Pressure (Gas Vehicles Only)
- 4 — Battery Voltage
- 5 — Transmission Temperature

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:

- Snow
- Sand
- Auto — Default
- Mud
- Rock — Vehicle Must Be In 4 Wheel Drive Low

NOTE:

While in the Selec-Terrain pages, the Off Road Pages Status Bar will also display the current Selec-Terrain mode.



Current Selec-Terrain Mode

STEERING WHEEL AUDIO CONTROLS — IF EQUIPPED

The remote sound system controls are located on the rear surface of the steering wheel. Reach behind the wheel to access the switches.



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Steering Wheel Audio Controls (Back View Of Steering Wheel)

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 increases the volume, and pushing the bottom of the rocker switch decreases the volume.

Pushing the 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 listenable station and pushing the bottom of the switch will “Seek” down for the next listenable 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.

IPOD/USB/MP3 CONTROL — IF EQUIPPED

This feature allows an iPod or external USB device to be plugged into the USB port.

iPod control supports Mini, 4G, Photo, Nano, 5G iPod and iPhone devices. Some iPod software versions may not fully support the iPod control features. Please visit Apple’s website for software updates.

For further information, refer to the Uconnect Owner’s Manual Supplement.

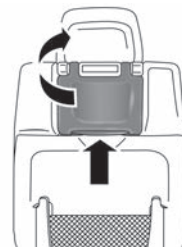
UCONNECT REAR SEAT ENTERTAINMENT (RSE) SYSTEM — IF EQUIPPED

Your Rear Seat Entertainment System is designed to give your family years of enjoyment. You can play your favorite CDs, DVDs or Blu-ray Discs, listen to audio over the wireless headphones, or plug and play a variety of standard video games or audio devices.

Please review this Owner’s Manual to become familiar with its features and operation.

Getting Started

- **Screen(s) located in the rear of front seats:** Open the LCD screen cover by lifting up on the cover.

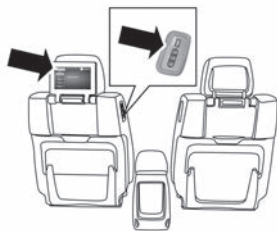


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RSE System Screen

- Place the ignition in the ON or ACC position.

- Your vehicle may be equipped with a Blu-ray disc player. If equipped with a Blu-ray disc player, the icon will be present on the player.
- Turn on the Rear Seat Entertainment system by pushing the power button on the remote control.
- When the Video Screen(s) are open and a DVD/Blu-ray disc is inserted into the disc player, the screen(s) turn(s) on automatically, the headphone transmitters turn on and play-back begins.



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RSE System Channel 1 (Rear 1)

- With the Dual Video Screen System, Channel 1 (Rear 1) on the remote control and headphones, refers to Screen 1 (driver's side) and Channel 2 (Rear 2) on the Remote Control and Headphones refers to Screen 2 (passenger side).



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RSE System Remote Control Channel Selectors



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RSE System Headphone Channel Selectors

- The system can be controlled either by the front seat occupants utilizing the touchscreen radio or by the rear seat occupants using the remote control.

Dual Video Screen

NOTE:

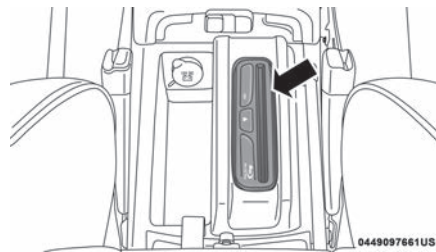
Typically there are two different ways to operate the features of the Rear Seat Entertainment System.

- The Remote Control
- The Touchscreen Radio (If Equipped)

Blu-ray Disc Player

Play A Blu-ray Disc

The Blu-ray disc player is located in the center console.



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Blu-ray Disc Player Location

1. Insert a Blu-ray disc into the VES disc player with the label facing as indicated on the Blu-ray player. The radio automatically selects the appropriate mode after the disc is recognized and displays the menu screen, the language screen, or starts playing the first track.

- To watch a Blu-ray disc on Rear 1 for driver's side rear passengers, ensure the Remote Control and Headphone switch is on Rear 1.
- To watch a Blu-ray disc on Rear 2 for passenger side rear passengers, ensure the Remote Control and Headphone switch is on Rear 2.

NOTE:

- To view a Blu-ray disc on the radio, press the "Media" button on the touchscreen, and then press the "Disc" button. Press the "Play" button, and then the "full screen" button.
- Viewing a Blu-ray disc on the radio screen is not available in all states/provinces. The vehicle must be stopped, and the gear selector must be in the PARK position for vehicles with automatic transmission.

Using The Touchscreen Radio



Rear Media Control Screen

1. RSE Channel 1 Mode

Indicates the current source for Screen 1/Channel 1. This button will be highlighted when it is the active Screen/Channel being controlled by the front user. If this button is not highlighted, select button to access controls for Screen 1/Channel 1 source.

2. RSE Power

Press to turn RSE On/Off.

3. RSE Mute

Mute rear headphones for the current ignition cycle. Pressing mute again will unmute rear headphones.

4. RSE Remote Control Lock Out

Press to enable/disable remote control functions.

5. RSE Channel 2 Mode

Indicates the current source for Screen 2/Channel 2. This button will be highlighted when it is the active Screen/Channel being controlled by the front user. If this button is not highlighted, select button to access controls for Screen 2/Channel 2 source.

6. Cabin Audio Mode

Select this button to change the cabin audio to the rear entertainment source currently shown on the rear media control screen.

7. Radio Full Screen Mode

Select this button to change to Full Screen Mode.

8. RSE Mode

Select this button to change source for the active (highlighted) rear Screen/Channel on the rear media control screen.

- Press the Media button on the touchscreen, and then press the rear media button on the touchscreen.
- Press the OK button on the touchscreen to begin playing the Blu-ray disc on the touchscreen radio.

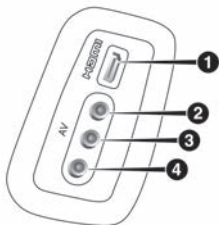
Using The Remote Control

- Select an audio channel (Rear 1 for driver's side rear screen and Rear 2 for passenger's side rear screen), and then press the source key, and using the up and down arrows, highlight disc from the menu and press the OK button.
- Press the popup/menu key to navigate the disc menu and options.

Play Video Games

Connect the video game console to the Audio/Video RCA/HDMI input jacks located on the side of each seat.

Audio/Video RCA/HDMI Jacks (AUX/HDMI Jacks) on the side of each seat enable the monitor to display video directly from a video camera, connect video games for display on the screen, or play music directly from an MP3 player.



0449097671US

Audio/Video RCA/HDMI Input Jacks

When connecting an external source to the AUX/HDMI input, ensure to follow the standard color coding for the audio/video jacks:

1. HDMI Input.
2. Right audio in (red).
3. Left audio in (white).
4. Video in (yellow).

NOTE:

Certain high-end video games consoles may exceed the power limit of the vehicle's Power Inverter.

Play A DVD/Blu-ray Disc Using The Touchscreen Radio

1. Insert the DVD/Blu-ray Disc with the label facing as indicated on the DVD/Blu-ray Disc player. The radio automatically selects the appropriate mode after the disc is recognized and displays the menu screen or starts playing the first track.
2. To watch a DVD/Blu-ray Disc on Rear 1 (driver's side rear passenger), ensure the Remote Control and Headphone channel selector switch is on Rear 1.
3. To watch a DVD/Blu-ray Disc on Rear 2 (passenger's side rear passenger), ensure the Remote Control and Headphone channel selector switch is on Rear 2.

Using The Remote Control

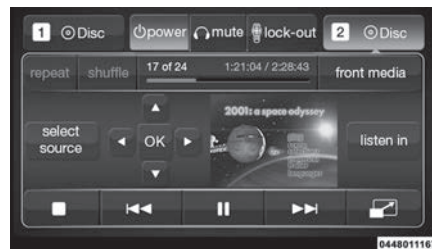
1. Push the SOURCE button on the Remote Control.
2. While looking at Rear 1 or 2, highlight DISC by either pushing Up/Down/Left/Right buttons, then push ENTER/OK.



Select DISC Mode On The Rear Seat Entertainment Screen

Using The Touchscreen Radio Controls

1. Press the Media button on the Uconnect system touchscreen.
2. Press the Rear Media button to display the Rear Media Control screen.



Rear Media Control Screen

- Press the 1 or 2 buttons on the touchscreen, and the select source button on the touchscreen. Press the DISC button on the touchscreen in the MEDIA column. To exit, press the X at the top right of the screen.



Rear Seat Entertainment Source Screen

NOTE:

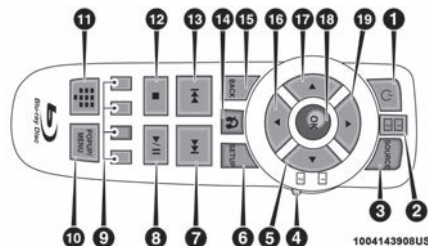
Pressing the screen on the radio while a DVD or Blu-ray Disc is playing, brings up the basic remote control functions for DVD play such as scene selection, Play, Pause, FF, RW, and Stop. Pressing the X in the upper corner will turn OFF the remote control screen functions.

Important Notes For Dual Video Screen System

- The Rear Seat Entertainment System is able to transmit two channels of stereo audio and video simultaneously.

- The Blu-ray Disc Player can play CDs, DVDs and Blu-ray Discs.
- Selecting a video source on Rear 1, the video source will display on Rear 1 and can be heard on Rear 1.
- Selecting a video source on Rear 2, the video source will display on Rear 2 and can be heard on Rear 2.
- Audio can be heard through the headphones even when the screen(s) are closed.

Blu-ray Disc Player Remote Control — If Equipped



Blu-ray Player Remote Control

Controls And Indicators

- Power — Turns the screen and wireless headphone transmitter for the selected Channel on or off. To hear audio while the

screen is closed, push the Power button to turn the headphone transmitter on.

- Channel Selector Indicators — When a button is pushed, the currently affected channel or channel button is illuminated momentarily.
- SOURCE — Push to enter Source Selection screen.
- Channel/Screen Selector Switch — Indicates which channel is being controlled by the remote control. When the selector switch is in the Rear 1 position, the remote controls the functionality of headphone Channel 1 (left screen). When the selector switch is in the Rear 2 position, the remote controls the functionality of headphone Channel 2 (right screen).
- — Push to navigate menus.
- SETUP — Push to access the screen settings menu.
- — Push and hold to fast forward through the current audio track or video chapter.
- / || (Play/Pause) — Begin/resume or pause disc play.
- Four Colored Buttons — Push to access Blu-ray Disc features.

10. POPUP/MENU — Push to bring up repeat and shuffle options, the Blu-ray Disc popup menu, the DVD title menu, or to access disc menus.
11. Keypad — Push to navigate chapters or titles.
12. ■ (Stop) — Stops disc play.
13. ⏮ — Push and hold to fast rewind through the current audio track or video chapter.
14. 🔊 — Mutes headphone audio.
15. BACK — Push to exit out of menus or return to source selection screen.
16. ▼ — Push to navigate menus.
17. ◀ — Push to navigate menus.
18. OK — Push to select the highlighted option in a menu.
19. ▲ — Push to navigate menus.

Headphones Operation

The headphones receive two separate channels of audio using an infrared transmitter from the video screen.

If no audio is heard after increasing the volume control, verify that the screen is turned on, the channel is not muted and the headphone channel selector switch is on the desired channel. If audio is still not heard, check that fully charged batteries are installed in the headphones.



Rear Seat Entertainment Headphones

- 1 — Power Button
- 2 — Volume Control
- 3 — Channel Selection Switch

Controls

The headphone power indicator and controls are located on the right ear cup.

NOTE:

The rear video system must be turned on before sound can be heard from the headphones. To conserve battery life, the headphones will automatically turn off approximately three minutes after the rear video system is turned off.

Changing the Audio Mode for Headphones

1. Ensure the Remote Control channel/screen selector switch is in the same position as the headphone selector switch.

NOTE:

- When both the headphone and the remote control channel selector switches are on Channel 1, the Remote is controlling Channel 1 and the headphones are tuned to the audio on Channel 1.
 - When both the headphone and the remote control channel selector switches are on Channel 2, the Remote is controlling Channel 2 and the headphones are tuned to the audio on Channel 2.
2. Push the SOURCE button on the remote control.
 3. Pushing the SOURCE button will advance to the next mode.
 4. When the Mode Selection menu appears on screen, use the cursor buttons on the remote control to navigate to the available modes and push the OK button to select the new mode.
 5. To cancel out of the Mode Selection menu, push the BACK button on the remote control.

Replacing The Headphone Batteries

Each set of headphones requires two AAA batteries for operation. To replace the batteries:

1. Locate the battery compartment on the left ear cup of the headphones, and then slide the battery cover downward.

2. Replace the batteries, making sure to orient them according to the polarity diagram shown.
3. Replace the battery compartment cover.

Stereo Headphone Lifetime Limited Warranty

Who Does This Warranty Cover? This warranty covers the initial user or purchaser ("you" or "your") of this particular Aptiv PLC ("Aptiv") wireless headphone ("Product"). The warranty is not transferable.

How Long Does the Coverage Last? This warranty lasts as long as you own the Product.

What Does This Warranty Cover? Except as specified below, this warranty covers any Product that in normal use is defective in workmanship or materials.

What Does This Warranty Not Cover? This warranty does not cover any damage or defect that results from misuse, abuse or modification of the Product other than by Aptiv. Foam earpieces, which will wear over time through normal use, are specifically not covered (replacement foam is available for a nominal charge). **APTIV IS NOT LIABLE FOR ANY INJURIES OR DAMAGES TO PERSONS OR PROPERTY RESULTING FROM THE USE OF, OR ANY FAILURE OR DEFECT IN, THE PRODUCT, NOR IS APTIV LIABLE FOR ANY GENERAL, SPECIAL, DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, PUNITIVE OR**

OTHER DAMAGES OF ANY KIND OR NATURE WHATSOEVER. Some states and jurisdictions may not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights. You may also have other rights, which vary from jurisdiction to jurisdiction.

What Will Aptiv Do? Aptiv, at its option, will repair or replace any defective Product. Aptiv reserves the right to replace any discontinued Product with a comparable model. **THIS WARRANTY IS THE SOLE WARRANTY FOR THIS PRODUCT, SETS FORTH YOUR EXCLUSIVE REMEDY REGARDING DEFECTIVE PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES (EXPRESS OR IMPLIED), INCLUDING ANY WARRANTY FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

If you have any questions or comments regarding your Aptiv wireless headphones, or to register your wireless headphones, please phone:

1-248-724-5900

System Information

Disc Menu

When listening to a CD Audio or CD Data disc, pushing the remote control's POP UP/MENU button displays a list of all commands which control playback of the disc.

Display Settings



Video Screen Display Settings

When watching a video source (Blu-ray Disc or DVD Video with the disc in Play mode, Aux Video, etc.), pushing the remote control's SETUP button activates the Display Settings menu. These settings control the appearance of the video on the screen. The factory default settings are already set for optimum viewing, so there is no need to change these settings under normal circumstances.

To change the settings, push the remote control's navigation buttons (▲, ▼) to select an item, then push the remote control's navigation buttons (▶, ◀) to change the value for the currently selected item. To reset all values back to the original settings, select the Default Settings menu option and push the remote control's ENTER/OK button.

Disc Features control the remote Blu-ray Disc player's settings of DVD being watched in the remote player.

Listening To Audio With The Screen Closed

To listen to only audio portion of the channel with the screen closed:

- Set the audio to the desired source and channel.
- Close the video screen.
- To change the current audio mode, push the remote control's SOURCE button. This will automatically select the next available audio mode without using the Mode/Source Select menu.
- When the screen is reopened, the video screen will automatically turn back on and show the appropriate display menu or media.

If the screen is closed and there is no audio heard, verify that the headphones are turned on (the ON indicator is illuminated) and the headphone selector switch is on the desired channel. If the headphones are turned on, push the remote control's power button to turn audio on. If audio is still not heard, check that fully charged batteries are installed in the headphones.

Disc Formats

The Blu-ray Disc player is capable of playing the following types of 4.7 inches (12 cm) diameter discs:

- BD: BDMV (Profile 1.1), BDAV (Profile 1.1)

- DVD: DVD-Video, DVD-Audio, AVCREC, AVCHD, DVD-VR
- CD: CD-DA, VCD, CD-TEXT
- DVD/CD: MP3, WMA, AAC, DivX (versions 3 – 6) profile 3.0

DVD Region Codes

The Blu-ray Disc player and many DVD discs are coded by geographic region. These region codes must match in order for the disc to play. If the region code for the DVD disc does not match the region code for the player, the disc will not play.

DVD Audio Support

When a DVD-Audio disc is inserted in the Blu-ray Disc player, the DVD-Audio title on the disc is played by default (most DVD-Audio discs also have a Video title, but the Video title is ignored). All multi-channel program material is automatically mixed down to two channels, which may result in a lowered apparent volume level. If you increase the volume level to account for this change in level, remember to lower the volume before changing the disc or to another mode.

Recorded Discs

The Blu-ray Disc player will play CD-R and CD-RW discs recorded in CD-Audio or Video-CD format, or as a CD-ROM containing MP3 or WMA files. The player will also play DVD-Video content recorded to a DVD-R or DVD-RW disc. DVD-ROM discs (either pressed or recorded) are not supported.

If you record a disc using a personal computer, there may be cases where the Blu-ray Disc player may not be able to play some or the entire disc, even if it is recorded in a compatible format and is playable on other players. To help avoid playback problems, use the following guidelines when recording discs.

- Open sessions are ignored. Only sessions that are closed are playable.
- For multi-session CDs that contain only multiple CD-Audio sessions, the player will renumber the tracks so each track number is unique.
- For CD Data (or CD-ROM) discs, always use the ISO-9660 (Level 1 or Level 2), Joliet, or Romeo format. Other formats (such as UDF, HFS, or others) are not supported.
- The player recognizes a maximum of 512 files and 99 folders per CD-R and CD-RW disc.
- Mixed media recordable DVD formats will only play the Video_TS portion of the disc.

If you are still having trouble writing a disc that is playable in the Blu-ray Disc player, check with the disc recording software publisher for more information about burning playable discs.

The recommended method for labeling recordable discs (CD-R, CD-RW, and DVD-R) is with a permanent marker. Do not use adhesive labels as they may separate from the disc, become stuck, and cause permanent damage to the DVD player.

Compressed Audio Files (MP3 and WMA)

The Blu-ray Disc player is capable of playing MP3 (MPEG-1 Audio Layer 3) and WMA (Windows Media Audio) files from a CD Data disc (usually a CD-R or CD-RW).

- The Blu-ray Disc player always uses the file extension to determine the audio format, so MP3 files must always end with the extension ".mp3" or ".MP3" and WMA files must always end with the extension ".wma" or ".WMA". To prevent incorrect playback, do not use these extensions for any other types of files.
- For MP3 files, only version 1 ID3 tag data (such as artist name, track title, album, etc.) are supported.
- Any file that is copy protected (such as those downloaded from many online music stores) will not play. The Blu-ray player will automatically skip the file and begin playing the next available file.
- Other compression formats such as AAC, MP3 Pro, Ogg Vorbis, and ATRAC3 will not play. The Blu-ray player will automatically skip the file and begin playing the next available file.
- If you are creating your own files, the recommended fixed bit rate for MP3 files is between 96 and 192Kbps and the recommended fixed bit rate for WMA files is between 64 and 192Kbps. Variable bit rates are also supported. For both formats, the recommended sample rate is either 44.1kHz or 48kHz.

- To change the current file, use the remote control's or Blu-ray Disc player's ▲ button to advance to the next file, or the ▼ button to return to the start of the current or previous file.

Disc Errors

If the Blu-ray Disc player is unable to read the disc, a "Disc Error" message is displayed on the rear screen and Radio displays. A dirty, damaged, or incompatible disc format are all potential causes for a "Disc Error" message.

If a disc has a damaged track which results in audible or visible errors that persists for two seconds, the Blu-ray Disc player will attempt to continue playing the disc by skipping forward one to three seconds at a time. If the end of the disc is reached, the Blu-ray Disc player will return to the beginning of the disc and attempt to play the start of the first track.

The Blu-ray Disc player may shut down during extremely hot conditions, such as when the vehicle's interior temperature is above 120° F (48.9° C). When this occurs, the player will display "High Temp" and will shut off the rear seat displays until a safe temperature is reached. This shutdown is necessary to protect the optics of the Blu-ray Disc player.

Product Agreement

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be autho-

rized by Macrovision, and is intended for home or other limited viewing uses otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.



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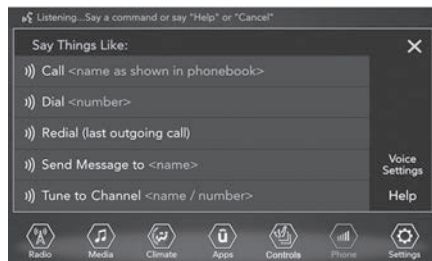
RADIO OPERATION AND MOBILE PHONES

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 relocating the mobile phone antenna. This condition is not harmful to the radio. If your radio performance does not satisfactorily "clear" by the repositioning of the antenna, it is recommended that the radio volume be turned down or off during mobile phone operation when not using Uconnect (if equipped).

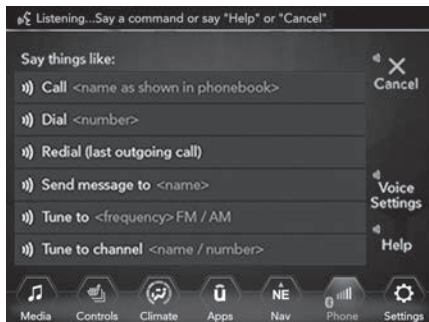
UCONNECT VOICE RECOGNITION QUICK TIPS

Introducing Uconnect

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 Uconnect 4, or Uconnect 4C/4C NAV system.



Uconnect 4



Uconnect 4C/4C NAV

If you see the NAV icon on the bottom bar, or in the Apps menus, of your 8.4-inch touchscreen, you have the Uconnect 4C NAV system. If not, you have a Uconnect 4C with 8.4-inch display system.

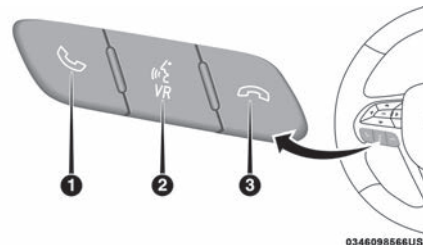
Get Started

All you need to control your Uconnect system with your voice are the buttons on your steering wheel.

Helpful hints for using Voice Recognition:

- Visit UconnectPhone.com to check mobile device and feature compatibility and to find phone pairing instructions.
- Reduce background noise. Wind and passenger conversations are examples of noise that may impact recognition.

- Speak clearly at a normal pace and volume while facing straight ahead. The microphone is positioned on the rearview mirror and aimed at the driver.
- Each time you give a Voice Command, you must first push either the Voice Recognition (VR) or Phone button, wait until **after** the beep, then say your Voice Command.
- You can interrupt the help message or system prompts by pushing the VR or Phone button and saying a Voice Command from the current category.



Uconnect Voice Command Buttons

- 1 — Push To Initiate Or To Answer A Phone Call, Send Or Receive A Text
- 2 — For All Radios: Push To Begin Voice Commands
- 3 — Push To End Call

Basic Voice Commands

The basic Voice Commands below can be given at any point while using your Uconnect system.

Push the VR button . 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. Cues appear on the touchscreen.

Radio

Use your voice to quickly get to the AM or FM radio stations you would like to hear.

Push the VR button . After the beep, say:

- **“Tune to ninety-five-point-five FM”**

TIP: At any time, if you are not sure of what to say or want to learn a Voice Command, push the VR button  and say **“Help.”** The system provides you with a list of commands.




Uconnect 4 Radio



Uconnect 4C/4C NAV Radio

Media

Uconnect offers connections via USB, Bluetooth and auxiliary ports (If Equipped). Voice operation is only available for connected USB and AUX devices.

Push the VR button . After the beep, say one of the following commands and follow the prompts to switch your media source or choose an artist.

- **“Change source to Bluetooth”**
- **“Change source to AUX”**
- **“Change source to USB”**
- **“Play artist Beethoven”**; **“Play album Greatest Hits”**; **“Play song Moonlight Sonata”**; **“Play genre Classical”**

TIP: Press the Browse button on the touchscreen to see all of the music on your USB device. Your Voice Command must match **exactly** how the artist, album, song and genre information is displayed.



Uconnect 4 Media




Uconnect 4C/4C NAV Media

Phone

Making and answering hands-free phone calls is easy with Uconnect. When the Phonebook button is illuminated on your touchscreen, your system is ready. Check UconnectPhone.com for mobile phone compatibility and pairing instructions.

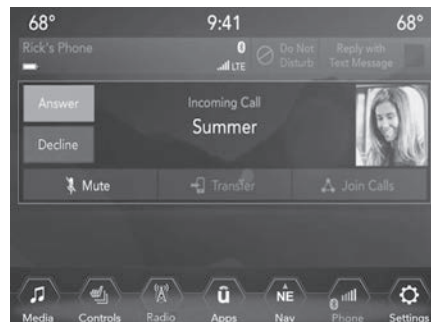
Push the Phone button . After the beep, say one of the following commands:

- “Call John Smith”
- “Dial123-456-7890 and follow the system prompts”
- “Redial (call previous outgoing phone number)”
- “Call back (call previous incoming phone number)”

TIP: When providing a Voice Command, push the Phone button  and say “Call,” then pronounce the name **exactly** as it appears in your phone book. When a contact has multiple phone numbers, you can say “Call John Smith work.”





Uconnect 4 Phone





Uconnect 4C/4C NAV Phone

Voice Text Reply — If Equipped

Uconnect announces **incoming** text messages.

Push the VR button  or Phone button  (if enabled) and say “**Listen.**” (Must have compatible mobile phone paired to Uconnect system.)

1. Once an incoming text message is read to you, push the VR button  or Phone button  (if enabled). After the beep, say: “**Reply.**”
2. Listen to the Uconnect prompts. After the beep, repeat one of the pre-defined messages and follow the system prompts.

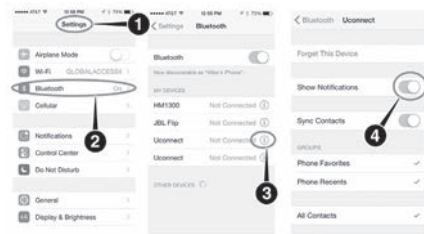
PRE-DEFINED VOICE TEXT REPLY RESPONSES		
Yes.	Stuck in traffic.	See you later.
No.	Start without me.	I'll be late.
Okay.	Where are you?	I will be 5 <or 10, 15, 20, 25, 30, 45, 60> minutes late.
Call me.	Are you there yet?	
I'll call you later.	I need directions.	See you in 5 <or 10, 15, 20, 25, 30, 45, 60> minutes.
I'm on my way.	Can't talk right now.	
I'm lost.		Thanks.

NOTE:

Only use the numbering listed, otherwise the system does not transpose the message.

TIP: Your mobile phone must have the full implementation of the **Message Access Profile (MAP)** to take advantage of this feature. For details about MAP, visit UconnectPhone.com.

Apple iPhone iOS 6 or later supports reading **incoming** text messages only. To enable this feature on your Apple iPhone, follow these four simple steps:



iPhone Notification Settings

- 1 — Select “Settings”
- 2 — Select “Bluetooth”
- 3 — Select The (i) For The Paired Vehicle
- 4 — Turn On “Show Notifications”

TIP: Voice Text Reply is not compatible with iPhone, but if your vehicle is equipped with Siri Eyes Free, you can use your voice to send a text message.

Climate

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

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

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

TIP: 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.




Uconnect 4 Climate




Uconnect 4C/4C NAV Climate

Navigation (4C NAV) — If Equipped

The Uconnect navigation feature helps you save time and become more productive when you know exactly how to get to where you want to go.

1. To enter a destination, push the VR button . After the beep, say: **“Find address 800 Chrysler Drive Auburn Hills, Michigan.”**
2. Then follow the system prompts.

TIP: To start a POI search, push the VR button . After the beep, say: **“Find nearest coffee shop.”**



Uconnect 4C NAV Navigation

Siri Eyes Free — If Equipped

Siri lets you use your voice to send text messages, select media, place phone calls and much more. Siri uses your natural language to understand what you mean and responds back to confirm your requests. The system is designed to keep your eyes on the road and your hands on the wheel by letting Siri help you perform useful tasks.

To enable Siri, push and hold, then release the Uconnect Voice Recognition (VR) button on the steering wheel. After you hear a double beep you can ask Siri to play podcasts and music, get directions, read text messages and many other useful requests.



Uconnect 4 Siri Eyes Free Available



Uconnect 4C/4C NAV With 8.4-inch Siri Eyes Free Available

Do Not Disturb

With Do Not Disturb, you can disable notifications from incoming calls and texts, allowing you to keep your eyes on the road and hands on the wheel. For your convenience, there is a counter display to keep track of your missed calls and text messages while you were using Do Not Disturb.

Do Not Disturb can automatically reply with a text message, a call or both, when declining an incoming call and send it to voicemail.

Automatic reply messages can be:

- "I am driving right now, I will get back to you shortly."
- Create a custom auto reply message up to 160 characters.

NOTE:

Only the first 25 characters can be seen on the touchscreen while typing a custom message.

While in Do Not Disturb, Conference Call can be selected so you can still place a second call without being interrupted by incoming calls.

NOTE:

- Reply with text message is not compatible with iPhones.
- Auto reply with text message is only available on phones that support Bluetooth MAP.

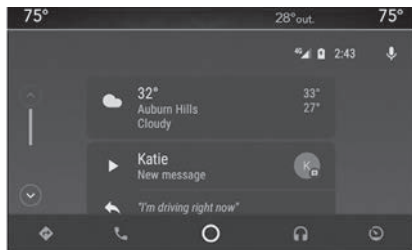
Android Auto — If Equipped

NOTE:

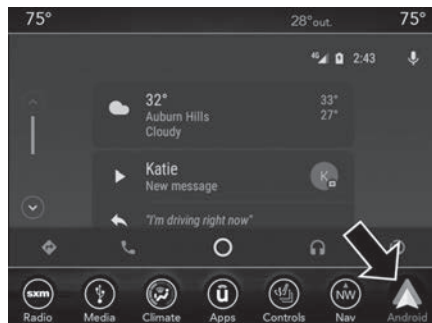
Feature availability depends on your carrier and mobile phone manufacturer. Some Android Auto features may or may not be available in every region and/or language.

Android Auto allows you to use your voice to interact with Android's best-in-class speech technology through your vehicle's voice recognition system, and use your smartphone's data plan to project your Android powered smartphone and a number of its apps onto your Uconnect touchscreen. Connect your Android 5.0 (Lollipop), or higher, to one of the media USB ports, using the factory-provided USB cable, and press the new Android Auto icon that replaces your "Phone" icon on the main menu bar to begin Android Auto. Push and hold the VR button on the steering wheel, or press and hold the "Microphone" icon within Android Auto, to activate Android's VR, which recognizes natural voice commands, to use a list of your smartphone's features:

- Maps
- Music
- Phone
- Text Messages
- Additional Apps



Android Auto On 7-inch Display



Android Auto On 8.4-inch Display

Refer to your Uconnect Owner's Manual Supplement for further information.

NOTE:

Requires compatible smartphone running Android 5.0 Lollipop or higher and download app on Google Play. Android, Android Auto, and Google Play are trademarks of Google Inc.

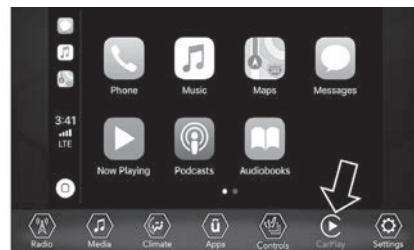
Apple CarPlay — If Equipped

NOTE:

Feature availability depends on your carrier and mobile phone manufacturer. Some Apple CarPlay features may or may not be available in every region and/or language.

Apple CarPlay allows you to use your voice to interact with Siri through your vehicle's voice recognition system, and use your smartphone's data plan to project your iPhone and a number of its apps onto your Uconnect touchscreen. Connect your iPhone 5, or higher, to one of the media USB ports, using the factory-provided Lightning cable, and press the new CarPlay icon that replaces your "Phone" icon on the main menu bar to begin Apple CarPlay. Push and hold the VR button on the steering wheel, or press and hold the "Home" button within Apple CarPlay, to activate Siri, which recognizes natural voice commands to use a list of your iPhone's features:

- Phone
- Music
- Messages
- Maps — if equipped
- Additional Apps — if equipped



Apple CarPlay On 7-inch Display



Apple CarPlay On 8.4-inch Display

Refer to your Uconnect Owner's Manual Supplement for further information.

NOTE:

Requires compatible iPhone. See dealer for phone compatibility. Data plan rates apply. Vehicle user interface is a product of Apple. Apple CarPlay is a trademark of Apple Inc. iPhone is a trademark of Apple Inc., registered in the US and other countries. Apple terms of use and privacy statements apply.

Additional Information

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CD/DVD DISC MAINTENANCE

To keep a CD/DVD in good condition, take the following precautions:

- Handle the disc by its edge; avoid touching the surface.
- If the disc is stained, clean the surface with a soft cloth, wiping from center to edge.
- Do not apply paper or tape to the disc; avoid scratching the disc.
- Do not use solvents such as benzene, thinner, cleaners, or anti-static sprays.
- Store the disc in its case after playing.
- Do not expose the disc to direct sunlight.
- Do not store the disc where temperatures may become too high.

NOTE:

If you experience difficulty in playing a particular disc, it may be damaged (e.g., scratched, reflective coating removed, a hair, moisture or dew on the disc), oversized, or have protection encoding. Try a known good disc before considering disc player service.

CUSTOMER ASSISTANCE

- IF YOU NEED ASSISTANCE366

IF YOU NEED ASSISTANCE

The manufacturer's distributors are vitally interested in your satisfaction with their products and services. If a servicing problem or other difficulty should occur, we recommend that you take the following steps:

- Discuss the problem at the authorized dealer with the dealer principal or the service manager. Management personnel at the authorized dealer are in the best position to resolve the problem quickly.
- Should this fail to resolve the problem, contact the manufacturer's distributor nearest to your location.

When you contact the distributor, please provide all of the following information:

- Your name, address and phone number.
- Vehicle Identification Number (this 17-digit number is available from a plate, visible through the windshield in the upper corner of the instrument panel on the driver's side. It is also available from your vehicle registration or title).
- Selling and servicing authorized dealer.
- Vehicle's delivery date and current odometer distance.
- Service history of your vehicle.
- An accurate description of the problem and the conditions under which it occurs.

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الفهرس

إذا احتجت إلى المساعدة

- الوكيل المعتمد للخدمة والبيع.
 - تاريخ تسليم السيارة والمسافة المقطوعة من خلال عداد السرعة.
 - تاريخ خدمة السيارة.
 - وصف دقيق للمشكلة والظروف التي حدثت فيها.
- فإن موزعي الجهة المصنعة حريصون على تلبية احتياجاتك من خلال ما يقدمونه من منتجات وخدمات. وفي حالة حدوث مشكلات في الخدمة، أو ظهور أية صعوبات أخرى، فنحن نوصي باتتباع الخطوات التالية:
- ناقش المشكلة مع الوكيل المعتمد، أو مع الوكيل المسؤول أو مدير الخدمة. حيث إن مسؤولي الإدارة الموجودين لدى الوكيل المعتمد هم أفضل من يمكنهم حل المشكلة سريعاً.
 - وإذا تعذر عليهم حل المشكلة، فاتصل بموزعي الجهات المصنعة الموجودين بالقرب من موقعك.
- وفي حالة الاتصال بالموزع، يُرجى توفير جميع المعلومات التالية:
- اسمك وعنوانك ورقم هاتفك.
 - رقم تعريف السيارة (يوجد هذا العدد المكون من 17 رقمًا على لوحة ويمكن رؤيته من خلال الزجاج الأمامي في الركن العلوي للوحة التابلوه على جانب السائق. كما يمكن الحصول عليه من خلال تسجيل السيارة أو الاسم الخاص بها).



مساعدة العملاء

• إذا احتجت إلى المساعدة ٣٩٢

Uconnect وعلامتين تجاريتين مسجلتين، كما أن Mopar Owner Connect هي علامة تجارية لشركة FCA US LLC. Android علامة تجارية لصالح Google Inc.

صيانة أقراص CD/DVD

للحفاظ على أقراص CD/DVD في حالة جيدة، قم باتباع الاحتياطات التالية:

- تعامل مع القرص من خلال حوافه وتجنب لمس سطحه.
- إذا ظهرت بقع على القرص، فتنظف سطح القرص بقطعة قماش ناعمة مع المسح من المنتصف إلى الحافة.
- لا تضع أوراقا أو أسرطة على القرص وتجنب خدش القرص.
- لا تستخدم المواد المذيبة مثل البنزين أو الثنر أو المنظفات أو الرذاذ المانع للكهرباء للاستاتيكية.
- خزن القرص في علبته بعد انتهاء تشغيله.
- لا تعرض القرص لأشعة الشمس المباشرة.
- لا تخزن القرص حيث ترتفع درجات الحرارة للغاية.

ملاحظة:

إذا واجهتك مشكلة عند تشغيل قرص معين، فقد يكون القرص تالفاً (مخدوشاً أو أزيلت طبقته العاكسة أو عليه شعر أو رطوبة أو نداوة على سبيل المثال) أو حجمه زائد أو يشتمل على ترميز حماية. جرب أحد الأقراص الجيدة قبل التفكير بالتوجه إلى خدمة إصلاح مشغل الأقراص.



نظام Apple CarPlay في شاشة عرض بحجم 8.4 بوصات

راجع ملحق دليل مالك نظام Uconnect لمزيد من المعلومات.

ملاحظة:

يتطلب هاتف iPhone متوافقاً. راجع الوكيل لمعرفة توافق الهاتف. تنطبق أسعار خطة البيانات. واجهة مستخدم السيارة من إنتاج Apple. إن Apple CarPlay هي علامة تجارية لصالح شركة Apple Inc. وتعد iPhone علامة تجارية لصالح شركة Apple Inc. المسجلة في الولايات المتحدة الأمريكية ودول أخرى. تنطبق شروط الاستخدام وبيانات الخصوصية الخاصة بـ Apple.

معلومات إضافية

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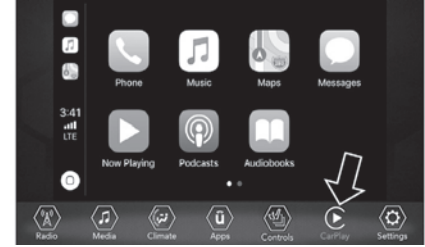
• Phone (الهاتف)

• Music (الموسيقى)

• Messages (الرسائل)

• خرائط - إذا كانت السيارة مزودة بذلك

• التطبيقات الإضافية - إذا كانت السيارة مزودة بذلك



نظام Apple CarPlay في شاشة عرض بحجم 7 بوصات

ملاحظة:

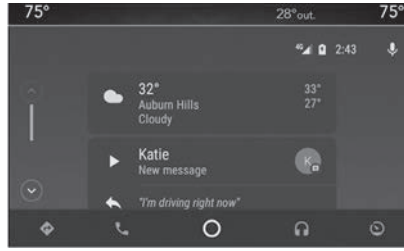
يتطلب هاتفًا نكيًا متوافقًا يعمل بنظام التشغيل Android 5.0 Lollipop أو أحدث وتنزيل تطبيق متجر Google Play. إن Android Auto، وAndroid Auto، وGoogle Play هي علامات تجارية لصالح شركة Google Inc.

Apple CarPlay — إذا كانت السيارة مزودة بذلك

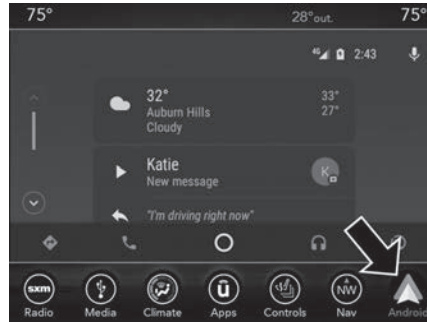
ملاحظة:

يعتمد توفر الميزة على شبكة المحمول والجهة المُصنِّعة للهاتف المحمول الخاص بك. قد تتوفر بعض ميزات Apple CarPlay أو لا تتوفر في كل منطقة و/أو بكل اللغات.

يتيح لك نظام Apple CarPlay استخدام صوتك للتفاعل مع Siri عبر نظام التعرف على الصوت بالسيارة واستخدام خطة بيانات الهاتف الذكي لعرض هاتف iPhone الخاص بك وكذلك عددًا من تطبيقاته على شاشة اللمس لنظام Uconnect. صل هاتف iPhone 5 أو الأحدث بأحد منافذ USB الخاصة بالوسائط، باستخدام كابل الإضاءة المُقدم من المصنع، ثم اضغط على رمز CarPlay الجديد الذي يحل محل رمز محل "Phone" (الهاتف) الموجود بشريط القائمة الرئيسية لبدء نظام Apple CarPlay. اضغط مع الاستمرار على زر VR (التعرف على الصوت) الموجود على عجلة القيادة أو اضغط مع الاستمرار على زر "Home" (الرئيسية) في نظام Apple CarPlay، لتنشيط Siri، الذي يتعرف على أوامر الصوت الطبيعية لاستخدام قائمة ميزات iPhone:



Android Auto في شاشة عرض بحجم 7 بوصات



Android Auto في شاشة عرض بحجم 8.4 بوصات

راجع ملحق دليل مالك نظام Uconnect لمزيد من المعلومات.

يتيح لك تطبيق Android Auto استخدام صوتك للتفاعل مع تقنية التحدث الأفضل في فتحها من Android من خلال نظام التعرف على الصوت بالسيارة، واستخدام خطة بيانات الهاتف الذكي لعرض الهواتف الذكية التي تعمل بنظام Android وعدداً من التطبيقات على شاشة اللمس لنظام Uconnect. قم بتوصيل هاتف Android 5.0 (الذي يعمل بنظام Lollipop) أو الأحدث، بأحد منافذ وسائط USB، باستخدام كابل USB المقدم من المصنع، واضغط على رمز Android Auto الجديد الذي يحل محل رمز "Phone" (الهاتف) على شريط القائمة الرئيسية لبدء Android Auto. ثم اضغط مطولاً على زر VR (التعرف على الصوت) على عجلة القيادة أو اضغط مطولاً على رمز "Microphone" (الميكروفون) في Android Auto، لتنشيط خاصية VR (التعرف على الصوت) بهاتف Android، التي تتعرف على أوامر الصوت الطبيعية، لاستخدام قائمة ميزات الهاتف الذكي:

- Maps (الخرائط)
- Music (الموسيقى)
- Phone (الهاتف)
- Text Messages (الرسائل النصية)
- Additional Apps (التطبيقات الإضافية)

يمكن أن تكون رسائل الرد التلقائي كما يلي:

- "I am driving right now, I will get back to you shortly" (أنا أقود الآن، سأعود الاتصال بك خلال وقت قصير)
- قم بإنشاء رسالة رد تلقائي مخصصة تصل إلى 160 حرفاً.

ملاحظة:

يمكن رؤية أول 25 حرفاً فقط على شاشة اللمس أثناء كتابة رسالة مخصصة.

أثناء تشغيل في ميزة Do Not Disturb (عدم الإزعاج)، يمكن تحديد المكالمات الجماعية بحيث لا يزال بإمكانك إجراء مكالمات ثانية دون مقاطعة المكالمات الواردة.

ملاحظة:

- الرد برسالة نصية غير متوافق مع أجهزة iPhones.
- يتوفر الرد التلقائي برسالة نصية فقط على الهواتف التي دعم Bluetooth MAP

Android Auto — إذا كانت السيارة مزودة بذلك

ملاحظة:

يعتمد توفر الميزة على شبكة المحمول والجهة المُصنِّعة للهاتف المحمول الخاص بك. قد تتوفر بعض ميزات Android Auto أو لا تتوفر في كل منطقة و/أو بكل اللغات.



نظام Uconnect 4C/4C NAV مع نظام Siri Eyes Free بحجم 8.4 بوصات متاح

ميزة Do Not Disturb (عدم الإزعاج)

بفضل ميزة Do Not Disturb (عدم الإزعاج)، يمكنك تعطيل إشعارات من المكالمات الواردة والنصوص، مما يتيح لك التركيز على الطريق ويديك على العجلة. لراحتك، توجد شاشة عداد لتعقب المكالمات التي لم يتم الرد عليها والرسائل النصية أثناء استخدام ميزة Do Not Disturb (عدم الإزعاج).

بإمكان ميزة Do Not Disturb (عدم الإزعاج) الرد تلقائيًا على رسالة نصية، أو مكالمة أو كليهما، عند رفض مكالمات واردة وإرسالها إلى البريد الصوتي.

لتمكن ميزة Siri، اضغط مطولاً على زر (التعرّف على الصوت) بنظام Uconnect الموجود على عجلة القيادة ثم حرره. بعد سماع صافرة مزدوجة، يمكنك مطالبة ميزة Siri بتشغيل البث الأجهزة المحمولة والموسيقى والحصول على الاتجاهات وقراءة الرسائل النصية المقروءة والعديد من الطلبات المفيدة الأخرى.



نظام Uconnect 4 Siri Eyes Free متاح

تلميح:
لبدء البحث عن مكان هام، اضغط على زر VR (التعرّف على الصوت) **Find** على الصوت) **nearest** (البحث عن أقرب مقهى".



نظام الملاحة Uconnect 4C NAV

ميزة Siri Eyes Free - إذا كانت السيارة مزودة بذلك

تتيح لك ميزة Siri استخدام صوتك لإرسال الرسائل النصية، وتحديد الوسائط وإجراء المكالمات هاتفية وغيرها المزيد. تستخدم ميزة Siri اللغة الطبيعية لفهم ما تقصد وتقوم بالاستجابة مرة أخرى لتأكيد طلباتك. تم تصميم النظام للمحافظة على بقاء عينك على الطريق وبديك على عجلة القيادة وذلك بترك ميزة Siri تساعدك على تنفيذ مهام مفيدة.



درجة الحرارة في نظام Uconnect 4C NAV

الملاحة (4C NAV) - إذا كانت السيارة مزودة بذلك
تساعدك ميزة نظام Uconnect navigation على توفير الوقت وتصبح أكثر إنتاجية عندما تعرف تمامًا كيفية الوصول إلى الموقع الذي تريد الانتقال إليه.

1. لإدخال وجهة، اضغط على زر VR (التعرّف على الصوت) **Find** . بعد سماع الصافرة، قل: "Find address 800 Chrysler Drive Auburn Hills, Michigan (العثور على عنوان 800 Chrysler Drive Auburn Hills, Michigan).

2. ثم اتبع مطالبات النظام.

اضغط على زر VR (التعرّف على الصوت) **Find** . بعد سماع الصافرة، قل أيًا من الأوامر التالية:

• **"Set the driver temperature to 20 degrees"** (ضبط درجة حرارة السائق على 20 درجة)

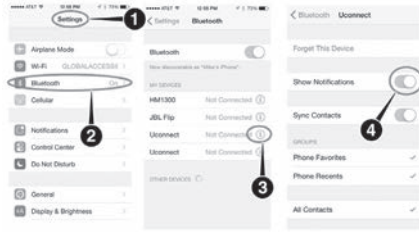
• **"Set the passenger temperature to 20 degrees"** (ضبط درجة حرارة الراكب على 20 درجة)

تلميح:

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.



Uconnect 4 Climate



إعدادات إشعار iPhone

- 1 - تحديد "Settings" (الإعدادات)
- 2 - تحديد "Bluetooth"
- 3 - تحديد (i) للسيارة المقترنة
- 4 - تشغيل "Show Notifications" (إظهار الإشعارات)

تلميح:

لا يتوافق الرد على النص الصوتي مع iPhone، ولكن إذا كانت سيارتك مزودة بنظام Siri Eyes Free، فيمكنك استخدام صوتك لإرسال رسالة نصية.

Climate (درجات الحرارة)

الحر شديد؟ البرد شديد؟ قم بضبط درجة حرارة السيارة دون استخدام اليدين وحافظ على راحة كل شخص أثناء التحرك قدامًا في الطريق. (إذا كانت السيارة مزودة بنظام التحكم في درجة الحرارة).

ملاحظة:

استخدم فقط الأرقام المدرجة بالقائمة وإلا فلن يفسر النظام الرسالة.

تلميح:

يجب أن يكون لدى هاتفك المحمول التطبيق الكامل لخاصية **MAP** (ملف تعريف الوصول إلى الرسائل) للاستفادة من هذه الميزة. للحصول على تفاصيل حول خاصية MAP، تفضل بزيارة UconnectPhone.com.

يدعم نظام Apple iPhone iOS6 أو الأحدث قراءة الرسائل النصية الواردة فقط. لتمكين هذه الميزة على جهاز Apple iPhone، اتبع هذه الخطوات الأربع البسيطة:

الردود مسبقاً التحديد على النص الصوتي		
I will be 5 <or 10, 15, 20, 25, 30, 45, 60> minutes late (سوف أتأخر لمدة 5 >أو 10، أو 15، أو 20، أو 25، أو 30، أو 45، أو 60 دقيقة).	Where are you? (أين أنت؟)	Okay (موافق).
	Are you there yet? (هل كنت هنا من قبل؟)	Call me (اتصل بي).
See you in 5 <or 10, 15, 20, 25, 30, 45, 60> (أراك في غضون 5 >أو 10، أو 15، أو 20، أو 25، أو 30، أو 45، أو 60 دقيقة).	I need directions. (أحتاج إلى التوجيهات).	I'll call you later. (سأتصل بك في وقت لاحق).
	Can't talk right now. (لا يمكنني التحدث في وقت لاحق).	"I'm on my "way." (أنا في طريقي).
Thanks (شكراً).		I'm lost. (أنا تائه).

الهاتف (إذا كان ممكناً) وقل "Listen" (استمع) يجب وجود هاتف محمول متوافق مقترن بنظام Uconnect).

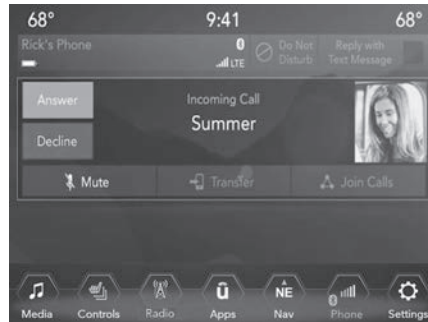
1. بمجرد قراءة رسالة نصية واردة لك، اضغط على زر VR (التعرّف على الصوت) أو زر الهاتف (إذا كان ممكناً). بعد سماع الصافرة، قل: "Reply" (الرد).

2. استمع إلى مطالبات نظام Uconnect. بعد سماع الصافرة، كرر إحدى الرسائل المحددة مسبقاً، واتبع مطالبات النظام.

الردود مسبقاً التحديد على النص الصوتي		
See you later (أراك لاحقاً).	Stuck in traffic (عالق في زحام المرور).	Yes (نعم).
I'll be late. (سأتأخر).	Start without me (ابدأ بدوني).	No (لا).



نظام Uconnect 4 Phone



نظام Uconnect 4C/4C NAV Phone

الرد على النص الصوتي - إذا كانت السيارة مزودة بذلك سيعلن نظام Uconnect عن رسائل نصية واردة. اضغط على زر VR (التعرّف على الصوت) أو زر

هذا يعني أن النظام جاهزاً. تحقق من الموقع UconnectPhone.com لمعرفة مدى توافق الهاتف المحمول وتعليمات الإقران.

اضغط على زر Phone (الهاتف) بعد سماع الصافرة، قل أيًا من الأوامر التالية:

- "Call" (الاتصال) بجون سميث"
- "Dial" (طلب) رقم 123-456-7890 واتبع مطالبات النظام"
- "Redial" (إعادة الطلب) (رقم هاتف المكالمة السابقة الصادرة)"
- "Call back" (معاودة الاتصال) (رقم هاتف المكالمة السابقة الواردة)"

تلميح:

عند إعطاء أمر صوتي، اضغط على زر Phone (الهاتف) وقل "Call" (اتصال)، ثم قل الاسم تماماً كما يظهر في دفتر الهاتف لديك، حين تشتمل جهة الاتصال على العديد من أرقام الهواتف، يمكنك قول "Call" (طلب) جون سميث work (العمل)".



نظام Uconnect 4 Media



نظام Uconnect 4C/4C NAV Media

Phone (الهاتف)

إجراء مكالمات هاتفية بخاصية التحدث عن بُعد والرد عليها بسهولة باستخدام نظام Uconnect. عندما يضيء زر Phonebook (دفتر الهاتف) على شاشة اللمس،

Media (الوسائط)

يوفر نظام Uconnect اتصالات عبر USB وBluetooth والمنفذ الإضافية (إذا كانت السيارة مزودة بذلك). يتوفر تشغيل الصوت فقط لأجهزة USB وAUX المتصلة.

اضغط على زر VR (التعرّف على الصوت). بعد سماع الصافرة، قل أيًا من الأوامر التالية، واتبع المطالبات للانتقال إلى مصدر الوسائط أو لاختيار فنان.

• "Change source to" (تغيير المصدر إلى) "Bluetooth"

• "Change source to" (تغيير المصدر إلى) "AUX"

• "Change source to" (تغيير المصدر إلى) "USB"

• "Play artist" (تشغيل الفنان) بينهوفن؛ "album" (تشغيل الألبوم) "Greatest Hits"؛ "Play song" (تشغيل الأغنية) "Moonlight"؛ "Play genre" (تشغيل نوع موسيقى) "Sonata" كلاسيكية"

تلميح:

اضغط على زر Browse (استعراض) على شاشة اللمس لمشاهدة جميع ملفات الموسيقى على جهاز USB. الأوامر الصوتية الخاصة بك يجب أن تتطابق تمامًا مع كيفية عرض معلومات الفنان أو الألبوم أو الأغنية أو نوع الموسيقى.



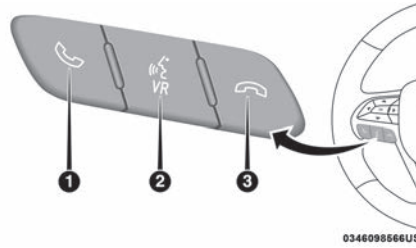
الراديو بنظام Uconnect 4



نظام Uconnect 4C/4C NAV Radio

تلميحات مفيدة لاستخدام ميزة التعرف على الصوت:

- تفضل زيارة UconnectPhone.com للتحقق من توافق الجهاز والميزة وللعثور على تعليمات إقران الهاتف.
- تقليل الضوضاء الموجودة في الخلفية. 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. الميكروفون موضوع في مرآة الرؤية الخلفية وموجه ناحية السائق.
- في كل مرة تقوم فيها بإعطاء أمر صوتي، يجب عليك أولاً الضغط إما على زر Voice Recognition (التعرف على الصوت) أو Phone (الهاتف)، والانتظار حتى **بعد** سماع الصافرة، ثم قل الأمر الصوتي.
- يمكنك مقاطعة رسالة التعليمات أو مطالبات النظام عن طريق الضغط على زر VR (التعرف على الصوت) أو الهاتف ونطق أمر صوتي من الفئة الحالية.



أزرار الأوامر الصوتية بنظام Uconnect

- 1 - اضغط لبدء مكالمة هاتفية أو الرد عليها، أو إرسال نص أو استلامه
- 2 — لجميع أجهزة الراديو: اضغط لبدء الأوامر الصوتية
- 3 - اضغط لإنهاء المكالمة

الأوامر الصوتية الأساسية

يمكن إعطاء الأوامر الصوتية الأساسية الموضحة أدناه في أي وقت أثناء استخدام نظام Uconnect.

اضغط على زر VR (التعرف على الصوت) VR . 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. حيث تظهر الإشارات على شاشة اللمس.

الراديو

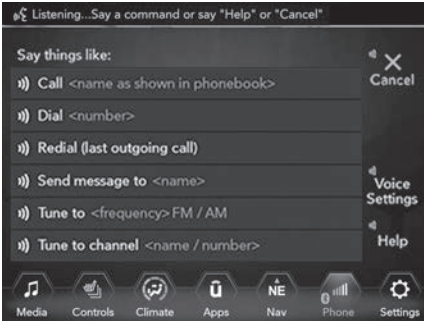
استخدم صوتك للوصول سريعاً إلى محطات راديو AM أو FM التي تود في الاستماع إليها.

اضغط على زر VR (التعرف على الصوت) VR . بعد سماع الصافرة، قل:

- **"Tune to"** (قم بالتوليف إلى) تسعة وخمسين فاصل خمسة من موجة FM

تلميح:

في أي وقت، إذا لم تكن متأكدًا مما ترغب في قوله أو ترغب في تهيئته باستخدام الأمر الصوتي، فاضغط على زر VR (التعرف على الصوت) VR وقل **"Help"** (مساعدة). فسيوفر لك النظام قائمة بالأوامر.



نظام Uconnect 4C/4C NAV

إذا رأيت رمز NAV (الملاحة) في الشريط السفلي، أو في قوائم Apps (التطبيقات)، بشاشة اللمس بحجم 8.4 بوصات، فهذا يعني أن لديك نظام Uconnect 4C NAV. وإذا لم يظهر، فهذا يعني أن لديك نظام Uconnect 4C المزود بشاشة عرض بحجم 8.4 بوصات.

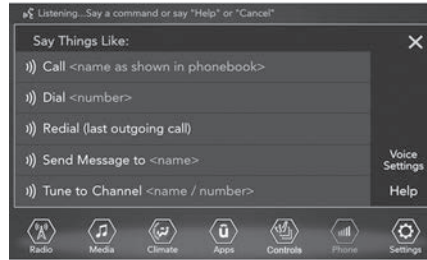
البدء

كل ما تحتاجه للتحكم في نظام Uconnect مع صوتك هي الأزرار الموجودة على عجلة القيادة.

تلميحات سريعة حول ميزة التعرف على الصوت بنظام UCONNECT

تقديم نظام Uconnect

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 Uconnect 4 أو Uconnect 4C/4C NAV.



نظام Uconnect 4

تم التصنيع من قِبل Dolby Digital و MLP Lossless بترخيص من معامل Dolby Laboratories. تعتبر دولبي "Dolby"، و"MLP Lossless" ورمز D المزوج علامات تجارية مملوكة لمعامل Dolby Laboratories. الأعمال السريعة غير المنشورة. حقوق النشر لعام 1992-1997 محفوظة لمعامل Dolby Laboratories. جميع الحقوق محفوظة.

تشغيل الراديو والهواتف المحمولة

في ظروف معينة، قد يؤدي تشغيل الهاتف المحمول بسيارتك إلى عمل الراديو بشكل مشوش أو محدثًا ضجة. يمكن تقليل هذا التشويش أو إنهائه بتغيير موقع هوائي الهاتف المحمول. وهذه الحالة لا تضر بالراديو. إذا لم يكن أداء الراديو مرضيًا حتى مع تغيير موضع الهوائي، فينصح بخفض أو إيقاف صوت الراديو أثناء تشغيل الهاتف الخليوي عند عدم استخدام نظام Uconnect (إذا كانت السيارة مزودة بذلك).

إذا كنت لا تزال تواجه مشكلات في الكتابة على قرص قابل للتشغيل في مشغل أقراص Blu-ray، فتتحقق من ناشر برنامج تسجيل الأقراص لمزيد من المعلومات حول تسجيل الأقراص القابلة للتشغيل.

الطريقة الموصى بها لتميز الأقراص القابلة للتسجيل (CD-R أو CD-RW أو DVD-R) هي قلم التمييز غير القابل للإزالة. لا تستخدم الملصقات التي تحتوي على مواد لاصقة حيث يمكن أن تنفصل عن القرص، أو تصبغ عالق، وتسبب تلفاً دائماً لمشغل أقراص DVD.

ملفات الصوت المضغوطة (MP3 وWMA)

يتمكن مشغل أقراص Blu-ray من تشغيل ملفات MP3 (MPEG-1 الطبقة الصوتية 3) و WMA (Windows Media Audio) من قرص CD Data (عادةً ما يكون قرص CD-R أو قرص CD-RW).

يستخدم مشغل أقراص Blu-ray امتداد الملف دائماً لتحديد تنسيق الصوت، لذا يجب أن تنتهي الملفات بتنسيق MP3 دائماً بالامتداد "mp3" أو "MP3". كما يجب أن تنتهي الملفات بتنسيق WMA بالامتداد "wma" أو "WMA". لتجنب التشغيل غير الصحيح، لا تستخدم هذه الامتدادات لأي أنواع أخرى من الملفات.

بالنسبة لملفات MP3، يتم دعم بيانات علامة الإصدار ID3 1 (مثل اسم الفنان، عنوان المسار، الألبوم، وما إلى ذلك).

• لن يتم تشغيل أي ملف محمي بموجب حقوق النشر (مثل تلك الملفات التي تم تنزيلها من العديد من متاجر الموسيقى على الإنترنت). سيخطئ مشغل أقراص Blu-ray الملف تلقائياً ويبدأ في تشغيل الملف التالي المتاح.

• لن تعمل تنسيقات الضغط الأخرى مثل AAC أو MP3 Pro أو Ogg Vorbis أو ATRAC3. سيخطئ مشغل أقراص Blu-ray الملف تلقائياً ويبدأ في تشغيل الملف التالي المتاح.

• إذا كنت تقوم بإنشاء ملفاتك الخاصة، فإن معدل البت الثابت الموصى به لملفات MP3 بين 96 و192 كيلو بت في الثانية ومعدل البت الثابت الموصى به لملفات WMA بين 64 و192 كيلو بت في الثانية. كما يتم أيضاً دعم معدلات البت المتغيرة. بالنسبة لكلا التنسيقين، عينة الإشارة الموصى بها إما 44.1 كيلو هرتز أو 48 كيلو هرتز.

• لتغيير الملف الحالي، استخدم الزر ▲ في وحدة التحكم عن بُعد أو في مشغل أقراص Blu-ray للتقدم إلى الملف التالي، أو الزر ▼ للعودة إلى بداية الملف الحالي أو إلى الملف السابق.

أخطاء القرص

إذا كان مشغل أقراص Blu-ray غير قادراً على قراءة القرص، فسيتم عرض رسالة "Disc Error" (خطأ في

القرص) في شاشات عرض الراديو. الاتساح أو التلف أو عدم توافق التنسيق كلها أسباب محتملة لرسالة "Disc Error" (خطأ في القرص).

إذا كان القرص يحتوي على مسار تالف ينتج عنه أخطاء صوتية أو مرئية تستمر لمدة ثانيتين، فسيحاول مشغل أقراص Blu-ray متابعة تشغيل القرص من خلال التخطي للأمام بمقدار ثانية إلى ثلاث ثوان في المرة الواحدة. عند الوصول إلى نهاية القرص، فسيعود مشغل أقراص Blu-ray إلى بداية القرص ويحاول تشغيل بداية المسار الأول.

قد يتوقف تشغيل مشغل أقراص Blu-ray أثناء ظروف درجات الحرارة الشديدة مثلاً عندما تكون درجة الحرارة الداخلية للسيارة أعلى من 48.9 درجة مئوية (120 درجة فهرنهايت). عند حدوث ذلك، سيعرض المشغل رسالة "High Temp" (درجة الحرارة مرتفعة) ويتم إيقاف تشغيل شاشات المقعد الخلفي حتى يتم الوصول إلى درجة حرارة آمنة. هذا التوقف ضروري لحماية الأجهزة الضوئية لمشغل أقراص Blu-ray.

اتفاقية المنتج

يشتمل هذا المنتج على تقنية لحماية حقوق النشر محمية بحقوق براءات الاختراع الأمريكية وحقوق الملكية الفكرية الأخرى. إن استخدام تقنية حماية حقوق النشر يجب أن يكون مصرحاً به من شركة Macrovision وهذه التقنية مخصصة للعروض المنزلية أو العروض المحدودة الأخرى فقط ما لم تصرح شركة Macrovision بغير ذلك. يحظر الهندسة العكسية أو تفكيك المنتج.

- لتغيير وضع الصوت الحالي، اضغط على زر SOURCE (المصدر) بوحدة التحكم عن بُعد. سيعمل هذا أوتوماتيكياً على تحديد وضع الصوت التالي المتاح دون استخدام قائمة Mode/Source Select (الوضع/تحديد المصدر).

- عند إعادة فتح الشاشة، سيتم تشغيل شاشة الفيديو تلقائياً وستعرض قائمة شاشة العرض أو الوسائط المناسبة.

إذا كانت الشاشة مغلقة ولا يُسمع صوت، فتتحقق من تشغيل سماعات الرأس (أي أن مؤشر ON (تشغيل) مضاء) وأن مفتاح تحديد سماعات الرأس على القناة المطلوبة. إذا كانت سماعات الرأس قيد التشغيل، فاضغط على زر التشغيل بوحدة التحكم عن بُعد لتشغيل الصوت. إذا ظل الصوت غير مسموع، فتتحقق من أن البطاريات المشحونة بالكامل مثبتة داخل سماعات الرأس.

تنسيقات القرص

مشغل أقراص Blu-ray قادر على تشغيل أنواع الأقراص التالية بقطر 4.7 بوصات (12 سم):

- أقراص BD: BDMV (نموذج 1.1)، BDAV (نموذج 1.1)

- أقراص DVD: أقراص DVD-Video أو DVD-Audio أو AVCHD أو AVC-REC أو DVD-VR

- الأقراص المضغوطة: CD-DA أو VCD أو CD-TEXT

- أقراص DVD/الأقراص المضغوطة: MP3 أو WMA أو AAC أو DivX (الإصدارات 3 – 6) نموذج 3.0

رموز مناطق أقراص DVD

يتم ترميز مشغل أقراص Blu-ray والعديد من أقراص DVD بحسب المنطقة الجغرافية. يجب أن تتطابق رموز المناطق كي يمكن تشغيل القرص. إذا كان رمز المنطقة لقرص DVD لا يطابق رمز المنطقة الخاص بالمشغل، فلن يتم تشغيل القرص.

الدعم الصوتي لقرص DVD

عند إدخال قرص DVD-Audio في مشغل أقراص Blu-ray، يتم تشغيل عنوان DVD-Audio على القرص بشكل افتراضي (تحتوي معظم أقراص DVD-Audio على عنوان فيديو أيضًا، ولكن يتم تجاهل عنوان الفيديو). يتم دمج جميع مواد البرنامج متعدد القنوات إلى قناتين، وهو ما يمكن أن يؤدي إلى انخفاض ظاهر في مستوى الصوت. إذا قمت برفع مستوى الصوت لتعويض هذا التغيير في مستوى الصوت، فتذكر خفض مستوى الصوت قبل تغيير القرص أو التغيير إلى وضع آخر.

الأقراص المسجلة

سيقوم مشغل أقراص Blu-ray بتشغيل الأقراص CD-R و CD-RW المسجلة بتنسيق CD-Audio أو Video-CD أو كقرص CD-ROM يحتوي على ملفات MP3 أو WMA. سيقوم المشغل أيضًا بتشغيل محتوى

DVD-Video مسجل على قرص DVD-R أو DVD-RW. ولا يتم دعم أقراص DVD-ROM (سواء مضغوطة أو مسجلة).

إذا قمت بتسجيل قرص باستخدام كمبيوتر شخصي، فقد تكون هناك حالات حيث لا يتمكن مشغل أقراص Blu-ray من تشغيل بعض محتوى القرص أو كامله، حتى لو تم تسجيله بتنسيق متوافق وقد يتم تشغيله على المشغلات الأخرى. للمساعدة في تجنب مشكلات التشغيل، استخدم الإرشادات التالية عند تسجيل الأقراص.

- يتم تجاهل الجلسات المفتوحة. الجلسات المغلقة فقط قابلة للتشغيل.

- بالنسبة للأقراص المضغوطة متعددة الجلسات التي تحتوي على جلسات CD-Audio متعددة، سيقوم المشغل بإعادة ترقيم المسارات حتى يكون رقم كل مسار فرديًا.

- بالنسبة لأقراص CD Data (أو CD-ROM)، استخدم تنسيق ISO-9660 (المستوى 1 أو المستوى 2) أو Joliet أو Romeo. لا يتم دعم التنسيقات الأخرى (مثل UDF أو HFS أو التنسيقات الأخرى).

- يتعرف المشغل على 512 ملف و 99 مجلد بحد أقصى لكل قرص CD-R وقرص CD-RW.

- ستقوم تنسيقات أقراص DVD القابلة لتسجيل الوسائط المدمجة بتشغيل جزء Video_TS من القرص فقط.

ما الذي لا يغطيه هذا الضمان؟ لا يغطي هذا الضمان أي تلف أو عيب ينتج عن سوء استخدام المنتج أو إساءة استعماله أو تعديله بواسطة طرف آخر غير شركة Aptiv لن يغطي الضمان على وجه الخصوص سماعات الأذن المصنوعة من الفوم والتي تستخدم كثيرًا خلال الاستخدام العادي (يتوفر فوم الاستبدال مقابل رسوم رمزية). لا تتحمل APTIV مسؤولية أي إصابات أو أضرار تحدث للأشخاص أو الممتلكات والتي تنجم عن استخدام المنتج أو حدوث عطل به أو وجود عيب به، كما لا تتحمل APTIV أي مسؤولية عامة أو خاصة أو مباشرة أو غير مباشرة أو عرضية أو تبعية أو تحذيرية تأديبية أو أي أضرار أخرى من أي نوع أو طبيعة مهما كانت. قد لا تسمح بعض الدول والسلطات القضائية باستثناء أو تحديد الأضرار العرضية أو التبعية، وبالتالي فإن الحدود الموضحة أعلاه قد لا تنطبق عليك. حيث يمنحك هذا الضمان حقوقًا قانونية معينة. قد يكون لديك أيضًا بعض الحقوق الأخرى والتي تختلف من سلطة قضائية إلى أخرى.

ما الذي ستقوم به Aptiv؟ ستقوم Aptiv، بناءً على اختيارها بإصلاح أو استبدال أي منتج تالف. تحتفظ Aptiv بالحق في استبدال أي منتج تعطل بطراز آخر مماثل. هذا الضمان هو الضمان الوحيد لهذا المنتج وهو يحدد الوسيلة الوحيدة في ما يتعلق بالمنتجات المعيبة وهو يحل محل جميع الضمانات الأخرى (الصريحة أو الضمنية)، بما في ذلك أي ضمان بقابلية المنتج للتسويق أو الملاءمة لغرض معين.

إذا كانت لديك أي أسئلة أو تعليقات بشأن سماعات الرأس اللاسلكية من Aptiv، أو لتسجيل سماعات الرأس اللاسلكية الخاصة بك، فيرجى الاتصال:

1-248-724-5900

System Information (معلومات النظام)

قائمة Disc (القرص)

عند الاستماع لقرص مضغوط صوتي أو قرص بيانات القرص المضغوط، يعمل الضغط على زر POP UP/MENU (المنبثقة/القائمة) بوحدة التحكم عن بُعد إلى عرض قائمة بكل الأوامر التي تعمل على التحكم في تشغيل القرص.

إعدادات شاشة العرض



إعدادات شاشة عرض الفيديو

عند مشاهدة مصدر فيديو (قرص Blu-ray أو فيديو DVD مع وجود القرص في وضع Play (التشغيل) أو Aux (الأجهزة الإضافية) أو الفيديو أو ما شابه)، يؤدي الضغط على زر SETUP (إعداد) بوحدة التحكم عن بُعد إلى تنشيط قائمة Display Settings (إعدادات شاشة العرض). تتحكم هذه الإعدادات في ظهور الفيديو على الشاشة. يتم ضبط الإعدادات الافتراضية للمصنع للحصول على أفضل مشاهدة، لذا لا توجد حاجة إلى تغيير هذه الإعدادات في ظل الظروف العادية.

لتغيير الإعدادات، اضغط على أزرار التنقل (▲، ▼) بوحدة التحكم عن بُعد لتحديد أحد العناصر، ثم اضغط على أزرار التنقل (◀، ▶) بوحدة التحكم عن بُعد لتغيير قيمة العنصر المحدد حاليًا. لإعادة جميع القيم إلى الإعدادات الأصلية، حدد خيار قائمة Default Settings (الإعدادات الافتراضية)، ثم اضغط على زر ENTER/OK (إدخال/موافق) بوحدة التحكم عن بُعد.

تتحكم ميزات القرص في إعدادات مشغل Blu-ray البعيد (إذا كانت السيارة مزودة بذلك) الخاصة بقرص DVD الجاري مشاهدته في المشغل البعيد.

الاستماع إلى الصوت عندما تكون الشاشة مغلقة للاستماع إلى جزء صوتي فقط من القناة عندما تكون الشاشة مغلقة:

- اضبط الصوت على المصدر والقناة المطلوبين.
- أغلق شاشة الفيديو.

تشغيل سماعات الرأس

تستقبل سماعات الرأس قناتين مختلفتين للصوت باستخدام جهاز الإرسال الذي يعمل بالأشعة تحت الحمراء من شاشة الفيديو.

في حالة عدم سماع صوت بعد رفع مستوى الصوت، تأكد من تشغيل الشاشة وأنه لم يتم كتم صوت القناة وأن مفتاح تحديد قناة سماعة الرأس على القناة المطلوبة. إذا ظل الصوت غير مسموع، فتحقق من أن البطاريات المشحونة بالكامل مثبتة داخل سماعات الرأس.



0449097670US

سماعات الرأس الترفيحية للمقاعد الخلفية

1 — زر الطاقة

2 — مفتاح التحكم في مستوى الصوت

3 — مفتاح تحديد القناة

Controls (مفاتيح التحكم)

يوجد مؤشر تشغيل سماعة الرأس ومفاتيح التحكم في سماعة الأذن اليمنى.

ملاحظة:

يجب تشغيل نظام الفيديو الخلفي قبل أن يمكنك سماع الصوت من سماعات الرأس. للمحافظة على عمر البطارية، سيتم إيقاف تشغيل سماعات الرأس أوتوماتيكيًا بعد ثلاث دقائق تقريبًا من إيقاف تشغيل نظام الفيديو الخلفي.

تغيير وضع الصوت لسماعات الرأس

1. تأكد من أن مفتاح تحديد القناة/الشاشة بوحدة التحكم عن بُعد في نفس الوضع تمامًا مثل مفتاح تحديد سماعة الرأس.

ملاحظة:

• عندما تكون كل من سماعة الرأس ومحدد قناة وحدة التحكم عن بُعد على القناة 1، تتحكم وحدة التحكم عن بُعد في القناة 1 ويتم توليف سماعات الرأس على الصوت على القناة 1.

• عندما تكون كل من سماعة الرأس ومحدد قناة وحدة التحكم عن بُعد على القناة 2، تتحكم وحدة التحكم عن بُعد في القناة 2 ويتم توليف سماعات الرأس على الصوت على القناة 2.

2. اضغط على زر SOURCE (المصدر) بوحدة التحكم عن بُعد.

3. سيعمل الضغط على زر SOURCE (المصدر) على التقدم إلى الوضع التالي.

4. عندما تظهر قائمة Mode Selection (تحديد الوضع) على الشاشة، استخدم أزرار المؤشر بوحدة التحكم عن بُعد للانتقال إلى الأوضاع المتاحة، ثم اضغط على زر OK (موافق) لتحديد الوضع الجديد.

5. لإلغاء قائمة Mode Selection (تحديد الوضع)، اضغط على زر BACK (رجوع) بوحدة التحكم عن بُعد.

استبدال بطاريات سماعة الرأس

يطلب كل طاقم من أطقم سماعات الرأس بطاريتين AAA ليتم تشغيله. لاستبدال البطاريات:

1. حدد موضع البطاريات بسماعة الأذن اليسرى بسماعات الرأس، ثم أنزل غطاء البطارية لأسفل.

2. استبدل البطاريات، تأكد من توجيه البطاريات وفقًا للرسم التوضيحي للقبطية.

3. أعد تركيب غطاء موضع البطارية.

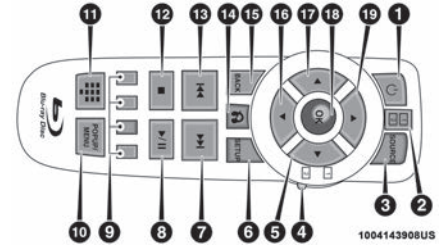
الضمان المحدود لعمر سماعات الرأس الاستريو

ما الذي يغطيه هذا الضمان؟ يغطي هذا الضمان المستخدم أو المشتري الأولي (المشار إليه هنا بـ "أنت" أو "الخاصة بك") لسماعة الرأس اللاسلكية المحددة هذه ("المنتج") من Aptiv PLC ("Aptiv"). هذا الضمان لا يمكن نقله.

ما هي المدة التي يغطيها هذا الضمان؟ يستمر هذا الضمان طالما كنت تمتلك المنتج.

ما الذي يغطيه هذا الضمان؟ باستثناء ما هو محدد أدناه، يغطي هذا الضمان أي عيب ظهر في الاستخدام العادي لأي منتج سواء في الصنع أو المواد المستخدمة.

وحدة التحكم عن بُعد في مشغل Blu-ray - إذا كانت السيارة مزودة بذلك



وحدة التحكم عن بُعد في مشغل Blu-ray

مفاتيح التحكم والمؤشرات

1. التشغيل – لتشغيل الشاشة وجهاز إرسال سماعة الرأس اللاسلكية للقناة المحددة أو إيقاف تشغيلها. لسماع الصوت عندما تكون الشاشة مغلقة، اضغط على زر "التشغيل" لتشغيل جهاز إرسال سماعة الرأس.
2. مؤشرات محدد القناة – عند الضغط على زر، سيضيء زر القناة أو القناة المشغلة حاليًا لفترة قصيرة.
3. SOURCE (المصدر) - اضغط للدخول إلى شاشة Source Selection (تحديد المصدر).

4. مفتاح تحديد القناة/الشاشة - يشير إلى القناة التي تقوم وحدة التحكم عن بُعد بالتحكم فيها. عندما يكون مفتاح المحدد في وضع 1 (الخلفي)، تتحكم وحدة التحكم عن بُعد في وظيفة سماعة رأس القناة 1 (الشاشة اليسرى). عندما يكون مفتاح المحدد في وضع 2 (Rear الخلفي)، تتحكم وحدة التحكم عن بُعد في وظيفة سماعة رأس القناة 2 (الشاشة اليمنى).

5. - اضغط للتنقل خلال القوائم.

6. SETUP (الإعداد) - اضغط للوصول إلى قائمة إعدادات الشاشة.

7. - اضغط مطولاً للتقديم السريع خلال المسار الصوتي أو فصل الفيديو الحالي.

8. //▶ (تشغيل/إيقاف مؤقت) – بدء/متابعة تشغيل القرص أو إيقاف تشغيله مؤقتًا.

9. أربعة أزرار ملونة - اضغط للوصول إلى ميزات قرص Blu-ray.

10. POPUP/MENU (منبثق/قائمة) - اضغط لاستدعاء خيارات التكرار والتشغيل العشوائي أو القائمة المنبثقة لقرص Blu-ray أو قائمة عناوين DVD أو للوصول إلى قوائم القرص.

11. لوحة المفاتيح - اضغط للتنقل عبر الفصول أو العناوين.

12. ■ (إيقاف) - لإيقاف تشغيل القرص.

13. ◀◀◀ - اضغط مطولاً للترجيع السريع خلال المسار الصوتي أو فصل الفيديو الحالي.

14. 🎧 - يكتف صوت سماعة الرأس.

15. BACK (رجوع) - اضغط للخروج من القوائم أو للعودة إلى شاشة تحديد المصدر.

16. ▼ - اضغط للتنقل خلال القوائم.

17. ◀ - اضغط للتنقل خلال القوائم.

18. موافق - اضغط لتحديد الخيار المميز في قائمة.

19. ▲ - اضغط للتنقل خلال القوائم.

استخدام وحدة التحكم عن بُعد

1. اضغط على زر SOURCE (المصدر) بوحدة التحكم عن بُعد.
2. أثناء النظر إلى الخلفية 1 أو 2، قم بتمييز DISC (القرص) إما عن طريق الضغط على أزرار أعلى/أسفل/يسار/يمين، ثم اضغط على ENTER/OK (إدخال/موافق).



شاشة التحكم في الوسائط الخلفية

3. اضغط على الزرين 1 أو 2 على شاشة اللمس، ثم حدد زر المصدر على شاشة اللمس. اضغط على زر DISC (القرص) على شاشة اللمس في عمود MEDIA (الوسائط). للخروج، اضغط على العلامة X في الجانب العلوي الأيمن من الشاشة.



حدد وضع القرص على شاشة الترفيه في المقعد الخلفي

استخدام مفاتيح التحكم في الراديو المزود بشاشة اللمس

1. اضغط على زر Media (الوسائط) على شاشة اللمس بنظام Uconnect.
2. اضغط على زر Rear Media (الوسائط الخلفية) لعرض شاشة Rear Media Control (التحكم في الوسائط الخلفية).



شاشة مصدر الترفيه في المقعد الخلفي

ملاحظة:

يؤدي الضغط على الراديو أثناء تشغيل قرص DVD أو قرص Blu-ray إلى استدعاء الوظائف الرئيسية لوحدة التحكم عن بُعد لتشغيل قرص DVD مثل اختيار المشهد أو التشغيل أو الإيقاف المؤقت أو التقديم السريع أو الترجيع السريع أو الإيقاف. يؤدي الضغط على X في الركن العلوي إلى إيقاف وظائف شاشة التحكم عن بُعد.

ملاحظات هامة بشأن نظام شاشة الفيديو الثانية

- يتمكّن نظام الترفيه بالمقعد الخلفي من نقل قناتين من صوت استريو الصوت والفيديو في آن واحد.
- يمكن لمشغل أقراص Blu-ray تشغيل الأقراص المدمجة وأقراص DVD وأقراص Blu-ray.
- عند تحديد مصدر فيديو على الخلفية 1، يظهر مصدر الفيديو على الخلفية 1 يمكن سماعه على الخلفية 1.
- عند تحديد مصدر فيديو على الخلفية 2، يظهر مصدر الفيديو على الخلفية 2 يمكن سماعه على الخلفية 2.
- يمكن سماع الصوت عبر سماعات الرأس حتى عند إغلاق الشاشة (الشاشات).

استخدام وحدة التحكم عن بُعد

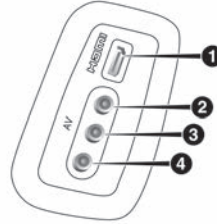
- اختر قناة صوت (الخلفية 1 للشاشة الخلفية على جانب السائق والخلفية 2 للشاشة الخلفية على جانب الراكب)، ثم اضغط على مفتاح المصدر باستخدام السهمين لأعلى ولأسفل، وقم بتمييز القرص من القائمة واضغط على زر OK (موافق).

- اضغط على مفتاح popup/menu (منبثق/القائمة) للتنقل بين قائمة القرص والخيارات.

تشغيل ألعاب الفيديو

قم بتوصيل وحدة ألعاب الفيديو بمقابس إدخال الصوت/ الفيديو من نوع RCA/HDMI الموجودة على جانب كل مقعد.

مقابس الصوت/الفيديو من نوع RCA/HDMI (مقابس AUX/HDMI) على جانب كل مقعد تتيح للشاشة عرض الفيديو مباشرة من كاميرا الفيديو وتوصيل ألعاب الفيديو للعرض على الشاشة أو تشغيل الموسيقى مباشرة من مشغل MP3.



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مقابس إدخال الصوت/الفيديو من نوع RCA/HDMI

عند توصيل مصدر خارجي بإدخال AUX/HDMI، تأكد من اتباع كود الألوان القياسية لمقابس الصوت/الفيديو:

1. إدخال HDMI.

2. دخل الصوت الأيمن (أحمر).

3. دخل الصوت الأيسر (أبيض).

4. دخل الفيديو (أصفر).

ملاحظة:

بعض كونسولات ألعاب الفيديو عالية قد تتجاوز حد الطاقة الخاص بالمحول العامل بالطاقة في السيارة.

تشغيل قرص DVD/قرص Blu-ray باستخدام شاشة اللمس بالراديو

1. أدخل قرص DVD/قرص Blu-ray بحيث يتجه المصق كما هو مبين في مشغل قرص DVD/قرص Blu-ray. يقوم الراديو بتحديد الوضع المناسب أوتوماتيكياً بعد التعرف على القرص ويعرض شاشة القائمة أو يبدأ تشغيل المسار الأول.

2. لمشاهدة قرص DVD/Blu-ray على الخلفية 1 (الراكب الخلفي على جانب السائق) تأكد من أن مفتاح محدد قناة وحدة التحكم عن بُعد وسماعة الرأس على الخلفية 1.

3. لمشاهدة قرص DVD/Blu-ray على الخلفية 2 (الراكب الخلفي على جانب الراكب) تأكد من أن مفتاح محدد قناة وحدة التحكم عن بُعد وسماعة الرأس على الخلفية 2.

أوتوماتيكيًا الوضع المناسب بعد التعرف على القرص ويعرض شاشة القائمة أو شاشة اللغة أو يبدأ تشغيل المسار الأول.

2. لمشاهدة قرص Blu-ray على Rear 1 (الخلفية 1) لركاب المقعد الخلفي في جانب السائق، تأكد من تشغيل جهاز التحكم عن بُعد مفتاح سماعة الرأس بالخلفية 1.

3. لمشاهدة قرص Blu-ray على Rear 2 (الخلفية 2) لركاب المقعد الخلفي في جانب السائق، تأكد من تشغيل جهاز التحكم عن بُعد مفتاح سماعة الرأس بالخلفية 2.

ملاحظة:

- لعرض قرص Blu-ray على الراديو، اضغط على زر "Media" (الوسائط) على شاشة اللمس، ثم اضغط على زر "DISC" (القرص). اضغط على زر "Play" (التشغيل) ثم زر "full screen" (الشاشة الكامل).

- عرض قرص Blu-ray على شاشة الراديو التي تعمل باللمس غير متوفر في جميع الدول/الأقاليم. ويجب إيقاف السيارة كما يجب أن يكون ذراع محدد التروس في وضع PARK (التوقف) في السيارات ذات ناقل الحركة الأوتوماتيكي.

استخدام الراديو المزود بشاشة اللمس



شاشة التحكم في الوسائط الخلفية

1. وضع قناة 1 لنظام الترفيه بالمقعد الخلفي

يشير إلى المصدر الحالي للشاشة 1/القناة 1. يتم تمييز هذا الزر عندما يتم التحكم في الشاشة/القناة النشطة بواسطة المستخدم الأمامي. إذا لم يتم تمييز هذا الزر، فحدد زر للوصول إلى مفاتيح التحكم في مصدر شاشة 1/القناة 1.

2. تشغيل نظام الترفيه بالمقعد الخلفي (RSE)

اضغط لتشغيل/إيقاف تشغيل نظام الترفيه بالمقعد الخلفي (RSE).

3. كتم صوت نظام الترفيه بالمقعد الخلفي (RSE)

يكتم صوت سماعات الرأس الخلفية في دورة التشغيل الحالي. يؤدي الضغط على كتم الصوت مرة أخرى إلى إلغاء كتم صوت سماعات الرأس الخلفية.

4. قفل مفاتيح التحكم عن بُعد في نظام الترفيه بالمقعد الخلفي (RSE)

اضغط لتمكين/تعطيل وظائف وحدة التحكم عن بُعد.

5. وضع قناة 2 لنظام الترفيه بالمقعد الخلفي

يشير إلى المصدر الحالي للشاشة 2/القناة 2. يتم تمييز هذا الزر عندما يتم التحكم في الشاشة/القناة النشطة بواسطة المستخدم الأمامي. إذا لم يتم تمييز هذا الزر، فحدد زر للوصول إلى مفاتيح التحكم في مصدر شاشة 2/القناة 2.

6. وضع صوت الكابينة

حدد هذا الزر لتغيير مصدر صوت الكابينة إلى مصدر الترفيه الخلفي المعروض حاليًا في شاشة التحكم في الوسائط الخلفية.

7. الراديو في وضع الشاشة الكاملة

حدد هذا الزر للتغيير إلى Full Screen Mode (وضع الشاشة الكاملة).

8. وضع نظام الترفيه بالمقعد الخلفي (RSE)

حدد هذا الزر لتغيير مصدر الشاشة/القناة الخلفية النشطة (المميزة) على شاشة التحكم في الوسائط الخلفية.

- اضغط على زر Media (الوسائط) على شاشة اللمس، ثم اضغط على زر rear media (الوسائط الخلفية) على شاشة اللمس.

- اضغط على زر OK (موافق) على شاشة اللمس لبدء تشغيل قرص Blu-ray على شاشة اللمس بالراديو.

شاشة الفيديو الثانية

ملاحظة:

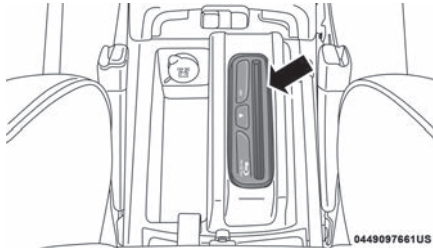
نموذجيًا، هناك طريقتان مختلفتان لتشغيل ميزات نظام الترفيه للمقعد الخلفي.

- وحدة التحكم عن بُعد
- الراديو المزود بشاشة اللمس (إذا كانت السيارة مزودة بذلك)

مشغل أقراص Blu-ray

تشغيل قرص Blu-ray

يوجد مشغل الأقراص Blu-ray في الكونسول المركزي.

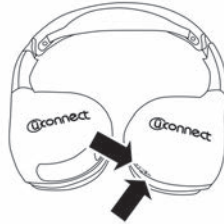


موقع مشغل أقراص Blu-ray

1. أدخل قرص Blu-ray في مشغل القرص VES (نظام الفيديو الترفيهي) بحيث يكون الملصق متجهًا كما هو مبين في مشغل أقراص Blu-ray. يحدد الراديو



محددات قناة التحكم عن بُعد في نظام الترفيه بالمقعد الخلفي (RSE)

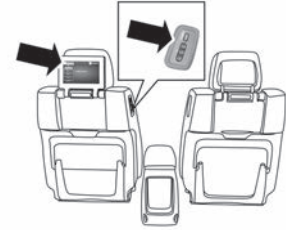


محددات قناة سماعة رأس نظام الترفيه بالمقعد الخلفي (RSE)

- قد يتم التحكم في النظام بواسطة ركاب المقاعد الأمامية باستخدام راديو شاشة اللمس أو ركاب المقاعد الخلفية باستخدام وحدة التحكم عن بُعد.

- قم بتشغيل نظام الترفيه بالمقعد الخلفي بالضغط على زر power (الطاقة) بوحدة التحكم عن بُعد.

- عند فتح شاشة (شاشات) الفيديو وإدخال قرص DVD/ Blu-ray Disc في مشغل الأقراص، تعمل الشاشة (الشاشات) تلقائيًا وتعمل أجهزة إرسال سماعات الرأس تلقائيًا ويبدأ التشغيل.



القناة 1 لنظام الترفيه بالمقعد الخلفي (RSE) (الخلفية 1)

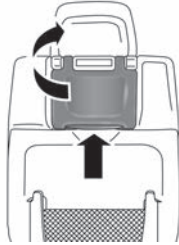
- مع نظام شاشة الفيديو المزدوجة، تشير القناة 1 (الخلفي 1) على وحدة التحكم عن بُعد وسماعات الرأس الخلفية إلى الشاشة 1 (جانب السائق) وتشير القناة 2 (الخلفي 2) على وحدة التحكم عن بُعد وسماعات الرأس الخلفية إلى الشاشة 2 (في جانب الراكب).

الصوت عبر سماعات الرأس اللاسلكية أو قم بتوصيل وتشغيل العديد من ألعاب الفيديو القياسية أو أجهزة الصوت.

يُرجى مراجعة دليل المالك للتعرف على ميزات النظام وتشغيله.

بدء الاستخدام

- الشاشة (الشاشات) الموجودة في الجزء الخلفي من المقاعد الأمامية: افتح غطاء شاشة LCD عن طريق رفع الغطاء.



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شاشة نظام الترفيه بالمقعد الخلفي (RSE)

- ضع مفتاح التشغيل في وضع ON (التشغيل) أو ACC (الملحقات).
- قد تكون السيارة مزودة بمشغل الأقراص Blu-ray. إذا كانت السيارة مزودة بمشغل أقراص Blu-ray، فسيظهر الرمز على المشغل.

وضع Media (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 ثوانٍ من بداية تشغيل المسار الحالي.

التحكم في أجهزة IPOD/USB/MP3 — إذا كانت السيارة مزودة بذلك

تسمح هذه الميزة بتوصيل جهاز iPod أو وحدة USB خارجية داخل منفذ USB.

تدعم ميزة التحكم في أجهزة iPod أجهزة Mini و4G وPhoto و5G iPod وiPhone. قد لا تدعم بعض إصدارات برامج iPod ميزات التحكم في برامج جهاز iPod بشكل كامل. يُرجى زيارة موقع Apple على الإنترنت لمعرفة تحديثات البرامج.

لمزيد من المعلومات، راجع ملحق دليل مالك نظام Uconnect.

نظام الترفيه بالمقعد الخلفي (RSE) بنظام UCONNECT - إذا كانت السيارة مزودة بذلك

نظام الترفيه في المقعد الخلفي مصمم ليوفر للعائلة سنوات من المتعة. يمكنك تشغيل الأقراص المضغوطة أو أقراص DVD أو أقراص Blu-ray المفضلة لديك للاستماع إلى

يعتبر مفتاح التحكم الأيمن من النوع الهزاز وهو يحتوي على زر قابل للضغط في المنتصف ويتحكم في درجة ووضع نظام الصوت. سيؤدي الضغط على الجزء العلوي من المفتاح الهزاز إلى رفع مستوى الصوت، بينما يعمل الضغط على الجزء السفلي من المفتاح الهزاز على خفض مستوى الصوت.

يؤدي الضغط على الزر الأوسط إلى جعل الراديو ينتقل بين الأوضاع المتنوعة المتاحة (AM/FM أو Media (الوسائط)، إلخ).

يعتبر مفتاح التحكم الأيسر من النوع الهزاز ويحتوي على زر قابل للضغط في الوسط. وتختلف وظيفة مفتاح التحكم الأيسر باختلاف الوضع الذي تتواجد به.

وفي ما يلي وصفا لطريقة تشغيل مفتاح التحكم الأيسر في كل وضع.

تشغيل الراديو

يؤدي الضغط على الجزء العلوي من المفتاح إلى "البحث" في الاتجاه العلوي عن المحطة التالية التي يمكن الاستماع إليها ويؤدي الضغط على الجزء السفلي من المفتاح إلى البحث في الاتجاه السفلي عن المحطة التالية التي يمكن الاستماع إليها.

يقوم الزر الموجود بمنتصف مفتاح التحكم الأيسر بالتوليف إلى المحطة المضبوطة مسبقاً التالية والتي قمت ببرمجتها باستخدام زر الضبط المسبق للراديو.

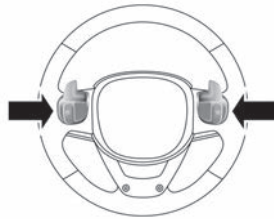


وضع **Selec-Terrain** الحالي

مفاتيح التحكم في الصوت الموجودة عجلة القيادة

القيادة — إذا كانت السيارة مزودة بذلك

توجد مفاتيح التحكم عن بُعد في نظام الصوت على السطح الخلفي لعجلة القيادة. قم بالوصول إلى خلف العجلة للوصول إلى المفاتيح.



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مفاتيح التحكم في الصوت الموجودة على عجلة القيادة (منظر خلفي لعجلة القيادة)

نظام Selec-Terrain - 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:

- الثلج
- الرمل
- Auto (أوتوماتيكي) - الافتراضي
- الطين
- Rock (صخور) - يجب أن تكون السيارة في وضع الدفع الرباعي المنخفض

ملاحظة:

أثناء التواجد في صفحات **Selec-Terrain**، سيعرض شريط حالة صفحات الطرق غير الممهدة وضع **Selec-Terrain** الحالي.

المقاييس المُلحقة

تعرض صفحة المقاييس المُلحقة الحالة الحالية لدرجة حرارة تبريد السيارة ودرجة حرارة الزيت وضغط الزيت (السيارات التي تعمل بالغاز فقط) ودرجة حرارة ناقل الحركة وفولطية البطارية.



قائمة المقاييس المُلحقة

- 1 - درجة حرارة سائل التبريد
- 2 - درجة حرارة الزيت
- 3 - ضغط الزيت (السيارات التي تعمل بالغاز فقط)
- 4 - جهد البطارية
- 5 - درجة حرارة ناقل الحركة

التعليق

تعرض صفحة Suspension (التعليق) معلومات خاصة بتعليق السيارة.

يتم عرض المعلومات التالية:

- مؤشر الحركة الجانبية للتعليق
- حالة ارتفاع القيادة الحالية - إذا كانت السيارة مزودة بذلك
- وضع Normal (عادي)
- Off Road 1 (طرق غير ممهدة 1)
- Off Road 2 (طرق غير ممهدة 2)
- Entry/Exit (الدخول/الخروج)
- Aero (الهوائي)

ملاحظة:

سيتم تمثيل الحركة الجانبية للعجلة باللون الأصفر على مؤشر الحركة الجانبية للتعليق. في حالة ضبط ارتفاع القيادة، ينتقل مؤشر ارتفاع القيادة على الشاشة إلى الارتفاع المناسب وسيُظهر مؤشر الحركة الجانبية للتعليق الحركة وتغير الارتفاع.

(التأرجح والانزلاق) Pitch And Roll

تعرض صفحة Pitch And Roll (التأرجح والانزلاق) مستوى التأرجح الحالي للسيارة (ارتفاع الزاوية وانخفاضها) والانزلاق (حركة الزاوية من جانب لآخر) بالدرجات. توفر مقاييس التأرجح والانزلاق عرضاً مرئياً للزاوية الحالية للسيارة.



قائمة Pitch And Roll (التأرجح والانزلاق)

- 1 - التأرجح الحالي
- 2 - الانزلاق الحالي



قائمة التعليق

- 1 - مؤشر الحركة الجانبية للتعليق
- 2 - ارتفاع القيادة الحالي

ديناميكيات السيارة
تعرض صفحة Vehicle Dynamics (ديناميكيات
السيارة) المعلومات المتعلقة بمجموعة الدفع والحركة في
السيارة.

يتم عرض المعلومات التالية:

- زاوية التوجيه بالدرجات
- حالة علبه النقل
- حالة المحاور الخلفية - إذا كانت السيارة مزودة بذلك



قائمة ديناميكيات السيارة

- 1 - زاوية التوجيه
- 2 - حالة علبه النقل
- 3 - حالة قفل المحور الخلفي



شريط الحالة

- 1- حالة علبه النقل (عند تحديد وضع 4WD LOW (الدفع الرباعي المنخفض) فقط)
- 2- وضع Selec-Terrain (التضاريس المحددة) - إذا كانت السيارة مزودة بذلك
- 3 - خط العرض/خط الطول الحالي
- 4 - الارتفاع الحالي
- 5 - النزول من على المرتفعات
- 6 - حالة Selec-Speed والسرعة المضبوطة

شريط حالة صفحات الطرق غير الممهدة
يوجد Off Road Pages Status Bar (شريط حالة
صفحات الطرق غير الممهدة) على طول الجزء السفلي من
Off Road Pages (صفحات الطرق غير الممهدة)
ويوجد في كل خيار من خيارات الصفحات الخمسة القابلة
للتحديد. ويوفر باستمرار تحديثًا للمعلومات الخاصة
بالعناصر التالية:

- الحالة الحالية لعبه النقل (تظهر عند تحديد وضع
4WD LOW (الدفع الرباعي المنخفض) فقط)
- وضع Selec-Terrain (التضاريس المحددة) الحالي
- إذا كانت السيارة مزودة بذلك
- خط العرض/خط الطول الحالي
- الارتفاع الحالي للسيارة
- حالة التحكم في النزول من على المرتفعات
- التحكم في ميزة Selec-Speed والسرعة المحددة
بوحدته ميل/الساعة (كم/الساعة)

يتضمن تطبيق Off Road Pages (صفحات الطرق غير الممهدة) الصفحات القابلة للتحديد التالية:

- ديناميكيات السيارة
- التعليق
- التآرجح والانزلاق - إذا كانت السيارة مزودة بذلك
- Accessory Gauge (مقياس الملحقات)
- نظام Selec-Terrain - إذا كانت السيارة مزودة بذلك



القائمة الرئيسية

1 - تطبيق Off Road Pages (صفحات الطرق غير الممهدة)

2 - زر Apps (التطبيقات) بنظام Uconnect

صفحات الطرق OFF ROAD PAGES

غير الممهدة) - إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مجهزة بنظام Off Road Pages (صفحات الطرق غير الممهدة) الذي يقدم حالة السيارة أثناء ظروف التشغيل على الطرق غير الممهدة. يوفر معلومات تتعلق بارتفاع قيادة السيارة وحالة علية النقل وتآرجح السيارة وانزلاقها (إذا كانت السيارة مزودة بذلك) ووضع Selec-Terrain (التضاريس المحددة) النشط.

للوصول إلى Off Road Pages (صفحات الطرق غير الممهدة)، اضغط على زر "Apps" (التطبيقات) على شاشة اللمس، ثم حدد "Off Road Pages" (صفحات الطرق غير الممهدة).

Reset (إعادة الضبط)

بعد الضغط على زر "Reset" (إعادة الضبط) على شاشة اللمس ستكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Cancel (إلغاء)	OK (موافق)	إعادة ضبط App Drawer
Cancel (إلغاء)	OK (موافق)	Restore Settings (استعادة الإعدادات)
ملاحظة: عند تحديد هذه الميزة، فسوف تتم إعادة ضبط جميع الإعدادات إلى إعداداتها الافتراضية.		
Cancel (إلغاء)	OK (موافق)	Clear Personal Data (مسح البيانات الشخصية)
ملاحظة: عند تحديد ميزة "Clear Personal Data" (مسح البيانات الشخصية)، سيتم إزالة جميع البيانات الشخصية بما في ذلك أجهزة Bluetooth ومفاتيح الضبط المسبق.		

System Information (معلومات النظام)

بعد الضغط على زر "System Information" (معلومات النظام) على شاشة اللمس، تتوفر الإعدادات التالية:

الخيارات القابلة للتحديد		اسم الإعداد
System Software Information (معلومات برنامج النظام)	شاشة	تراخيص البرامج
ملاحظة: عند تحديد هذه الميزة، ستظهر شاشة "Software License" (تراخيص البرامج) وتعرض ترخيص وإصدار برنامج النظام.		

بعد الضغط على زر "Phone/Bluetooth" (الهاتف/البلوتوث) على شاشة اللمس، تتوفر الإعدادات التالية:

اسم الإعداد	الخيارات القابلة للتحديد
الهاتف المقترن ومصادر الصوت	List Of Paired Audio Sources (قائمة مصادر الصوت المقترنة)
ملاحظة: تعرض هذه الميزة الهاتف و/أو أجهزة الصوت المقترنة بنظام الهاتف/Bluetooth. لمزيد من المعلومات، راجع ملحق دليل مالك نظام Uconnect.	
ميزة Do Not Disturb (عدم الإزعاج)	خيارات Do Not Disturb (عدم الإزعاج)
ملاحظة: تسمح ميزة Do Not Disturb (عدم الإزعاج) للهاتف المقترن بإرسال مكالمات أو رسالة نصية محددة مسبقًا أو كليهما إلى أي مكالمات أو رسالة واردة قبل إرسالها مباشرة إلى البريد الصوتي. كما تحتفظ أيضًا بعدد لجميع المكالمات التي لم يتم الرد عليها والرسائل النصية الواردة أثناء القيادة على الطريق.	
Display Phone Info In Cluster (عرض معلومات الهاتف في المجموعة)	On (التشغيل) / Off (إيقاف التشغيل)

إعداد الراديو — إذا كانت السيارة مزودة بذلك بعد الضغط على زر "Radio Setup" (إعداد الراديو) على شاشة اللمس، تتوفر الإعدادات التالية:

اسم الإعداد	الخيارات القابلة للتحديد
الإقليمية - إذا كانت السيارة مزودة بذلك	On (التشغيل) / Off (إيقاف التشغيل)
ملاحظة: عند تحديد الميزة "Regional" (إقليمي)، فإنها تفرض الخدمة الإقليمية مما يتبعه تمكين التغيير التلقائي لمحطات الشبكة.	

الخيارات القابلة للتحديد			اسم الإعداد
Treble (الصوت المرتفع)	Mid (النطاق المتوسط)	Bass (الجهير)	المعادل
<p>ملاحظة: عند التواجد في هذه الشاشة، يمكنك ضبط إعدادات "Bass" (الجهير) و "Mid" (النطاق المتوسط) و "Treble" (الصوت المرتفع). اضبط الإعدادات باستخدام زري الإعداد " + " أو " - " على شاشة اللمس أو من خلال تحديد أي نقطة على المقياس بين زري " + " و " - " على شاشة اللمس. يتيح لك إعداد Bass (الجهير) / Mid (النطاق المتوسط) / Treble (الصوت المرتفع) أيضًا تحريك إصبعك ببساطة لأعلى أو لأسفل لتغيير الإعداد بالإضافة إلى الضغط على الإعداد المطلوب مباشرة.</p>			
3	2	1	مستوى الصوت المعدل بالسرعة
Off (إيقاف التشغيل)		On (التشغيل)	الصوت المحيطي — إذا كانت السيارة مزودة بذلك
-		+	إزاحة مستوى صوت الجهاز الإضافي - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: تعمل هذه الميزة على توفير القدرة على توليف مستوى الصوت للأجهزة المحمولة المتصلة من خلال إدخال AUX (الجهاز الإضافي).</p>			
Off (إيقاف التشغيل)		On (التشغيل)	التشغيل التلقائي
<p>ملاحظة: عند تنشيط إعداد "AutoPlay" (التشغيل التلقائي)، فإنه يقوم بإيقاف تشغيل الموسيقى تلقائيًا للجهاز المتصل بمجرد توصيله.</p>			

الخيارات القابلة للتحديد		اسم الإعداد
تحذير	All (الكل)	عرض رسائل التعليق
<p>ملاحظة: يتيح لك إعداد "Display Suspension Messages" (عرض رسائل التعليق) اختيار ما إذا كنت ترغب في أن يعرض نظام التعليق جميع رسائل التعليق أو يعرض تحذيرات التعليق فقط.</p>		
Off (إيقاف التشغيل)	On (التشغيل)	وضع رافعة الإطار
<p>ملاحظة: عند تحديد إعداد "Tire Jack Mode" (وضع رافعة الإطار)، يتم تعطيل نظام التعليق الهوائي لتفادي الضبط التلقائي للتعليق أثناء وجود السيارة على رافعة لتغيير الإطار.</p>		
Off (إيقاف التشغيل)	On (التشغيل)	وضع النقل
<p>ملاحظة: عند تحديد إعداد "Transport Mode" (وضع النقل) يتم تعطيل نظام التعليق الهوائي للمساعدة في السحب باستخدام شاحنة ذات سطح مفتوح.</p>		
Off (إيقاف التشغيل)	On (التشغيل)	وضع محاذاة العجلات
<p>ملاحظة: يمنع إعداد "Wheel Alignment Mode" (وضع محاذاة العجلات) الضبط التلقائي لنظام التعليق الهوائي أثناء إجراء خدمة محاذاة العجلات.</p>		

الصوت

بعد الضغط على زر "Audio" (الصوت) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
	Speaker Icon (رمز مكبر الصوت)	التوازن/الخفت
<p>ملاحظة: عند التواجد في هذه الشاشة، يمكنك ضبط "Balance/Fade" ("التوازن/الخفت") للصوت بالضغط على "Speaker Icon" ("رمز مكبر الصوت") وسحبه نحو أي موقع في المربع.</p>		

خيارات إيقاف تشغيل المحرك
 بعد الضغط على زر "Engine Off Options"
 (خيارات إيقاف تشغيل المحرك) على شاشة اللمس تكون
 الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	مقعد الخروج السهل
45 sec (45 ثانية)	0 sec (0 ثانية)	تأخير إيقاف طاقة المحرك
10 min (10 دقائق)	5 min (5 دقائق)	
30 sec (30 ثانية)	0 sec (0 ثانية)	تأخير إطفاء الأضواء الأمامية
90 sec (90 ثانية)	60 sec (60 ثانية)	
Off (إيقاف التشغيل)	On (التشغيل)	التعليق الأوتوماتيكي في وضع الدخول/الخروج - إذا كانت السيارة مزودة بذلك

التعليق - إذا كانت السيارة مزودة بذلك
 بعد الضغط على زر "Suspension" (التعليق) على
 شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	التعليق الأوتوماتيكي في وضع الدخول/الخروج
ملاحظة: عند تحديد إعداد "Auto Entry/Exit Suspension" (التعليق الأوتوماتيكي في وضع الدخول/الخروج) تنخفض السيارة تلقائيًا من وضع ارتفاع القيادة عند نقل السيارة إلى وضع PARK (التوقف) من أجل الدخول/الخروج بسهولة.		

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	أقفال الأبواب الأوتوماتيكية - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد ميزة "Auto Door Locks" (أقفال الأبواب الأوتوماتيكية)، يتم قفل جميع الأبواب أوتوماتيكيًا عند وصول السيارة إلى سرعة 15 ميلا/الساعة (24 كم/ساعة).</p>		

أنظمة التشغيل التلقائي عند الراحة - إذا كانت السيارة مزودة بذلك
بعد الضغط على زر "Auto-On Comfort" (التشغيل التلقائي عند الراحة) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد			اسم الإعداد
All Starts (بدء تشغيل الكل)	Remote Start (بدء التشغيل عن بُعد)	Off (إيقاف التشغيل)	مقعد السائق المسخن/المزود بالتهوية وعجلة القيادة المسخنة/المزودة بالتهوية أوتوماتيكيًا عند تشغيل السيارة - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد هذه الميزة، سيتم تشغيل المقعد المسخن للسائق وعجلة القيادة المسخنة تلقائيًا عندما تكون درجات الحرارة أقل من 40 درجة فهرنهايت (4.4 درجات مئوية). عندما تكون درجات الحرارة أعلى من 80 درجة فهرنهايت (26.6 درجة مئوية)، سيتم تشغيل مقعد السائق المزود بفتحات التهوية.</p>			

الخيارات القابلة للتحديد		اسم الإعداد
All Doors (جميع الأبواب)	Driver Door (باب السائق)	إلغاء القفل بالضغط الأولى على حافظة المفاتيح
<p>ملاحظة:</p> <p>عند اختيار "Driver Door" (باب السائق) مع تحديد 1st Press Of Key Fob Unlocks (إلغاء القفل بالضغط الأولى على حافظة المفاتيح)، يتم إلغاء قفل باب السائق فقط عند الضغط الأولى على زر إلغاء القفل على حافظة المفاتيح. يجب عليك الضغط على زر إلغاء القفل على حافظة المفاتيح مرتين لفتح أبواب الركاب. عند اختيار "All Doors" (جميع الأبواب) مع تحديد 1st Press Of Key Fob Unlocks (إلغاء القفل بالضغط الأولى على حافظة المفاتيح)، سيتم إلغاء قفل جميع الأبواب عند الضغط الأولى على زر إلغاء القفل على حافظة المفاتيح. إذا كانت السيارة مبرمجة على 1st Press Of Key Fob Unlocks (إلغاء القفل بالضغط الأولى على حافظة المفاتيح) مع تحديد "All Doors" (كل الأبواب)، فسيتم إلغاء قفل جميع الأبواب بغض النظر عن أي مقبض باب مزود بنظام الدخول غير النشط قد تم مسكه. إذا تمت برمجة 1st Press Of Key Fob Unlocks (إلغاء القفل بالضغط الأولى على حافظة المفاتيح) مع تحديد "Driver Door" (باب السائق)، فسيتم إلغاء قفل باب السائق فقط عند لمس مقبض باب السائق. باستخدام نظام الدخول غير النشط، وفي حالة برمجة 1st Press Of Key Fob Unlocks (إلغاء القفل بالضغط الأولى على حافظة المفاتيح) مع تحديد "Driver Door" (باب السائق)، يؤدي لمس المقبض أكثر من مرة إلى فتح باب السائق فقط. في حالة اختيار "Driver Door" (باب السائق)، وبمجرد فتح باب السائق، يمكن استخدام مفتاح قفل/إلغاء قفل الباب الداخلي لإلغاء قفل جميع الأبواب (أو استخدام حافظة المفاتيح).</p>		
Off (إيقاف التشغيل)	On (التشغيل)	نظام الدخول غير النشط - إذا كانت السيارة مزودة بذلك
<p>ملاحظة:</p> <p>تتيح لك هذه الميزة قفل باب (أبواب) السيارة وإلغاء قفلها دون الحاجة إلى الضغط على زري القفل أو إلغاء القفل بحافظة المفاتيح.</p>		
Off (إيقاف التشغيل)	On (التشغيل)	الإعدادات الشخصية المرتبطة بحافظة المفاتيح — إذا كانت السيارة مزودة بذلك
<p>ملاحظة:</p> <p>توفر هذه الميزة استدعاء أوتوماتيكيًا لجميع الإعدادات المخزنة بموقع الذاكرة (مقعد السائق والمرايا الخارجية وموضع عمود التوجيه ومحطة الراديو مسبق الضبط) لتسهيل حرية حركة السائق عند الدخول والخروج من السيارة.</p>		
Off (إيقاف التشغيل)	On (التشغيل)	تنبيه باب المؤخرة العامل بالطاقة - إذا كانت السيارة مزودة بذلك

الخيارات القابلة للتحديد		اسم الإعداد	
Off (إيقاف التشغيل)		On (التشغيل)	أضواء النهار - إذا كانت السيارة مزودة بذلك
Off (إيقاف التشغيل)		On (التشغيل)	وميض الأضواء عند القفل
Off (إيقاف التشغيل)		On (التشغيل)	خفض إضاءة الأضواء الأمامية - إذا كانت السيارة مزودة بذلك

ملاحظة:

حدد هذه الميزة عند القيادة في الجانب المقابل للطريق لخفض إضاءة الأضواء الأمامية. لإجراء التحديد، اضغط على زر "Headlight Dip" (خفض إضاءة الأضواء الأمامية) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد.

الأبواب والأقفال

بعد الضغط على زر "Doors & Locks" (الأبواب والأقفال) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد	
Off (إيقاف التشغيل)		On (التشغيل)	إلغاء القفل الأوتوماتيكي عند الخروج
ملاحظة:			
عند اختيار هذه الميزة، يتم إلغاء قفل جميع الأبواب عند توقف السيارة ووجود ناقل الحركة في وضع PARK (التوقف) أو وضع NEUTRAL (اللاعتشيق) مع فتح باب السائق.			
Off (إيقاف التشغيل)		On (التشغيل)	وميض الأضواء عند القفل
2nd Press (الضغط الثانية)	1st Press (الضغط الأولى)	Off (إيقاف التشغيل)	صدور صوت آلة التنبيه عند القفل
Off (إيقاف التشغيل)		On (التشغيل)	صدور صوت آلة التنبيه عند بدء التشغيل عن بُعد

Lights (المصابيح)

بعد الضغط على زر "Lights" (المصابيح) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
30 sec (30 ثانية)	0 sec (0 ثانية)	تأخير إطفاء الأضواء الأمامية
90 sec (90 ثانية)	60 sec (60 ثانية)	
ملاحظة: عند تحديد ميزة "Headlight Off Delay" (تأخير إطفاء الأضواء الأمامية)، تتيح ضبط مقدار الوقت الذي تظل فيه الأضواء الأمامية قيد التشغيل بعد إيقاف تشغيل المحرك.		
30 sec (30 ثانية)	0 sec (0 ثانية)	Headlight Illuminated On Approach (إضاءة الأضواء الأمامية على الطريق)
90 sec (90 ثانية)	60 sec (60 ثانية)	
Off (إيقاف التشغيل)	On (التشغيل)	الأضواء الأمامية مع الماسحات - إذا كانت السيارة مزودة بذلك
Off (إيقاف التشغيل)	On (التشغيل)	تعطيم الأضواء العالية أوتوماتيكياً - إذا كانت السيارة مزودة بذلك
ملاحظة: عند تحديد ميزة "Auto Dim High Beams" (تعطيم الأضواء العالية أوتوماتيكياً)، سيتم تنشيط/إلغاء تنشيط الأضواء الأمامية ذات الضوء العالي أوتوماتيكياً في ظل ظروف معينة.		
Off (إيقاف التشغيل)	On (التشغيل)	المصابيح الأمامية المتحركة حسب التوجيه - إذا كانت السيارة مزودة بذلك
ملاحظة: عند تحديد هذه الميزة، تنجح المصابيح الأمامية مع تغيير اتجاه عجلة القيادة. لإجراء التحديد، اضغط على زر "Steering Directed Headlights" (المصابيح الأمامية المتحركة حسب التوجيه) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد، تشير إلى أنه قد تم تحديد الإعداد.		

الخيارات القابلة للتحديد		اسم الإعداد
Lights & Chime (المصابيح والصفارة)	Lights (المصابيح)	Off (إيقاف التشغيل)
تنبيه النقاط الخفية - إذا كانت السيارة مزودة بذلك		
ملاحظة: عند تحديد ميزة "Blind Spot Alert" (تنبيه النقاط الخفية)، يتم تنشيط نظام مراقبة النقاط الخفية (BSM) ويعرض تنبيهًا مرئيًا في المرايا الخارجية، أو يعرض تنبيهًا مرئيًا في المرايا الخارجية بالإضافة إلى تشغيل تنبيه صوتي عند تشغيل إشارة الانعطاف. عند تحديد "Off" (إيقاف التشغيل)، يتم إلغاء تنشيط نظام مراقبة النقاط الخفية (BSM). في حالة حدوث تلف بسيارتك في منطقة المستشعر، حتى في حالة عدم تلف الواجهة، قد يكون هناك خطأ في محاذاة المستشعر. توجه بسيارتك إلى وكيل معتمد للتأكد من صحة محاذاة المستشعر. قد يؤدي وجود خطأ بمحاذاة أحد المستشعرات إلى عدم عمل نظام مراقبة النقاط الخفية (BSM) طبقًا للمواصفات.		
Off (إيقاف التشغيل)	On (التشغيل)	مساعد بدء التشغيل على المرتفعات - إذا كانت السيارة مزودة بذلك

المرأة والماسحات

بعد الضغط على زر "المرأة والماسحات" على شاشة اللمس، ستكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	ماسحات استشعار المطر الأوتوماتيكية - إذا كانت السيارة مزودة بذلك
Off (إيقاف التشغيل)	On (التشغيل)	إمالة المرايا الجانبية عند الرجوع للخلف
Off (إيقاف التشغيل)	On (التشغيل)	Auto Folding Side Mirrors (المرايا الجانبية التي يتم طيها أوتوماتيكيًا) - إذا كانت السيارة مزودة بذلك
Off (إيقاف التشغيل)	On (التشغيل)	المصابيح الأمامية مع الماسحات

الخيارات القابلة للتحديد		اسم الإعداد	
الصوت والعرض		الصوت	نظام ParkSense - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: يقوم إعداد نظام "ParkSense"، عند تمكينه، بالبحث عن الأجسام الموجودة خلف السيارة عندما يكون محدد تروس ناقل الحركة في وضع REVERSE (الرجوع للخلف) وسرعة السيارة أقل من 11 كم/ساعة (7 أميال/الساعة). ويوفر إنذارًا (صوتيًا و/أو مرئيًا) ليشير إلى مدى الاقتراب من الأجسام الأخرى. يمكن تمكين النظام بواسطة خيار Sound (الصوت) أو Sound & Display (الصوت وشاشة العرض).</p>			
High (عال)	Med (متوسط)	Low (منخفض)	مستوى صوت نظام ParkSense الأمامي
High (عال)	Med (متوسط)	Low (منخفض)	مستوى صوت نظام ParkSense الخلفي
Off (إيقاف التشغيل)		On (التشغيل)	مساعد فرامل نظام ParkSense الخلفي - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد ميزة "Rear ParkSense Braking Assist" (مساعد التوقف الخلفي لنظام ParkSense)، يقوم نظام مساعد التوقف باكتشاف الأجسام الموجودة خلف السيارة واستخدام الفرامل المستقلة لإيقاف السيارة.</p>			
Comfort (الراحة)	Sport (الرياضة)	Normal (عادي)	الوضع الافتراضي للتوجيه المعزز كهربائيًا
<p>ملاحظة: عند تحديد "الوضع الافتراضي للتوجيه المعزز كهربائيًا"، فإنه يتيح لك تغيير الإعداد الافتراضي لسيارتك إلى الوضع العادي أو الوضع الرياضي أو وضع الراحة.</p>			
Disable (تعطيل)		Enable (تمكين)	أذرع التبديل

الخيارات القابلة للتحديد			اسم الإعداد
تحذير وفرامل النشطة	التحذير فقط	Off (إيقاف التشغيل)	تحذير التصادم الأمامي - إذا كانت السيارة مزودة بذلك
<p>ملاحظة:</p> <p>يؤدي تغيير حالة تحذير التصادم الأمامي (FCW) إلى "Off" (إيقاف التشغيل) إلى منع النظام من تحذيرك من التصادم المحتمل مع السيارة التي أمامك. يتضمن التحذير بشأن التصادم الأمامي نظام مساعد الفرامل المتقدم (ABA). يقوم مساعد الفرامل المتقدم (ABA) باستخدام ضغط الفرامل الإضافية عندما يطلب السائق ضغط فرامل غير كافٍ لتفادي تصادم أمامي محتمل. عند تحديد الخيار "Only Warning" (تحذير فقط)، تصدر إشارة صوتية لتنبيهك باحتمالية وقوع تصادم مع السيارة التي أمامك والحاجة إلى مزيد من الضغط على الفرامل. عند تحديد الخيار "Warning & Active Braking" (تحذير وفرامل نشطة)، يتم استخدام الفرامل لإبطاء السيارة عند احتمالية حدوث تصادم أمامي وتصدر إشارة صوتية لتنبيهك.</p>			
Far (بعيد)	Med (متوسط)	Near (قريب)	حساسية تحذير التصادم الأمامي — إذا كانت السيارة مزودة بذلك
<p>ملاحظة:</p> <p>يحدد إعداد "Forward Collision Warning Plus (FCW+) Sensitivity" (حساسية تحذير التصادم الأمامي الإضافي) المسافة النسبية التي يجب أن تكون عندها السيارة التي أمامك مباشرة قبل أن يقوم النظام بتحذيرك باحتمالية وقوع تصادم مع السيارة التي أمامك مباشرة، على أساس الخيار المحدد. يمنحك الخيار "Far" (بعيد) أكبر قدر من الوقت اللازم لرد الفعل في حين يمنحك الخيار "Near" (قريب) أقل قدر من الوقت اللازم لرد الفعل اعتمادًا على المسافة بين السيارتين.</p>			
Late (متأخر)	Med (متوسط)	Early (مبكر)	تحذير ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك
<p>ملاحظة:</p> <p>يحدد إعداد "LaneSense Warning" (تحذير استشعار الحارة) المسافة التي يحذرك نظام LaneSense (استشعار الحارة) عندها باحتمال مغادرة الحارة، من خلال اهتزاز عجلة القيادة.</p>			
High (عالي)	Med (متوسط)	Low (منخفض)	قوة ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك

بعد الضغط على زر "Safety/Assistance"
 (الأمان/المساعدة) على شاشة اللمس تكون الإعدادات
 التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	ParkView Backup Camera Delay (تأخير كاميرا الرجوع الخلفية ParkView) — إذا كانت السيارة مزودة بذلك
<p>ملاحظة: يحدد إعداد "ParkView Backup Camera Delay" (تأخير كاميرا الرجوع الخلفية ParkView) هل ستعرض الشاشة الصورة الخلفية مع خطوط الشبكة الديناميكية لمدة تصل إلى عشر ثوان بعد انتقال السيارة من وضع REVERSE (الرجوع للخلف) أم لا. سيتم إلغاء هذا التأخير إذا تجاوزت سرعة السيارة 8 أميال/الساعة (13 كم/ساعة)، أو تم نقل ناقل الحركة إلى وضع PARK (التوقف)، أو تمت إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).</p>		
Off (إيقاف التشغيل)	On (التشغيل)	إرشادات كاميرا الرجوع للخلف ParkView النشطة - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: تضيف ميزة "إرشادات كاميرا الرجوع للخلف ParkView النشطة" صورة كاميرا الرجوع للخلف مع خطوط شبكة نشطة أو ديناميكية تساعد على توضيح عرض السيارة ومسار رجوعها للخلف المتوقع اعتمادًا على وضع عجلة القيادة عند تحديد هذا الخيار. يشير تراكب الخط الأوسط المتقطع إلى مركز السيارة للمساعدة باستخدام التوقف أو المحاذاة مع قضيب ربط/المستقبل.</p>		

Clock (الساعة)

بعد الضغط على زر "Clock" (الساعة) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	مزامنة الوقت مع نظام تحديد المواقع العالمي (GPS)
-	+	ضبط ساعات الوقت
ملاحظة: تتيح لك ميزة "Set Time Hours" (ضبط ساعات الوقت) ضبط الساعات. يجب ألا تتم إزالة علامة الاختيار من زر "Sync with GPS Time" (المزامنة مع وقت نظام تحديد المواقع العالمي) على شاشة اللمس.		
-	+	ضبط دقائق الوقت
ملاحظة: تتيح لك ميزة "Set Time Minutes" (ضبط دقائق الوقت) ضبط الدقائق. يجب ألا تتم إزالة علامة الاختيار من زر "Sync with GPS Time" (المزامنة مع وقت نظام تحديد المواقع العالمي) على شاشة اللمس.		
24hrs (24 ساعة)	12hrs (12 ساعة)	تنسيق الوقت
Off (إيقاف التشغيل)	On (التشغيل)	Show Time in Status Bar (عرض الوقت في شريط الحالة) - إذا كانت السيارة مزودة بذلك

Units (الوحدات)

بعد الضغط على زر "Units" (الوحدات) على شاشة اللمس، تتوفر الإعدادات التالية:

الخيارات القابلة للتحديد		اسم الإعداد
Custom (مخصص)	Metric (النظام المتري)	US (النظام الأمريكي)
ملاحظة: يتيح لك خيار "Custom" (مخصص) ضبط وحدات قياس كل من "Speed" (السرعة) (ميل/ساعة أو كم/ساعة)، و"Distance" (المسافة) (ميل أو كم)، و"Fuel Consumption" (استهلاك الوقود) [ميل لكل جالون (الولايات المتحدة) أو ميل لكل جالون (المملكة المتحدة) أو لتر/100 كم أو لتر]، و"Pressure" (الضغط) (رطل لكل بوصة مربعة أو كيلو باسكال أو بار)، و"Temperature" (درجة الحرارة) (درجة مئوية أو فهرنهايت) كل على حدة.		

Voice (الصوت)

بعد الضغط على زر "Voice" (الصوت) على شاشة اللمس، تتوفر الإعدادات التالية:

الخيارات القابلة للتحديد		اسم الإعداد
المفصلة	Brief (قصير)	طول الاستجابة الصوتية
Never (مطلقاً)	With Help (مع التعليمات)	قائمة عرض الأوامر
	Always (دائمًا)	

الخيارات القابلة للتحديد		اسم الإعداد
Latin Keyboard (لوحة المفاتيح اللاتينية)	Smart Keyboard Selection (تحديد لوحة المفاتيح الذكية)	لوحة المفاتيح - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: تعرض لوحة المفاتيح اللاتينية (Latin Keyboard) مخططات لوحة المفاتيح المختلفة للاختيار من بينها. لوحات المفاتيح القابلة للتحديد هي ABCDEF Keyboard (لوحة مفاتيح بتنسيق ABCDEF) و QWERTY Keyboard (لوحة مفاتيح بتنسيق QWERTY) و AZERTY Keyboard (لوحة مفاتيح بتنسيق AZERTY).</p>		
Off (إيقاف التشغيل)	On (التشغيل)	Touchscreen Beep (صافرة شاشة اللمس)
Off (إيقاف التشغيل)	On (التشغيل)	انتهاء مهلة شاشة التحكم - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد ميزة "Control Screen Time-Out" (انتهاء مهلة شاشة التحكم)، تظل Controls Screen (شاشة مفاتيح التحكم) مفتوحة لمدة خمس ثوان قبل انتهاء مهلة الشاشة. عند إلغاء تحديد هذه الميزة، ستظل الشاشة مفتوحة حتى يتم إغلاقها يدوياً.</p>		
Off (إيقاف التشغيل)	On (التشغيل)	Nav Next Turn Pop-up In Cluster (النافذة المنبثقة لمسار الملاحة مع المنعطف التالي في مجموعة أجهزة القياس) - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد ميزة "Navigation Turn-By-Turn In Cluster" ("مسار الملاحة مع عرض انعطاف تلو الآخر في مجموعة أجهزة القياس")، ستظهر اتجاهات الانعطافات المتتالية على شاشة عرض مجموعة أجهزة القياس وذلك بمجرد اقتراب السيارة من منعطف محدد في المسار المبرمج.</p>		
Off (إيقاف التشغيل)	On (التشغيل)	قوائم الهاتف المنبثقة معروضة في مجموعة أجهزة القياس

شاشة العرض

بعد الضغط على زر "Display" (شاشة العرض) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Auto (أوتوماتيكي)	Manual (يدوي)	Display Mode (وضع شاشة العرض)
-	+	Display Brightness with Headlights On (سطوع شاشة العرض مع تشغيل المصابيح الأمامية)
ملاحظة: لإجراء تغييرات على إعداد "سطوع شاشة العرض مع تشغيل الأضواء الأمامية"، يجب أن تكون الأضواء الأمامية مضاءة وألا يكون مفتاح تعتيم المصابيح الداخلية في وضعي "الحفلة" أو "الاستعراض".		
-	+	سطوع شاشة العرض مع إيقاف تشغيل الأضواء الأمامية
ملاحظة: لإجراء تغييرات على إعداد "سطوع شاشة العرض مع إيقاف تشغيل الأضواء الأمامية"، يجب أن تكون الأضواء الأمامية مطفأة وألا يكون مفتاح تعتيم المصابيح الداخلية في وضعي "الحفلة" أو "الاستعراض".		
Off (إيقاف التشغيل)	On (التشغيل)	ضبط سمّة - إذا كانت السيارة مزودة بذلك
ملاحظة: عند تحديد ميزة "Set Theme" (ضبط السمّة)، يمكنك تحديد السمّة لشاشة العرض. لإجراء التحديد، اضغط على زر "Set Theme" (ضبط السمّة) على شاشة اللمس، ثم حدد زر خيار السمّة المطلوبة حتى تظهر علامة اختيار تشير إلى أنه قد تم اختيار الإعداد.		

الميزات القابلة للبرمجة بواسطة العميل — إعدادات

نظام Uconnect 4C/4C NAV

اضغط على زر "Apps (التطبيقات) (U)" ، ثم اضغط على زر "Settings" (الإعدادات) على شاشة اللمس لعرض شاشة إعداد القائمة. في هذا الوضع، يتيح لك نظام Uconnect الوصول إلى الميزات القابلة للبرمجة التي قد تكون مزودة مثل Language (اللغة) و Display (شاشة العرض) و Units (الوحدات) و Voice (الصوت) و Clock (الساعة) و Safety & Driving Assistance (السلامة والمساعدة في القيادة) و Mirrors & Wipers (المرايا والمساحات) و Lights (المصابيح) و Doors & Locks (الأبواب والأقفال)

اللغة

بعد الضغط على زر "Language" (اللغة) على شاشة اللمس سننوافر الإعدادات التالية:

و Auto-On Comfort (تشغيل نظام الراحة تلقائيًا) و Engine Off Options (خيارات إيقاف تشغيل المحرك) و Suspension (التعليق) و Audio (الصوت) و Phone/Bluetooth (الهاتف/البلوتوث) و Reset (إعادة الضبط) و System Information (معلومات النظام).

ملاحظة:

تبعًا لخيارات السيارة، قد تختلف إعدادات الميزات.

عند التحديد، اضغط على الزر الموجود على شاشة اللمس للدخول إلى الوضع المطلوب. وبمجرد الدخول إلى الوضع

المطلوب، اضغط على الإعداد المفضل "خيار" وحرره حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. بمجرد اكتمال الإعداد، اضغط إما على زر سهم "Back" (رجوع) على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر "X" على شاشة اللمس لإغلاق شاشة الإعدادات. يتيح الضغط على زر سهم "Up" (لأعلى) أو زر سهم "Down" (لأسفل) على الجانب الأيمن من الشاشة التنقل لأعلى أو لأسفل عبر الإعدادات المتاحة.

الخيارات القابلة للتحديد											اسم الإعداد
Русский	Turkce (التركية)	Portugues (البرتغالية)	Polski (البولندية)	Nederlands (الهولندية)	Italiano (الإيطالية)	Francais (الفرنسية)	Espanol (الإسبانية)	English (الإنجليزية)	Deutsch (الألمانية)	Brasileiro	اللغة
عند تحديد ميزة "Set Language" (ضبط اللغة)، يمكنك اختيار إحدى اللغات المتعددة (Brasileiro/Deutsch/English/Español/Français/Italiano/Nederlands/Polski/Português/Türk/Русский) لكافة مصطلحات شاشة العرض، بما في ذلك وظائف الرحلة وتشغيل الراديو. يمكن تحديد اللغة العربية أيضًا لمعلومات ومطالبات الراديو الصوتية. اضغط على زر "Set Language" (ضبط اللغة) على شاشة اللمس، ثم اضغط على زر اللغة المطلوبة على شاشة اللمس حتى تظهر علامة اختيار بجوار اللغة تشير إلى أنه قد تم اختيار الإعداد.											

Clear Personal Data (مسح البيانات)

(الشخصية)

بعد الضغط على زر "Clear Personal Data" (مسح البيانات الشخصية) على شاشة اللمس، تكون الإعدادات التالية متاحة:

اسم الإعداد	الخيارات القابلة للتحديد
Clear Personal Data (مسح البيانات الشخصية)	OK (موافق)
	Cancel (إلغاء)

ملاحظة:
عند تحديد ميزة "Clear Personal Data" (مسح البيانات الشخصية)، سيتم إزالة جميع البيانات الشخصية بما في ذلك أجهزة Bluetooth ومفاتيح الضبط المسبق.

معلومات النظام - إذا كانت السيارة مزودة بذلك
بعد الضغط على زر "System Information" (معلومات النظام) على شاشة اللمس، تتوفر الإعدادات التالية:

اسم الإعداد	الخيارات القابلة للتحديد
System Information (معلومات النظام)	شاشة System Software Information (معلومات برنامج النظام)

ملاحظة:
عند تحديد هذه الميزة تظهر شاشة "System Information" (معلومات النظام)، حيث توضح إصدار برنامج النظام.

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	وضع محاذاة العجلات
<p>ملاحظة: يمنع إعداد "Wheel Alignment Mode" (وضع محاذاة العجلات) الضبط التلقائي لنظام التعليق الهوائي أثناء إجراء خدمة محاذاة العجلات.</p>		

إعداد الراديو — إذا كانت السيارة مزودة بذلك
بعد الضغط على زر "Radio Setup" (إعداد الراديو)
على شاشة اللمس، تتوفر الإعدادات التالية:

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	الإقليمية - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد الميزة "Regional" (إقليمي)، فإنها تفرض الخدمة الإقليمية مما يتبعه تمكين التغيير التلقائي لمحطات الشبكة.</p>		

Restore Settings (استعادة الإعدادات)
بعد الضغط على زر "Restore Settings" (استعادة
الإعدادات) على شاشة اللمس تكون الإعدادات التالية
متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Cancel (إلغاء)	OK (موافق)	Restore Settings (استعادة الإعدادات)
<p>ملاحظة: عند تحديد هذه الميزة، سوف تتم إعادة ضبط جميع الإعدادات إلى إعداداتها الافتراضية.</p>		

الخيارات القابلة للتحديد		اسم الإعداد
On (التشغيل)	Off (إيقاف التشغيل)	Display Phone Info In Cluster (عرض معلومات الهاتف في المجموعة) - إذا كانت السيارة مزودة بذلك

التعليق - إذا كانت السيارة مزودة بذلك بعد الضغط على زر "Suspension" (التعليق) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	التعليق الأوتوماتيكي في وضع الدخول/الخروج
ملاحظة: عند تحديد إعداد "Auto Entry/Exit Suspension" (التعليق الأوتوماتيكي في وضع الدخول/الخروج) تنخفض السيارة تلقائيًا من وضع ارتفاع القيادة عند نقل السيارة إلى وضع PARK (التوقف) من أجل الدخول/الخروج بسهولة.		
Warnings Only (التحذيرات فقط)	All (الكل)	عرض رسائل التعليق
ملاحظة: يتيح لك إعداد "Display Suspension Messages" (عرض رسائل التعليق) اختيار ما إذا كنت ترغب في أن يعرض نظام التعليق جميع رسائل التعليق أو يعرض تحذيرات التعليق فقط.		
Off (إيقاف التشغيل)	On (التشغيل)	وضع رافعة الإطار
ملاحظة: عند تحديد إعداد "Tire Jack Mode" (وضع رافعة الإطار)، يتم تعطيل نظام التعليق الهوائي لتفادي الضبط التلقائي للتعليق أثناء وجود السيارة على رافعة لتغيير الإطار.		
Off (إيقاف التشغيل)	On (التشغيل)	وضع النقل
ملاحظة: عند تحديد إعداد "Transport Mode" (وضع النقل) يتم تعطيل نظام التعليق الهوائي للمساعدة في السحب باستخدام شاحنة ذات سطح مفتوح.		

اسم الإعداد	الخيارات القابلة للتحديد
علو الصوت — إذا كانت السيارة مزودة بذلك	لا
<p>ملاحظة: تعمل هذه الميزة، عند تمكينها، على تحسين جودة الصوت عند مستويات الصوت المنخفضة.</p>	
إزاحة مستوى صوت الجهاز الإضافي - إذا كانت السيارة مزودة بذلك	+3
<p>ملاحظة: تعمل هذه الميزة على توفير القدرة على توليف مستوى الصوت للأجهزة المحمولة المتصلة من خلال إدخال AUX (الجهاز الإضافي).</p>	

الهاتف/البلوتوث

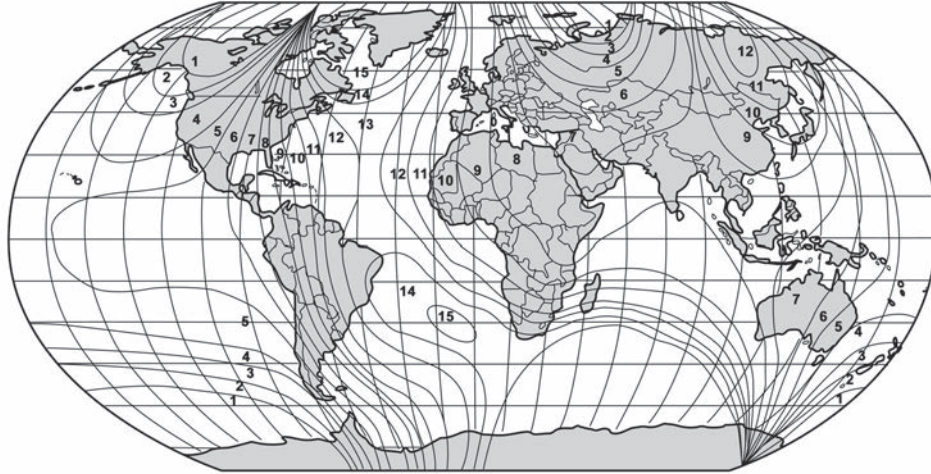
بعد الضغط على زر "Phone/Bluetooth" (الهاتف/البلوتوث) على شاشة اللمس، تتوفر الإعدادات التالية:

اسم الإعداد	الخيارات القابلة للتحديد
ميزة Do Not Disturb (عدم الإزعاج)	قائمة الإعدادات
<p>ملاحظة: اضغط على "Do Not Disturb" (عدم الإزعاج) للوصول إلى الإعدادات المتاحة. الإعدادات التالية هي: Auto Reply (الرد التلقائي) (الائتمان، الرسائل، المكالمات)، و Auto Reply Message (رسالة الرد التلقائي) (مخصصة، افتراضية) و Custom Auto Reply Message (رسالة الرد التلقائي المخصصة) (إنشاء رسالة).</p>	
الهواتف المقترنة وأجهزة الصوت	List of Paired Phones (قائمة الهواتف المقترنة)
<p>ملاحظة: تعرض ميزة "الهواتف ومصادر الصوت المقترنة" الهواتف وأجهزة الوسائط المقترنة بنظام "Bluetooth/الهاتف". لمزيد من المعلومات، راجع ملحق دليل مالك نظام Uconnect.</p>	

الصوت

بعد الضغط على زر "Audio" (الصوت) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد					اسم الإعداد
زر "C" Center (المركز "C")	زر سهم Right (لليمين)	زر سهم Left (لليسار)	زر سهم Down (لأسفل)	زر سهم Up (لأعلى)	التوازن/الخفت
<p>ملاحظة: عند التواجد في هذه الشاشة، يمكنك ضبط Balance/Fade (التوازن/الخفت) للصوت باستخدام زر Arrow (السهم) الموجود على شاشة اللمس لضبط مستوى الصوت من مكبرات الصوت الأمامية والخلفية أو مكبرات الصوت اليمنى واليسرى. اضغط على "Center "C"" (زر المركز "C") الموجود على شاشة اللمس لإعادة ضبط التوازن والخفت إلى إعداد المصنع.</p>					
Treble (الصوت المرتفع)	Mid (النطاق المتوسط)		Bass (الجهير)		المعادل
<p>ملاحظة: عند التواجد في شاشة العرض هذه، يمكنك ضبط إعدادات "Bass" (الجهير) و"Mid" (النطاق المتوسط) و"Treble" (الصوت المرتفع). اضبط الإعدادات باستخدام زري الإعداد "+" أو "-" على شاشة اللمس أو من خلال تحديد أي نقطة على المقياس بين زري "+" و "-" على شاشة اللمس. يتيح لك إعداد Bass (الجهير)/Mid (النطاق المتوسط)/Treble (الصوت المرتفع) أيضًا تحريك إصبعك ببساطة لأعلى أو لأسفل لتغيير الإعداد بالإضافة إلى الضغط على الإعداد المطلوب مباشرة.</p>					
3	2	1	Off (إيقاف التشغيل)		مستوى الصوت المعدل بالسرعة
Off (إيقاف التشغيل)			On (التشغيل)		الصوت المحيطي — إذا كانت السيارة مزودة بذلك
Off (إيقاف التشغيل)			On (التشغيل)		التشغيل الأوتوماتيكي
<p>ملاحظة: عند اختيار إعداد "Auto Play" (التشغيل التلقائي) الفرعي، فسوف تظهر رسالة منبثقة تنص على "USB devices will automatically play media when" (ستقوم أجهزة USB بتشغيل الوسائط تلقائيًا عند تشغيل إعداد التشغيل التلقائي).</p>					



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خريطة منطقة تباین البوصلة

البدء	معايرة البوصلة
<p>ملاحظة: اضغط على "Compass Calibration" (معايرة البوصلة) على شاشة اللمس لإدخال المعايرة. لبدء معايرة البوصلة، اضغط على زر "Yes" (نعم) على شاشة اللمس، وأكمل دورة أو أكثر بزاوية 360 درجة (في منطقة خالية من المعادن أو الأجسام المعدنية الكبيرة). تظهر رسالة على شاشة اللمس عند نجاح معايرة البوصلة. أبعد المواد المغناطيسية عن مرآة الرؤية الخلفية، مثل الهواتف المحمولة وأجهزة الكمبيوتر المحمولة وأجهزة كشف الرادار. وذلك حيث توجد البوصلة، وقد تسبب التشويش على مستشعر البوصلة، مما يؤدي إلى قراءات خاطئة.</p>	

إعدادات البوصلة – إذا كانت السيارة مزودة بذلك

ملاحظة:

قبل تنفيذ معايرة البوصلة، يجب ضبط منطقة تباين البوصلة للحصول على أفضل النتائج.

بعد الضغط على زر "Compass Settings" (إعدادات البوصلة) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد														اسم الإعداد	
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	تباين البوصلة
عند تحديد ميزة "Compass Variance" (تباين البوصلة)، فإنها تتيح لك ضبط تباين البوصلة إلى أي رقم من 1 إلى 15 على شكل خريطة منطقة تباين البوصلة. تباين البوصلة هو الفرق بين الشمال المغناطيسي والشمال الجغرافي. لتعويض هذا الفرق، يجب ضبط التباين للمنطقة التي تسير بها السيارة، والموضحة على خريطة المنطقة. بمجرد ضبط ذلك بشكل صحيح، ستقوم البوصلة أوتوماتيكيًا بتعويض الفارق عند المعايرة وتقديم قراءات دقيقة.															

خيارات إيقاف تشغيل المحرك
 بعد الضغط على زر "Engine Off Options"
 (خيارات إيقاف تشغيل المحرك) على شاشة اللمس تكون
 الإعدادات التالية متاحة:

الخيارات القابلة للتحديد				اسم الإعداد
10 min (10 دقائق)	5 min (5 دقائق)	45 sec (45 ثانية)	0 sec (0 ثانية)	تأخير إيقاف طاقة المحرك - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد ميزة "تأخير إيقاف طاقة المحرك"، تبقى مفاتيح النواخذ العاملة بالطاقة والراديو ونظام Uconnect Phone (إذا كانت السيارة مزودة بذلك) والسقف المتحرك العامل بالطاقة (إذا كانت السيارة مزودة بذلك) ومآخذ الطاقة نشطة لمدة تصل إلى عشر دقائق بعد إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). يؤدي فتح أي من الأبواب الأمامية إلى إلغاء هذه الميزة.</p>				
90 sec (90 ثانية)	60 sec (60 ثانية)	30 sec (30 ثانية)	0 sec (0 ثانية)	تأخير إطفاء الأضواء الأمامية
<p>ملاحظة: عند تحديد ميزة "Headlight Off Delay" (تأخير إطفاء الأضواء الأمامية)، فإنها تتيح ضبط مقدار الوقت الذي تظل فيه الأضواء الأمامية قيد التشغيل بعد إيقاف تشغيل المحرك.</p>				
On (التشغيل)		On (التشغيل)		مقعد الخروج السهل — إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد ميزة "Easy Exit Seat" (مقعد الخروج السهل)، تتوفر أوضاع مقعد سائق أوتوماتيكية لتسهيل حرية حركة السائق عند الدخول والخروج من السيارة.</p>				

التشغيل التلقائي عند الراحة - إذا كانت السيارة مزودة
بذلك

بعد الضغط على زر "Auto-On Comfort" (التشغيل
التلقائي عند الراحة) على شاشة اللمس تكون الإعدادات
التالية متاحة:

الخيارات القابلة للتحديد			اسم الإعداد
All Start (بدء تشغيل الكل)	Remote Start (بدء التشغيل عن بُعد)	Off (إيقاف التشغيل)	مقعد السائق المسخن/المزود بالتهوية وعجلة القيادة المسخنة/المزودة بالتهوية أوتوماتيكيًا عند تشغيل السيارة - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد هذه الميزة، سيتم تشغيل المقعد المسخن للسائق وعجلة القيادة المسخنة تلقائيًا عندما تكون درجات الحرارة أقل من 40 درجة فهرنهايت (4.4 درجات مئوية). عندما تكون درجات الحرارة أعلى من 80 درجة فهرنهايت (26.6 درجة مئوية)، سيتم تشغيل مقعد السائق المزود بفتحات التهوية. لإجراء التحديد، اضغط على زر "Auto Heated Seats" (المقاعد المسخنة الأوتوماتيكية) على شاشة اللمس، ثم حدد إما "Off" (إيقاف التشغيل) أو "Remote Start" (بدء التشغيل عن بُعد) أو "All Starts" (جميع عمليات بدء التشغيل).</p>			

الخيارات القابلة للتحديد	اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)

الإعدادات الشخصية المرتبطة بحافظة المفاتيح — إذا كانت السيارة مزودة بذلك

ملاحظة:

توفر ميزة "Personal Settings Linked to Key Fob" (الإعدادات الشخصية المرتبطة بحافظة المفاتيح) استدعاءً أوتوماتيكيًا لجميع الإعدادات المخزنة بموقع الذاكرة (مقعد السائق والمرايا الخارجية وموضع عمود التوجيه ومحطة الراديو مسبقًا الضبط) لتسهيل حرية حركة السائق عند دخول السيارة والخروج منها.

الخيارات القابلة للتحديد	اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)

Power Liftgate Alert (تنبيه باب المؤخرة العامل بالطاقة) - إذا كانت السيارة مزودة بذلك

ملاحظة:

تصدر ميزة "Power Liftgate Alert" (تنبيه باب المؤخرة العامل بالطاقة) تنبيهًا عندما يتم رفع باب المؤخرة العامل بالطاقة أو خفضه.

الخيارات القابلة للتحديد	اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)

أقفال الأبواب الأوتوماتيكية - إذا كانت السيارة مزودة بذلك

ملاحظة:

تعمل ميزة "Auto Door Locks" (أقفال الأبواب الأوتوماتيكية) على قفل جميع الأبواب أوتوماتيكيًا عندما تصل سرعة السيارة إلى 15 ميلًا/الساعة (24 كم/ساعة).

بعد الضغط على زر "Doors & Locks" (الأبواب والأقفال) على شاشة اللمس تكون الإعدادات التالية متاحة:

اسم الإعداد	الخيارات القابلة للتحديد
إلغاء القفل الأوتوماتيكي عند الخروج	On (التشغيل) Off (إيقاف التشغيل)
<p>ملاحظة: عند تحديد ميزة "Auto Unlock On Exit" (إلغاء القفل الأوتوماتيكي عند الخروج)، يتم إلغاء قفل جميع الأبواب عند توقف السيارة ووجود ناقل الحركة في وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) مع فتح باب السائق.</p>	
وميض الأضواء عند القفل	On (التشغيل) Off (إيقاف التشغيل)
إلغاء القفل بالضغط الأولى على حافظة المفاتيح	Driver Door (باب السائق) All Doors (جميع الأبواب)
<p>ملاحظة: عند تحديد "Driver" (السائق)، سيتم إلغاء قفل باب السائق فقط عند الضغط الأولى على زر إلغاء القفل في حافظة المفاتيح، ويجب عليك الضغط على زر إلغاء القفل في حافظة المفاتيح مرتين لإلغاء قفل أبواب الركاب. عند تحديد All (الكل)، يتم إلغاء قفل جميع الأبواب بغض النظر عن مقبض الباب المزود بخاصية الدخول غير النشط الذي تم مسكه. إذا تمت برمجة Driver (السائق)، فسيتم إلغاء قفل باب السائق فقط عند مسك مقبض باب السائق. يؤدي لمس المقبض أكثر من مرة إلى فتح باب السائق مرة واحدة فقط. إذا كان باب السائق مفتوحاً، فإنه يمكن استخدام مفتاح القفل/إلغاء القفل جميع الأبواب (أو استخدام حافظة المفاتيح).</p>	
نظام الدخول غير النشط - إذا كانت السيارة مزودة بذلك	On (التشغيل) Off (إيقاف التشغيل)
<p>ملاحظة: تتيح لك هذه الميزة قفل باب (أبواب) السيارة وإلغاء قفلها من دون الحاجة إلى الضغط على أزرار lock (القفل) أو unlock (إلغاء القفل) بحافظة المفاتيح. لإجراء التحديد، اضغط على زر "Passive Entry" (الدخول غير النشط) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل).</p>	

Lights (المصابيح)

بعد الضغط على زر "Lights" (المصابيح) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
30 sec (30 ثانية)	0 sec (0 ثانية)	تأخير إطفاء الأضواء الأمامية
90 sec (90 ثانية)	60 sec (60 ثانية)	
ملاحظة: عند تحديد ميزة "Headlight Off Delay" (تأخير إطفاء الأضواء الأمامية)، تتيح ضبط مقدار الوقت الذي تظل فيه الأضواء الأمامية قيد التشغيل بعد إيقاف تشغيل المحرك.		
30 sec (30 ثانية)	0 sec (0 ثانية)	إضاءة الأضواء الأمامية على الطريق
90 sec (90 ثانية)	60 sec (60 ثانية)	
ملاحظة: عندما يتم تحديد هذه الميزة، فإنها تتيح ضبط مقدار وقت بقاء الأضواء الأمامية مضاءة بعد إلغاء قفل الأبواب باستخدام حافظة المفاتيح.		
Off (إيقاف التشغيل)	On (التشغيل)	الأضواء الأمامية مع المساحات - إذا كانت السيارة مزودة بذلك
Off (إيقاف التشغيل)	On (التشغيل)	Auto High Beam (الأضواء العالية الأوتوماتيكية) - إذا كانت السيارة مزودة بذلك
ملاحظة: عند تحديد "Auto High Beam" (الأضواء العالية الأوتوماتيكية)، يتم تنشيط/إلغاء تنشيط الأضواء الأمامية ذات الضوء العالي أوتوماتيكيًا في ظروف معينة.		
Off (إيقاف التشغيل)	On (التشغيل)	أضواء النهار
Off (إيقاف التشغيل)	On (التشغيل)	وميض الأضواء عند القفل

الخيارات القابلة للتحديد			اسم الإعداد
التحذير والفرامل	Warning Only (التحذير فقط)	Off (إيقاف التشغيل)	تحذير التصادم الأمامي - إذا كانت السيارة مزودة بذلك
ملاحظة: يؤدي تغيير حالة تحذير التصادم الأمامي (FCW) إلى "Off" (إيقاف التشغيل) إلى منع النظام من تحذيرك من التصادم المحتمل مع السيارة التي أمامك.			
Near (قريب)	Med (متوسط)	Far (بعيد)	حساسية التصادم الأمامي — إذا كانت السيارة مزودة بذلك
ملاحظة: يحدد إعداد "Forward Collision Warning Plus (FCW+) Sensitivity" (حساسية تحذير التصادم الأمامي الإضافي) المسافة النسبية التي يجب أن تكون عندها السيارة التي أمامك مباشرة قبل أن يقوم النظام بتحذيرك باحتمالية وقوع تصادم مع السيارة التي أمامك مباشرة، على أساس الخيار المحدد. يمنحك الخيار "Far" (بعيد) أكبر قدر من الوقت اللازم لرد الفعل في حين يمنحك الخيار "Near" (قريب) أقل قدر من الوقت اللازم لرد الفعل اعتمادًا على المسافة بين السيارتين.			
Lights & Chime (المصابيح والصفارة)	Lights (المصابيح)	Off (إيقاف التشغيل)	تنبيه النقاط الخفية - إذا كانت السيارة مزودة بذلك
ملاحظة: عند تحديد ميزة "Blind Spot Alert" (تنبيه النقاط الخفية)، يتم تنشيط نظام مراقبة النقاط الخفية (BSM) ويعرض تنبيهًا مرئيًا في المرايا الخارجية، أو يعرض تنبيهًا مرئيًا في المرايا الخارجية بالإضافة إلى تشغيل تنبيه صوتي عند تشغيل إشارة الانعطاف. عند تحديد "Off" (إيقاف)، يتم إلغاء تنشيط نظام مراقبة النقاط الخفية (BSM). في حالة حدوث تلف بسيارتك في منطقة المستشعر، حتى في حالة عدم تلف الواجهة، قد يكون هناك خطأ في محاذاة المستشعر. توجه بسيارتك إلى وكيل معتمد للتأكد من صحة محاذاة المستشعر. قد يؤدي وجود خطأ بمحاذاة أحد المستشعرات إلى عدم عمل نظام مراقبة النقاط الخفية (BSM) طبقًا للمواصفات.			

الخيارات القابلة للتحديد		اسم الإعداد	
Off (إيقاف التشغيل)	On (التشغيل)	الإرشادات النشطة لكاميرا الرجوع الخلفية ParkView - إذا كانت السيارة مزودة بذلك	
<p>ملاحظة: تضيف ميزة "ParkView Backup Camera Active Guide Lines" (الإرشادات النشطة لكاميرا الرجوع الخلفية ParkView) إلى صورة كاميرا الرجوع الخلفية خطوط شبكة نشطة أو ديناميكية تساعد على توضيح عرض السيارة ومسار رجوعها للخلف اعتمادًا على وضع عجلة القيادة عند تحديد هذا الخيار. يشير تراكب الخط الأوسط المتقطع إلى مركز السيارة للمساعدة باستخدام التوقف أو المحاذاة مع بقضييب ربط/المستقبل.</p>			
Off (إيقاف التشغيل)	On (التشغيل)	ParkView Backup Camera Delay (تأخير كاميرا الرجوع الخلفية ParkView) — إذا كانت السيارة مزودة بذلك	
<p>ملاحظة: عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) (مع ضبط تأخير الكاميرا على إيقاف التشغيل)، يتم الخروج من وضع الكاميرا الخلفية ويتم عرض شاشة الملاحه أو الراديو مرة أخرى. عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) (مع ضبط تأخير الكاميرا على التشغيل)، سيتم عرض الصورة الخلفية مع خطوط الشبكة الديناميكية لمدة تصل إلى عشر ثوان بعد الخروج من وضع "REVERSE" (الرجوع للخلف) إلا إذا تجاوزت سرعة السيارة للأمام 8 أميال/الساعة (12 كم/ساعة) أو تم نقل ناقل الحركة إلى وضع PARK (التوقف) أو تمت إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). لضبط تأخير كاميرا الرجوع الخلفية ParkView، اضغط على زر "+" MORE (المزيد) على الواجهة، ثم زر "Settings" (الإعدادات) على شاشة اللمس، ثم زر "Safety & Driving Assistance" (السلامة والمساعدة في القيادة) على شاشة اللمس. اضغط على زر "Parkview Backup camera Delay" (تأخير كاميرا الرجوع الخلفية Parkview) على شاشة اللمس لتفعيل تأخير كاميرا الرجوع الخلفية ParkView أو إيقاف تشغيلها.</p>			
Off (إيقاف التشغيل)	On (التشغيل)	ماسحات استشعار المطر الأوتوماتيكية	
Off (إيقاف التشغيل)	On (التشغيل)	مساعد بدء التشغيل على المرتفعات - إذا كانت السيارة مزودة بذلك	
Disable (تعطيل)	Enable (تمكين)	أذرع التبديل	

الخيارات القابلة للتحديد			اسم الإعداد
High (عال)	Med (متوسط)	Low (منخفض)	مستوى صوت نظام ParkSense الأمامي
High (عال)	Med (متوسط)	Low (منخفض)	مستوى صوت نظام ParkSense الخلفي
<p>ملاحظة: يمكن تحديد إعدادات Rear ParkSense Volume (مستوى صوت نظام ParkSense الخلفي) من شاشة عرض مجموعة أجهزة القياس. تشمل إعدادات مستوى صوت الصافرة LOW (منخفض) وMED (متوسط) وHIGH (عال). إعداد مستوى الصوت الافتراضي للمصنع هو MED (متوسط). لإجراء التحديد، اضغط على زر "ParkSense Rear Volume" (مستوى صوت نظام ParkSense الخلفي) على شاشة اللمس، للإشارة إلى أنه قد تم تحديد الإعداد. يحتفظ نظام ParkSense بأخر حالة تهيئة معروفة خلال دورات التشغيل.</p>			
Off (إيقاف التشغيل)	On (التشغيل)		مساعد فرامل نظام ParkSense الخلفي - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: عند تحديد هذه الميزة، سيكتشف نظام ParkSense الأجسام الموجودة خلف السيارة وسيستخدم الفرامل المستقلة للمساعدة على إيقاف السيارة (تكون ممكنة فقط عند تشغيل ParkSense أيضًا).</p>			
Late (متأخر)	Medium (متوسط)	Early (مبكر)	تحذير ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: يحدد إعداد "LaneSense Warning" تحذير استشعار الحارة (المسافة التي يحذرك نظام LaneSense (استشعار الحارة) عندها باحتمال مغادرة الحارة، من خلال اهتزاز عجلة القيادة.</p>			
High (عال)	Med (متوسط)	Low (منخفض)	قوة نظام LaneSense (استشعار الحارة)
Off (إيقاف التشغيل)	On (التشغيل)		إمالة المرايا الجانبية عند الرجوع للخلف

الساعة والتاريخ

بعد الضغط على زر "Clock & Date" (الساعة والتاريخ) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
24 hour (24 ساعة)	12 hour (12 ساعة)	ضبط الوقت والتنسيق
PM (مساء)	AM	
<p>ملاحظة: من إعداد "Set Time and Format" (ضبط الوقت والتنسيق)، اضغط على أزرار الأسهم المناظرة على شاشة اللمس لضبط الوقت الصحيح.</p>		
Down Arrow (سهم لأسفل)	سهم لأعلى	ضبط التاريخ - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: من إعداد "Set Date" (ضبط التاريخ)، اضغط على أزرار الأسهم المناظرة على شاشة اللمس لضبط الوقت الصحيح.</p>		

الأمان/المساعدة

بعد الضغط على زر "Safety/Assistance" (الأمان/المساعدة) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
الصوت والعرض	Sound Only (الصوت فقط)	نظام ParkSense - إذا كانت السيارة مزودة بذلك
<p>ملاحظة: سيقوم نظام ParkSense بالبحث عن الأجسام الموجودة خلف السيارة عندما يكون محدد تروس ناقل الحركة في وضع REVERSE (الرجوع للخلف) وسرعة السيارة أقل من 7 أميال/الساعة (11 كم/ساعة). ويوفر إنذارًا (صوتيًا و/أو مرئيًا) ليشير إلى مدى الاقتراب من الأجسام الأخرى. يتم تمكين النظام مع الخيار Sound Only (الصوت فقط) أو Sound & Display (الصوت وشاشة العرض). لتغيير حالة نظام ParkSense، اضغط على الزر "Sound Only" (الصوت فقط) أو "Sounds & Display" (الأصوات والعرض) وحرره.</p>		

الخيارات القابلة للتحديد		اسم الإعداد
Off (إيقاف التشغيل)	On (التشغيل)	Touchscreen Beep (صافرة شاشة للمس)

الوحدات

بعد الضغط على زر "Units" (الوحدات) على شاشة اللمس، تتوفر الإعدادات التالية:

الخيارات القابلة للتحديد			اسم الإعداد
مخصص	النظام المتري	النظام الأمريكي	الوحدات

ملاحظة:

يتيح لك خيار "Custom" ("مخصص") ضبط وحدات قياس كل من "Speed" (السرعة) (ميل/ساعة أو كم/ساعة)، و"Distance" (المسافة) (ميل أو كم)، و"Fuel Consumption" (استهلاك الوقود) [(ميل لكل جالون (الولايات المتحدة) أو ميل لكل جالون (المملكة المتحدة) أو لتر/100 كم أو كم/لتر]، و"Pressure" (الضغط) (رطل لكل بوصة مربعة أو كيلو باسكال أو بار)، و"Temperature" (درجة الحرارة) (درجة مئوية أو فهرنهايت) كل على حدة.

Voice (الصوت)

بعد الضغط على زر "Voice" (الصوت) على شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
المفصلة	Brief (موجزة)	طول الاستجابة الصوتية
Always (دائمًا)	With Help (مع التعليمات)	قائمة عرض الأوامر
	Never (أبداً)	

وPhone/Bluetooth (الهاتف/البلوتوث)
وSuspension (التعليق) وRadio Setup (إعداد
الراديو) وRestore Settings (استعادة الإعدادات)
وClear Personal Data (البيانات الشخصية)
وSystem Information (معلومات النظام).

ملاحظة:

يمكنك لمس منطقة واحدة فقط في شاشة اللمس في كل مرة.
عند التحديد، اضغط على الزر الموجود على شاشة اللمس
للدخول إلى الوضع المطلوب. وبمجرد الدخول إلى الوضع
المطلوب، اضغط على الإعداد المفضل وحرره، ثم قم
بإجراء التحديد. بمجرد اكتمال الإعداد، اضغط إما على
سهم للخلف/زر Done (تم) على شاشة اللمس أو على زر
Back (رجوع) على الواجهة للعودة إلى القائمة السابقة أو

اضغط على زر "X" على شاشة اللمس لإغلاق شاشة
الإعدادات. يتيح لك زر سهم "لأعلى" أو زر سهم "لأسفل"
على الجانب الأيمن من الشاشة التنقل لأعلى أو لأسفل عبر
الإعدادات المتاحة.

ملاحظة:

ينبغي تغيير كل الإعدادات أثناء وجود مفتاح التشغيل في
وضع RUN (الانطلاق).

شاشة العرض

بعد الضغط على زر "Display" (شاشة العرض) على
شاشة اللمس تكون الإعدادات التالية متاحة:

الخيارات القابلة للتحديد		اسم الإعداد
Auto (أوتوماتيكي)	Manual (يدوي)	Display Mode (وضع شاشة العرض)
+	-	Display Brightness with Headlights On (سطوع شاشة العرض مع تشغيل المصابيح الأمامية)

ملاحظة:

لإجراء تغييرات على إعداد "سطوع شاشة العرض مع تشغيل الأضواء الأمامية"، يجب أن تكون الأضواء الأمامية مضاءة وألا يكون مفتاح تعتيم المصابيح الداخلية في وضعي "الحفلة" أو "الاستعراض".

+	-	سطوع شاشة العرض مع إيقاف تشغيل الأضواء الأمامية
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ملاحظة:

لإجراء تغييرات على إعداد "سطوع شاشة العرض مع إيقاف تشغيل الأضواء الأمامية"، يجب أن تكون الأضواء الأمامية مطفأة وألا يكون مفتاح تعتيم المصابيح الداخلية في وضعي "الحفلة" أو "الاستعراض".



أزرار Uconnect 4C/4C على الواجهة والأزرار الموجودة على شاشة اللمس

- 1 - أزرار Uconnect على شاشة اللمس
- 2 - أزرار Uconnect على الواجهة

الميزات القابلة للبرمجة بواسطة العميل - إعدادات نظام Uconnect 4

اضغط على زر "Apps (التطبيقات) (U)", ثم اضغط على زر "Settings" (الإعدادات) على شاشة اللمس لعرض شاشة إعداد القائمة. في هذا الوضع، يتيح لك نظام Uconnect الوصول إلى الميزات القابلة للبرمجة التي قد تكون مزودة مثل Display (شاشة العرض) و Units (الوحدات) و Voice (الصوت) و Clock (الساعة) و Safety & Driving Assistance (السلامة) و Doors & Locks (الأبواب والأقفال) و Auto-On Comfort (ميزة التشغيل التلقائي عند الراحة) و Engine Off Options (خيارات إيقاف تشغيل المحرك) و Compass (البوصلة) و Audio (الصوت)

إعدادات نظام UCONNECT

يستخدم نظام Uconnect خليط من مجموعة من الأزرار على شاشة اللمس ومجموعة من الأزرار على الواجهة، الموجود في منتصف لوحة أجهزة القياس التي تتيح لك الوصول إلى الميزات القابلة للبرمجة بواسطة العميل وتغييرها. قد تختلف العديد من الميزات باختلاف السيارة.



أزرار نظام Uconnect 4 على شاشة اللمس والأزرار الموجودة في الواجهة

- 1 - أزرار Uconnect على شاشة اللمس
- 2 - أزرار Uconnect على الواجهة

ملاحظة:

- يمكن لشركة FCA US LLC أو الوكيل الاتصال بك مباشرة بخصوص تحديثات البرامج.
- للمساعدة في زيادة تحسين أمان السيارة والتقليل من المخاطر المحتملة بشأن انتهاك الأمان، ينبغي على ملاك السيارة:
 - راجع www.driveuconnect.com/support/software-update.html بصورة منتظمة للتعرف على تحديثات برنامج Uconnect المتاحة.
 - الاتصال بأجهزة الوسائط الموثوق بها واستخدامها من دون غيرها (مثل الهواتف المحمولة الشخصية، أجهزة USB، الأقراص المضغوطة).

لا يمكن ضمان خصوصية أية اتصالات سلكية ولاسلكية. يمكن لأطراف خارجية اعتراض المعلومات والاتصالات الخاصة على نحو مخالف للقانون من دون موافقتك. للحصول على مزيد من المعلومات، راجع "نظام الفحص الذاتي (Cybersecurity (OBD II) ضمن "التعرف على لوحة أجهزة القياس".

والاتصالات اللاسلكية. تتطور تقنية برامج السيارة باستمرار بمرور الوقت وتقوم FCA US LLC، بالتعاون مع مورديها، بالتقييم واتخاذ الخطوات المناسبة حسب الحاجة. قد تتطلب سيارتك، شأنها شأن الكمبيوتر أو الأجهزة الأخرى، تحديثات البرامج لتحسين قابلية استخدام الأنظمة وأدائها أو لتقليل المخاطر المحتملة بشأن الوصول غير المصرح به أو غير القانوني لأنظمة السيارة.

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!

- 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.
- لا تدخل وسائط (على سبيل المثال، USB أو بطاقة SD أو قرص مضغوط) في سيارتك إلا إذا كان مصدرها موثوق به. 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، فإذهب بالسيارة إلى أقرب وكيل معتمد على الفور.



قائمة تطبيقات Uconnect 4C/4C NAV

1. اضغط على زر "Apps (التطبيقات)" لفتح شاشة التطبيق.
 2. اضغط مطولًا، ثم اسحب التطبيق المحدد لاستبدال اختصار موجود في شريط القائمة الرئيسية.
- سيكون الاختصار الجديد الآن اختصارًا/تطبيقًا نشطًا على شريط القائمة الرئيسية.

نظام CYBERSECURITY

قد تكون سيارتك سيارة متصلة ويمكن أن تكون مزودة بكلتا الشبكات السلكية واللاسلكية. تتيح هذه الشبكات لسيارتك إرسال المعلومات واستقبالها. 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

أنظمة UCONNECT

للحصول على معلومات تفصيلية حول نظام Uconnect، راجع ملحق دليل مالك نظام Uconnect.

ملاحظة:

يتم عرض صور شاشة نظام Uconnect للأغراض التوضيحية فقط وقد لا تعكس البرنامج ذاته الموجود في سيارتك.

شريط قائمة السحب والإفلات

يتم تغيير ميزات وخدمات نظام Uconnect في شريط القائمة الرئيسية بسهولة لراحتك. ما عليك سوى اتباع هذه الخطوات:



قائمة تطبيقات Uconnect 4

- تشغيل قرص DVD/قرص Blu-ray باستخدام شاشة اللمس بالراديو ٣٧٤
- ملاحظات هامة بشأن نظام شاشة الفيديو الثنائية ٣٧٥
- وحدة التحكم عن بُعد في مشغل Blu-ray - إذا كانت السيارة مزودة بذلك ٣٧٦
- تشغيل سماعات الرأس ٣٧٧
- Controls (مفاتيح التحكم) ٣٧٧
- استبدال بطاريات سماعة الرأس ٣٧٧
- الضمان المحدود لعمر سماعات الرأس الاستريو ٣٧٧
- تشغيل الراديو والهواتف المحمولة ٣٨١
- تلميحات سريعة حول ميزة التعرف على الصوت بنظام UCONNECT ٣٨١
- تقديم نظام Uconnect ٣٨١
- البدء ٣٨١
- الأوامر الصوتية الأساسية ٣٨٢
- الراديو ٣٨٢
- Media (الوسائط) ٣٨٣
- Phone (الهاتف) ٣٨٣
- الرد على النص الصوتي - إذا كانت السيارة مزودة بذلك ٣٨٤
- Climate (درجات الحرارة) ٣٨٥
- الملاحة (4C NAV) - إذا كانت السيارة مزودة بذلك ٣٨٦
- ميزة Siri Eyes Free - إذا كانت السيارة مزودة بذلك ٣٨٦
- ميزة Do Not Disturb (عدم الإزعاج) ٣٨٧
- Android Auto — إذا كانت السيارة مزودة بذلك ٣٨٧
- Apple CarPlay — إذا كانت السيارة مزودة بذلك ٣٨٨
- معلومات إضافية ٣٨٩
- صيانة أقراص CD/DVD ٣٨٩

الوسائط المتعددة

- أنظمة UCONNECT ٣٢٩
- شريط قائمة السحب والإفلات ٣٢٩
- نظام CYBERSECURITY ٣٢٩
- إعدادات نظام UCONNECT ٣٣٠
- الميزات القابلة للبرمجة بواسطة العميل - إعدادات نظام Uconnect 4 ٣٣٠
- الميزات القابلة للبرمجة بواسطة العميل — إعدادات نظام Uconnect 4C/4C NAV ٣٤٩
- OFF ROAD PAGES (صفحات الطرق غير الممهدة) - إذا كانت السيارة مزودة بذلك ٣٦٧
- شريط حالة صفحات الطرق غير الممهدة ٣٦٨
- ديناميكيات السيارة ٣٦٨
- التعليق ٣٦٩
- Pitch And Roll (التأرجح والانزلاق) ٣٦٩
- المقاييس المُلحقة ٣٧٠
- نظام Selec-Terrain - إذا كانت السيارة مزودة بذلك ٣٧٠
- مفاتيح التحكم في الصوت الموجودة عجلة القيادة — إذا كانت السيارة مزودة بذلك ٣٧٠
- تشغيل الراديو ٣٧١
- وضع Media (الوسائط) ٣٧١
- التحكم في أجهزة IPOD/USB/MP3 — إذا كانت السيارة مزودة بذلك ٣٧١
- نظام الترفيه بالمقعد الخلفي (RSE) بنظام UCONNECT - إذا كانت السيارة مزودة بذلك ٣٧١
- بدء الاستخدام ٣٧١
- شاشة الفيديو الثانية ٣٧٢
- مشغل أقراص Blu-ray ٣٧٢
- تشغيل ألعاب الفيديو ٣٧٤

المكون	السوائل أو زيوت التشحيم أو قطع الغيار الأصلية
ناقل الحركة الأوتوماتيكي	استخدم فقط سائل ناقل الحركة الأوتوماتيكي Mopar ZF و 8&9 Speed ATF أو ما يعادله. حيث يمكن أن يؤثر عدم استخدام السائل الصحيح على وظيفة ناقل الحركة أو أداءه.
علبة النقل - ذات السرعة الفردية (نظام Quadra-Trac I)	نوصي باستخدام سائل ناقل الحركة الأوتوماتيكي 3353.
علبة النقل - ذات السرعة المزوجة (نظام Quadra-Trac II)	ننصح باستخدام سائل ناقل الحركة الأوتوماتيكي ATF+4 من Mopar فقط.
التروس التفاضلية للمحور (الأمامي)	ننصح باستخدام زيت تشحيم Mopar GL-5 التركيبي للتروس والمحور SAE 75W-85.
القفل التفاضلي للمحور (الخلفي) - مع القفل التفاضلي محدود الانزلاق إلكترونياً (ELSD)	ننصح باستخدام زيت تشحيم Mopar GL-5 التركيبي للمحور SAE 75W-85 المزود بالإضافة المقللة للاحتكاك.
القفل التفاضلي للمحور (الخلفي) - من دون القفل التفاضلي محدود الانزلاق إلكترونياً (ELSD)	ننصح باستخدام زيت تشحيم Mopar GL-5 التركيبي للتروس والمحور SAE 75W-85.
أسطوانة الفرامل الرئيسية	ننصح باستخدام سائل الفرامل DOT 3 من Mopar، ويجب استخدام SAE J1703. في حالة عدم توفر سائل الفرامل DOT 3، وعدم توفر سائل الفرامل SAE J1703، فيعتبر السائل DOT 4 مقبولاً. يجب استبدال سائل الفرامل DOT 4 كل 24 شهراً بغض النظر عن عدد الأميال المقطوعة.

المكون	السوائل أو زيوت التشحيم أو قطع الغيار الأصلية
سائل تبريد المحرك	ننصحك باستخدام سائل مانع التجمد/سائل التبريد Mopar تركيبة OAT (تقنية المواد العضوية المضافة) الذي يتم تغييره كل 10 سنوات أو 150000 ميل.
زيت المحرك - محرك البنزين سعة 3.6 لترات	ننصح باستخدام زيت المحرك SAE 0W-20 المعتمد من معهد البترول الأمريكي (API)، مثل Mopar أو Pennzoil أو Shell Helix أو ما يكافئه مما يطابق مواصفات معيار المواد MS-6395 أو FCA 9.55535-CR1 لشركة FCA. راجع غطاء فتحة تعبئة زيت المحرك لمعرفة درجة SAE الصحيحة.
زيت المحرك - محرك البنزين سعة 5.7 لترات	ننصح باستخدام زيت المحرك SAE 5W-20 المعتمد من معهد البترول الأمريكي (API)، مثل Mopar أو Pennzoil أو Shell Helix أو ما يكافئه مما يطابق مواصفات معيار المواد MS-6395 أو FCA 9.55535-CR1 لشركة FCA. راجع غطاء فتحة تعبئة زيت المحرك لمعرفة درجة SAE الصحيحة. يمكن استخدام زيت المحرك SAE 5W-30 المعتمد وفقاً للمعيار FCA MS-6395 أو FCA 9.55535-CR1 مثل Pennzoil أو Shell Helix عند عدم توفر زيت المحرك SAE 5W-20.
زيت المحرك - محرك الديزل سعة 3.0 لترات	نوصي باستخدام زيت المحرك التركيبي 5W-40 مثل Mopar أو Shell Rotella الذي يفي بمعيار المواد رقم MS-10902 الخاص بشركة FCA أو FCA 9.55535-D3 وتكون فئة المحرك ACEA A3/B4 أو API CJ-4/SM مطلوبة.
فلتر زيت المحرك	ننصح باستخدام فلتر زيت المحرك من Mopar.
شمعات الإشعال	ننصح باستخدام شمعات الإشعال من Mopar.
اختيار الوقود - محرك البنزين سعة 3.6 لترات	أدنى معدل أوكتان البحث (RON) هو 91
اختيار الوقود - محرك البنزين سعة 5.7 لترات	أدنى معدل أوكتان البحث (RON) هو 91 مقبولاً - معدل أوكتان البحث (RON) هو 95 موصى به
اختيار الوقود - محرك الديزل سعة 3.0 لترات	10 أوكتان أو الأعلى (أقل من 50 جزء في المليون من الكبريت)
AdBlue	سائل عادم الديزل Mopar (معتمد من معهد البترول الأمريكي (DEF) أو ما يكافئه الذي تم اعتماده من معهد البترول الأمريكي (API) مع معيار ISO 22241. قد يؤدي استخدام سوائل بخلاف المعتمدة من معهد البترول الأمريكي (API) مع معيار ISO 22241 إلى تلف نظام النظام.

Metric (النظام المترى)	النظام الأمريكي	الوقود (بالتقريب)
		جميع المحركات
93.1 لترات	24.6 جالون	خزان سائل AdBlue
30.3 لترًا	8 جالونات	زيت المحرك مع الفلتر
5.6 لترات	6 كوارت	المحرك سعة 3.6 لترات (SAE 0W-20، المعتمد من قبل معهد البترول الأمريكي (API))
6.6 لترات	7 كوارت	المحرك سعة 5.7 لترات (المعتمد من قبل SAE 5W-20، معهد البترول الأمريكي (API))
7.7 لترات	8 كوارت	محرك ديزل سعة 3.0 لترات (SAE 5W-40 تركيبي، أو ACEA A3/B4 أو API CJ-4/SM)
		نظام التبريد *
9.9 لترات	10.4 كوارت	محرك 3.6 لترات (تركيبة سائل تبريد المحرك/مانع التجمد من Mopar المغطى بضمان لمدة 10 سنوات/ 150000 ميل)
14.6 لترًا	15.4 كوارت	محرك سعة 5.7 لترات (تركيبة سائل التبريد/مانع التجمد/سائل التبريد من Mopar المغطى بضمان 10 سنوات أو 150000 ميل) – بدون حزمة سحب المقطورة
15.2 لترًا	16 كوارت	محرك سعة 5.7 لترات (تركيبة سائل التبريد/مانع تجمد المحرك من Mopar المغطى بضمان لمدة 10 سنوات/150000 ميل) – مع حزمة سحب المقطورة
11.4 لترًا	12 كوارت	محرك 3.0 لترات (تركيبة سائل تبريد المحرك/مانع التجمد من Mopar المغطى بضمان لمدة 10 سنوات/150000 ميل)
* تتضمن زجاجة فصل الهواء / الاسترجاع لسائل التبريد وجهاز التدفئة، والتي تملأ حتى مستوى علامة MAX (الحد الأقصى).		

مواصفات السيارة

المحرك	3.6 لترات	5.7 لترات	3.0 لترات ديزل
الطاقة	148 كيلووات عند 5100 دورة في الدقيقة	240 كيلووات عند 5000 دورة في الدقيقة	استشر مسؤول المبيعات
العزم	315 نيوتن متر عند 3900 دورة في الدقيقة	500 نيوتن متر عند 4000 دورة في الدقيقة	استشر مسؤول المبيعات
أقصى سرعة للسيارة	استشر مسؤول المبيعات	استشر مسؤول المبيعات	استشر مسؤول المبيعات

ملاحظة:

يصدر تنبيه صوتي في حالة تجاوز سرعة السيارة 120 كم/ساعة (75 ميلا/ساعة). وسيستمر التنبيه الصوتي حتى تنخفض سرعة السيارة إلى أقل من 120 كم/ساعة (75 ميلا/ساعة).

- 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)
التعديلات التي تسمح للمحرك بالعمل مستخدمًا الغاز الطبيعي المضغوط (CNG) أو البروبان السائل (LP) قد تؤدي إلى تلف المحرك ومكونات نظام الانبعاثات والوقود. لا تتحمل الجهة المُصنِّعة المشكلات الناتجة عن تشغيل الغاز الطبيعي المضغوط (CNG) أو البروبان السائل (LP) وقد لا يشملها ضمان السيارة الجديدة المحدود وقد تبطله.

مادة MMT في البنزين

إن مادة MMT هي مادية إضافية معدنية تحتوي على المنجنيز يتم خلطها في بعض أنواع الوقود لزيادة رقم الأوكتان. لا يوفر البنزين الذي يتم خلطه بمادة MMT أي ميزة عن البنزين الذي له نفس رقم الأوكتان من دون مادة MMT. يقلل البنزين الذي يتم خلطه بمادة MMT من عمر شمعات الإشعال ويقلل أداء نظام الانبعاثات في بعض السيارات. تُوصي الجهة المصنِّعة باستخدام البنزين من دون 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.

تحذيرات أول أكسيد الكربون

تحذير!

يعتبر غاز أول أكسيد الكربون (CO) الموجود في غازات العادم مميئًا. اتبع الاحتياطات الواردة أدناه لمنع التسمم بأول أكسيد الكربون:

- لا تقم باستنشاق غازات العادم. فهي تحتوي على أول أكسيد الكربون وهو غاز ليس له لون أو رائحة يتسبب في حدوث الوفاة. لا تقم على الإطلاق بتشغيل المحرك في منطقة مغلقة مثل المرآب، ولا تجلس مطلقًا 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.

متطلبات الوقود - محرك الديزل

استخدم وقود الديزل عالي الجودة من مورد حسن السمعة. إذا كانت درجة الحرارة الخارجية منخفضة للغاية، فإن سمسك وقود الديزل يتخثر نتيجة لتكون البارافين والذي ينتج

عنه تلف نظام إمداد الوقود. لتجنب هذه المشاكل يتم توزيع أنواع مختلفة من الوقود وفقًا للموسم: نوع لفصل الصيف، ونوع لفصل الشتاء، ونوع للطقس شديد البرودة (المناطق الجبلية/الباردة). يجب أن تستخدم هذه السيارة وقود الديزل الممتاز الذي يوافق متطلبات EN 590. يمكن استخدام مزيج الديزل الحيوي التي تصل إلى 7% والتي تفي بمعايير EN 590.

تحذير!

لا تستخدم الكحول أو البنزين كعامل لمزج الوقود. فقد يكون غير ثابت في ظروف معينة وخطير أو قابل للانفجار عند خلطه مع وقود الديزل.

نادرًا ما يباع وقود الديزل خاليًا تمامًا من الماء. لمنع حدوث مشكلات في نظام الوقود، قم بتصريف المياه المتجمعة من فاصل الوقود/المياه باستخدام تصريف فاصل الوقود/المياه المزود في مبيت فلتر الوقود. إذا كنت تشتري نوع وقود جيد وتتبع نصيحة الماء البارد أعلاه، يمكن ألا تحتاج إلى مكيفات الوقود في السيارة. إذا كان ذلك متوفرًا في منطقتك، فيمكن أن يوفر الوقود برقم أوكتان أعلى "ممتاز" تشغيلًا باردًا محسنًا وأداءً أفضل.

تنبيه!

إذا ظل "ضوء مؤشر وجود ماء في الوقود" قيد التشغيل، فلا تبدأ تشغيل المحرك قبل تصريف الماء من فلاتر الوقود لتجنب تلف المحرك. راجع "تصريف فلتر فاصل الوقود / المياه" في "الخدمة والصيانة" للحصول على مزيد من المعلومات.

المستمرة في سرعات المحرك العالية تؤدي إلى حدوث أضرار بالمحرك ويجب حينئذ صيانة المحرك على الفور. 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.

بالإضافة إلى استخدام البنزين الخالي من الرصاص ذي رقم أوكتان مناسب يُوصى باستخدام البنزين الذي يحتوي على عناصر منظفة وعناصر إضافية مقاومة للتآكل وتوفر الاستقرار. إن استخدام البنزين الذي يحتوي على هذه العناصر الإضافية يساعد على ترشيد استهلاك الوقود وانبعاث الغازات ويحافظ على أداء السيارة.

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.

الميثانول

(الميثيل أو كحول الميثيل) يستخدم في تركيبات 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 MTBE هي مادة مؤكسدة مصنوعة من الميثانول، إلا أنها ليس لها الآثار السلبية للميثانول.

تحذير!

لا تستخدم أنواع البنزين التي تحتوي على الميثانول. قد يؤدي استخدام هذه المركبات إلى مشاكل في بدء التشغيل والقيادة وقد يؤدي إلى تلف مكونات حساسة في نظام الوقود.

الإيثانول

تُوصى 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 المُصنِّعة.

تنبيه!

قد يؤدي استخدام وقود ذي محتوى إيثانول أعلى من 15% إلى حدوث خلل بالمحرك وصعوبات عند 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 المعدل". 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 استخدام البنزين الخالي من الرصاص ذي رقم أوكتان مناسب يُوصى باستخدام البنزين الذي يحتوي على عناصر منظفة وعناصر إضافية مقاومة للتآكل وتوفر الاستقرار. إن استخدام البنزين الذي يحتوي على هذه الإضافات يساعد على ترشيد استهلاك الوقود والانبعاثات ويحافظ على أداء السيارة الممتاز.

يجب تفادي الاستخدام العشوائي لمواد تنظيف نظام الوقود. فإن عددًا كبيرًا من هذه المواد التي يكون الغرض منها إزالة التلصق أو المواد الملصقة قد يحتوي على مواد مذيبة فعالة أو مركبات مشابهة لها. تسبب أضرارًا للحشيات المانعة للتسرب والأغشية بنظام الوقود.

لا تستخدم الوقود E-85 مع السيارات التي لا تدعم

الوقود المُحسَّن

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.

لا تعتبر فرقة الإشعال الخفيفة تحت سرعة محرك منخفضة ضارة لمحرك سيارتك. إلا أن الفرقة العالية المستمرة في سرعات المحرك العالية تؤدي إلى حدوث أضرار بالمحرك ويجب حينئذ صيانة المحرك على الفور.

بالإضافة إلى استخدام البنزين الخالي من الرصاص ذي رقم أوكتان مناسب يُوصى باستخدام البنزين الذي يحتوي على عناصر منظفة وعناصر إضافية مقاومة للتآكل وتوفر الاستقرار. إن استخدام البنزين الذي يحتوي على هذه العناصر الإضافية يساعد على ترشيد استهلاك الوقود وانبعث الغازات ويحافظ على أداء السيارة.

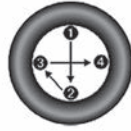
قد تؤدي النوعيات الرديئة من البنزين إلى مشاكل مثل صعوبة بدء التشغيل والتوقف المفاجئ والتشغيل المتقطع للمحرك. إذا لاحظت مثل هذه المشكلات، فجرب نوعاً آخر من البنزين قبل التفكير في إصلاح السيارة.

محرك بسعة 5.7 لترات

لا تستخدم وقود E-85 المحسن أو الوقود الذي يشتمل على خليط الإيثانول بنسبة أكبر من 15% في هذا المحرك.

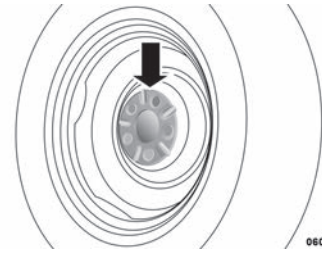
تم تصميم هذه المحركات بحيث تراعي جميع القوانين المتعلقة بانبعثات الغازات وبحيث توفر ترشيحاً مرضياً لاستهلاك الوقود وأداءً مرضياً عند استخدام بنزين ذي جودة عالية خالي من الرصاص مع أدنى رقم أوكتان البحث (RON) وهو 91 إلى 95. يُوصى الجهة المُصنِّعة باستخدام رقم أوكتان البحث 95 للحصول على أفضل أداء.

لا تعتبر فرقة الإشعال الخفيفة تحت سرعة محرك منخفضة ضارة لمحرك سيارتك. إلا أن الفرقة العالية



أنماط العزم

0605006372



0606097260US

سطح تركيب العجلة

تحذير!

لتجنب مخاطر انزلاق السيارة عن الرافعة، لا تحكم ربط مسامير/صواميل العجلات تماماً حتى تخفض السيارة عن الرافعة. ويترتب على عدم اتباع هذا التحذير التعرض لإصابة شخصية.

متطلبات الوقود - محرك البنزين

محرك بسعة 3.6 لترات

لا تستخدم وقود E-85 المحسن أو الوقود الذي يشتمل على خليط الإيثانول بنسبة أكبر من 15% في هذا المحرك.

تم تصميم هذه المحركات بحيث تراعي جميع القوانين المتعلقة بانبعثات الغازات وبحيث توفر ترشيحاً مستهلك الوقود وأداءً ممتازاً عند استعمال بنزين ذي جودة عالية خالي من الرصاص مع أدنى رقم أوكتان البحث (RON)

وهو 91

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:

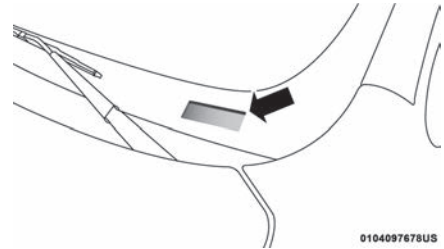
إذا لم تكن متأكدًا من إحكام ربط الصواميل بشكل صحيح، فيمكنك فحصها باستخدام مفتاح ربط ذي قوة عزم مناسبة والمتوفر لدى الوكيل المعتمد لديك أو محطة الصيانة.

بعد مرور 40 كم (25 ميلاً)، افحص عزم صواميل/مسامير العجلات للتأكد من أن جميع صواميل/مسامير العجلات مثبتة بشكل صحيح في العجلات.

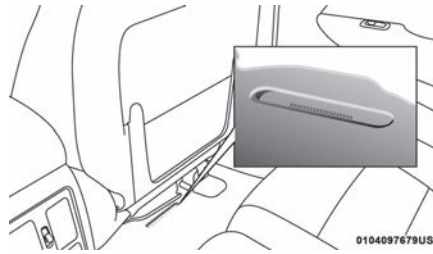
بيانات التعريف

رقم تعريف السيارة

يوجد رقم تعريف السيارة (VIN) على ملصق موجود بالزاوية الأمامية اليسرى من لوحة أجهزة القياس ويمكن رؤيته من خارج السيارة عبر الزجاج الأمامي. وهذا الرقم محفور أيضًا على أرضية الجانب الأيمن الأمامي، خلف المقعد الأمامي الأيمن. حرّك المقعد الأيمن للأمام للسماح برؤية رقم تعريف السيارة (VIN) المحفور بصورة أفضل. كما يظهر هذا الرقم على ملصق بيانات السيارة الموجود على نافذة السيارة. حافظ على هذا الملصق باعتباره سجلًا يسهل الوصول إليه للحصول على معلومات حول رقم تعريف سيارتك والمعدات الاختيارية.



موقع ملصق رقم تعريف السيارة (VIN) على الزجاج الأمامي



موقع رقم تعريف السيارة (VIN) على الهيكل الأمامي الأيمن

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 النظامين الهيدروليكيين 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 حالة فقدان المساعدة الكهربائية لأي سبب (مثل الاستعمال المتكرر للفرامل عند إيقاف تشغيل المحرك) ستستمر الفرامل في أداء عملها. 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 حالة فك إحدى العجلات وإعادة تركيبها في السيارة، يجب ربط صواميل/مسامير العجلة باستخدام مفتاح عزم تمت معايرته بشكل صحيح باستخدام مقيس حائط عميق ذي ست جوانب (سداسي) يمتاز بالجودة العالية.

مواصفات العزم

عزم ربط صامولة/مسمار العجلة	**حجم صامولة/مسمار العجلة	حجم مقبس صامولة/مسمار العجلة
176 نيوتن·متر (130 قدم·رطل)	M14 × 1.50	22 مم

**لا تستخدم سوى مسامير/صواميل العجلات المُوصى بها من الوكيل المتمد وقم بتنظيف أو إزالة أي أساخ أو زيت بها قبل إحكام الربط.

افحص سطح تركيب العجلة قبل تركيب الإطار وقم بإزالة أي تآكل أو أجزاء مقطوعة.

المواصفات الفنية

- بيانات التعريف ٣١٨..
- رقم تعريف السيارة ٣١٨..
- نظام الفرامل ٣١٨..
- مواصفات عزم العجلة والإطار ٣١٨..
- مواصفات العزم ٣١٨..
- متطلبات الوقود - محرك البنزين ٣١٩..
- محرك بسعة 3.6 لترات ٣١٩..
- محرك بسعة 5.7 لترات ٣١٩..
- الميثانول ٣٢٠..
- الإيثانول ٣٢٠..
- البنزين المعدل ٣٢٠..
- المواد المضافة إلى الوقود ٣٢٠..
- لا تستخدم الوقود E-85 مع السيارات التي لا تدعم الوقود المُحسّن ٣٢٠..
- تعديلات نظام الوقود للغاز الطبيعي المضغوط (CNG) والبروبان السائل (LP) ٣٢١..
- مادة MMT في البنزين ٣٢١..
- تحذيرات أول أكسيد الكربون ٣٢١..
- متطلبات الوقود - محرك الديزل ٣٢١..
- مواصفات السيارة ٣٢٢..
- ساعات السوائل ٣٢٣..
- السوائل وزيوت التشحيم ٣٢٤..
- المحرك ٣٢٤..
- الشاسيه ٣٢٥..

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 أن شركة FCA تُوصي بوضع منظف الجلود للرعاية الكاملة من Mopar على قطعة قماش لتنظيف المقاعد الجلدية عند الحاجة.

تنبيه!

لا تستخدم الكحول ومنتجات التنظيف ذات القاعدة الكحولية و/أو ذات القاعدة الكيتونية لتنظيف الفرش الجلدي، حيث قد يؤدي ذلك إلى تلك 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 مطلقاً منظف من نوع خشن. انتبه عند تنظيف الجزء الداخلي من النافذة الخلفية المزودة بمزيلات صقيع النوافذ أو هوائيات الراديو. لا تستخدم مكاشط أو أية أدوات حادة مما قد يخدش المكونات.

عند تنظيف مرآة الرؤية الخلفية، قم برش المنظف على المنشفة أو قطعة القماش التي تستخدمها في التنظيف. لا ترش المنظف مباشرة على المرآة.

الداخلية

المقاعد والأجزاء القماشية

استخدم منظف Total Clean 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 ضيقاً في التنفس.

صيانة أحزمة الأمان

لا تبيض أو تصبغ أو تنظف الأحزمة باستخدام مذيبات أو منظفات كاشطة. حيث إن ذلك يؤدي إلى تلف أنسجة الأحزمة. قد يؤدي التلف الشمسي أيضًا إلى إضعاف الأنسجة.

وإذا تطلب الأمر تنظيف الأحزمة، فاستخدم محلول صابون لطيف 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 الحزام البالي أو الممزق عند التصادم وتصبح من دون حماية. افحص نظام الأحزمة بصورة دورية للتأكد من عدم وجود أجزاء مقطوعة أو ممزقة أو بالية.

(تابع)

تحذير! (تابع)

ويجب استبدال الأجزاء التالفة فورًا. لا تحاول فك النظام أو إدخال التعديلات عليه. ويجب استبدال مجموعات الحزام الخلفية التالفة بعد وقوع أي تصادم (مثل التواء الماسك، تمزق النسيج أو غير ذلك).

الأجزاء البلاستيكية والمغطاة

استخدم منظف Total Clean 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 مجموعة أجهزة القياس الموجودة في هذه السيارة من البلاستيك الشفاف. عند تنظيف العدسات، يجب التعامل بحرص لتجنب خدش البلاستيك.

1. قم بالتنظيف باستخدام قطعة قماش ناعمة مبللة. يمكن استخدام محلول صابون لطيف، لكن لا تستخدم محتوى

يتضمن تركيز عالي من الكحول، أو المنظفات شديدة التركيز. في حالة استخدام الصابون، قم بالتنظيف باستخدام قطعة قماش نظيفة مبللة.

2. قم بالتجفيف بقطعة قماش ناعمة.

الأجزاء الجلدية

يوصى باستخدام منظف Total Clean من Mopar والمعد 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 Total Clean من Mopar. ينبغي الحرص على تجنب تعرض فرش التنجيد المصنوع من الجلد لأي سائل لفترة طويلة. ويُرجى 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. لا يلزم استخدام مكيف للجلد، وذلك للحفاظ على الشكل الأصلي للفرش.

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 وهيكلاها

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، اغسلها بمحلول صابون لطيف ثم اشطفها بالماء.

لا تستخدم مكونات تنظيف كاشطة أو مذيبيات أو صوف الفولاذ أو أي مواد كاشطة لتنظيف العدسات.

المحافظة على هيكل السيارة

غسل السيارة

• اغسل السيارة بانتظام. احرص دومًا على غسل السيارة في الظل باستخدام سائل غسيل سيارات من Mopar وصابون غسيل معتدل للسيارات، واشطف اللوحات تمامًا بماء نظيف.

• إذا تجمعت الحشرات أو المخلفات المشابهة الأخرى على السيارة، فاستخدم مزيل الحشرات Super Kleen Bug من Mopar ومزيل القطران لإزالتها.

• استخدم مزيل الشمع عالي الجودة مثل مزيل شمع Mopar لإزالة أتربة الطريق والبقع ولحماية طلاء سيارتك. احرص ألا تخدش الطلاء.

• تجنب استخدام المركبات الخشنة التي قد تنقل 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 الغازات الكهربائية التي تتجاوز 8274 كيلو باسكال (1200 رطل لكل 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. يتحمل المالك تكلفة إجراء هذه الإصلاحات.

• إذا تعرضت للتلف نتيجة لوقوع حادث أو أمر شبيه بذلك مما أدى إلى تدمير الطلاء أو الطبقة الواقية، فقم بإصلاح السيارة بأسرع ما يمكن. يتحمل المالك تكلفة إجراء هذه الإصلاحات.

• إذا كانت السيارة تحمل شحنة خاصة مثل المواد الكيميائية أو المخصبات أو الملح المقاوم للتلوج، إنخ، فتأكد من تعبئة تلك المواد جيدًا وعدم تسربها.

• في حالة قيادة السيارة لفترة طويلة على طرق مليئة بالحصى، قم بوضع واقيات ضد الأحجار أو الطين خلف كل عجلة.

• استخدم طلاء Touch Up Paint من Mopar لعلاج الخدوش في أقرب فرصة ممكنة. يتوفر لدى وكيلك المعتمد ألوان طلاء تتوافق مع لون سيارتك.

تنبيه! (تابع)

- قم بتريكب الجهاز بأقصى إحكام ممكن ثم أحكم ربطها مجددًا بعد قيادة السيارة لمسافة نصف ميل (0.8 كم) تقريبًا.
- لا تتجاوز سرعة 30 ميلا/الساعة (48 كم/ساعة).
- كن حذرًا عند القيادة وتجنب الانعطاف الشديد والحفر الكبيرة خاصة عند تحميل السيارة.
- لا تقم بقيادة السيارة لفترة طويلة على طريق جاف.
- لا بد من مراعاة تعليمات الجهة المصنعة لجهاز الجر لمعرفة طريقة التركيب والسرعة المحددة وظروف الاستخدام. استخدم دائمًا سرعة التشغيل التي تقترحها الجهة المصنعة للجهاز إذا كانت أقل من 48 كم/ساعة (30 ميلا/الساعة).
- لا تستخدم أجهزة الجر مع إطار احتياطي صغير.

توصيات بشأن 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.

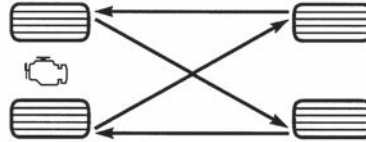
ويمكن تقليل تلك المؤثرات بتغيير مواقع الإطارات بين فترة وأخرى. وتعتبر فوائد تغيير مواقع الإطارات ملموسة خاصة في الإطارات ذات أشكال المداسات العميقة كتلك التي تستعمل في الإطارات الخاصة بكل الفصول التي تستعمل على الطرق العادية والطرق غير الممهدة. تغيير مواقع الإطارات يزيد من عمر مداسات الإطار ويساعدها في توفير سحب عالٍ في الطين والتلج والمطر ويساهم في توفير قيادة مريحة وهادئة.

راجع "كتيب الخدمة والضمان" للتعرف على 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 بشكل أوتوماتيكي 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

تخزين السيارة

إذا كنت تقوم بتخزين السيارة لأكثر من 21 يومًا، فإننا ننصح باتخاذ الخطوات التالية لتقليل تصريف بطارية السيارة:

- فصل الكابل السالب عن البطارية.

- في أي وقت تقوم فيه بإيقاف السيارة أو تتوقف فيه عن استخدامها (أثناء عطلة مثلاً) لأسبوعين أو أكثر قم بتشغيل نظام مكيف الهواء أثناء تباطؤ المحرك لمدة 5 دقائق تقريبًا في وضع الهواء النقي وعلى سرعة المروحة القصوى. إن القيام بذلك سيضمن تزيينًا مناسبًا للنظام لتقليل إمكانية تلف الضاغط 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 آكلة 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 نقشها بالسيارة.

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 فرش 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 غسيل السيارات أو منظف العجلات من Mopar أو بدائلها فقط.

عند تنظيف العجلات المتسخة تمامًا من الغبار الزائد والمتجمع حول الفرامل، يجب توخي الحذر في اختيار المواد الكيميائية والتجهيزات المستخدمة في تنظيف الإطارات والعجلات لمنع إتلاف العجلات. يوصى باستعمال مركبات معالجة العجلات من Mopar أو منظفات الكروم من Mopar أو بدائلها، أو يمكن اختيار منظف غير كاشط وغير حمضي لتنظيف العجلات المصنوعة من الكروم أو الألومنيوم.

تنبيه!

لا تستخدم إسفجة التنظيف أو صوف الفولاذ أو الفرشاة ذات الشعيرات أو مواد التلميع المعدنية أو منظف الأفران. فقد تتسبب هذه المنتجات في تلف الطلاء الواقي

(تابع)

تنبيه! (تابع)

للعجلة. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف. يوصى باستعمال صابون غسيل السيارات أو منظف العجلات من Mopar أو بدائلها 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 الدوارة للفرامل ومنع اهتزاز السيارة عند الفرملة.

عجلات الكروم البخاري الداكن أو الكروم الأسود اللامع أو الطلاء الشفاف منخفض اللعان

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.

سلاسل الإطارات (أجهزة السحب)

يتطلب استخدام أجهزة السحب خلوصًا كافيًا من الإطار إلى الهيكل. اتبع هذه التوصيات لتجنب حدوث التلف.

• يجب أن يتناسب حجم جهاز الجر مع حجم الإطار كما أوصت الجهة المصنعة لجهاز السحب.

• قم بالتكريب على الإطارات الخلفية فقط

• نظرًا للخلوص المحدود، استخدم سلاسل الثلج صغيرة الحجم أو أجهزة الجر مع بروز يبلغ 12 ملم كحد أقصى خلف حجم الإطار في الإطارات 265/60R18 و265/50R20.

تحذير!

قد يؤدي استخدام كابلات من حجم أو نوع مختلف (M+S أو Snow) بين المحور الأمامي والمحور الخلفي إلى حدوث إجراء غير متوقع. من الممكن أن تفقد السيطرة على السيارة مما يعرضك لوقوع تصادم.

تنبيه!

لتفادي حدوث أضرار لسيارتك أو إطاراتها يجب مراعاة الاحتياطات التالية:

- نظرًا للخلوص المحدود لجهاز الجر بين الإطارات وأجزاء التعليق الأخرى، من الضروري استخدام أجهزة جر جيدة فقط. فالأجهزة التالفة يمكن أن تؤدي إلى إلحاق أضرار جسيمة بالسيارة. أوقف السيارة فورًا إذا سمعت صوتًا يشير إلى انقطاع جهاز الجر. وتخلص من الأجزاء التالفة من جهاز الجر قبل استخدامه مرة ثانية.

(تابع)

تحذير! (تابع)

هذا الإطار، لا تقذ السيارة بسرعة تتجاوز السرعات المقررة للعجلات الاحتياطية محدودة الاستخدام. احتفظ بنفخ الإطار على مستوى ضغط انتفاخ الإطار البارد المذكور على ملصق معلومات الإطار والتحميل على العمود الفاصل بين النوافذ B جهة السائق أو على الحافة الخلفية لباب السائق. استبدل (أو أصلح) الإطار الأصلي في أول فرصة وأعد تركيبه في السيارة. يؤدي عدم القيام بذلك إلى فقدان التحكم في السيارة.

العناية بالعجلات وأغطيتها المركزية

ينبغي تنظيف جميع العجلات وأغطيتها المركزية، وبخاصة العجلات المطلوبة 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 دائماً 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 وصابوناً متعادلاً للتنظيف الفوري. لا تستخدم مواد كيميائية مركزة أو فرشاة صلبة. فقد تسبب في إتلاف

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 بلي المداسات والوصول إلى مؤشرات بلي المداسات، يجب استبدال الإطار الاحتياطي المؤقت ذو الحجم الكامل. 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

يستخدم الإطار الاحتياطي محدود الاستخدام في حالات الطوارئ بصفة مؤقتة فقط. ويم 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 قد 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

(تابع)

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 الكهربائية قبل خفض السيارة.

ولا تتركب غلافًا للعجلة أو إطارًا أصليًا على عجلة الإطار الاحتياطي القابل للطي وذلك لأن العجلة مصممة خصيصًا للإطار الاحتياطي القابل للطي.

تحذير!

حيث قد تم تصميم الإطارات الاحتياطية الصغيرة والقابلة للطي للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. وعند تركيب هذه الإطارات الاحتياطية لا تقذ السيارة بسرعة تزيد عن 80 كم/الساعة (50 ميلًا/الساعة). 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 التحكم في السيارة.

الإطار الاحتياطي ذو الحجم الكامل — إذا كانت السيارة مزودة بذلك

تم تصميم الإطار الاحتياطي ذو الحجم الكامل للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. قد يبدو هذا الإطار

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 تقدر السيارة بسرعة تزيد عن 80 كم/الساعة (50 ميلا/الساعة). إن الإطارات الاحتياطية المؤقتة لها عمر مداسات محدود. عند بلي المداسات والوصول إلى مؤشرات بلي المداسات، يجب استبدال الإطارات الاحتياطية المخصص للاستخدام المؤقت. احرص على مراعاة التحذيرات التي تنطبق على الإطارات الاحتياطية. وإن عدم القيام بذلك يمكن أن يؤدي إلى عطل الإطارات الاحتياطية وفقدان التحكم في السيارة.

الإطارات الاحتياطية القابل للطي - إذا كانت السيارة مزودة بذلك

تم تصميم الإطارات الاحتياطية القابل للطي للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. يمكنك معرفة ما إذا كانت السيارة مزودة بإطار احتياطي قابل للطي بالنظر إلى وصف الإطارات الاحتياطية الموجود بملصق معلومات الإطارات والتحميل الموجود بفتحة باب السائق أو الجدار الجانبي للإطار.

مثال لوصف الإطارات الاحتياطية القابل للطي:
165/80-17 101P

الإطار الاحتياطي يطابق الإطارات الأصلية من حيث الإطار والعجلة — إذا كانت السيارة مزودة 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 وكبل الإطارات المعتمد للتعرف على نمط تغيير مواقع الإطارات الموصى به.

الإطار الاحتياطي الصغير — إذا كانت السيارة مزودة بذلك

تم تصميم الإطار الاحتياطي الصغير للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. يمكنك معرفة ما إذا كانت السيارة مزودة بإطار احتياطي صغير بالنظر إلى وصف الإطار الاحتياطي الموجود بملصق معلومات الإطارات والتحميل الموجود بفتحة باب السائق أو الجدار الجانبي للإطار. حيث تبدأ مواصفات الإطار الاحتياطي الصغير بحرف "T" أو "S" يسبق علامة الحجم. مثال:
T145/80D18 103M

S, T = إطار احتياطي مؤقت

وحيث إن العمر المتوقع لهذا الإطار قصير، يجب تصليح (أو تبديل) الإطار الأصلي وإعادة تركيبه بالسيارة في أقرب وقت ممكن.

ولا تركيب غلافًا للعجلة أو إطارًا أصليًا على عجلة الإطار الاحتياطي الصغير وذلك لأن العجلة مصممة خصيصًا للإطار الاحتياطي الصغير. لا تقم بتركيب أكثر من إطار

على الرغم من أن الإطارات المزودة بمسامير تحسن من الأداء على التلج 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 استخدام هذه الإطارات.

الإطارات الاحتياطية - إذا كانت السيارة مزودة 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 للتلوث الأرضي المنخفض، لا تمر بالسيارة من خلال مغسلة سيارات أوتوماتيكية أثناء تركيب الإطارات الاحتياطية المؤقت الصغير أو المحدود الاستخدام. فقد تتعرض السيارة للتلوث.

راجع "متطلبات السحب - الإطارات" في "البدا والتشغيل" للاطلاع على القيود عند السحب باستخدام الإطارات الاحتياطية المخصص للاستخدام المؤقت في حالات الطوارئ.

أنواع الإطارات

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 "الجبيل/الرقاقة الثلجية" على الجدار الجانبي للإطار.

إذا دعت الحاجة إلى استخدام إطارات الجليد، 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 الجليد معدلات سرعة أقل من تلك الخاصة بالإطارات الأصلية ولا يجب استخدامها بشكل مستمر على سرعات أكبر من 75 ميلا/الساعة (120 كم/ساعة). بالنسبة للسرعات أعلى من 75 ميلا/الساعة (120 كم/ساعة)، راجع المعدات الأصلية أو وكيل إطارات معتمد للتعرف على سرعات التشغيل الآمنة الموصى بها والتحميل ومستويات نفخ الإطارات الباردة.

تحذير!

• لا تستخدم إطارًا أو حجمًا للعجلة أو معدلًا للحمل أو معدلًا للسرعة غير المحدد لسيارتك. فقد يؤدي استخدام أنواع 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 وتسيط جهد على أجزاء عجلة القيادة والتعليق. ومن الممكن أن تفقد السيطرة على السيارة وأن تتعرض لحادث يؤدي إلى إصابة بالغة أو الوفاة. استعمل فقط الإطارات والعجلات بالأحجام ومعدلات التحميل التي يوافق على استخدامها 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 لوقوع تصادم. إن عدم تزويد السيارة بإطارات ذات قدرة متناسبة مع السرعة يمكن أن يؤدي إلى تمزق مفاجئ للإطار وفقدان التحكم في السيارة.

تنبيه!

استبدال الإطارات الأصلية بإطارات ذات أحجام مختلفة قد يسبب قراءة خاطئة لعداد السرعة وعداد المسافة.

إطارات جميع الفصول - إذا كانت السيارة مزودة بذلك
توفر إطارات جميع الفصول الجر في جميع الفصول (الربيع والصيف والخريف والشتاء). قد تتوفر 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.

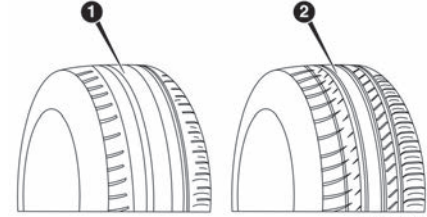
إطارات الصيف أو الفصول الثلاثة — إذا كانت السيارة مزودة بذلك

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.

مؤشرات تلف المداسات

إن هذه المؤشرات موضوعة في الإطارات الأصلية في السيارة لمساعدتك في تحديد الوقت الذي يجب استبدال الإطارات فيه.



0806104855NA

مداس الإطارات

1— إطارات بال

2— إطارات جديدة

هذه المؤشرات محفورة في أسفل حوز المدايسات. وستظهر في شكل أشرطة عندما يصل عمق المدايس إلى 1.6 مم (1/16 بوصة). عند بلي المدايسات والوصول إلى مؤشرات بلي المدايسات، يجب استبدال الإطارات.

راجع "استبدال الإطارات" في هذا القسم للحصول على مزيد من المعلومات.

عمر الإطارات

يعتمد عمر خدمة الإطارات على عوامل متنوعة ويشمل ذلك على سبيل المثال لا الحصر:

- أسلوب القيادة.
- ضغط هواء الإطارات - يمكن أن يؤدي ضغط الانتفاخ البارد غير المناسبة إلى تلف غير متساو في مدايسات الإطارات. مما يؤدي إلى تقليل عمر الإطارات والحاجة إلى تبديله في وقت مبكر.
- مسافة القيادة.
- إطارات الأداء، الإطارات ذات تقييم السرعة الأعلى V أو أعلى، وإطارات الصيف، لها عمر مدايسات محدود بصورة نموذجية. يُوصى بشدة بتدوير هذه الإطارات حسب ما هو موضح في كتيب الضمان والصيانة للسيارة.

تحذير!

يجب استبدال الإطارات والإطارات الاحتياطية بعد ستة أعوام، بغض النظر عن عمر المدايسات. ويؤدي عدم اتباع هذا التحذير إلى حدوث عطل مفاجئ بالإطارات. ومن الممكن أن تفقد السيطرة على السيارة وأن تتعرض لحادث يؤدي إلى إصابة بالغة 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 التعرض للضوء. قم بحماية الإطارات من الاتصال مع الزيت والشحم والبنزين.

استبدال الإطارات

توفر الإطارات المزودة بها سيارتك الجديدة موازنة ذات مميزات عديدة. ويجب فحصها في فترات منتظمة بحثًا عن تلف بها وتصحيح ضغط انتفاخ الإطارات الباردة. وتوصي الجهة المُصنِّعة بشدة باستخدام إطارات ذات جودة وأداء مشابهين للإطارات الأصلية عندما يلزم استبدالها. راجع الفقرة في "مؤشرات تلف المدايسات" في هذا القسم. راجع لوحة "معلومات الإطارات والتحميل" أو "ملصق شهادة توثيق السيارة" للتعرف على الحجم المحدد للإطارات. يوجد صنف التحميل ورمز السرعة للإطارات على جدار الإطارات الأصلي.

يُوصى باستبدال الإطارات 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.

تشغيل الإطار المفرغ من الهواء – إذا كانت السيارة مزودة بذلك

دوران الإطار السريع
لا تتم بتدوير عجلات السيارة بسرعة أعلى من 30 ميلا/الساعة (48 كم/ساعة) أو لمدة أطول من 30 ثانية بشكل مستمر دون توقف إذا كانت السيارة عالقة في الطين أو الزمل أو الجليد.

راجع "إخراج سيارة عالقة" في قسم "في حالات الطوارئ" للحصول على مزيد من المعلومات.

تحذير!

إدارة الإطارات بسرعة يمكن أن يشكل خطرًا كبيرًا. حيث يمكن أن تؤدي القوة الناجمة عن السرعات العالية للعجلات إلى إتلاف المحور والإطارات أو حدوث خلل. وقد ينفجر الإطار ويسبب الإصابة لشخص ما. لا تقم بتدوير عجلات السيارة بسرعة أكبر من 48 كم/ساعة (30 ميلا/ساعة) أو لأكثر من 30 ثانية متواصلة عندما تكون عالقا ولا تترك أي شخص بالقرب من العجلة عند تدويرها أيًا كانت السرعة.

ملاحظة:

يجب استبدال مجس مراقبة ضغط هواء الإطارات بعد قيادة السيارة والإطار مفرغ من الهواء.

لا يُوصى بقيادة سيارة محملة بكامل سعتها أو بسحب مقطورة أثناء التواجد في وضع التشغيل عند فراغ الهواء من الإطارات.

راجع قسم "مراقبة ضغط الإطارات" للتعرف على مزيد من المعلومات.

تحذير!

إن استخدام إطارات بطيات قطرية مع إطارات اعتيادية يؤدي إلى تقليل تجاوب سيارتك لحركة عجلة القيادة. قد يتسبب عدم الاستقرار هذا في وقوع تصادم. استخدم دائمًا الإطارات ذات الطيات القطرية في مجموعات من أربع إطارات. ولا تستخدم معها أبدًا إطارات من نوع آخر.

إصلاح الإطارات

إذا أصبح الإطار تالفًا، فقد يتم إصلاحه في حالة الوفاء بالمعايير التالية:

- لم تتم قيادة السيارة والإطار فارغ من الهواء.
- التلف موجود فقط في جزء المدااسات من الإطار (لا يمكن إصلاح التلف الحادث بالجدار الجانبي للإطار).
- الثقب لم يتجاوز ربع بوصة (6 مم).

استشر وكيل الإطارات المعتمد للتعرف على إصلاحات الإطارات والمعلومات الإضافية.

يجب استبدال الإطارات التالفة التي تم تشغيلها عند فراغها من الهواء أو الإطارات المفرغة من الهواء التي عانت من نقص الضغط فورًا بإطارات تعمل عند فراغها من الهواء من نفس الحجم ووصف الخدمة (صنف التحميل ورمز السرعة). استبدل مجس ضغط هواء الإطار لأنه غير مخصص لإعادة استخدامه.

قد يتسبب ضغط الانتفاخ البارد غير الصحيح في تلف غير عادي للأنماط وتقليل عمر مداسات الإطار، مما يؤدي إلى الحاجة إلى استبدال الإطار مبكرًا.

الراحة عند الركوب واستقرار السيارة

يساهم الانتفاخ المناسب للإطارات في توفير ركوب مريح. وتسبب زيادة الانتفاخ ارتجاجًا مفاجئًا وركوبًا غير مريح.

قيم ضغط هواء الإطارات

يتم توضيح ضغط انتفاخ الإطار البارد على العمود "ب" الفاصل بين النوافذ 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 الجببي للتحقق من الضغط. لا تعتمد على النظر عند تحديد مستوى الانتفاخ المناسب. قد تبدو الإطارات منتفخة بشكل صحيح حتى إذا كانت غير منتفخة بشكل كافٍ.
- افحص الإطارات بحثًا عن وجود دلائل على تآكل الإطار أو تلف مرئي.

تنبيه!

بعد القيام بفحص أو ضبط ضغط هواء 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 انتفاخ الإطارات المحددة في بطاقة معلومات الإطارات هي دائمًا "ضغط انتفاخ الإطار البارد". يتم تعريف ضغط انتفاخ 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 انتفاخ الإطار البارد أقصى ضغط انتفاخ 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 كيلو باسكال (1 رطلا لكل بوصة مربعة) لكل تغير في درجة الحرارة مقداره 7 درجات مئوية (12 درجة فهرنهايت). يجب عليك تذكر هذا الأمر عند القيام بفحص ضغط إطار هواء السيارة بداخل المرآب خصوصًا في فصل الشتاء.

مثال: إذا كانت درجة حرارة المرآب = 20 درجة مئوية (68 فهرنهايت) ودرجة الحرارة الخارجية = صفر مئوية (32 فهرنهايت)، فيجب زيادة ضغط انتفاخ الإطار البارد

بمقدار 21 كيلو باسكال (3 أرتال لكل بوصة مربعة) وهو ما يساوي 7 كيلو باسكال (1 رطلا لكل بوصة مربعة) لكل 7 درجات مئوية (12 درجة فهرنهايت) للتناسب مع درجة الحرارة الخارجية.

وقد يزداد ضغط الإطار من 2 إلى 6 أرتال لكل بوصة مربعة (13 إلى 40 كيلو باسكال) أثناء الاستخدام. لا تقم بتقليل هذا الزيادة الطبيعي لأن ضغط الإطار سيصبح قليلًا جدًا.

ضغط الإطار للتشغيل بسرعة عالية

تتصح 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 هواء الإطار وخفض حمولة السيارة لتشغيل السيارة بسرعات عالية. راجع وكيل الإطارات المعتمد أو وكيل المعدات الأصلية للسيارات المعتمد للتعرف على سرعات التشغيل الآمنة الموصى بها والتحميل وقيم ضغط انتفاخ الإطار البارد.

تحذير!

من الخطر قيادة سيارة محملة بأقصى حمولة بسرعة عالية. فالوزن المضاف على إطارات سيارتك يمكن أن يسبب تلفها. وقد تتعرض لحادث تصادم خطير نتيجة لذلك. لا تقم بقيادة سيارة محملة إلى أقصى سعة لها بسرعات متواصلة أعلى من 120 كم/ساعة (75 ميلًا/ساعة).

الزيت. راجع "السوائل وزيت التشحيم" ضمن "المواصفات الفنية" للحصول على مزيد من المعلومات.

إضافة السائل

أضف السائل إلى فتحة تعبئة الوقود حتى ينسكب من الفتحة عندما تكون السيارة في وضع مستو.

التصريف

قم أولاً بنزع سدادة فتحة تعبئة الوقود، ثم انزع سدادة التصريف بعد ذلك. عزم الربط الموصى به لسدادات التصريف والتعبئة هو 20 إلى 34 نيوتن متر (15 إلى 25 قدمًا/رطل).

تنبيه!

عند تركيب السدادات، لا تقم بإحكام ربطها بصورة زائدة. فقد تتسبب في تلفها وإحداث تسرب بها.

اختيار زيت التشحيم

استخدم فقط السائل الموصى باستخدامه من قبل الجهة المصنعة. راجع "السوائل وزيت التشحيم" في "المواصفات الفنية" للحصول على مزيد من المعلومات.

رفع السيارة

في حالة ما إذا كان من الضروري رفع السيارة، تفضل بزيارة وكيل معتمد أو محطة صيانة.

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:

- سلامة السيارة واستقرارها
- ترشيد الاستهلاك
- تلف المدامات
- الراحة عند الركوب

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.
- زيادة ضغط الهواء في الإطار تقلل من قابلية الإطار على تخفيف الصدمات. وقد تسبب الأشياء والحفر الموجودة في الطريق تلفًا في الإطار.

(تابع)

تحذير! (تابع)

- قد تؤثر الإطارات ذات مستويات الانتفاخ الزائدة أو المنخفضة على إمكانية التحكم في السيارة وقد تتلف فجأة مؤدية إلى فقدان التحكم في السيارة.
- عدم تساوي الضغط في الإطارات يمكن أن يسبب مشاكل في توجيه عجلة القيادة. وبالتالي قد تفقد السيطرة على السيارة.
- 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 انتفاخ الإطار البارد.

يؤثر كل من الانتفاخ المنخفض والزائد على استقرار السيارة ومن الممكن أن يولد شعورًا ببطء الاستجابة أو سرعتها.

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.

ترشيد استهلاك الوقود

يُزيد انخفاض مستوى انتفاخ الإطار من مقاومة الإطار للدوران مما يؤدي إلى زيادة في استهلاك الوقود.

المواد المضافة الخاصة

توصي الجهة المصنعة بشدة بعدم استخدام أية إضافات خاصة إلى ناقل الحركة. إن سائل ناقل الحركة الأوتوماتيكي (ATF) هو أحد المنتجات الهندسية وقد يتأثر أداؤه بشكل سلبي نتيجة لاستخدام مواد إضافية مكملية. ولذلك لا تقم بإضافة أي سائل 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 مسبقاً في المصنع ولا يتطلب ضبطاً 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. فقد يؤدي ذلك إلى تلف شديد 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 ملوثاً (بالماء، أو ما شابه) أو إذا كان ناقل الحركة مفكوك لأي سبب.

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 زيت التروس، افحص مستوى السائل. راجع "السوائل وزيت التشحيم" ضمن "المواصفات الفنية" للحصول على مزيد من المعلومات.

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 سدادات التعبئة والتصريف للمحور الأمامي بمقدار يتراوح من 30 إلى 40 نيوتن متر (22 إلى 29 قدمًا/رطل).

تنبيه!

لا تحكم تثبيت السدادات بشكل مفرط حيث قد يؤدي ذلك إلى تلفها وحدوث تسرب بها.

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 سدادات التعبئة والتصريف للمحور الخلفي بمقدار يتراوح من 30 إلى 40 نيوتن متر (22 إلى 29 قدمًا/رطل).

تنبيه!

لا تحكم تثبيت السدادات بشكل مفرط حيث قد يؤدي ذلك إلى تلفها وحدوث تسرب بها.

اختيار زيت التشحيم

استخدم فقط السائل الموصى باستخدامه من قبل الجهة المصنعة. راجع "السوائل وزيت التشحيم" ضمن "المواصفات الفنية" للحصول على مزيد من المعلومات.

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

تحذير! (تابع)

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 التلغ في بطانة الفرامل. ينبغي فحص مستوى سائل الفرامل عند تغيير بطانة الفرامل. إذا كان سائل الفرامل منخفضاً بشكل غير طبيعي، فافحص النظام بحثاً عن تسربات.

راجع "السوائل وزيت التشحيم" ضمن "المواصفات الفنية" للحصول على مزيد من المعلومات.

تحذير!

• استخدم سائل الفرامل الذي توصي به الجهة المُصنِّعة فقط. راجع "السوائل وزيت التشحيم" ضمن "المواصفات الفنية" للحصول على مزيد من المعلومات. 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 أيضاً تلف الأسطح المطلية وأسطح الفينيل، ولذا يجب توخي الحذر لتجنب ملامسته لهذه الأسطح.

(تابع)

تحذير! (تابع)

• 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

اختيار زيت التشحيم

من المهم استخدام زيت ناقل الحركة المناسب لضمان الأداء والعمر المثاليين لناقل الحركة. استخدم فقط سائل ناقل الحركة المحدد من قبل الجهة المُصنِّعة. راجع "السوائل وزيت التشحيم" ضمن "المواصفات الفنية" للتعرف على مواصفات السائل. 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 قبل الجهة المُصنِّعة، قد يؤدي إلى تدهور جودة ناقل الحركة و/أو احتكاك محول العزم. راجع "السوائل وزيت التشحيم" ضمن "المواصفات الفنية" للتعرف على مواصفات السائل.

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. في حالة قيام الأطفال أو الحيوانات الأليفة بتناوله، فاطلب المساعدة في حالات الطوارئ على الفور. نظف آثار انسكاب الزيت 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 (مانع التجمد) في الحاوية بين النطاقيين الموضحين على الحاوية.

يظل الرادياتير مملوءًا تمامًا بشكل طبيعي، وبالتالي لا توجد حاجة لفك غطاء الرادياتير/غطاء ضغط سائل التبريد إلا عند الرغبة في فحص نقطة تجمد سائل تبريد المحرك (مانع التجمد) أو استبداله سائل التبريد. عليك إفاضة مسؤول الخدمة الخاص بك بهذه المعلومات. وطالما كانت درجة حرارة تشغيل المحرك مقبولة، فلن يلزم فحص زجاجة سائل التبريد إلا مرة واحدة كل شهر.

إذا تطلب الأمر إضافة سائل تبريد محرك (مانع تجمد) للحفاظ على المستوى المناسب لسائل التبريد، فيجب إضافة سائل التبريد ذو تقنية الإضافات العضوية (OAT) والذي

يتوافق مع متطلبات معيار المواد القياسية MS.90032 لشركة FCA إلى زجاجة سائل التبريد. لا تتجاوز حد الماء.

نقاط يلزم تذكرها

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 الرادياتير وتبخرها عند فتح الترموستات، مما يسمح لسائل تبريد المحرك (مانع التجمد) الساخن بالدخول إلى الرادياتير.

إذا لم تتمكن من مشاهدة أي أثر للتسرب من الرادياتير 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 الرادياتير وفي زجاجة امتداد سائل التبريد. وإذا تطلب الأمر إضافة مزيد من سائل تبريد المحرك (مانع التجمد)، فيجب حماية محتويات زجاجة امتداد سائل التبريد أيضًا من التجمد.

• إذا تطلب الأمر إضافة سائل تبريد المحرك (مانع التجمد) بشكل متكرر، فينبغي اختبار مستوى الضغط داخل نظام التبريد للتأكد من عدم وجود أية تسربات.

• احتفظ بتركيز سائل تبريد المحرك (مانع التجمد) 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 الرادياتير. 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. في حالة استخدام تصميمات أخرى قد تؤدي إلى ضعف أداء سائل تبريد المحرك (مانع التجمد)، أو عدم إمداد السيارة بالبنزين بشكل صحيح، وتساعد الانبعاثات.

نظام الفرامل

للتأكد من مستوى أداء نظام الفرامل، ينبغي فحص جميع مكونات نظام الفرامل دوريًا. راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

تحذير!

تؤدي إراحة القدم على الفرامل إلى تلفها واحتمال وقوع حادث تصادم. حيث إن القيادة مع إراحة القدم على

(تابع)

• 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 150000 ميل (240000 كم) قبل استبداله. لمنع انخفاض مدة الصيانة الممتدة هذه، من المهم استخدام نفس سائل تبريد المحرك (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 (مانع التجمد) ذي تقنية الإضافات العضوية (OAT) والذي يتوافق مع متطلبات معيار المواد القياسية MS.90032 لشركة FCA. عند إضافة سائل تبريد المحرك (مانع التجمد):

• ننصح باستخدام تركيبة مانع التجمد/سائل تبريد من Mopar المغطى بضممان 10 سنوات/150000 ميل (240000 كم) ذي تقنية الإضافات العضوية (OAT) والتي تتوافق مع متطلبات معيار المواد القياسية MS.90032 لشركة FCA.

• امزج محلول سائل تبريد المحرك ذو تقنية الإضافات العضوية (OAT) والذي يتوافق مع متطلبات معيار المواد القياسية MS.90032 لشركة FCA بنسبة 50% مع ماء مقطر. يلزم إضافة تركيزات عالية (لا تتعدى 70%) في حالة ما إذا كانت درجة الحرارة أقل من -34 درجة فهرنهايت (-37 درجة مئوية). 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 (مانع التجمد). يقلل استخدام الماء المنخفض الجودة من مقدار الوقاية من التآكل في نظام تبريد المحرك.

ملاحظة:

• أنه من مسؤولية المالك الحفاظ على مستوى الحماية الصحيح ضد التجمد تبعاً لدرجات الحرارة التي تحدث في المناطق التي يتم فيها تشغيل السيارة.

• 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 باستخدام أنواع سائل تبريد المحرك (مانع التجمد) المختلطة حيث يمكن أن تتسبب في تلف نظام التبريد. إذا تم خلط سائل التبريد HOAT (تقنية المواد العضوية المضافة المهجنة) مع سائل التبريد OAT (ذو

تقنية الإضافات العضوية) في حالة الطوارئ، فاطلب من الوكيل المعتمد تنظيفه وغسله وإعادة ملئه باستخدام سائل تبريد OAT (ذو تقنية الإضافات العضوية) (متوافق مع متطلبات معيار مواد (MS.90032) في أسرع وقت ممكن.

غطاء ضغط نظام التبريد

يجب إحكام غلق الغطاء بالكامل لتجنب فقدان سائل تبريد المحرك (مانع التجمد) والتأكد من رجوع سائل التبريد (مانع التجمد) إلى الرادياتير من زجاجة تمدد سائل التبريد/خزان التبريد، إذا كانت السيارة مزودة 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 تضيف 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 واقفًا تحت ضغط.
- لا تستخدم غطاء ضغط غير المحدد لسيارتك. فقد ينجم عن ذلك التعرض لإصابة شخصية أو تلف المحرك.

تحذير! (تابع)

- حافظ على بقاء البيدين والأدوات والملابس والمجوهرات بعيدًا عن مروحة تبريد الرادياتير عند رفع غطاء المحرك. يبدأ تشغيل المروحة تلقائيًا، وقد يبدأ في أي وقت، سواءً كان المحرك يعمل أو لا يعمل.
- عند العمل بالقرب من مروحة تبريد الرادياتير، افصل طرف توصيل مروحة الرادياتير، أو حرك مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). تعمل مروحة الرادياتير وفقًا لدرجة الحرارة ويمكنها أن تنطلق في أي وقت عندما يكون مفتاح التشغيل في وضع ON (التشغيل).

عمليات فحص سائل تبريد المحرك

افحص وافي سائل تبريد المحرك (مانع التجمد) كل 12 شهرًا (قبل حلول فصل التجمد، متى توفرت الفرصة لذلك). إذا كان محلول تبريد المحرك (مانع التجمد) متسخًا، فيجب تصريف النظام وغسله وإعادة ملئه بسائل تبريد ذي تقنية الإضافات العضوية (OAT) (متوافق مع متطلبات معيار مواد MS.90032) بواسطة الوكيل المعتمد. افحص مقدمة مكثف مكيف الهواء للتحقق مما إذا كانت هناك أية حشرات ملتصقة أو أوراق شجر إلخ. ونظف الرادياتير 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

والرادياتير. افحص النظام بأكمله للتأكد من عدم وجود أي تسرب. لا ترفع غطاء ضغط سائل التبريد إذا كان نظام التبريد ساخنًا.

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. عند 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 ذو تقنية الإضافات العضوية (OAT) (مانع التجمد) (متوافق مع متطلبات معيار مواد MS.90032).

راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

اختيار سائل التبريد

راجع "السوائل وزيوت التشحيم" ضمن "المواصفات الفنية" للحصول على مزيد من المعلومات.

ملاحظة:

- قد يترتب على خلط محلول 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 ذي تقنية الإضافات العضوية (OAT) مختلف ويجب ألا يتم خلطه مع سائل تبريد المحرك ذي تقنية المواد العضوية المضادة للمهجنة (HOAT) (مانع التجمد) أو أي سائل تبريد "متوافق عالميًا" (مانع التجمد). في حال توفير سائل تبريد غير سائل التبريد ذي تقنية المواد العضوية المضادة (OAT) (مانع التجمد) في نظام التبريد بالحالات الطارئة، سيحتاج نظام التبريد إلى التصريف والشفط وإعادة تعيّنته بسائل تبريد جديد ذي تقنية المواد العضوية المضادة (OAT) (متوافق مع MS.90032)، بواسطة وكيل معتمد في أقرب وقت.

- لا تستخدم الماء العادي فقط أو منتجات سائل تبريد المحرك (مانع التجمد) ذات أساس كحولي. لا تستخدم مواد مانعة للصدأ إضافية أو منتجات مقاومة للصدأ، حيث إنها قد لا تتوافق مع سائل تبريد الرادياتير، وقد تسد الرادياتير.

- هذه السيارة غير مصممة بحيث يمكن استخدام سوائل تبريد المحرك (مانع التجمد) التي تستند إلى قاعدة من بروبيلين الجليكول. لا يُوصى باستخدام سائل تبريد المحرك (مانع التجمد) القائم على قاعدة من بروبيلين الجليكول.

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. استبدله 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 استنشقت. لتجنب استنشاق أول أكسيد الكربون (CO)، راجع "إرشادات السلامة" في "السلامة" للحصول على مزيد من المعلومات.
- 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.

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 العيب المتعمد بأنظمة التحكم في الانبعاثات إلى صدور عقوبات مدنية ضدك.

في المواقف غير المعتادة التي تشمل تعطل المحرك، قد يشير انبعاث رائحة لأذعة 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 الجهة المُصنِّعة 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!

- قد تتعرض أنت أو الآخرين لخطر الاحتراق بواسطة سائل تبريد المحرك (مانع التجمد) أو البخار الساخن المتصاعد من الرادياتير. إذا رأيت أو سمعت صوت الأبخرة المتصاعدة من أسفل غطاء المحرك، فلا تفتح الغطاء حتى يبرد الرادياتير. لا تقم مطلقًا بفتح غطاء ضغط نظام التبريد إذا كان الرادياتير أو زجاجة سائل التبريد ساخنين.

(تابع)

5. اخفض طرف ذراع الماسحة برفق على الزجاج.
تركيب الماسحة الخلفية

1. ارفع الغطاء المحوري لذراع الماسحة الخلفية بعيدًا عن الزجاج للسماح برفع شفرة الماسحة الخلفية عن الزجاج.

ملاحظة:

لا يمكن رفع ذراع الماسحة الخلفية بشكل كامل عن الزجاج ما لم يكن الغطاء المحوري لذراع الماسحة مفكوكًا أولاً. يمكن أن تتسبب محاولة رفع ذراع الماسحة الخلفية بالكامل دون فك الغطاء المحوري لذراع الماسحة الخلفية في تلف السيارة.

2. ارفع ذراع الماسحة الخلفية بالكامل بعيدًا عن الزجاج.

3. 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.

4. أخفض شفرة الماسحة على الزجاج وقم بوضع الغطاء المحوري لذراع الماسحة في موضعه.

نظام العادم

تعد أفضل وسيلة لحماية السيارة من تسرب غاز أول أكسيد الكربون إلى داخلها هو نظام عادم المحرك.

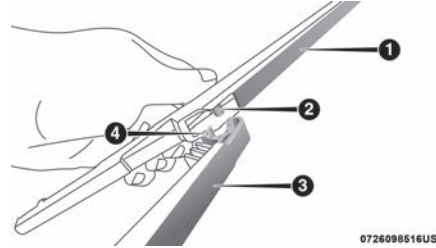
إذا لاحظت وجود تغيير في صوت نظام العادم، أو إذا لاحظت تصاعد أدخنة العادم داخل السيارة، أو في حالة تلف الجانب السفلي من السيارة أو الجزء الخلفي منها، فيمكنك استدعاء أحد الفنيين المؤهلين لفحص نظام العادم

3. لإزالة شفرة الماسحة من ذراع الماسحة، أمسك الطرف السفلي من شفرة الماسحة بالقرب من ذراع الماسحة بيدك اليمنى. باستخدام يدك اليسرى أمسك ذراع الماسحة بينما تسحب شفرة الماسحة بعيدًا عن ذراع الماسحة إلى ما بعد أن يتوقف بدرجة كافية لفك سن محور شفرة الماسحة من القابس الموجود في طرف ذراع الماسحة.

ملاحظة:

سوف يصاحب المقاومة صوت مسموع.

4. مع الإمساك بالطرف السفلي لشفرة الماسحة، حرك شفرة الماسحة بعيدًا عن ذراع الماسحة ليتم فصلها.



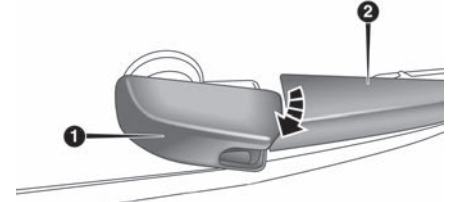
شفرة الماسحة التي تمت إزالتها من ذراع الماسحة

1 - شفرة الماسحة

2 - سن محور شفرة الماسحة

3 - ذراع الماسحة

4 - قابس ذراع الماسحة

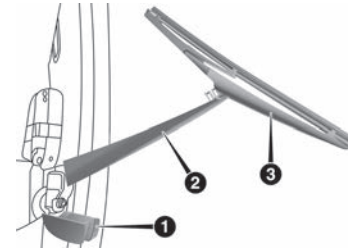


الغطاء المحوري للماسحة في وضع الغاء القفل

1 - الغطاء المحوري لذراع الماسحة

2 - ذراع الماسحة

2. ارفع ذراع الماسحة الخلفية بالكامل بعيدًا عن الزجاج.



شفرة الماسحة في وضع طي للخارج

1 - الغطاء المحوري لذراع الماسحة

2 - ذراع الماسحة

3 - شفرة الماسحة

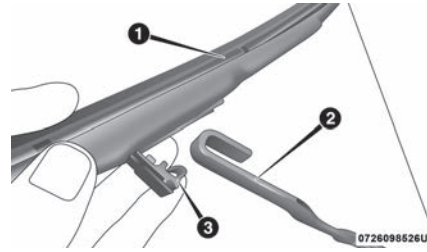
2. لفصل شفرة الماسحة من ذراع الماسحة، اقلب لسان التحرير الموجود على شفرة الماسحة وأثناء الإمساك بذراع الماسحة بأحد اليدين، حرك شفرة الماسحة إلى الأسفل باتجاه قاعدة ذراع الماسحة.



شفرة الماسحة مع لسان التحرير في وضع إلغاء القفل

- 1 - شفرة الماسحة
- 2 - لسان التحرير
- 3 - ذراع الماسحة

3. أثناء فصل شفرة الماسحة، أزل شفرة الماسحة من ذراع الماسحة عن طريق الإمساك بذراع الماسحة بأحد اليدين وفصل شفرة الماسحة عن ذراع الماسحة باستخدام اليد الأخرى (حرك شفرة الماسحة في اتجاه الجانب الأيمن من السيارة لفصل شفرة الماسحة عن ذراع الماسحة).



شفرة الماسحة التي تمت إزالتها من ذراع الماسحة

- 1 - شفرة الماسحة
- 2 - ذراع الماسحة
- 3 - لسان التحرير

4. اخفض ذراع الماسحة برفق على الزجاج.
تركيب الماسحات الأمامية

1. ارفع ذراع الماسحة من على الزجاج، حتى يكون ذراع الماسحة في الوضع العكسي الكامل.

2. ضع شفرة الماسحة بالقرب من الخطاف الموجود على طرف ذراع الماسحة مع كون لسان التحرير مفتوحًا ومع مواجهة جانب شفرة الماسحة لأعلى بعيدًا عن الزجاج الأمامي.

3. أدخل الخطاف في طرف الذراع عبر الفتحة الموجودة في شفرة الماسحة أسفل لسان التحرير.

4. حرك شفرة الماسحة لأعلى في الخطاف الموجود على ذراع الماسحة ودور شفرة الماسحة حتى تستقر في مواجهة ذراع الماسحة. قم بطي لسان التحرير المزلاج وثبته في وضع القفل الخاص به. سوف يسمع صوت استقرار عند تعشيق المزلاج.

5. اخفض شفرة الماسحة برفق على الزجاج.

تركيب/إزالة شفرات الماسحة الخلفية - إذا كانت السيارة مزودة بذلك

1. ارفع الغطاء المحوري لذراع الماسحة الخلفية بعيدًا عن الزجاج للسماح برفع شفرة الماسحة الخلفية عن الزجاج.

ملاحظة:

لا يمكن رفع ذراع الماسحة الخلفية بشكل كامل عن الزجاج ما لم يكن الغطاء المحوري لذراع الماسحة مفكوكًا أولاً. يمكن أن تتسبب محاولة رفع ذراع الماسحة الخلفية بالكامل دون فك الغطاء المحوري لذراع الماسحة الخلفية في تلف السيارة.

تشحيم هيكل السيارة

يجب تشحيم الأقفال وجميع النقاط المحورية الموجودة على جسد السيارة، التي تتضمن مسارات المقاعد والنقاط المحورية لمفصلات الأبواب وباب المؤخرة والباب الخلفي وغطاء الحقيبة والأبواب المنزلقة ومفصلات غطاء المحرك، بشكل دوري باستخدام شحم ليثيوم مثل Spray White Lube من Mopar لتأكيد عملها بشكل سهل ولحمايتها ضد الغبار والتآكل. وقيل وضع أي زيت تشحيم، ينبغي مسح الأجزاء المطلوب تشحيمها حتى التأكد من نظافتها لإزالة الأتربة والحبيبات الرملية، وبعد الانتهاء من عملية التشحيم، ينبغي إزالة أية زيوت تشحيم أو شحومات زائدة. ينبغي أيضًا الانتباه على وجه الخصوص لمكونات مزلاج غطاء المحرك للتأكد من عملها بطريقة صحيحة. وفي حالة إجراء أية أعمال خدمة تحت غطاء المحرك، فينبغي تنظيف مزلاج غطاء المحرك وألية 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.

شفرات 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 غسيل 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 ملاسمة المنتجات البترولية مثل زيت المحرك أو البنزين، الخ.

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 ممتلئة. في حالة وجود أي من هذه الظروف، قم بتنظيف شفرات الماسحة أو استبدالها 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

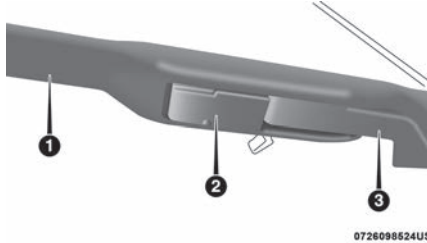
إذا تلفت شفرة الماسحة أو ذراع الماسحة، فاستبدل ذراع أو شفرة الماسحة المتأثرة بأخرى جديدة. لا تحاول إصلاح شفرة أو ذراع الماسحة التالفة.

تركيب/إزالة شفرات الماسحة الأمامية

تنبيه!

لا تسمح بارتداد ذراع الماسحة إلى الزجاج دون وجود شفرة الماسحة في مكانها وإلا فقد يتلف الزجاج.

1. ارفع ذراع الماسحة لرفع شفرة الماسحة عن الزجاج، حتى يكون ذراع الماسحة في الوضع العلوي الكامل.



شفرة الماسحة مع لسان التحرير في وضع القفل

- 1 - الماسحة
- 2 - لسان التحرير
- 3 - ذراع الماسحة

راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

تحذير!

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.

سائل (UREA) AdBlue - إذا كانت السيارة مزودة بذلك

يُعرف UREA Adblue ببساطة أحيانًا باسم المكون النشط، يعتبر UREA مكونًا أساسيًا في أنظمة تقليل التحفيز الانتقائي (SCR) التي تساعد سيارات الديزل على الوفاء بلوائح الانبعاثات الصارمة. يعتبر سائل UREA Adblue عامل تخفيض سائلًا يتفاعل مع عادم المحرك في وجود حفاز لتحويل أكاسيد النيتروجين التي تتشكل في صورة ضباب (NOx) إلى نيتروجين وبخار ماء غير ضارين.

راجع "السوائل وزيت التشحيم" ضمن "المواصفات الفنية" للحصول على مزيد من المعلومات.

ملاحظة:

• يمكن أن يؤثر استخدام مزيج الديزل الحيوي أكثر من 20% بصورة سلبية على قدرة فلتر الوقود لفصل الماء عن الوقود مما قد يؤدي إلى تآكل أو تلف نظام الوقود عالي الضغط.

• بالإضافة إلى ذلك، تعتبر إضافات الوقود المتوفرة بالمتاجر غير ضرورية للتشغيل السليم لمحرك الديزل.

• في حالات البرودة القارسة، يُوصى بـ"معالجة وقود الديزل الممتاز Mopar" للمساعدة في بدء التشغيل البارد.

استراتيجية إعادة توليد التدخل — تدفق معالجة

الرسائل (محرك الديزل)

يفي هذا المحرك بجميع معايير الانبعاثات المطلوبة لمحرك الديزل. ولتحقيق معايير هذه الانبعاثات، تكون سيارتك مزودة بنظام عادم ومحرك على أحدث طراز. تتكامل هذه الأنظمة بشكل سلس في السيارة وتتم إدارتها بواسطة وحدة التحكم في مجموعة الدفع والحركة (PCM). تتحكم وحدة التحكم في مجموعة الدفع والحركة (PCM) في احتراق المحرك للسماح لحفاز نظام العادم باحتجاز ملوثات مواد الجزيئات (PM) وحرقتها، بدون تدخل أو تفاعل من جانبك.

بالإضافة إلى ذلك، تمتاز سيارتك بالقدرة على تنبيهك بأعمال الصيانة الإضافية اللازمة للمحرك أو السيارة.

2. اضغط على مفتاح التشغيل مرتين دون وضع قدمك على الفرامل لوضع السيارة في وضع RUN (الانطلاق). يؤدي ذلك إلى تنشيط مضخة الوقود في الخزان لمدة 30 ثانية تقريبًا. كرر هذه العملية مرتين.

3. لبدء تشغيل المحرك باستخدام إجراء "بدء التشغيل العادي". راجع "بدء تشغيل المحرك" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

تنبيه!

يتم تشييق موتور بدء التشغيل لمدة 30 ثانية تقريبًا في كل مرة. اسمح بدقيقتين بين فواصل التندوير.

ملاحظة:

قد يعمل المحرك بشكل مضطرب إلى أن يخرج الهواء من جميع خطوط الوقود.

تحذير!

لا تستخدم الكحول أو البنزين كعامل لمزج الوقود. فقد يكون غير ثابت في ظروف معينة وخطير أو قابل للانفجار عند خلطه مع وقود الديزل.

تنبيه!

بسبب نقص زيوت التشحيم في الكحول أو البنزين، يمكن أن يتسبب استخدام تلك الأنواع في تلف نظام الوقود.

8. امسح أسطح مانع التسرب للغطاء والمببیت.

تنبيه!

عليك توخي الحذر عند التعامل مع فلتر الوقود الجديد لتفادي دخول تلوث إلى نظام الوقود.

9. قم بتزييت الحلقة الدائرية على الفلتر الجديد بزيت محرك نظيف.

10. ركب الخرطوشة في المببیت مع التدوير مع عقارب الساعة، استخدم المقبس لإحكام الربط.

11. كرر الخطوات من 5 إلى 10 لصيانة فلتر الوقود الثاني في المجموعة.

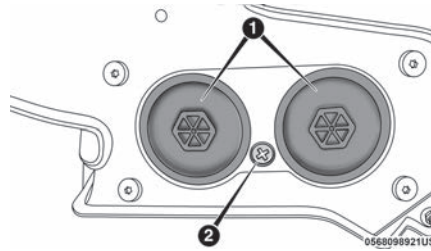
12. بعد بدء تشغيل المحرك، تحقق من أن الفلاتر لا تسرب.

التحضير إذا نفذ الوقود من المحرك - محرك الديزل

تحذير!

لا تفتح نظام الوقود عالي الضغط أثناء تشغيل المحرك. فقد يتسبب تشغيل المحرك في ارتفاع ضغط الوقود. يمكن أن يتسبب رذاذ الوقود عالي الضغط في إصابة بالغة أو الوفاة.

1. أضف كمية كبيرة من الوقود إلى الخزان، حوالي 2 إلى 5 جالونات (8 لترات إلى 19 لترًا).



مجموعة فلتر الوقود

1 - الوصول لفلتر الوقود

2 - تصريف الماء في الوقود

1. تأكد من إيقاف تشغيل المحرك.

2. ضع وعاء تصريف أسفل مجموعة فلتر الوقود.

3. افتح صمام تصريف الماء، ثم أتح الفرصة لتصريف الماء والوقود المتجمع.

4. أغلق صمام تصريف الماء.

5. نظف الجزء السفلي من مببیت فلتر باستخدام قطعة قماش لمنع التلوث من الدخول إلى نظام الوقود أثناء الخدمة.

6. أزل باستخدام مقبس. أدر عكس اتجاه عقارب الساعة لإزالتها.

7. أزل منصهر الفلتر من المببیت وتخلص منه وفقا للوائح المحلية.

ملاحظة:

يجب التزام الحذر عند التخلص من السوائل المستخدمة من السيارة. وذلك حيث قد تمثل الزيوت المستخدمة، بطريقة غير قانونية، مشكلة للبيئة. اتصل بوكيل معتمد أو محطة صيانة أو وكالة حكومية للحصول على المشورة حول برامج إعادة التدوير وحول الأماكن التي يمكنك التخلص فيها من الفلاتر والزيوت المستخدمة بشكل صحيح في منطقتك.

إذا تم تصريف أكثر من أونستين أو 60 مليلتر من الوقود، فاتبع تعليمات "التحضير إذا نفذ وقود المحرك".

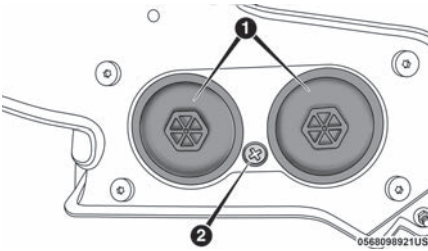
استبدال فلتر الوقود المركب في الجزء السفلي - محرك الديزل

ملاحظة:

يمكن أن يؤثر استخدام فلتر وقود لا يتوافق مع متطلبات الفلتر وفصل الماء للجهة المصنعة بشدة على العمر الافتراضي لنظام الوقود والموتوقية.

تنبيه!

- سيتلف وقود الديزل الأسطح المرصوفة بطبقة أسفلت. قم بتصريف الفلتر في حاوية مناسبة.
- لا تقم بملء فلتر الوقود بشكل مسبق عند تركيب فلتر وقود جديد. فقد تدخل المخلفات في فلتر الوقود أثناء هذا الإجراء. ومن الأفضل تركيب الفلتر وهو جاف والسماح لمضخة رفع مدخل الخزان بتجهيز نظام الوقود.



مجموعة فلتر الوقود

1 - الوصول لفلتر الوقود

2 - تصريف الماء في الوقود

في غضون 10 دقائق من إيقاف السيارة، أدر صمام تصريف الفلتر (الموجود بالجزء السفلي من مبيت الفلتر) عكس اتجاه عقارب الساعة لتصريف الوقود/الماء؛ حيث سيسمح ذلك بتصريف الماء المتجمع. اترك صمام التصريف مفتوحًا حتى تتم إزالة جميع المياه والملوثات. وعندما يظهر الوقود النظيف، أغلق صمام التصريف عن طريق تدويره في اتجاه عقارب الساعة.

في حالة التصريف الصحيح للماء من مجموعة فلتر الوقود، فسيظل "ضوء مؤشر وجود ماء في الوقود" مضاءً لمدة 10 ثوانٍ تقريبًا. وإذا تم تصريف الماء أثناء تشغيل المحرك، فقد يظل "ضوء مؤشر وجود ماء في الوقود" مضاءً لمدة ثلاث دقائق تقريبًا.

• السير مكسور (ملاحظة: تعرف على المشكلة وحاول حلها قبل تركيب سير جديد)

• 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 بكبكرة السير. يجب فحص بكرات السير بعناية بحثًا عن وجود تلف أو محاذاة صحيحة.

يتطلب استبدال السير في بعض الطرز استخدام أدوات خاصة، لذا فإننا نوصي بإجراء صيانة السيارة لدى الوكيل المعتمد.

تصريف فلتر فاصل الوقود/المياه — محرك ديزل

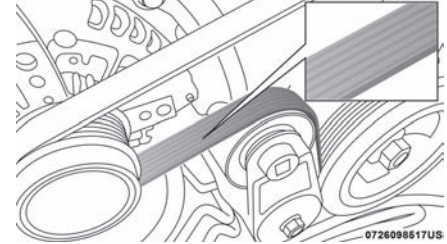
يوجد مبيت وحدة فاصل الماء / فلتر الوقود في الجانب الأيسر من السيارة أمام خزان الوقود. وأفضل طريقة للوصول لصمام تصريف الماء هذا هي من أسفل السيارة.

تنبيه!

- لا تقم بتصريف فلتر الوقود/فاصل الماء أثناء تشغيل المحرك.
- سيتلف وقود الديزل الأسطح المرصوفة بطبقة أسفلت.
- قم بتصريف الفلتر في حاوية مناسبة.

وفي حالة اكتشاف وجود ماء في وحدة فاصل الماء أثناء تشغيل المحرك، أو أثناء وجود مفتاح التشغيل في وضع ON (التشغيل)، سيضيء "ضوء مؤشر وجود ماء في الوقود"، وستصدر إشارة صوتية. عند هذه النقطة، سينبغي عليك إيقاف المحرك وتصريف الماء من مبيت الفلتر.

عند فحص سيور 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 المتلف)

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 الحروز عن موضعها" (السير لا يستقر في الموضع الصحيح على البكرة)

8. أعد تركيب باب صندوق القفازات على مفصلة الباب مع إعادة تركيب شريط الشد عن طريق إدخال مشبك الشريط في صندوق القفازات وتحريك المشبك بعيدًا عن وجه باب صندوق القفازات.

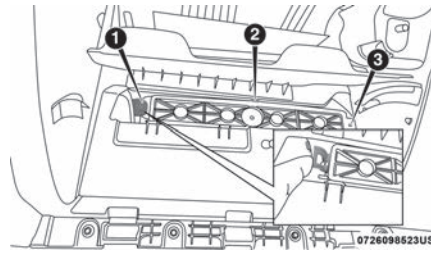
9. ادفع الباب بالقرب من وضع الإغلاق لإعادة تشييق سدادات حركة صندوق القفازات.

ملاحظة:

تأكد من تشييق مفصلات صندوق القفازات وسدادات حركة باب صندوق القفازات بالكامل.

فحص سير تشغيل قطع الغيار

- تحذير!**
- لا تحاول فحص سير تشغيل قطع الغيار أثناء تشغيل السيارة.
 - عند العمل بالقرب من مروحة تبريد الرادياتير، 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، فخذ سيارتك إلى أحد فنيي الميكانيكا المؤهلين.



غطاء فلتير هواء مكيف الهواء (A/C)

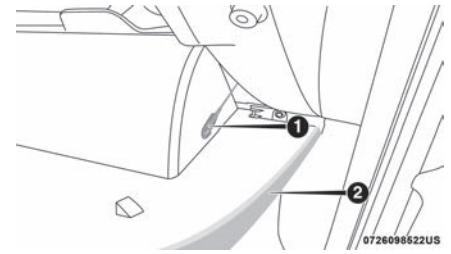
- 1 — لسان التثبيت
- 2 — المشبك المتوسط
- 3 — مفصلة غطاء الفلتر

6. أزل فلتر هواء مكيف الهواء عن طريق سحبه خارج المبيت.

7. قم بتركيب فلتر هواء مكيف الهواء باستخدام السهم الموجود في الفلتر الذي يشير إلى الأرض. عند تركيب غطاء الفلتر، تأكد من تشييق أسنة التثبيت بالكامل في الغطاء.

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.



الجانب الأيمن من صندوق القفازات

- 1 — شريط شد صندوق القفازات
- 2 — باب صندوق القفازات

5. أزل غطاء الفلتر عن طريق فصل لسان التثبيت والمشبك المتوسط الذي يثبت غطاء الفلتر في مبيت وحدة التسخين والتهوية ومكيف الهواء (HVAC). افصل المشبك المتوسط عن طريق سحب الباب للخارج. أزل غطاء الفلتر عن الجانب الأيمن لإزالة الغطاء بالكامل.

استعادة سائل التبريد R-134a وإعادة تدويره — إذا كانت السيارة مزودة بذلك

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:

استخدم زيت الضاغاط PAG لنظام مكيف الهواء وسوائل التبريد المعتمدة من الجهة المُصنِّعة فقط.

استعادة سائل التبريد وإعادة تدويره — R-1234yf

سائل تبريد مكيف الهواء R-1234yf هو سائل من الهيدروفلورو أوليفينات (HFO) معتمد من وكالة حماية البيئة، وهو مادة غير ضارة بطبقة الأوزون مع انخفاض إمكانية التسبب في الاحترار العالمي. تُوصي الجهة المُصنِّعة بإجراء أعمال الصيانة لمكيف الهواء بواسطة وكيل معتمد باستخدام معدة الاستعادة وإعادة التدوير.

ملاحظة:

استخدم زيت الضاغاط PAG لنظام مكيف الهواء وسوائل التبريد المعتمدة من الجهة المُصنِّعة فقط.

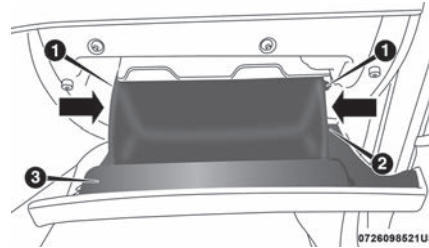
استبدال فلتر مكيف الهواء (فلتر هواء مكيف الهواء) راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

تحذير!

لا تقم بإزالة فلتر هواء الكابينة أثناء تشغيل السيارة، أو عندما يكون مفتاح التشغيل في وضع ACC (الملحقات) أو وضع ON/RUN (التشغيل/الانطلاق). أثناء إزالة فلتر هواء الكابينة وتشغيل المروحة، يمكن أن تلامس المروحة الأيدي وقد تدفع الأتربة والأوساخ إلى عينيك، مما قد يؤدي إلى حدوث إصابة شخصية.

يوجد فلتر هواء مكيف الهواء (A/C) في مدخل الهواء النقي خلف صندوق القفازات. قم بالإجراء التالي لاستبدال الفلتر:

1. افتح صندوق القفازات وأخرج جميع المحتويات.



حجرة القفازات

1 - سدادات تحرك صندوق القفازات

2 — شريط شد صندوق القفازات

3 — باب صندوق القفازات

2. توجد سدادات لحركة صندوق القفازات على كلا جانبي باب صندوق القفازات، قم بإغلاق باب صندوق القفازات بشكل جزئي واضغط للدخول لتحرير سدادة حركة صندوق القفازات على أحد الجانبين، ثم كرر هذا الإجراء على الجانب المقابل.

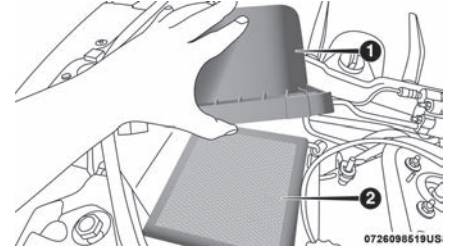
3. اسحب الجانب الأيمن من باب صندوق القفازات في اتجاه مؤخرة السيارة لفصل باب صندوق القفازات عن مفصلاته.

ملاحظة:

عند فصل باب صندوق القفازات عن مفصلاته، ستكون هناك بعض المقاومة.

4. عندما يكون باب صندوق القفازات مفكوكا، أزل شريط شد صندوق القفازات ومشبك الشريط عن طريق إمالة المشبك تجاه مقدمة باب صندوق القفازات مع إخراج المشبك من باب صندوق القفازات.

2. ارفع غطاء جهاز تنقية الهواء للوصول إلى فلتر جهاز تنقية الهواء.

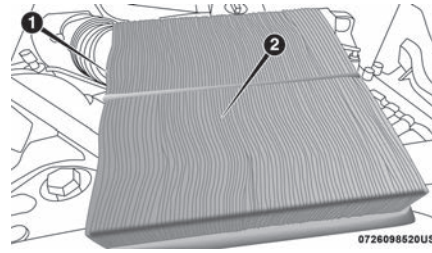


افتح مجموعة فلتر تنقية الهواء

1 — غطاء جهاز تنقية الهواء

2 — فلتر تنقية الهواء

3. أزل عنصر فلتر جهاز تنقية الهواء من مجموعة المبييت.



فلتر جهاز تنقية الهواء

1 — فلتر تنقية الهواء

2 — سطح فحص فلتر تنقية الهواء

تركيب فلتر تنقية هواء المحرك

ملاحظة:

افحص المبييت ونظفه في حالة وجود غبار أو مخلفات به قبل استبدال عنصر فلتر الهواء.

1. ركب فلتر جهاز تنقية الهواء في مجموعة المبييت مع ضبط سطح فحص فلتر تنقية الهواء الفحص بحيث يكون متجه لأسفل.

2. ركب غطاء جهاز تنقية الهواء على أسنة تحديد مجموعة المبييت.

3. ركب المشابك الزنبركية وقم بقلل غطاء جهاز تنقية الهواء بمجموعة المبييت.

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 وزيت 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 زيت 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 عالٍ. ولكي تتجنب مخاطر التعرض للإصابة الشخصية أو تلف النظام، ينبغي إضافة سائل التبريد أو إجراء أية إصلاحات في الأنابيب التي قد تنفصل بواسطة فني مؤهل.

تنبيه!

لا تستخدم مواد كيميائية في أي نظام تكييف هواء حيث إن الكيماويات يمكن أن تلتف مكونات مكيف الهواء. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف.

زيوت المحرك التركيبية

يمكنك استخدام زيوت المحرك الاصطناعية بشرط مطابقتها لمتطلبات جودة الزيوت الموصى بها واتباع فترات الصيانة الموصى بها لتغيير الزيت والفلتر.

وينبغي الامتناع عن استخدام زيوت المحرك التركيبية التي لم تحصل على كل من علامة اعتماد زيت المحرك ورقم درجة لزوجة SAE الصحيح.

المواد المضافة إلى زيت المحرك

توصي الجهة المصنعة بشكل واضح بعدم إضافة أية 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 وفلتر الزيت

ينبغي الحرص عند التخلص من زيوت المحرك المستخدمة وفلتر الزيت. حيث قد يمثل التخلص من زيت المحرك المستخدم وفلتر الزيت المستخدمة، بطريقة غير قانونية، مشكلة كبيرة للبيئة. اتصل بوكيل معتمد أو بمحطة صيانة أو بوكالة حكومية لطلب المشورة فيما يتعلق بكيفية التخلص من الزيوت والفلتر المستخدمة والمكان المناسب لذلك بطريقة آمنة في منطقتك.

فلتر زيت المحرك

ينبغي استبدال فلتر زيت المحرك بفلتر زيت جديد في كل مرة يتم فيها تغيير زيت المحرك.

اختيار فلتر زيت المحرك

يتم تزويد محركات هذه الجهات المصنعة بفلتر زيت من النوع المتدفق الكامل الذي يمكن التخلص منه بعد الاستخدام. استخدم فلتر من هذا النوع عند استبدال فلتر الزيت في سيارتك. تتوفر جودة فلتر الزيت البديلة بدرجة ملحوظة. ينبغي فقط استخدام فلتر الزيت عالية الجودة للحصول على أفضل مستوى خدمة. تعد فلتر زيت المحركات من نوع Mopar فلتر عالية الجودة ويوصى باستخدامها.

فلتر تنقية هواء المحرك

راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

ملاحظة:

تأكد من اتباع فترات الصيانة "ظروف الخدمة الشاقة" إذا كان ذلك ممكناً.

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 إصابة شخصية بالغة.

تحديد فلتر تنقية هواء المحرك

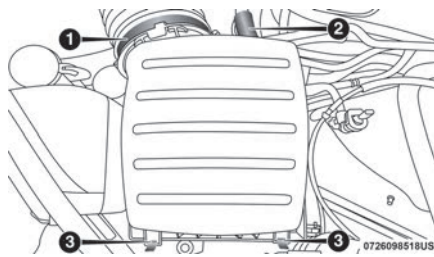
تختلف جودة فلتر تنقية هواء المحرك بشكل كبير. ينبغي فقط استخدام فلتر الزيت عالية الجودة للحصول على أفضل مستوى خدمة. تعد فلتر تنقية هواء المحرك من نوع Mopar فلتر عالية الجودة ويوصى باستخدامها.

فحص فلتر تنقية هواء المحرك واستبداله — محرك البنزين

افحص فلتر تنقية هواء المحرك بحثاً عن الأوساخ أو المخلفات، وإذا عثرت على أدلة لوجود أوساخ أو مخلفات، فيجب تغيير فلتر تنقية الهواء.

إزالة فلتر تنقية هواء المحرك

1. حرر المشابك الزنبركية من غطاء جهاز تنقية الهواء.



غطاء فلتر تنقية الهواء

1 — مشبك خرطوم الهواء النقي

2 — خرطوم الهواء

3 — المشابك الزنبركية

اختيار زيت محرك الديزل

للحصول على أفضل مستوى من الأداء وأقصى درجات الحماية في كافة ظروف التشغيل، توصي الجهة المُصنِّعة باستخدام زيوت المحركات التي تتوافق مع متطلبات معيار المواد رقم MS-10902 لشركة FCA والمعمدة من ACEA E9/E7 أو A3/B4 والتي تتوافق مع متطلبات شركة FCA LLC.

رمز تعريف زيت محرك معهد البترول الأمريكي (API)

ويعني هذا الرمز أنه قد تم اعتماد الزيت بواسطة معهد البترول الأمريكي (API). توصي الجهة المُصنِّعة باستخدام زيوت المحركات المعتمدة من معهد البترول الأمريكي (API) فقط.



يشير هذا الرمز إلى زيوت المحرك 0W-20 و 5W-20 و 0W-30 و 5W-30 و 10W-30.

تنبيه!

لا تستخدم مواد كيميائية في زيت المحرك مثل الكيماويات التي يمكن أن تتلف المحرك. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف.

لزوجة زيت المحرك (درجة SAE) - المحرك سعة 3.6 لترات

ينصح باستخدام زيت المحرك SAE 0W-20 من Mopar المعتمد لدى شركة FCA والمتوافق مع معيار المواد MS-6395 مثل Pennzoil أو Shell Helix أو ما يكافئه لجميع درجات حرارة التشغيل. حيث يعمل زيت المحرك هذا على تحسين بدء التشغيل في درجة الحرارة المنخفضة وترشيد استهلاك الوقود في السيارة.

يُظهر غطاء فتحة تعبئة زيت المحرك أيضًا لزوجة الزيت الموصى بها لمحرك سيارتك. راجع الشكل التوضيحي لغرفة المحرك في هذا القسم للاطلاع على المزيد من المعلومات حول موقع غطاء فتحة تعبئة زيت المحرك.

ويجب قطعًا الامتناع عن استخدام زيوت التشحيم التي لم تحصل على كل من علامة اعتماد زيت المحرك ورقم درجة لزوجة SAE الصحيح.

لزوجة زيت المحرك (درجة SAE) - المحرك سعة 5.7 لترات

ننصح باستخدام زيت المحرك SAE 5W-20 من Mopar المتوافق مع معيار المواد MS-6395 الذي وضعته شركة FCA، مثل Pennzoil أو Shell Helix أو ما يكافئه مع جميع درجات حرارة التشغيل. حيث يعمل زيت المحرك هذا على تحسين بدء التشغيل في درجة الحرارة المنخفضة وترشيد استهلاك الوقود في السيارة.

يُظهر غطاء فتحة تعبئة زيت المحرك أيضًا لزوجة الزيت الموصى بها لمحرك سيارتك. راجع الشكل التوضيحي

لغرفة المحرك في هذا القسم للاطلاع على المزيد من المعلومات حول موقع غطاء فتحة تعبئة زيت المحرك.

ملاحظة:

يجب أن تستخدم السيارة المزودة بمحرك سعة 5.7 لتر زيت SAE 5W-20. قد يؤدي عدم اتباع ذلك إلى التشغيل غير الصحيح لتقنية توفير الوقود. راجع "تقنية توفير الوقود – إذا كانت السيارة مزودة بذلك" في "البدء والتشغيل" للتعرف على مزيد من المعلومات.

ويجب قطعًا الامتناع عن استخدام زيوت التشحيم التي لم تحصل على كل من علامة اعتماد زيت المحرك ورقم درجة لزوجة SAE الصحيح.

لزوجة زيت المحرك (درجة SAE) - محرك ديزل سعة 3.0 لترات

تنبيه!

تم تزويد السيارة بمحرك ديزل ذو تقنية متقدمة وقد تم تصميم جهاز الانبعاثات ليحد من انبعاثات جزيئات الديزل حتى لا يتم تحريرها في الهواء الجوي. تعتمد متانة المحرك والعمر المتوقع لجهاز انبعاثات فلتر جزيئات الديزل هذا اعتمادًا كبيرًا على استخدام زيت المحرك الصحيح.

نوصي باستخدام زيت المحرك التركيبي 5W-40 مثل Mopar أو Shell Rotella مما يفي بمتطلبات معيار المواد رقم MS-10902 لشركة FCA وتكون فئة زيت المحرك ACEA E9/E7 أو A3/B4 مطلوبة.

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 دون صيانة

سيارتك مزودة ببطارية لا تحتاج إلى أعمال الصيانة. حيث لا يلزم إضافة ماء، كما لا يلزم إجراء أعمال صيانة دورية لها.

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 الكهربائي. 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" في قسم "في حالات الطوارئ" للحصول على مزيد من المعلومات.

• غاز البطارية قابل للاشتعال والانفجار. احرص على إبعاد اللهب أو أي مصدر للحرارة 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! (تابع)

• تحتوي أقطاب وأطراف البطارية والملحقات الخاصة بها على الرصاص ومركباته. اغسل يديك بعد حمل البطارية.

تنبيه!

• من الضروري عند وضع الكابلات 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 كابل البطارية قبل توصيل الشاحن بالبطارية. لا تستخدم "الشاحن السريع" لتوفير فولتية بدء التشغيل.

خدمة الوكيل

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، فخذ سيارتك إلى أحد فنيي الميكانيكا المؤهلين.

زيت المحرك

تغيير زيت المحرك - محرك البنزين

راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

تغيير زيت المحرك - محرك الديزل

راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

اختيار زيت محرك البنزين

للوصول إلى أعلى معدلات الأداء وأقصى حماية ممكنة في كل ظروف التشغيل، تُوصي الجهة المُصنِّعة باستخدام زيوت المحرك المعتمدة فقط من معهد البترول الأمريكي (API) والتي تتوافق مع متطلبات معيار المواد رقم MS-6395 الخاص بشركة FCA أو FCA 9.55535-CR1 أو ACEA A1/B1.

التحقق من مستوى الزيت - محرك البنزين

للتأكد من تشغيل محرك السيارة بشكل صحيح، يجب الاحتفاظ بمستوى زيت المحرك عند مستوى مناسب. افحص مستوى الزيت على فترات زمنية منتظمة، مثلاً عند كل توقف للتزود بالوقود. أفضل وقت لفحص مستوى زيت المحرك هو بعد خمس دقائق تقريباً من توقف عمل المحرك الذي وصل إلى درجة إجماء كاملة.

يمكن التحقق من مستوى الزيت بدقة أثناء قياس مستوى الزيت والسيارة متوقفة على سطح مستو. احتفظ دائماً بمستوى الزيت ضمن المنطقة الآمنة على عصا القياس. تؤدي إضافة كوارت واحد من الزيت عندما تكون القراءة في أسفل المنطقة الآمنة إلى ظهور القراءة في أعلى المنطقة الآمنة في هذه المحركات.

تنبيه!

وقد يترتب على زيادة مستوى زيت علبة المرافق أو انخفاضه إلى تشبع الزيت بالأكسجين أو فقدان ضغط الزيت. وقد يؤدي ذلك إلى تلف المحرك.

التحقق من مستوى الزيت - محرك ديزل 3.0

للتأكد من تشغيل محرك السيارة بشكل صحيح، يجب الاحتفاظ بمستوى زيت المحرك عند مستوى مناسب. افحص مستوى الزيت على فترات زمنية منتظمة. أفضل وقت لفحص مستوى زيت قبل بدء تشغيل المحرك بعد أن يكون قد تم إيقافه طوال الليل. عند فحص الزيت بعد تشغيل المحرك، تأكد أولاً من أن المحرك في درجة حرارة التشغيل الكامل، ثم انتظر لمدة خمس دقائق بعد إيقاف تشغيل المحرك لفحص مستوى الزيت.

ملاحظة:

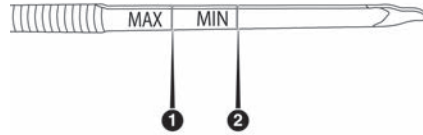
من المحتمل أن يكون مستوى الزيت أعلى قليلاً من الفحص السابق. ويرجع هذا إلى وقود الديزل الذي قد يكون في علبة المرافق بشكل مؤقت بسبب تشغيل إستراتيجية تجديد فلتر جزيئات الديزل. سيتبرخ هذا الوقود خلال التشغيل العادي.

يمنع منعاً باتاً تشغيل المحرك عندما يكون مستوى الزيت أقل من علامة "MIN" (الحد الأدنى) أو أعلى من علامة "MAX" (الحد الأقصى).

إضافة سائل الغاسلة

ستشير شاشة عرض مجموعة أجهزة القياس إلى انخفاض مستوى سائل الغاسلة. عند اكتشاف المستشعر انخفاضاً بمستوى السائل، يضيء الزجاج الأمامي على إطار الشكل الرسومي للسيارة 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. املاً الخزان بمذيب سائل غاسلة الزجاج الأمامي (ليس مانع تجمد الرادياتير). عند إعادة ملء خزان سائل الغاسلة، خذ جزءاً من سائل الغاسلة وضعه على قطعة قماش أو فوطية وامسح شفرات الماسحة لتحسين أداءها. لمنع تجمد نظام سائل غسيل الزجاج الأمامي في الطقس البارد، حدد محلولاً أو مزيجاً يطابق نطاق درجة الحرارة في منطقتك أو يزيد عنه. يمكن العثور على معلومات التصنيف هذه في معظم حاويات سائل الغاسلة.



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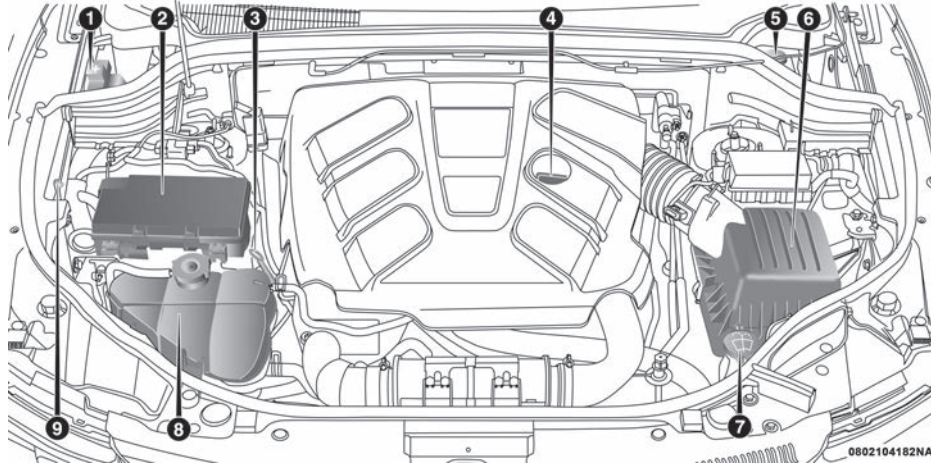
عصا قياس الزيت

- 1- علامة MAX (الحد الأقصى)
- 2- علامة MIN (الحد الأدنى)

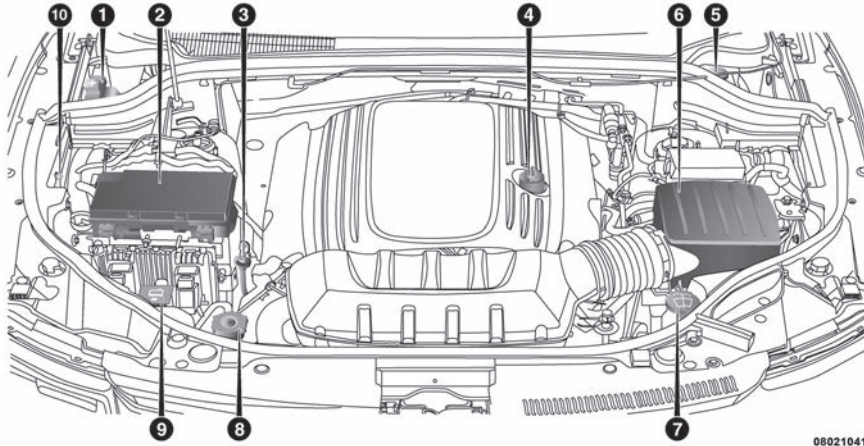
يمكن التحقق من مستوى الزيت بدقة أثناء قياس مستوى الزيت والسيارة متوقفة على سطح مستو. لا تضيف الزيت إلا عندما يكون مستوى الزيت على عصا القياس أقل من علامة "MIN" (الحد الأدنى). السعة الإجمالية بدءاً من علامة MIN (الحد الأدنى) إلى علامة MAX (الحد الأقصى) هي 1 لتر (1 كوارت).

تنبيه!

وقد يترتب على زيادة مستوى زيت علبة المرافق أو انخفاضه إلى تشبع الزيت بالأكسجين أو فقدان ضغط الزيت. وقد يؤدي ذلك إلى تلف المحرك.



- 1 - الطرف الموجب للبطارية المعززة لبدء التشغيل عن بُعد
2 - مركز توزيع الطاقة (المنصهرات)
3 - عصا قياس زيت المحرك
4 - تعبئة زيت المحرك
5 - خزان سائل الفرامل
6 - فلتر تنقية الهواء
7 - خزان سائل الغاسلة
8 - خزان ضغط سائل التبريد
9 - الطرف السالب للبطارية المعززة لبدء التشغيل عن بُعد

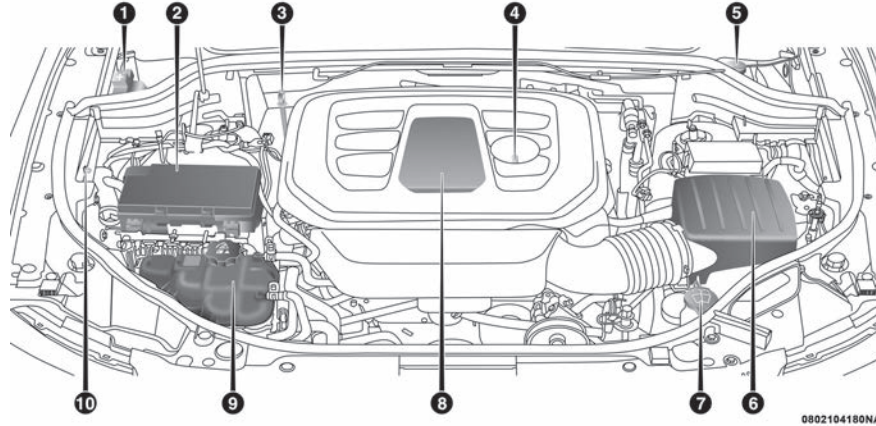


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- | | |
|--|---|
| 1 - الطرف الموجب للبطارية المعززة لبدء التشغيل عن بُعد | 6 - فلتر تنقية الهواء |
| 2 - مركز توزيع الطاقة (المنصهرات) | 7 - خزان سائل الغاسلة |
| 3 - عصا قياس زيت المحرك | 8 - غطاء ضغط سائل التبريد (الرادياتير) |
| 4 - تعبئة زيت المحرك | 9 - خزان سائل تبريد المحرك |
| 5 - خزان سائل الفرامل | 10 - الطرف السالب للبطارية المعززة لبدء التشغيل عن بُعد |

غرفة المحرك

محرك بسعة 3.6 لترات



1 - الطرف الموجب للبطارية المعززة لبدء التشغيل عن بُعد

2 - مركز توزيع الطاقة (المنصهرات)

3 - عصا قياس زيت المحرك

4 - تعبئة زيت المحرك

5 - خزان سائل الفرامل

6 - فلتر تنقية الهواء

7 - خزان سائل الغاسلة

8 - الوصول إلى فلتر زيت المحرك

9 - خزان سائل تبريد المحرك

10 - الطرف السالب للبطارية المعززة لبدء التشغيل عن بُعد

الخدمة الدورية

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- نظام التبريد ٢٩٨
- نظام الفرامل ٣٠١
- ناقل الحركة الأوتوماتيكي ٣٠٢
- سائل محور الدوران الأمامي/الخلفي ٣٠٣
- علبه النقل ٣٠٣
- رفع السيارة ٣٠٤
- الإطارات ٣٠٤
- الإطارات - معلومات عامة ٣٠٤
- أنواع الإطارات ٣٠٨
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- العناية بالعجلات وأغطيتها المركزية ٣١٠
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- توصيات بشأن تغيير مواقع الإطارات ٣١٢
- تخزين السيارة ٣١٢
- هيكل السيارة ٣١٢
- الحماية من العوامل الجوية ٣١٢
- صيانة الجزء السفلي من السيارة وهيكلها ٣١٣
- المحافظة على هيكل السيارة ٣١٣
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- المقاعد والأجزاء القماشية ٣١٤
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نظام الاستجابة للحوادث المحسن (EARS)

هذه السيارة مزودة بنظام الاستجابة للحوادث المحسن.

يُرجى مراجعة "أنظمة تثبيت الركاب" في قسم "السلامة" للحصول على مزيد من المعلومات حول وظيفة نظام الاستجابة للحوادث المحسن (EARS).

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.

يُرجى مراجعة "أنظمة تثبيت الركاب" في "السلامة" للحصول على مزيد من المعلومات حول جهاز تسجيل بيانات الحوادث (EDR).

خطاطيف السحب في حالات الطوارئ - إذا كانت السيارة مزودة بذلك

إذا كانت سيارتك مزودة بخطاطيف للسحب، فسوف يوجد منها خطاف في الخلف واثنين مركبين على مقدمة السيارة. ويقع الخطاف الخلفي في جانب السائق من السيارة.

ملاحظة:

يُنصح 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 بالغة أو الوفاة.
- قف بعيدًا عن السيارات عند السحب باستخدام خطافات السحب. قد تنفصل أشرطة السحب ما يتسبب في حدوث إصابة بالغة.

تنبيه!

تُستخدم خطافات السحب في حالات الطوارئ فقط لإنقاذ سيارة عالقة في طريق غير ممهد. لا تستخدم خطافات السحب لتوصيل شاحنة السحب أو للسحب على الطرق السريعة. فقد يؤدي ذلك إلى إتلاف سيارتك.

تحذير!

- قف بعيدًا عن السيارات عند السحب باستخدام حلقات السحب.
- لا تستخدم سلسلة مع حلقة السحب. فقد تنفصل السلاسل مما يتسبب في إصابة بالغة أو الوفاة.
- لا تستخدم شريط السحب مع حلقة السحب. قد تنكسر أشرطة السحب أو تنفصل مما يتسبب في حدوث إصابة خطيرة أو الوفاة.
- قد يترتب على استخدام حلقة السحب بشكل غير صحيح كسر المكونات مما يتسبب في حدوث إصابة خطيرة أو الوفاة.

تثبيت حلقة السحب الأمامية

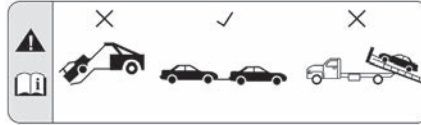
يوجد قابس حلقة السحب الأمامية خلف الباب في واجهة المصدر الأمامي.

لتركيب حلقة السحب، افتح الباب باستخدام مفتاح السيارة أو مفك براغي صغير، ثم أحكم تثبيت حلقة السحب في القابس.

أدخل الطرف المسطح من مقبض الرافعة من خلال حلقة السحب وأحكمه، راجع "رفع السيارة وتغيير الإطارات" في هذا القسم للحصول على مزيد من المعلومات. يجب تثبيت حلقة السحب بإحكام لتستقر تمامًا في كنفية الربط عبر واجهة المصدر الأمامية السفلية. إذا لم تستقر حلقة السحب تمامًا على كنفية الربط، فينبغي عدم تحريك السيارة.

تنبيه! (تابع)

- لا تستخدم حلقات السحب لربط شاحنة السحب أو للسحب على الطرق السريعة.
- لا تستخدم حلقة السحب لتحريك سيارة عالقة. راجع قسم "تحريك سيارة عالقة" للحصول على مزيد من المعلومات.
- الرجاء مراجعة قسم "سحب سيارة معطلة" للحصول على تعليمات مفصلة. قد يحدث تلف بالسيارة في حالة عدم اتباع هذه الإرشادات.



0614050352

ملصق تحذير حلقة السحب

استخدام حلقة السحب — إذا كانت السيارة مزودة بذلك سيارتك مزودة بحلقة سحب يمكن استخدامها لنقل سيارة معطلة.

عند استخدام حلقة سحب، تأكد من اتباع التعليمات الواردة في "احتياطات استخدام حلقة السحب" و "سحب سيارة معطلة" في هذا القسم.



03121058905

حلقة السحب

احتياطات استخدام حلقة السحب

تنبيه!

- يجب عدم استخدام حلقة السحب إلا لحالات الطوارئ بجانب الطريق. يجب استخدامها مع جهاز مناسب فقط وفقًا لقانون الطرق السريعة (قضيب أو حبل قوي) لتحريك السيارة استعدادًا لنقلها من خلال شاحنة سحب.
- يجب عدم استخدام حلقة السحب لتحريك السيارة بعيدًا عن الطريق أو في حالة وجود عقبات.

(تابع)

دون استخدام حافظه المفاتيح

يجب توخي الحذر عند سحب السيارة مع وجود مفتاح التشغيل في وضع LOCK/OFF (القفل/إيقاف التشغيل). الطريقة الوحيدة المعتمدة لسحب السيارة من دون استخدام حافظه المفاتيح تتم بواسطة شاحنة ذات سطح مفتوح. يلزم استخدام مُدة السحب المناسبة لمنع حدوث تلف بالسيارة.

طُرز الدفع الثنائي

تنصح الجهة المُصنّعة بسحب السيارة مع رفع جميع العجلات الأربعة عن الأرض باستخدام شاحنة مسطحة.

وإذا لم تتوفر شاحنة مسطحة، وكان ناقل الحركة يعمل، فيمكن سحب السيارة (مع وجود العجلات الخلفية على الأرض) في ظل الظروف التالية:

- يجب أن يكون ناقل الحركة في وضع NEUTRAL (اللاتعشيق). راجع "تحرير التوقف اليدوي" في هذا القسم للحصول على تعليمات حول إخراج ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) عند إيقاف تشغيل المحرك.
- يجب أن لا تتجاوز سرعة السحب 48 كم/ساعة (30 ميلا/الساعة).
- يجب ألا تتجاوز مسافة السحب 30 ميلا (48 كم).

إذا لم يكن ناقل الحركة يعمل، أو كان يجب سحب السيارة بسرعة أعلى من 30 ميلا/الساعة (48 كم/ساعة) أو لمسافة أبعد من 30 ميلا (48 كم)، فاسحب السيارة والعجلات الخلفية مرفوعة عن الأرض. والطرق المقبولة هي سحب السيارة على شاحنة مسطحة، أو والعجلات الأمامية مرفوعة والعجلات الخلفية مرفوعة 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.

تنبيه!

- يؤدي سحب السيارة بسرعة أعلى من 48 كم/ساعة (30 ميلا/الساعة) أو لمسافة أكثر من 48 كم (30 ميلا) مع نزول العجلات الخلفية على الأرض إلى حدوث تلف بالغ في ناقل الحركة. ولا يغطي ضمان السيارة الجديدة التلف الناتج عن جرها بشكل غير سليم.

طُرز الدفع الرباعي

تنصح الجهة المُصنّعة 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.

وإذا لم تتوفر شاحنة سحب مسطحة، وكانت علبه النقل تعمل، فيمكن سحب السيارات المزودة بعلبة نقل ذات سرعات مزدوجة (في الاتجاه الأمامي مع وجود جميع العجلات على الأرض)، إذا كانت علبه النقل في وضع NEUTRAL (اللاتعشيق) وكان ناقل الحركة في وضع PARK (التوقف). راجع "الجر من أجل الاستجمام" في "البدء والتشغيل" لمزيد من الإرشادات التفصيلية.

لا تحتوي السيارات المزودة بعلبة نقل ذات سرعات فردية على وضع NEUTRAL (اللاتعشيق) لذا يجب أن تكون جميع العجلات مرفوعة عن الأرض عند سحبها.

تنبيه!

- يجب عدم استخدام رافعات العجلة الأمامية أو الخلفية (إذا كانت العجلات المتبقية لا تزال على الأرض). سيحدث تلف داخلي في ناقل الحركة أو علبه النقل في حالة استخدام رافعة عجلة أمامية أو خلفية أثناء السحب.
- يمكن أن ينجم عن مخالفة المتطلبات المذكورة أعلاه لسحب هذه السيارة حدوث أضرار بالغة في ناقل الحركة و/أو علبه النقل. ولا يغطي ضمان السيارة الجديدة التلف الناتج عن جرها بشكل غير سليم.

ظروف السحب	العجلات مرفوعة عن الأرض	طرز الدفع الثنائي	طرز الدفع الرباعي بدون نطاق الدفع الرباعي المنخفض (4WD LOW)	طرز الدفع الرباعي مع نطاق الدفع الرباعي المنخفض (4WD LOW)
السحب المسطح	لا يوجد	إذا كان ناقل الحركة يعمل: <ul style="list-style-type: none"> • ناقل الحركة في وضع NEUTRAL (اللاتعشيق) • 48 كم/ساعة (30 ميلا/ساعة) • الحد الأقصى للسرعة • مسافة 30 ميلا (48 كم) بحد أقصى 	غير مسموح	راجع التعليمات <ul style="list-style-type: none"> • ناقل الحركة في وضع PARK (التوقف) • علبية النقل في وضع NEUTRAL (اللاتعشيق) • السحب باتجاه أمامي • مفتاح التشغيل في وضع ACC (الملحقات) أو وضع ON/RUN (التشغيل/الانطلاق) (أو افصل كابل البطارية السالب)
رفع العجلات أو دلية سحب	المقدمة		غير مسموح	غير مسموح
	المؤخرة	موافق	غير مسموح	غير مسموح
على المقطورة	ALL (الكل)	الطريقة المثلى	موافق	الطريقة المثلى

أجهزة السحب أو الرفع الصحيحة مطلوبة لمنع تلف السيارة. استخدم فقط قضبان السحب والمعدات الأخرى المصممة لهذا الغرض متبعًا تعليمات الجهة المُصنِّعة للمعدات. يعتبر استخدام سلاسل السلامة إلزاميًا. قم بتوصيل قضيب السحب أو جهاز سحب آخر بالأجزاء الهيكلية الرئيسية للسيارة - وليس بالمصدات أو السندات المتصلة بها. يجب مراعاة قوانين الولاية والقوانين المحلية التي تنطبق على السيارات الجاري سحبها.

إذا كان عليك استخدام الملحقات (الماسحات أو أدوات إزالة الصقيع، إلخ)، أثناء السحب، فيجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق)، وليس في وضع ACC (وحدة التحكم في السرعة الثابتة المهائية).

في حالة فراغ بطارية السيارة من الشحن، راجع "تحرير التوقف اليدوي" في هذا القسم للتعرف الإرشادات حول إخراج ناقل الحركة الأوتوماتيكي من PARK (التوقف) للسحب.

تنبيه!

- لا تستخدم مُعدة قطر مزودة بقاطرة عند سحب السيارة. فقد يحدث تلف بالسيارة.

(تابع)

تنبيه! (تابع)

- عند وضع السيارة على سطح شاحنة نقل؛ لا تربطها من مكونات التعليق الأمامية أو الخلفية. حيث قد يترتب على قطر سيارتك بطريقة خاطئة حدوث تلفيات في السيارة.
- إذا احتاجت السيارة التي يتم سحبها إلى توجيه عن طريق عجلة القيادة، فيجب أن يكون مفتاح التشغيل في وضع ACC (الملحقات) أو وضع ON/RUN (التشغيل/الانطلاق) وليس في وضع LOCK/OFF (القفل/إيقاف التشغيل).

ملاحظة:

يمكن فقط تحقيق الانتقال بين وضع DRIVE (القيادة) و REVERSE (الرجوع للخلف) عندما تكون سرعات العجلات 5 أميال/الساعة (8 كم/ساعة) أو أقل. عندما يكون ناقل الحركة في وضع NEUTRAL (اللاتعشيق) لمدة تزيد عن ثانيتين، يجب أن تضغط على دواسة الفرامل للدخول إلى وضع DRIVE (القيادة) أو REVERSE (الرجوع للخلف).

إن الضغط على دواسة الوقود قليلاً سيحافظ على تأثير الحركة الاهتزازية دون التدوير السريع للعجلات أو تسريع المحرك.

ملاحظة:

اضغط على مفتاح "ESC Off" (إيقاف نظام التحكم في الاستقرار الإلكتروني)، لوضع نظام التحكم في الاستقرار الإلكتروني (ESC) في وضع "Partial Off" (الإيقاف الجزئي)، قبل أرجحة السيارة. راجع "الضبط الإلكتروني للفرامل" ضمن "السلامة" للحصول على مزيد من المعلومات. بمجرد تحرير السيارة، اضغط على مفتاح "ESC Off" (إيقاف نظام التحكم في الاستقرار الإلكتروني) مرة أخرى لاستعادة وضع "ESC On" (تشغيل نظام التحكم في الاستقرار الإلكتروني).

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 ميلًا/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 التبدل بين ترسي DRIVE (القيادة) و REVERSE (الرجوع للخلف)، لا تجعل العجلات تدور بسرعة أكبر من 24 كم/ساعة (15 ميلًا/ساعة) حتى لا يتسبب ذلك في تلف مجموعة الدفع والحركة.

(تابع)

تنبيه! (تابع)

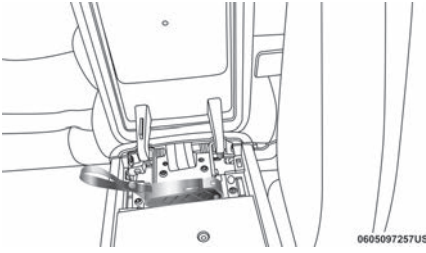
• قد يترتب على زيادة سرعة المحرك أو تدوير العجلات بسرعة كبيرة إلى ارتفاع درجة حرارة محور النقل أو تعطله. وقد يؤدي ذلك أيضًا إلى تلف الإطارات. لا تقم بتدوير العجلات بسرعة تزيد على 48 كم/ساعة (30 ميلًا/ساعة) أثناء القيادة في ترس (لا يحدث نقل في سرعة ناقل الحركة).

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 السيارات المعطلة كما هو موضح في "الجر من أجل الاستجمام" في القسم "البدء والتشغيل".

ملاحظة:

يجب وضع السيارات المزودة بنظام Quadra-Lift في وضع Transport (النقل) قبل سحبها (من الهيكل) على مقطورة أو شاحنة ذات سطح مفتوح. راجع القسم الخاص بميزة Quadra-Lift للحصول على مزيد من المعلومات. إذا تعذر وضع السيارة في وضع Transport (النقل) (على سبيل المثال، لا يعمل المحرك)، فيجب تثبيت الأربطة فوق الإطارات باستخدام شبيكات مخصصة لربط الإطار. قد يؤدي عدم اتباع هذه التعليمات إلى ضبط رموز خاطئة و/أو فقدان قوة التثبيت.



وضع التخزين

0605097257US

ملاحظة:

تأكد من وضع الغطاء بثنبيته مرة أخرى في مكانه.

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. ثم قم بالتبديل للخلف والأمام بين DRIVE (القيادة) و REVERSE (الرجوع للخلف) مع الضغط برفق على دواسة الوقود.

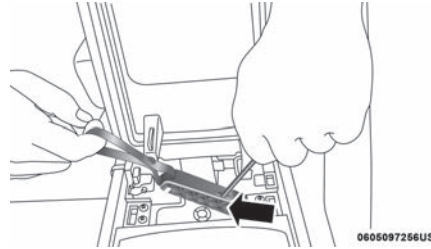
تنبيه!
قد يتسبب إغلاق مسند الذراع أثناء تنشيط تحرير التوقف اليدوي في تلف آلية تحرير التوقف اليدوي و/أو ناقل الحركة و/أو مسند الذراع.

ملاحظة:

لتفادي انزلاق السيارة دون قصد، قم بتعشيق فرامل التوقف بإحكام.

لإلغاء تعشيق ذراع تحرير التوقف اليدوي:

1. لإلغاء تعشيق ذراع تحرير التوقف اليدوي، استخدم بعض الضغط لأعلى أثناء الضغط على مزلاج التحرير في اتجاه شريط التطويل لإلغاء قفل الذراع.

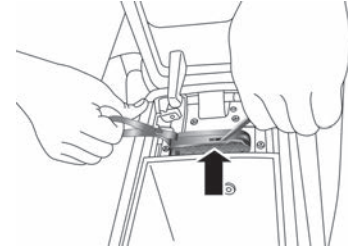


مزلاج التحرير

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2. بمجرد تحرير الضغط وإلغاء قفل الذراع، تأكد من تخزينه بصورة صحيحة وقله في موضعه.

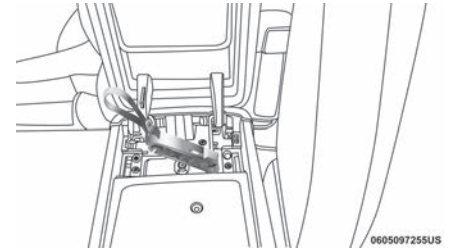
4. باستخدام مفك براغي أو أداة مشابهة، اضغط على المزلاج المعدني للداخل باتجاه شريط التطويل.



مزلاج التحرير

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5. عندما يكون المزلاج المعدني في وضع الفتح، قم بسحب شريط التطويل لأعلى حتى يصدر الذراع صوت طقطقة ويثبت في وضع التحرير. يمكن الآن نقل ناقل الحركة إلى خارج وضع PARK (التوقف) وتحريك السيارة.



وضع التحرير

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ملاحظة:

هناك خطوات يمكن اتباعها لتقليل ارتفاع حرارة المحرك الشوك:

- إذا كان مكيف الهواء لديك قيد التشغيل، فأوقف تشغيله. وذلك لأن نظام مكيف الهواء يُضيف حرارة إلى نظام تبريد المحرك ويساعد إطفاء مكيف الهواء في إزالة هذه الحرارة المضافة.
- بإمكانك أيضًا وضع مفتاح التحكم في درجة الحرارة في وضع الحرارة القصوى ووضع مفتاح التحكم بمنافذ الهواء في وضع المنافذ الأرضية ومفتاح التحكم في المروحة في وضع عال. إن ذلك يتيح لجهاز التفتنة العمل كمساعد للرادياتير للتخلص من الحرارة في نظام تبريد المحرك.

تحذير!

قد تتعرض أنت أو الآخرين لخطر الاحتراق بواسطة سائل تبريد المحرك (مانع التجمد) 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 زجاجة سائل التبريد ساخنين.

تنبيه!

قد تؤدي قيادة السيارة عندما يكون نظام تبريد المحرك ساخنًا إلى تلف السيارة. إذا كان جهاز قياس درجة الحرارة في وضع الحرارة العالية (H)، فيجب التنحي بالسيارة إلى جانب الطريق وإيقاف السيارة. أوقف السيارة وأوقف تشغيل جهاز مكيف الهواء حتى يهبط المؤشر إلى النطاق العادي. إذا بقي المؤشر في وضع الحرارة العالية (H) وسمعت طنينًا مستمرًا، فاطفئ المحرك فورًا واتصل بالصيانة.

تحرير التوقف اليدوي

تحذير!

قم بتأمين السيارة دومًا بتعشيق فرامل التوقف بالكامل قبل تنشيط تحرير التوقف يدويًا. بالإضافة إلى ذلك، يجب أن تكون جالسًا في مقعد السائق مع وضع قدمك على دواسة الفرامل بإحكام عند تنشيط نظام تحرير التوقف اليدوي. يسمح تنشيط تحرير التوقف يدويًا للسيارة بالتحرك إذا لم يتم تأمينها عن طريق استخدام فرامل التوقف أو عن طريق التوصليل الصحيح بسيارة السحب. قد يؤدي تنشيط تحرير التوقف اليدوي في السيارة غير محكمة التوصليل إلى حدوث إصابة بالغة أو وفاة من بداخل السيارة أو حولها.

لتحريك السيارة عندما لا يكون ناقل الحركة خارج وضع PARK (التوقف) (البطارية غير المشحونة مثلًا)، يتوافر تحرير التوقف اليدوي.

اتبع هذه الخطوات لاستخدام تحرير التوقف اليدوي:

1. أحكم تعشيق فرامل التوقف.
2. افتح الكونسول المركزي وحدد غطاء تحرير التوقف اليدوي، وأزله بإخراج الغطاء بعيدًا عن مفصلات الكونسول.



غطاء تحرير التوقف اليدوي

3. اضغط مع الاحتفاظ بالضغط القوي على دواسة الفرامل.

4. قم بتوصيل الطرف المقابل من كابل العبور السالب (-) بالقطب السالب (-) البعيد في السيارة التي تحتوي على بطارية مفرغة الشحن.

تحذير!

تجنب توصيل كابل العبور بالقطب السالب (-) للبطارية غير المشحونة. قد يؤدي حدوث شرارة كهربائية إلى انفجار البطارية وقد ينجم عن ذلك إصابة شخصية. استخدم نقطة التأسيس المعينة فقط، ولا تستخدم أية أجزاء معدنية عارية أخرى.

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 مفرغة الشحن.

تنبيه!

لا تقم بتشغيل محرك السيارة المعززة أعلى من 2000 دورة في الدقيقة لأنه لا يقدم أي فائدة للشحن، ويهدر الوقود، وقد يتسبب في حدوث تلف بمحرك السيارة المعززة.

6. بمجرد بدء تشغيل المحرك، قم بإزالة كابلات العبور بالترتيب العكسي:

فصل كابلات العبور

1. افصل الطرف السالب (-) لكابل العبور من القطب السالب (-) البعيد للسيارة 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 (+) البعيد من السيارة مفرغة الشحن.

5. أعد تركيب الغطاء الواقي فوق قطب البطارية الموجب (+) البعيد من السيارة مفرغة الشحن.

إذا تطلب الأمر تشغيل البطارية الضعيفة بتوصيلها بسيارة أخرى بشكل متكرر من أجل بدء تشغيل السيارة، فيجب فحص البطارية ونظام الشحن عند وكيل معتمد.

تنبيه!

تقوم الملحقات الموصلة بأخذ الطاقة الكهربائية بالسيارة بسحب الطاقة من بطارية السيارة، حتى عند عدم استخدامها (مثل الهواتف الخلوية وما إلى ذلك). وبالتالي، إذا تم توصيلها لفترات طويلة دون تشغيل

(تابع)

تنبيه! (تابع)

المحرك، فستؤدي إلى تفريغ شحنة البطارية بدرجة تؤدي إلى تقصير العمر الافتراضي للبطارية و/أو منع المحرك من بدء التشغيل.

التزويد بالوقود في حالات الطوارئ

يوجد القمع الخاص بنظام ملء الوقود دون غطاء في منطقة تخزين الإطار الاحتياطي. في حالة نفاذ الوقود من السيارة والحاجة إلى وقود إضافي، أدخل القمع في فوهة تعبئة الوقود وتابع ملء السيارة بالوقود.

للحصول على مزيد من المعلومات حول نظام ملء الوقود دون غطاء، راجع "تزويد السيارة بالوقود" في "البدء والتشغيل".

في حالة ارتفاع درجة حرارة المحرك بشكل زائد عن الحد

في أي من الحالات التالية يمكنك تقليل إمكانية ارتفاع درجة حرارة المحرك باتباع خطوات وقائية مناسبة.

- في الطرق السريعة - قلل السرعة.
- داخل المدينة - عند التوقف، ضع ناقل الحركة في وضع NEUTRAL (اللاتعشيق) ولكن لا تزد من سرعة تباطؤ المحرك أثناء منع السيارة من الحركة باستخدام الفرامل.

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 العبور إلى القطب الموجب (+) البعيد من السيارة مفرغة الشحن.
2. قم بتوصيل الطرف المقابل لكابل العبور الموجب (+) بالقطب الموجب (+) للبطارية المعززة.
3. قم بتوصيل الطرف السالب (-) من كابل العبور بالقطب السالب (-) للبطارية المعززة.

ملاحظة:

تأكد من عدم ملامسة نهايات الكابل المفصول بعضها البعض، أو ملامستها للسيارة، حتى يتم توصيلها بطريقة صحيحة من أجل التشغيل عن طريق التوصيل ببطارية أخرى.

1. اضغط على فرامل التوقف، وقم بتبديل ناقل الحركة الأوتوماتيكي إلى وضع PARK (التوقف)، ثم أدر مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

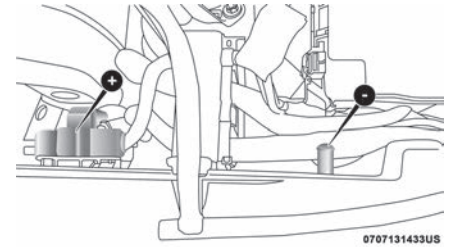
2. أوقف تشغيل جهاز التدفئة والراديو وجميع الملحقات الكهربائية غير الضرورية.

3. قم بإزالة الغطاء الواقي الموجود فوق قطب البطارية الموجب (+) البعيد. اسحب الغطاء لأعلى لإزالته.

4. 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 إصابة شخصية.



مواقع بدء التشغيل بالتوصيل ببطارية أخرى

(+) — القطب الموجب البعيد (مغطى بغطاء واق)

(-) — القطب السالب البعيد

تحذير!

- احرص على الابتعاد عن مروحة التبريد الموجودة في الرادياتير أثناء رفع غطاء المحرك. فقد تبدأ في العمل في أي وقت طالما كان مفتاح التشغيل مضبوطاً على وضع ON (التشغيل). قد تتعرض للإصابة عند تحريك شفرات المروحة.
- لا ترتد أية مجوهرات معدنية مثل سلاسل الخواتم والساعات والأساور، والتي قد تؤدي إلى حدوث تلامس كهربائي غير مقصود. قد تتعرض لإصابة بالغة.
- 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.



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ملصق تحذير الإطار الاحتياطي

ملاحظة:

لا تقد السيارة مع تركيب الإطار الاحتياطي لأكثر من 80 كم (50 ميلاً) بعد أقصى للسرعة يبلغ 80 كم/ساعة (50 ميلاً/الساعة).

تحذير!

قد يترتب على اندفاع الإطار أو الرافعة غير المثبتة بإحكام داخل السيارة عند التعرض لحادث تصادم 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.

تركيب إطار الطريق

1. قم بتركيب إطار الطريق على المحور.

2. قم بتركيب صواميل العجلات المتبقية مع توجيه الطرف مخروطي الشكل من الصواميل ناحية العجلة. أحكم ربط الصواميل قليلًا.

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.

3. اخفض السيارة بواسطة لف برغي الرافعة عكس عقارب الساعة.

4. راجع "مواصفات العزم" ضمن "المواصفات الفنية" لمعرفة العزم المناسب لصامولة العجلة.

5. 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.

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 يرجى اتباع الإجراءات الواردة في هذا القسم بعناية تامة.

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 بدء التشغيل أو مولد التيار المتردد أو النظام الكهربائي.

ملاحظة:

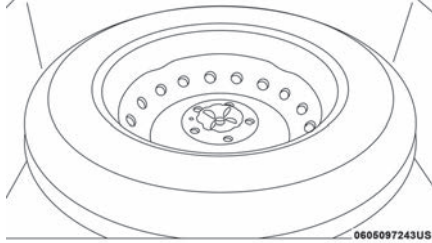
وعند استخدام حزمة محمولة لتعزيز البطارية، اتبع الاحتياطات وإرشادات التشغيل الخاصة بالجهة المصنعة.

التحذيرات لتشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية معززة

تقع بطارية السيارة أسفل مقعد الراكب الأمامي. هناك أطراف بعيدة موجودة أسفل غطاء المحرك للمساعدة في بدء التشغيل بالتوصيل ببطارية أخرى.

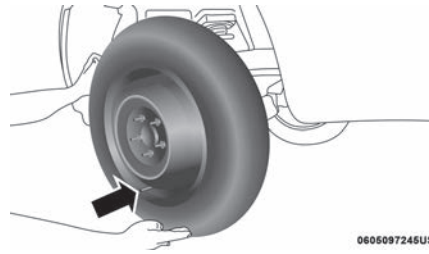
11. اخفض الرافعة حتى وضع الإغلاق الكامل وقم بإعادتها مع الأدوات إلى المواضع الملائمة في حاوية الفوم.

12. قم بإزالة الغطاء الأوسط الصغير وتخزين عجلة الطريق بأمان في منطقة الحمولة.



الإطار الاحتياطي المغزن

13. قم بإصلاح عجلة الطريق المصنوعة من الألمنيوم والإطار بأسرع ما يمكن، وقم بتأمين الإطار الاحتياطي بالصامولة الجناحية الخاصة المربوطة بعزم 5 نيوتن·متر (3.7 قدم-رطل)، وقم بإعادة تركيب علبه رغبة الرافعة وعدة الأدوات، واقفل غطاء أرضية الحمولة الخلفي.



تركيب الإطار الاحتياطي

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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.

9. أنزل السيارة بإدارة دناد برغي الرافعة في اتجاه عكس عقارب الساعة، وارف الرافعة وحواجز العجلات.

10. قم بإتمام إحكام صواميل غطاء العجلة. اضغط على مفتاح الربط للأسفل بينما تتم زيادة الرفع عند طرف المقبض. أحكم ربط صواميل العجلات على شكل نجمة بحيث يتم إحكام ربط كل صامولة مرتين. لمعرفة العزم الصحيح لربط صامولة العجلة راجع "مواصفات العزم" في "المواصفات الفنية". إذا لم تكن متأكدًا من إحكام الربط الصحيح، فيمكنك التحقق باستخدام مفتاح ربط ذي قوة عزم بواسطة الوكيل المعتمد أو في محطة الصيانة.

6. ارفع السيارة بواسطة لف برغي الرافعة في اتجاه 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 سلبياً على استقرار السيارة. فقد تنزلق السيارة من فوق الرافعة فجأة وتسبب من يقف بجوارها. ارفع السيارة بما يكفي فقط لفك الإطار.

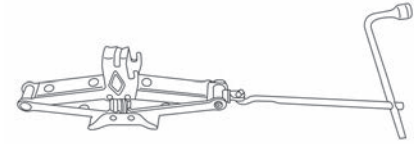
7. قم بفك الصواميل والعجلة.

8. 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!

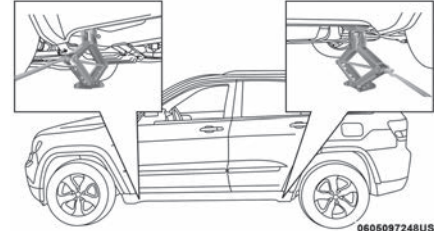
تأكد من تركيب الإطار الاحتياطي وعمود الصمام مواجه للخارج. قد يلحق التلف بالسيارة في حالة تركيب الإطار الاحتياطي القابل للنفخ بطريقة غير صحيحة.

3. قم بتركيب الرافعة وأدوات الرفع.



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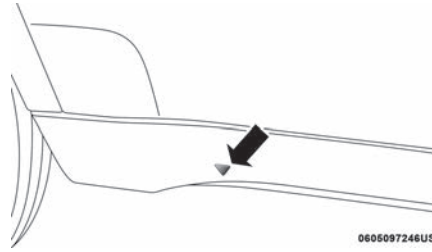
مجموعة الرافعة والأدوات



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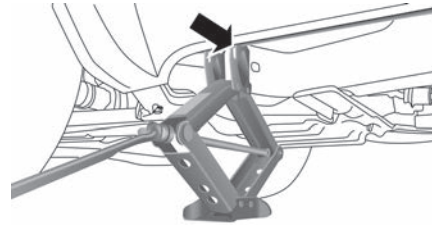
مواقع الرفع

4. بالنسبة للمحور الأمامي، ضع الرافعة على حافة الهيكل خلف الإطار الأمامي مباشرة كما هو موضح من خلال رمز نقطة الرفع المثلثة على قالب عتبة الباب. لا ترفع السيارة حتى تتأكد من أن الرافعة مثبتة تمامًا.



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رمز نقطة الرفع على قالب عتبة الباب



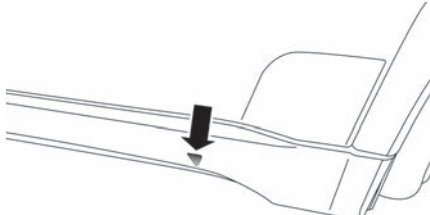
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موقع الرفع الأمامي

5. بالنسبة للإطار الخلفي، ضع الرافعة في الفتحة الموجودة على كتيفة التثبيت الخلفية، أمام الإطار الخلفي مباشرة (كما هو موضح من خلال رمز نقطة الرفع المثلثة على قالب عتبة الباب). لا ترفع السيارة حتى تتأكد من أن الرافعة مثبتة تمامًا.

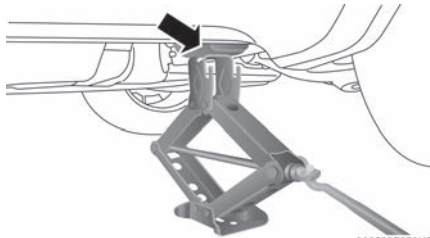
تنبيه!

لا ترفع السيارة بواسطة قالب العتبة الجانبية للهيكل. تأكد من وضع الرافعة في موقع التركيب الصحيح على الجزء الداخلي من اللوحة. فقد يحدث تلف للسيارة إذا لم تتبع الإجراء بشكل صحيح.



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رمز نقطة الرفع على قالب عتبة الباب



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موقع الرفع الخلفي

تعليمات الرفع

تحذير!

لا تحاول تغيير الإطار في الجانب القريب من حركة المرور. أوقف سيارتك بعيدًا عن الطريق لكي تتفادى التعرض للدهس عند استخدامك للرافعة أو أثناء تغيير العجلة.

2. شغل وامضات التحذير من الخطر.

3. اضغط على فرامل التوقف.

4. ضع محدد التروس في وضع PARK (التوقف).

5. أدر مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

6. ضع حواجز أمام مقدمة ومؤخرة العجلة المقابلة لموضع الرفع. مثلًا إذا أردت تغيير الإطار الأمامي الأيمن ضع الحواجز أمام العجلة الخلفية اليسرى.



ملاحظة:

يجب خروج الركاب من السيارة عند رفعها.

7. بالنسبة للسيارات المزودة بنظام Quadra-Lift، راجع "ميزة Quadra-Lift - إذا كانت السيارة مزودة بذلك" في "البداة والتشغيل" للحصول على مزيد من المعلومات حول تعطيل ضبط المستوى الأوتوماتيكي.

تحذير! (تابع)

• للتأكد من تخزين الإطارات الاحتياطية الفارغة من الهواء أو المنتفخة بشكل محكم، يجب تخزين الإطارات الاحتياطية بحيث يتجه عمود الصمام إلى الأرض.



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ملصق تحذير الرافعة

تنبيه!

لا تحاول رفع السيارة بوضع الرافعة في مواقع غير تلك الموضحة في تعليمات وضع الرافعة لهذه السيارة.

1. أخرج الإطار الاحتياطي والرافعة والأدوات من موضع التخزين.

2. قم بفك صواميل لوحات تثبيت العجلة بواسطة لفها جهة اليسار بمقدار لفة واحدة (ولكن من دون فكها تمامًا) أثناء وجود العجلة على الأرض قبل رفعها.

ملاحظة:

يوجد القمع الخاص بنظام ملء الوقود دون غطاء الجزء العلوي من الإطار الاحتياطي. في حالة نفاذ الوقود من السيارة والحاجة إلى وقود إضافي، أدخل القمع في فوهة تعبئة الوقود وتابع ملء السيارة بالوقود. بالنسبة للسيارات غير المزودة بميزة إطار احتياطي، يتم تخزين قمع تعبئة الوقود في علبة التخزين اليسرى أسفل أرضية التحميل. للحصول على مزيد من المعلومات حول نظام ملء الوقود من دون غطاء، راجع "تزويد السيارة بالوقود" في "البدء والتشغيل".

تخزين الإطار الاحتياطي

الإطار الاحتياطي مخزن أسفل أرضية التحميل في منطقة الحمولة الخلفية ومؤمن في الجسم بصامولة جناحية خاصة.

التحضير لرفع السيارة

تنبيه!

قم دومًا برفع السيارة من نقاط الرفع الصحيحة. حيث إن عدم مراعاة اتباع هذه المعلومات قد يتسبب في تلف السيارة أو مكونات الجزء السفلي من جسم السيارة .

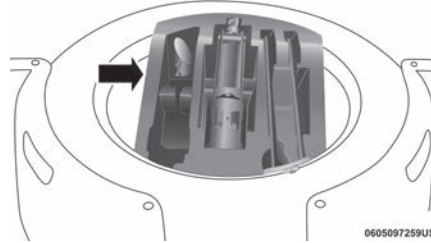
1. أوقف السيارة على سطح مستو صلب. تجنب الأسطح المغطاة بالجليد أو الزلقة.

تحذير! (تابع)

- يعد وجودك أسفل إحدى السيارات المرفوعة بواسطة رافعة شيئًا خطيرًا حَقًا. 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.
- لا تشرع في تشغيل السيارة أو تدوير المحرك أثناء وجود السيارة على الرافعة.
- لقد تم تصميم الرافعة للاستخدام كأداة لتغيير الإطارات فقط. ويجب عدم استخدامها لرفع السيارة للقيام بخدمات الصيانة. يجب رفع السيارة على سطح ثابت ومستو. تجنب الأسطح المغطاة بالجليد أو الزلقة.

موقع الرافعة

توجد الرافعة المقصية وأدوات تغيير الإطار في منطقة الحمولة الخلفية أسفل أرضية الحمولة.



موقع تخزين الرافعة

تنبيه!

- عند تركيب غطاء مركز توزيع الطاقة، يلزم التأكد من وضع الغطاء بطريقة صحيحة، والتأكد أيضًا من غلقه بإحكام. حيث إن عدم إجراء ذلك قد يسمح بدخول الماء إلى مركز توزيع الطاقة مما يؤدي إلى تعطل النظام الكهربائي.
- عند استبدال منصهر محترق، يلزم استخدام منصهر يتمتع بمعدل الأمبير المناسب. كما أن استخدام أي منصهر بمعدل يختلف عن ذلك المعدل الموضح قد يؤدي حدوث تحميل خطير في النظام الكهربائي. وفي حالة استمرار احتراق المنصهرات التي يتم تركيبها، فإن ذلك يدل على وجود مشكلة في الدائرة يلزم علاجها.

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 استخدامك للرافعة أو أثناء تغيير الإطار.

(تابع)

الوصف	المنصهر الصغير	المنصهر الكبير	الفجوة
مجموعة لوحة أجهزة القياس/ITBM/SGW - إذا كانت السيارة مزودة بذلك	15 أمبير أزرق	-	F88
مأخذ الطاقة (المقاعد الخلفية) القابل للتحديد	20 أمبير أصفر	-	F90/F91
لمبة الكونسول الخلفي - إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F92
ولاعة السجائر	20 أمبير أصفر	-	F93
ناقل الحركة/وحدة علبه النقل	10 أمبير أحمر	-	F94
الكاميرا الخلفية / مستشعر النقاط الخفية - إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F95
مفتاح جهاز تدفئة المقعد الخلفي/شاحن مصباح الوميض - إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F96
المقاعد الخلفية المسخنة وعجلة القيادة المسخنة - إذا كانت السيارة مزودة بذلك	20 أمبير أصفر	-	F97
المقاعد الأمامية المسخنة/المزودة بفتحات تهوية - إذا كانت السيارة مزودة بذلك	20 أمبير أصفر	-	F98
التحكم في درجة الحرارة/وحدة أنظمة مساعدة السائق/HALF/مساعد التوقف	10 أمبير أحمر	-	F99
التخميد النشط - إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F100
مستشعر درجة الحرارة داخل السيارة/مستشعر الرطوبة	15 أمبير أزرق	-	F101
الإطار الاحتياطي	15 أمبير أزرق	-	F102
جهاز تدفئة المقصورة (محرك الديزل فقط)/التسخين والتهوية ومكيف الهواء (HVAC)	10 أمبير أحمر	-	F103
مأخذ الطاقة (لوحة أجهزة قياس/الكونسول المركزي/الحمولة الخلفية - إذا كانت السيارة مزودة بذلك)	20 أمبير أصفر	-	F104

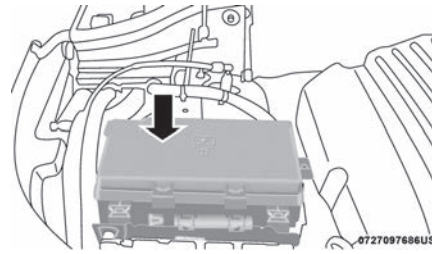
الوصف	المنصهر الصغير	المنصهر الكبير	الفجوة
موتور الماسحة الخلفية	20 أمبير أصفر	-	F68
تغذية الإضاءة الموضعية - إذا كانت السيارة مزودة بذلك	15 أمبير أزرق	-	F69
موتور مضخة الوقود	20 أمبير أصفر	-	F70
مضخم صوت/ANCM — إذا كانت السيارة مزودة بذلك	30 أمبير أخضر	-	F71
وحدة التحكم في المحرك (ECM)	10 أمبير أحمر	-	F72
المصابيح الأمامية شديدة التفريغ (HID) جهة اليمين - إذا كانت السيارة مزودة بذلك	15 أمبير أزرق	-	F73
التحكم بالبطارية المزدوج - إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F75
الفرامل المانعة للانغلاق/نظام التحكم في الاستقرار الإلكتروني	10 أمبير أحمر	-	F76
وحدة التحكم في مجموعة الدفع والحركة/وحدة فصل المحور الأمامي - إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F77
وحدة التحكم في المحرك/التوجيه المعزز كهربياً	10 أمبير أحمر	-	F78
جهاز فتح باب المرآب العام/وحدة مكافحة التسلل — إذا كانت السيارة مزودة بذلك/صافرة الإنذار — إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F80
مصابيح الانعطاف لليمين/التوقف عند سحب المقطورة — إذا كانت السيارة مزودة بذلك	20 أمبير أصفر	-	F81
وحدة التحكم في عمود التوجيه/التحكم في ثبات السرعة/DTV — إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F82
باب الوقود	10 أمبير أحمر	-	F83
مجموعة أجهزة القياس	15 أمبير أزرق	-	F84
وحدة الوسادة الهوائية	10 أمبير أحمر	-	F85
وحدة الوسادة الهوائية	10 أمبير أحمر	-	F86
التعليق الهوائي - إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F87

الوصف	المنصهر الصغير	المنصهر الكبير	الفجوة
المنفذ التشخيصي	10 أمبير أحمر	-	F44
بوابة أمان الإنترنت	5 أمبير أسمر	-	F45
مجموعة أجهزة القياس الوسطى المدمجة/التحكم في درجة الحرارة	10 أمبير أحمر	-	F49
وحدة التحكم في التعليق الهوائي/القفل التفاضلي المنزلق - إذا كانت السيارة مزودة بذلك	20 أمبير أصفر	-	F50
نقطة تشغيل المفتاح (KIN)/موزع التردد اللاسلكي (RF HUB)/قفل عمود التوجيه - إذا كانت السيارة مزودة بذلك	15 أمبير أزرق	-	F51
سحب المقطورة - مصابيح الانعطاف الأيسر/التوقف - إذا كانت السيارة مزودة بذلك	20 أمبير أصفر	-	F53
المحتوى الإضافي (محرك الديزل فقط)	15 أمبير أزرق	-	F56
مستشعر أكسيد النيتروجين - إذا كانت السيارة مزودة بذلك	20 أمبير أصفر	-	F57
المصابيح الأمامية شديدة التفريغ (HID) جهة اليسار - إذا كانت السيارة مزودة بذلك	15 أمبير أزرق	-	F58
مضخة الطرد (محرك الديزل فقط)	10 أمبير أحمر	-	F59
وحدة التحكم في ناقل الحركة	15 أمبير أزرق	-	F60
مستشعر وحدة التحكم في ناقل الحركة/PM (محرك الديزل فقط)	10 أمبير أحمر	-	F61
قابض مكيف الهواء	10 أمبير أحمر	-	F62
ملفات الإشعال / مكثفات ملفات الإشعال / مشغل صمام المجرى القصير - إذا كانت السيارة مزودة (غاز) بمدفأة يوربا (ديزل)	20 أمبير أصفر	-	F63
حافنات الوقود/مجموعة الدفع والحركة	25 أمبير شفاف	-	F64
السقف المتحرك/مستشعر المطر/مرآة الرؤية الخلفية الداخلية/منفذ DSCR/DTV/USB - إذا كانت السيارة مزودة بذلك	10 أمبير أحمر	-	F66
منفذ USB/منفذ شحن USB	15 أمبير أزرق	-	F67

الوصف	المنصهر الصغير	المنصهر الكبير	الفجوة
غاسلة المصباح الأمامي - إذا كانت السيارة مزودة بذلك	-	30 أمبير وردي	F17
الملف اللولبي لمسند الرأس - إذا كانت السيارة مزودة بذلك	-	20 أمبير أزرق	F19
وحدة باب الراكب	-	30 أمبير وردي	F20
وحدة التحكم في المحرك	-	20 أمبير أزرق	F22
المصابيح الداخلية رقم 1	-	30 أمبير وردي	F23
وحدة باب السائق	-	30 أمبير وردي	F24
الماسحات الأمامية	-	30 أمبير وردي	F25
نظام الفرامل المانعة للانغلاق/وحدة التحكم في الاستقرار، ووحدة التحكم الإلكتروني، والصمامات	-	30 أمبير وردي	F26
مصابيح الرجوع للخلف عند سحب المقطورة - إذا كانت السيارة مزودة بذلك	-	20 أمبير أزرق	F28
مصابيح التوقف عند سحب المقطورة - إذا كانت السيارة مزودة بذلك	-	20 أمبير أزرق	F29
سحب المقطورة (قابس) / سحب المقطورة (الفرامل الإلكترونية المنفصلة) / سحب المقطورة (BUX) - إذا كانت السيارة مزودة بذلك	-	30 أمبير وردي	F30
وحدة التحكم في مجموعة الدفع	-	30 أمبير وردي	F32
التحكم في التروس التفاضلية المنزلقة - إذا كانت السيارة مزودة بذلك	-	30 أمبير وردي	F34
السقف المتحرك - إذا كانت السيارة مزودة بذلك	-	30 أمبير وردي	F35
مزيل الصقيع من النافذة الخلفية	-	30 أمبير وردي	F36
موتور المروحة الخلفية - إذا كانت السيارة مزودة بذلك	-	25 أمبير شفاف	F37
محول عامل بالطاقة بقدرة 230 فولط تيار متردد- إذا كانت السيارة مزودة بذلك	-	30 أمبير وردي	F38
باب المؤخرة العامل بالطاقة - إذا كانت السيارة مزودة بذلك	-	30 أمبير وردي	F39
ضبط أضواء النهار/المصابيح الأمامية	10 أمبير أحمر	-	F40
آلة التنبيه	20 أمبير أصفر	-	F42

منصهرات تحت غطاء المحرك

يوجد مركز توزيع الطاقة في غرفة المحرك بالقرب من البطارية. حيث يحتوي هذا المركز على المنصهرات الكبيرة والمنصهرات الصغيرة والمرحلات وقواطع الدائرة. قد يكون هناك وصف لكل منصهر ومكون مطبوعاً على الغطاء الداخلي، أو تتم طباعة رقم الفجوة لكل منصهر على الغطاء الداخلي المناظر للجدول التالي.



مركز توزيع الطاقة

الوصف	المنصهر الصغير	المنصهر الكبير	الفجوة
مروحة الرادياتير - إذا كانت السيارة مزودة بذلك	-	60 أمبير أصفر	F03
الضاغط الخاص بالتعليق الهوائي - إذا كانت السيارة مزودة بذلك	-	40 أمبير أخضر	F05
مضخة التحكم في نظام الفرامل المانعة للانغلاق/نظام التحكم في الاستقرار الإلكتروني	-	40 أمبير أخضر	F06
الملف اللولبي لجهاز بدء التشغيل	-	30 أمبير وردي	F07
جهاز تدفئة وقود الديزل (محرك الديزل فقط)/مضخة تفريغ الفرامل	-	30 أمبير وردي	F09
وحدة التحكم في البدن/الإضاءة الخارجية رقم 2	-	40 أمبير أخضر	F10
فرامل سحب المقطورة الكهربائية - إذا كانت السيارة مزودة بذلك	-	30 أمبير وردي	F11
وحدة التحكم في البدن رقم 3/الأقفال العاملة بالطاقة	-	40 أمبير أخضر	F12
موتور المروحة الأمامية	-	40 أمبير أخضر	F13
وحدة التحكم في البدن رقم 4/الإضاءة الخارجية رقم 1	-	40 أمبير أخضر	F14
مضخة تبريد المحرك للرادياتير ذي درجة الحرارة المنخفضة (LTR) — إذا كانت السيارة مزودة بذلك	-	40 أمبير أخضر	F15

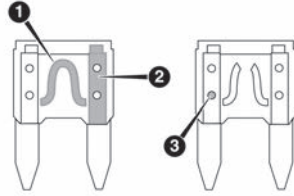
المنصهرات

معلومات عامة

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.

كما يُرجى الانتباه إلى أن استخدام مأخذ الطاقة لفترات طويلة مع توقف المحرك قد يؤدي إلى تفريغ بطارية السيارة.



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منصهرات الشفرات

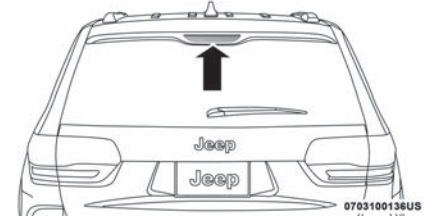
1 — عنصر المنصهر

2 - منصهر ذو شفرة مع عنصر منصهر بحالة جيدة/يعمل.

3 — منصهر ذو شفرة مع عنصر منصهر لا يعمل / بحالة رديئة (منصهر محترق).

مصباح التوقف المركزي العلوي (CHMSL)

مصباح التوقف المركزي العلوي هو عبارة عن مصباح LED. الصيانة لدى الوكيل المعتمد.



مصباح التوقف المركزي العلوي

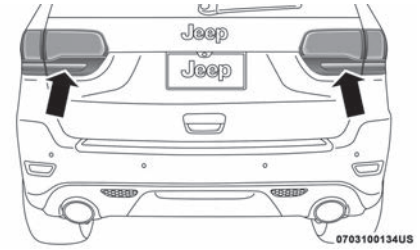
المصباح الخلفي للوحة رقم السيارة

مصابيح لوحة أرقام السيارة الخلفية هي مصابيح LED. راجع الوكيل المعتمد لديك للحصول على معلومات حول الصيانة.

تحذير!

- عند استبدال منصهر محترق، استخدم دائمًا منصهرًا بديلًا مناسبًا بنفس معدل أمبير المنصهر الأصلي. لا تستبدل منصهرًا بأخر بمعدل أمبير أعلى. 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.

المصباح الخلفي لباب المؤخرة

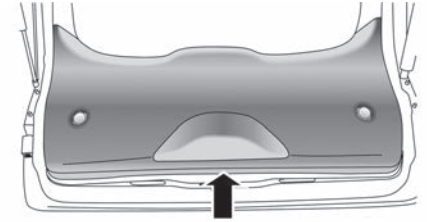


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مصباح باب المؤخرة الخلفية

1. ارفع باب المؤخرة.

2. استخدم أداة مناسبة لفصل الكسوة السفلية عن باب المؤخرة.



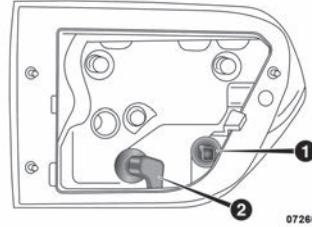
0703104060NA

الكسوة السفلية لباب المؤخرة

3. استمر في إزالة الكسوة.

4. افصل مصباحي لوحة الكسوة.

5. يمكن الآن رؤية مصابيح المؤخرة. قم بتدوير المقبس (المقابس) عكس اتجاه عقارب الساعة.



0726098528US

الجزء الخلفي من المصباح الخلفي لباب المؤخرة

1 — موصل المؤخرة المزود بمصباح LED الإضافي - لا تقم بإزالتها

2 — مقبس لمبة الرجوع للخلف

6. قم بإزالة/استبدال اللمبة (اللمبات).

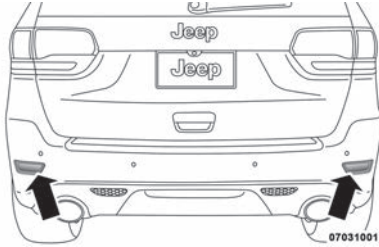
7. أعد تركيب المقبس (المقابس).

8. اعكس الإجراء لإعادة تركيب كسوة باب المؤخرة.

مصباح الضباب باللوحة الخلفية

1. باستخدام عصا من الفير أو مفك براغي له شفرة مسطحة، افصل برفق بين الحافة الداخلية للمصباح وبين اللوحة.

2. قم بإزالة المصباح من فتحة اللوحة.



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مصباح الضباب الخلفية

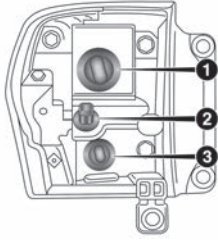
3. قم بلف المقبس باتجاه عقارب الساعة.

4. استبدل اللمبة.

5. أعد تركيب المقبس.

6. قم بتثبيت الجانب الداخلي للمصباح في جيب اللوحة.

7. قم بتدوير المصباح للأمام في السيارة حتى يستقر في الفتحة.



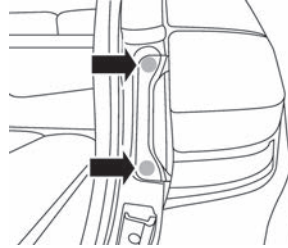
0726098527US

الجزء الخلفي من المصباح الخلفي

- 1 — مقبس اللمبة لمصباح التوقف الخلفي
 - 2 — موصل المؤخرة المزود بمصباح LED - لا تقم بإزالته
 - 3 — مقبس اللمبة لمصباح إشارة الانعطاف الخلفي
5. اسحب اللمبة لإخراجها من المقبس.
 6. استبدل المصباح، وأعد تركيب المقبس، ثم أعد تركيب مجموعة المصابيح.

مصباح المؤخرة والتوقف وإشارات الانعطاف الخلفية

1. ارفع باب المؤخرة.
2. قم بإزالة مسماري الدفع من مبيت مصباح المؤخرة.



0733097689US

مسماري الدفع لمصباح المؤخرة

3. أمسك مصباح المؤخرة واسحبه بشدة للخلف لفصله من لوحة المنفذ.
4. قم بلف المقبس عكس اتجاه عقارب الساعة ثم أزله من المصباح.

مصباح إشارة الانعطاف الأمامية

1. افتح غطاء المحرك.
2. قم بالوصول إلى الجزء الخلفي من المصباح الأمامي.

ملاحظة:

- يجب فك مبيت فلتر الهواء.
- قد تتعين إدارة خزان غاسلة الزجاج الأمامي وإبعاده لفك أداة التثبيت.
- لن تكون هناك حاجة لتغيير موضع خزان سائل التبريد (إذا كانت السيارة مزودة بذلك) عن طريق فك المُثبتات وتحريك الوحدة لإبعاده.

3. أدر لمبة ضوء إشارة الانعطاف ربع دورة بعكس اتجاه عقارب الساعة لإخراجها من المبيت.
4. افصل الموصل الكهربائي، واستبدل اللمبة.

تنبيه!

لا تلمس اللمبة الجديدة بأصابعك. التلوث الزيتي يؤدي إلى قصر عمر اللمبة بشكل واضح. إذا تعرضت اللمبة لملامسة أية أسطح زيتية، فقم بتنظيفها بالكحول الخفيف.

مصباح الضباب الأمامية

يُرجى مراجعة الوكيل المعتمد لطلب الخدمة.

استبدال اللمبة

المصابيح الأمامية لتفريغ الشحنة عالية الكثافة (HID)

- إذا كانت السيارة مزودة بذلك

المصابيح الأمامية هي نوع من أنابيب تفريغ الفولتية العالية. قد تظل الفولتية العالية في الدائرة حتى عند إيقاف تشغيل المصباح الأمامي وإزالة المفتاح. ولذلك يجب عدم محاولة صيانة لمبة المصباح الأمامي بنفسك. إذا حدث خلل بلمبة المصباح الأمامي، فتوجه بسيارتك إلى الوكيل المعتمد لصيانتها.

تحذير!

يحدث جهد عالٍ عابر عند مقاييس لمبات المصابيح الأمامية لتفريغ الشحنة العالية (HID) عند إدارة مفتاح الضوء الأمامي إلى وضع ON (التشغيل). وقد تتسبب في حدوث صدمة كهربائية خطيرة أو صعق كهربائي إذا لم يتم صيانتها بشكل صحيح. راجع الوكيل المعتمد لديك للحصول على معلومات حول الصيانة.

ملاحظة:

في السيارات المزودة بمصابيح أمامية لتفريغ الشحنة العالية (HID)، يظهر لون أزرق في المصابيح الأمامية عند تشغيلها. ويتلاشى ذلك ويصبح المصباح أكثر بياضاً بعد حوالي 10 ثوانٍ، أثناء شحن النظام.

مصابيح الهالوجين الأمامية - إذا كانت السيارة مزودة بذلك

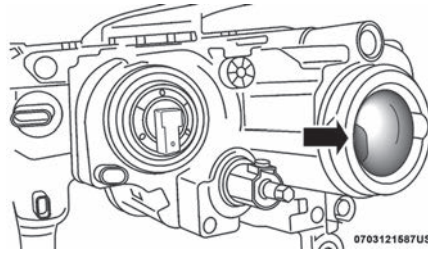
ملاحظة:

يمكن أن يتراكم الضباب على العدسة عند حدوث ظروف جوية معينة. في الغالب يزول ذلك عند تغيير الأحوال الجوية لتسمح للمكثف بالتحويل إلى بخار. يؤدي تشغيل اللمبة عادة إلى تسريع عملية الزوال.

1. افتح غطاء المحرك.
2. قم بالوصول إلى الجزء الخلفي من المصباح الأمامي.

ملاحظة:

- يجب فك مبيت فلتر الهواء.
- قد تتعين إدارة خزان غاسلة الزجاج الأمامي وإبعاده لفك أداة التثبيت.
- لن تكون هناك حاجة لتغيير موضع خزان سائل التبريد (إذا كانت السيارة مزودة بذلك) عن طريق فك المثبتات وتحريك الوحدة لإبعادها.
- 3. للوصول إلى لمبة الضوء المنخفض يجب عليك إزالة الكعب المطاطي المانع للتسرب من الجزء الخلفي من مبيت المصباح.



الكعب المطاطي المانع للتسرب

ملاحظة:

تأكد من أن الكعب المطاطي مركب بطريقة صحيحة لمنع دخول الماء والرطوبة إلى اللمبة.

تنبيه!

- لا تلمس زجاج اللمبة بلمسه بأصابعك أو بتركه يلامس أسطح زيتية أخرى. فقد ينتج عن ذلك انخفاض عمر المصباح.
- احرص دائماً على استخدام الحجم والنوع الصحيح لللمبة لاستبدالها. قد يتسبب حجم اللمبة أو النوع غير الصحيح في زيادة سخونة وتلف المصباح أو مقيس اللمبة أو أسلاك المصباح.

4. أدر لمبة الضوء المنخفض أو العالي ربع دورة بعكس اتجاه عقارب الساعة لإخراجها من المبيت.
5. افصل الموصل الكهربائي، واستبدل اللمبة.

رقم المصباح	
H11	المصابيح الأمامية (الضوء المنخفض) - إذا كانت السيارة مزودة بذلك
الضوء الدائلي D3S (تتم صيانتها لدى الوكيل المعتمد)	المصابيح الأمامية الممتازة (الضوء العالي/الضوء المنخفض)
H9	المصابيح الأمامية (الضوء العالي) - إذا كانت السيارة مزودة بذلك
مصباح LED - (الصيانة لدى الوكيل المعتمد)	مصباح التوقف/إشارة الانعطاف الممتاز
مصباح LED - (الصيانة لدى الوكيل المعتمد)	أضواء النهار (DRL) الممتازة
H11	مصباح الضباب الأمامية
مصباح LED - (الصيانة لدى الوكيل المعتمد)	
W5W	مصباح التحديد الجانبي الأمامي - إذا كانت السيارة مزودة بذلك
مصباح LED - (الصيانة لدى الوكيل المعتمد)	مصباح التحديد الجانبي الأمامي الممتازة - إذا كانت السيارة مزودة بذلك
7444NA (WY28/8W)	مصباح التوقف الأمامي/الانعطاف - إذا كانت السيارة مزودة بذلك
7440NA (WY21W)	مصباح إشارة الانعطاف الجانبيية بالجسم الخلفي
مصباح LED - (الصيانة لدى الوكيل المعتمد)	مصباح باب المؤخرة الخلفية الإضافية
921 (W16W)	مصباح الرجوع للخلف لباب المؤخرة
مصباح LED - (الصيانة لدى الوكيل المعتمد)	مصباح لوحة أرقام السيارة في الخلف
3157KRD LCP (P27/7W)	مصباح التوقف الجانبيية بالجسم الخلفي
مصباح LED - (الصيانة لدى الوكيل المعتمد)	مصباح المؤخرة الجانبيية بالجسم الخلفي
7440 (W21W)	مصباح الضباب الخلفية
مصباح LED - (الصيانة لدى الوكيل المعتمد)	CHMSL - مصباح التوقف العلوي المركزي

ملاحظة:

تشير الأرقام إلى أنواع المصابيح التجارية التي يمكن شراؤها من الوكيل المعتمد. إذا استلزم الأمر استبدال أحد المصابيح، فقم بزيارة الوكيل المعتمد أو راجع دليل الصيانة المناسب.

وامضات التحذير من الخطر

يوجد مفتاح وامض التحذير من الخطر في صف المفاتيح الموجودة أعلى مفتاح التحكم في درجة الحرارة.



اضغط على المفتاح لتشغيل وامض التحذير من الخطر. عند تنشيط المفتاح، ستومض جميع إشارات الانعطاف لتحذير السيارات القادمة من وجود حالة طارئة. اضغط على المفتاح مرة ثانية لإيقاف تشغيل وامضات التحذير من الخطر.

استبدال اللمبة

استبدال اللمبات

المصابيح الداخلية

رقم المصباح	
194	مصباح صندوق القفازات
L002825W5W	مصباح مقبض المسك
VT4976	مصابيح القراءة بالكونسول العلوي
214-2	مصباح الحمولة الخلفية
V26377	مصابيح الزينة بواقى الشمس
906	مصابيح الزينة أسفل اللوحة
103	مجموعة أجهزة القياس (إضاءة عامة)
74	مصباح الإشارة/الخطر

ملاحظة:

في حالات الاستعمال الممتد لفترات طويلة، قد يُفرغ شحن بطارية وامضات التحذير من الخطر.

لا تستعمل هذه الإشارة الضوئية أثناء سير السيارة لأنها للتحذير في حالات الخطر. استعملها عندما تكون سيارتك معطلة على الطريق وتشكل خطرًا على سلامة السائقين الآخرين.

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).

- طرز الدفع الثنائي .. ٢٧٥
- طرز الدفع الرباعي .. ٢٧٥
- استخدام حلقة السحب — إذا كانت السيارة مزودةً بذلك .. ٢٧٦
- خطاطيف السحب في حالات الطوارئ - إذا كانت السيارة مزودةً بذلك .. ٢٧٧
- نظام الاستجابة للحوادث المحسن (EARS) .. ٢٧٧
- جهاز تسجيل بيانات الحوادث (EDR) .. ٢٧٧

في حالات الطوارئ

- وامضات التحذير من الخطر ٢٥٣
- استبدال اللمبة ٢٥٣
- استبدال اللمبات ٢٥٣
- استبدال اللمبة ٢٥٥
- المنصهرات ٢٥٨
- معلومات عامة ٢٥٨
- منصهرات تحت غطاء المحرك ٢٥٩
- رفع السيارة وتغيير الإطارات ٢٦٤
- موقع الرافعة ٢٦٤
- تخزين الإطار الاحتياطي ٢٦٤
- التحضير لرفع السيارة ٢٦٤
- تعليمات الرفع ٢٦٥
- تركيب إطار الطريق ٢٦٨
- تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى ٢٦٨
- التحضيرات لتشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية معززة ٢٦٨
- إجراء تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى ٢٦٩
- التزويد بالوقود في حالات الطوارئ ٢٧٠
- في حالة ارتفاع درجة حرارة المحرك بشكل زائد عن الحد ٢٧٠
- تحرير التوقف اليدوي ٢٧١
- إخراج سيارة عالقة ٢٧٢
- سحب سيارة معطلة ٢٧٣
- دون استخدام حافظة المفاتيح ٢٧٥

- بعد القيادة لمدد طويلة في الطين أو الرمل أو الماء، أو ظروف مماثلة، قم بإخضاع أسطوانات وبطانات شبكة تبريد السيارة والمروحة والفرامل والعجلات ووصلات محور الدوران للفحص والتنظيف بأسرع ما يمكن.

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 التصادم. إذا كنت تقود السيارة في ظروف مترتبة، فافحص الفرامل ونظفها إذا لزم الأمر.

- إذا واجهت اهتزاز غير عادي بعد القيادة في الطرق الطينية أو الموحلة أو ما يشابهها، فافحص العجلات للتأكد من عدم تواجد الأوساخ بين السنون. فقد تتسبب هذه الأوساخ في عدم اتزان العجل وتخليص العجلات منها يصبح هذا الموقف.

عند هبوط جبل أو منطقة مرتفعة، قد تتسبب الفرملة المتكررة في تضاول أثر الفرامل مع فقدان التحكم في الفرامل. تجنب الفرملة القوية المتكررة بإنزال ناقل الحركة إلى ترس منخفض متى كان ذلك ممكناً.

بعد القيادة على طرق وعرة

تضع القيادة على الطرق غير الممهدة المزيد من الضغط على السيارة أكثر مما هو حادث عند القيادة على الطرق الممهدة. 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 الرادياتير بحثاً عن وجود طين أو رواسب، وقم بتنظيفه إذا لزم الأمر.

• افحص المثبتات للتأكد من شدها، خصوصاً 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 وخرابيم الفرامل وسدادات محور الدوران وأعمدة الدعم.

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 51 سم (20 بوصة)، وقلل السرعة بشكل مناسب لتقليل تأثيرات الأمواج. السرعة القصوى في عمق 20 بوصة (51 سم) من المياه هي أقل من 5 أميال/الساعة (8 كم/ساعة).

الصيانة

بعد قيادة السيارة عبر المياه العميقة، افحص سوائل السيارة وزيوت التشحيم (زيت المحرك، زيت ناقل الحركة، محور الدوران، علبة النقل) لضمان عدم تلوثها. يجب تصريف/استبدال السائل الملوث (رغوي المظهر) بأسرع ما يمكن لمنع تلف المكون.

القيادة على الطرق الثلجية والطينية والرمليّة

في ظروف تساقط الثلوج بكثرة أو عند سحب حمولة أو للحصول على مزيد من التحكم في أثناء القيادة بسرعات منخفضة، انقل ناقل الحركة إلى ترس منخفض وانقل علبة النقل إلى وضع الدفع الرباعي المنخفض إذا تطلب الأمر ذلك. راجع "تشغيل نظام الدفع الرباعي" في "البداية والتشغيل" لمزيد من المعلومات. لا تنتقل إلى ترس منخفض أكثر من اللازم للمحافظة على الحركة للأمام. إن زيادة عدد دورات المحرك قد يؤدي إلى تسارع دوران العجلات وفقدان الجر.

تجنب الانتقال إلى التروس المنخفضة على الطرق الثلجية أو المنزلة، فقد تتسبب فرملة المحرك في انزلاق السيارة وفقدان التحكم في السيارة.

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 المرتفعات الشاهقة.

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 REVERSE (الرجوع للخلف). تراجع ببطء إلى أسفل المرتفع مع السماح لضغط فرامل المحرك بالمساعدة في تنظيم السرعة. إذا تطلب الأمر استخدام الفرامل للتحكم في سرعة السيارة، فاستخدمها ببطء وتجنب قفل أو انزلاق الإطارات.

تحذير!

إذا توقفت 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

(تابع)

تحذير! (تابع)

في اتجاه مستقيم عند نزول مرتفع مع وضع السيارة في ترس REVERSE (الرجوع للخلف). لا ترجع بالسيارة مطلقاً عند نزول مرتفع في وضع NEUTRAL (اللاتعشيق) مستخدماً الفرامل فقط.

تذكر ألا تقود السيارة في اتجاه مائل عبر المرتفع أبداً. يجب القيادة في وضع مستقيم لأعلى أو لأسفل دائماً.

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 تثبيت جديدة بسطح الطريق ويوفر المزيد من طاقة الجر لإكمال الصعود.

الجر أثناء النزول من مرتفع

عند هبوط جبل أو منطقة مرتفعة، استخدم 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.

3. عد إلى منتصف السيارة، وكرر الخطوة 2 على الجانب المقابل من السيارة.

ملاحظة:

- وقد يكون من الضروري تطبيق قوة إضافية على الألسنة الفردية للتأكد من أنها مثبتة بالكامل.
- لا تستخدم أية أدوات لتطبيق قوة إضافية على الألسنة حيث قد ينتج عن ذلك تلف في الوجهيتين العلوية والسفلية.
- 4. أعد تركيب المثبتات السبعة ذات الربع دورة.

ميزة Quadra-Lift - إذا كانت السيارة مزودة بذلك

عد القيادة في الطرق غير الممهدة، يوصى باختيار أدنى ارتفاع ممكن للسيارة يؤدي إلى إزالة العائق أو التضاريس الحالية. ويجب عندئذ رفع مستوى السيارة حسبما تتطلب تغييرات التضاريس.

سيقوم مفتاح Selec-Terrain أوتوماتيكياً 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. راجع "تشغيل نظام الدفع الرباعي" في "البدء والتشغيل" لمزيد من المعلومات.

متى يستخدم نطاق 4WD LOW (الدفع الرباعي المنخفض) - إذا كانت السيارة مزودة 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 بطروف 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 على 40 كم/الساعة (25 ميلاً/الساعة) عند التواجد في نطاق 4WD LOW (الدفع الرباعي المنخفض).

تحذير!

لا تقُد السيارة في نطاق 4WD-LOW (الدفع الرباعي المنخفض) على طريق ممهد جاف؛ حيث يمكن أن تتلف مجموعة نقل الحركة. يقوم نطاق 4WD-LOW (الدفع الرباعي - المنخفض) بقفل مجموعتي الدفع والحركة الأمامية والخلفية معًا ولا يسمح بإجراء تفاضلي بين أعمدة التوجيه الأمامية والخلفية. تؤدي القيادة في وضع 4WD-LOW (الدفع الرباعي - 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 المياه.

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/الساعة). افحص عمق المياه دائمًا قبل الدخول فيها كإجراء وقائي، وافحص جميع السوائل بعد الخروج من الماء. قد تؤدي القيادة في المياه إلى حدوث تلف غير مشمول بالضمان المحدود للسيارة 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 سيارتك 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 5 أميال/الساعة (8 كم/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 تتخفض سرعة التدفق. إذا كان يتوجب عليك عبور المياه المتدفقة، فتجنب الأعماق الأكثر

ملاحظة:

لا تسمح بتدلي الواجهة السفلية بحرية من الألسنة الموجودة في الزاوية المقابلة حيث قد تتلف الواجهة السفلية والعلوية.
4. خزن الواجهة السفلية في مكان آمن.

ملاحظة:

يُوصى أيضًا بإزالة مستشعر الرادار في السيارة المزودة بوحدة التحكم في السرعة الثابتة المهيأة (ACC). تم معايرة مستشعر الرادار هذا خصيصًا لسيارتك وهو غير قابل للتبديل بمستشعرات الرادار الأخرى.

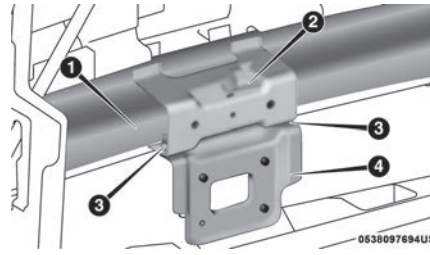
إجراء إزالة مستشعر الرادار (إذا كانت السيارة مزودة بوحدة التحكم في السرعة الثابتة المهيأة [ACC]):

1. مع إزالة الواجهة السفلية، وهو الأمر الذي يتيح الوصول إلى المستشعر والكتيفة، افصل مجموعة الأسلاك عن المستشعر.
2. باستخدام أداة مناسبة، افصل المشبك السلكي من الكتيفة.

3. باستخدام أداة مناسبة، أزل المثبتات التي تثبت كتيفة المستشعر بعارضة المصد.

ملاحظة:

يُوصى بتخطيط الموقع للمساعدة في عملية إعادة التركيب.
4. حدد موقع الموصل الواقي الموجود على الجزء الخلفي من عارضة المصد.



عارضة المصد

- 1 — عارضة المصد الداخلية
- 2 — موقع الموصل الواقي
- 3 — مثبتات كتيفة المستشعر
- 4 — كتيفة المستشعر

ملاحظة:

تكون الطرز المزودة بحزمة الطرق غير الممهدة فقط مزودة بموصل واقي.

5. أزل السدادة من الموصل الواقي، ثم قم بتركيب المستشعر.

6. أدخل موصل مجموعة الأسلاك في الموصل الواقي.

7. خزن المستشعر والكتيفة في مكان آمن.

ملاحظة:

يتم تعطيل جميع وظائف التحكم في السرعة الثابتة عند فصل مستشعر الرادار.

إجراء تركيب مستشعر الرادار (إذا كانت السيارة مزودة بوحدة التحكم في السرعة الثابتة المهيأة [ACC]):

1. افصل موصل مجموعة الأسلاك من الموصل الواقي على عارضة المصد.

2. أزل السدادة من مستشعر الرادار، ثم قم بتركيب الموصل الواقي.

3. باستخدام العلامات المخططة سابقًا، أعد تركيب مستشعر الرادار والكتيفة باستخدام المثبتين.

ملاحظة:

قد يتطلب الأمر بعض المحاذاة عند تركيب الواجهة لمحاذاة المستشعر مع الواجهة.

4. ركب موصل مجموعة الأسلاك في مستشعر الرادار.

ملاحظة:

إذا حدث خطأ، فراجع الوكيل المعتمد، فقد تكون هناك حاجة إلى إجراء محاذاة للمستشعر.

تركيب الواجهة الأمامية السفلية

ملاحظة:

هذا فقط إذا كان لديك مساعد.

1. بدءًا من منتصف السيارة، قم بتثبيت عدد كافي من الألسنة لدعم وزن الواجهة السفلية (بشكل نموذجي واحد أو اثنين من الألسنة) في الواجهة العلوية.

2. تابع العمل إلى الأطراف، قم بتثبيت الألسنة في الفتحات على أحد جانبي السيارة.

ملاحظة:

- الخطوات من 1 إلى 5 هي متطلبات يجب استيفاؤها قبل الضغط على زر NEUTRAL (N) (اللاتعشيق) ويجب الاستمرار في استيفائها حتى اكتمال النقل. في حالة عدم استيفاء أي من هذه المتطلبات قبل الضغط على زر وضع N (اللاتعشيق) أو التوقف عن استيفائها خلال النقل، سيومض ضوء مؤشر N (اللاتعشيق) بشكل مستمر حتى يتم استيفاء جميع المتطلبات أو حتى يتم تحرير زر وضع N (اللاتعشيق).

- يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) حتى يتم النقل وحتى يضيء 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 ضوء مؤشر موضع N (اللاتعشيق) الواضخ إلى أن متطلبات النقل لم يتم استيفاؤها.

إرشادات القيادة

إرشادات القيادة على الطرق الممهدة

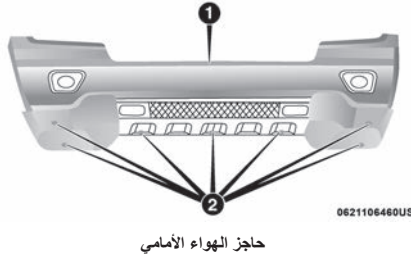
تتميز سيارات الخدمة بأن لها مساحة خلوص أرضي أكبر وعرض أضيق كي يمكن لها العمل على أنواع متعددة من أسطح الطرق غير الممهدة. توفر لهم مواصفات التصميم الخاصة مركز ثقل أعلى من سيارات الركاب التقليدية.

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 تقادي 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

ملاحظة:

قبل القيادة على الطرق غير الممهدة باستخدام الطرز غير المزودة بميزة Summit والتي تكون مزودة أيضًا بحزمة الطرق غير الممهدة، قم بإزالة الواجهة السفلية لتقادي التلف. يتم تثبيت الواجهة السفلية بالجزء السفلي من الواجهة الأمامية باستخدام سبعة مثبتات ذات ربع دورة، وهي تتميز بإمكانية الفك باليد. يجب أولاً إزالة حامل لوحة الأرقام الأمامي إذا كانت السيارة مزودة بذلك.



حاجز الهواء الأمامي

1 — المصد الأمامي

2 — مثبتات حاجز الهواء الأمامي

ملاحظة:

في طرز Summit، لا يمكن إزالة الواجهة الأمامية السفلية.

إزالة الواجهة الأمامية السفلية:

- أزل المثبتات السبعة ذات الربع دورة.
- بدءًا من أحد جانبي السيارة، افصل الواجهة السفلية عن الواجهة العلوية. أمسك الجزء داخل جدار العجلة. اسحبه إلى الأسفل تجاهك، ثم افصل الألسنة من الفتحات الموجودة في الواجهة العلوية.
- استمر في العمل خلال السيارة، مع فصل الألسنة المتبقية من الفتحات الموجودة في الواجهة العلوية.

ملاحظة:

يؤدي فصل بطارية السيارة إلى مسح المحطات المضبوطة مسبقاً للراديو، وقد يؤثر على الإعدادات الأخرى في السيارة. كما يمكن أيضاً أن يؤدي إلى تشغيل العديد من رموز خطأ، مما يتسبب في إضاءة ضوء مؤشر العطل (MIL) عند إعادة توصيل البطارية.

ملاحظة:

• الخطوات من 1 إلى 4 هي متطلبات يجب استيفاؤها قبل الضغط على زر NEUTRAL (N) (اللاتعشيق) ويجب الاستمرار في استيفائها حتى اكتمال النقل. في حالة عدم استيفاء أي من هذه المتطلبات قبل الضغط على زر وضع N (اللاتعشيق) أو التوقف عن استيفائها خلال النقل، سيومض مصباح مؤشر N (اللاتعشيق) بشكل مستمر حتى يتم استيفاء جميع المتطلبات أو حتى يتم تحرير زر وضع N (اللاتعشيق).

• يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) حتى يتم النقل وحتى يضيء 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.

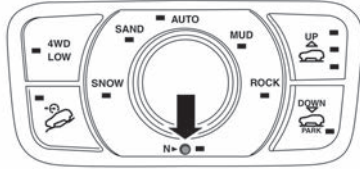
• يشير ضوء مؤشر موضع N (اللاتعشيق) الومض إلى أن متطلبات النقل لم يتم استيفاؤها.

• 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.

التغيير من وضع NEUTRAL (N) (اللاتعشيق)

استخدم الإجراء التالي لتحضير سيارتك للاستخدام العادي.

1. أوقف السيارة تماماً، واتركها متصلة بسيارة السحب.
2. أحكم تعشيق فرامل التوقف.
3. أعد توصيل كابل البطارية السالب.
4. أدر مفتاح التشغيل إلى وضع LOCK/OFF (القفل/إيقاف التشغيل).
5. قم بتشغيل المحرك.
6. اضغط على دواسة الفرامل وحررها.
7. نقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).
8. باستخدام قلم ذي سن كروي أو أداة مشابهة، اضغط مطولاً على زر N (اللاتعشيق) الغائر في علبة النقل (الموجود بجوار مفتاح التحديد) لمدة ثانية واحدة.



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مفتاح N (اللاتعشيق)

9. عند انطفاء ضوء مؤشر وضع N (اللاتعشيق) قم بتحرير زر N (اللاتعشيق). بعد تحرير زر N (اللاتعشيق)، ستنقل علبة النقل إلى الموضع المحدد بواسطة مفتاح التحديد.
10. قم بتغيير ناقل الحركة إلى ترس 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 وحررها.
15. حرر فرامل التوقف.
16. قم بتغيير ناقل الحركة إلى وضع القيادة، وحرر دواسة الفرامل، وتحقق من عمل السيارة بشكل طبيعي.

الانتقال إلى وضع NEUTRAL (اللاتعشيق)

تحذير!

قد تتعرض أنت أو الآخرين للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود علبه النقل وضع N (اللاتعشيق) دون استخدام فرامل التوقف أولاً بشكل كامل. يعمل وضع N (اللاتعشيق) لعلبة النقل على فصل كل من عمودي التوجيه الأمامي والخلفي عن مجموعة الدفع والحركة، ويسمح للسيارة بالحركة حتى وإن كان ناقل الحركة بوضع PARK (التوقف). يجب استخدام فرامل التوقف دائماً عندما لا يكون السائق موجوداً في السيارة.

استخدم الإجراء التالي لتحضير سيارتك للجر من أجل الاستجمام.

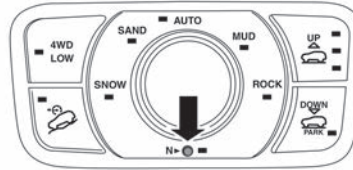
تنبيه!

من الضروري اتباع هذه الخطوات للتأكد من وجود علبه النقل في وضع N (اللاتعشيق) الكامل قبل الجر من أجل الاستجمام لمنع تلف الأجزاء الداخلية.

1. أوقف السيارة تماماً على أرض مستوية أثناء تشغيل المحرك.
2. اضغط على دواسة الفرامل وحررها.
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.

5. باستخدام قلم ذي سن كروي أو أداة مشابهة، اضغط مطولاً على زر N (اللاتعشيق) الغائر في علبه النقل (الموجود بجوار مفتاح التحديد) لمدة أربع ثوان. سيومض الضوء خلف رمز N، مشيراً إلى تقدم النقل. وسيتوقف الضوء عن الوميض (يبقى مضيئاً 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.



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مفتاح N (اللاتعشيق)

8. حرر دواسة الفرامل لمدة 5 ثوان وتأكد من عدم وجود حركة بالسيارة.

9. اضغط على دواسة الفرامل وحررها. نقل ناقل الحركة مرة أخرى إلى وضع NEUTRAL (اللاتعشيق).

10. أحكم تعشيق فرامل التوقف.

11. عندما يكون ناقل الحركة وعلبه النقل في وضع NEUTRAL (اللاتعشيق)، اضغط مطولاً على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) حتى يتم إيقاف المحرك.

12. ضع محدد التروس بناقل الحركة في وضع PARK (التوقف). حرر دواسة الفرامل.

13. اضغط على زر ENGINE STOP/START (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.

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 بعيداً عن القطب السالب للبطارية.

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. أحكم تعشيق فرامل التوقف. قم بتغيير ناقل الحركة إلى ترس PARK (التوقف).

4. أدر مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

5. تثبت العجلات الخلفية جيدًا بالذلية، مع اتباع تعليمات الجهة المصنعة للذلية.

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 الطُرز على وضع NEUTRAL (اللاتعشيق) 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 المذكورة أعلاه 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 N (اللاتعشيق)، ويجب وضع ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) للجر من أجل الاستجمام. زر وضع N

(اللاتعشيق) مجاور لمفتاح تحديد علبة النقل. قد تحدث الانتقالات إلى ومن وضع N (اللاتعشيق) الخاص بعلبة النقل عند وجود مفتاح التحديد في أي وضع.

تنبيه!

• لا تقم بقطر أي سيارة مزودة بالدفع الرباعي 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 بالسحب 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 الجر من أجل الاستجمام، نفذ الإجراء الموضح تحت العنوان "الانتقال إلى وضع N (اللاتعشيق)"

للتأكد من وجود علبة النقل بالكامل في وضع N (اللاتعشيق). وغير ذلك يتسبب في حدوث تلف داخلي.

• يمكن أن ينجم عن مخالفة المتطلبات المذكورة أعلاه 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 سيارة تك. حيث يؤدي ذلك إلى تلف قضيب وجه المصد.

الجر من أجل الاستجمام (خلف عربة منزل متنقل، إلخ)

سحب هذه السيارة خلف سيارة أخرى

ظروف السحب	العجلات مرفوعة عن الأرض	طرز الدفع الثنائي	طرز الدفع الرباعي بدون نطاق الدفع الرباعي المنخفض	طرز الدفع الرباعي مع نطاق الدفع الرباعي المنخفض
السحب المسطح	لا يوجد	غير مسموح	غير مسموح	راجع التعليمات • ناقل الحركة في وضع PARK (التوقف) • علبة النقل في وضع NEUTRAL (اللاتعشيق) • السحب باتجاه أمامي • فصل كابل البطارية السالب
دلية السحب	المقدمة	غير مسموح	غير مسموح	غير مسموح
	المؤخرة	موافق	غير مسموح	غير مسموح
على المقطورة	ALL (الكل)	موافق	موافق	موافق

ملاحظة:

- عند جر سيارتك، اتبع دائماً 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 النقل قبل سحبها (من الهيكل) على مقطورة أو شاحنة ذات سطح مفتوح. راجع "ميزة Quadra-

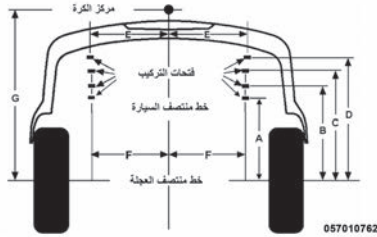
السحب من أجل الاستجمام - طرز الدفع الثنائي
لا تقم بالسحب المسطح لهذه السيارة. قد تتعرض مجموعة الدفع والحركة للتلف جراء ذلك.

مسموح بالجر من أجل الاستجمام (طرز 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. تبيّت الدلية جيداً بسيارة السحب، مع اتباع تعليمات الجهة المصنّعة للدلية.

"Lift" في "البدا والتشغيل" للحصول على مزيد من المعلومات. 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.

ومعدات الكبح، وجهاز معادلة (موازنة) المقطورة والمرايا الجانبية المنخفضة.



القيادة في الطرق السريعة

- خفض السرعة.
- أوقف تشغيل مكيف الهواء مؤقتًا.

نقاط الربط لسحب المقطورة

سوف تتطلب سيارتك معدات إضافية لتتمكن من سحب المقطورة بأمان وكفاءة. يجب أن يتم تركيب قضيب سحب المقطورة في سيارتك باستخدام نقاط الربط المتوفرة على هيكل السيارة (الشاسيه). راجع الشكل التالي لتحديد نقاط الربط الدقيقة. قد يتطلب الأمر أو ينصح بشدة باستخدام معدات أخرى كأجهزة التحكم في تارجح المقطورة

نظام التبريد

لتقليل احتمال الارتفاع الزائد لدرجة حرارة المحرك وناقل الحركة، قم بالإجراءات التالية:

القيادة في المدن

- داخل المدينة - عند توقف السيارة، ضع ناقل الحركة في وضع NEUTRAL (اللاتعشيق) ولكن لا تزد من سرعة تباطؤ المحرك.

نقاط الربط لسحب المقطورة والأبعاد المتدلية

نقاط الربط لسحب المقطورة والأبعاد المتدلية	قضييب الربط الثابت والقابل للفصل والقابل للسحب	
A	1.85 قدم (565 مم)	
B	2.09 أقدام (636 مم)	
C	2.32 أقدام (707 مم)	
D	2.4 أقدام (733 مم)	
E	1.62 قدم (494 مم)	
F	1.47 قدم (447 مم)	
G (الحد الأقصى للتدلي)	3.59 أقدام (1093 مم)	

لون السلك	الميزة	رقم السن
أصفر/بني	العودة لطرف الاتصال (السن) 10	11 أ
-	احتياطي للتخصيص المستقبلي	12
أحمر/بني	العودة لطرف الاتصال (السن) 9	13 أ

ملاحظة:
تم تغيير سن التخصيص 12 من "شفرة المقطورة المقترنة" إلى "احتياطي للتخصيص المستقبلي".
أ لن تتصل دوائر العودة الثلاثة كهربياً في المقطورة.
ب يكون جهاز إضاءة لوحة ترخيص الوضع الخلفي متصلاً بحيث لا يتصل أي مصباح في الجهاز بكلا السنين 5 و7.

- لمنع تولد الحرارة الزائدة، تجنب القيادة لفترات طويلة بسرعة دورات المحرك في الدقيقة عالية. قلل سرعة السيارة بالصورة اللازمة لتجنب القيادة لفترات طويلة بسرعة دورات محرك في الدقيقة عالية. عُد إلى نطاق ترس أعلى أو لسرعة سيارة أعلى عندما تسمح ظروف الانحدار أو الطريق.

التحكم في السرعة — إذا كانت السيارة مزودة بذلك

- لا تستخدمه على المرتفعات أو مع الأحمال الكبيرة.
- إذا حدثت انخفاضات في السرعة أكبر من 16 كم/الساعة (10 أميال/الساعة) عند استخدام مفتاح التحكم في السرعة، فافصل المفتاح حتى تصل السيارة إلى سرعة التشغيل المناسبة.
- استخدم مفتاح التحكم في السرعة في الأراضي المسطحة مع تحميل المصابيح بأقصى كفاءة للوقود.

ملاحظة:

سيؤدي استعمال ترس منخفض (عن طريق التحكم في نقل الحركة بواسطة AutoStick (العصا الأوتوماتيكية)) أثناء استعمال السيارة في ظروف تحميل قاسية، إلى تحسين الأداء وإطالة عمر ناقل الحركة وذلك بتقليل نقل التروس الزائد عن الحد والحيلولة دون ارتفاع درجة الحرارة. يؤدي هذا الإجراء أيضاً إلى توفير قدرة أفضل على استخدام فرملة المحرك.

AutoStick (العصا الأوتوماتيكية)

- عند استخدام مفتاح التحكم في نقل العصا الأوتوماتيكية AutoStick، حدد أعلى ترس يتيح لك الأداء الدقيق ويمنع النقل المتكرر إلى ترس منخفض. على سبيل المثال، اختر "5" إذا كان من الممكن الاحتفاظ بالسرعة المرغوبة. اختر "4" أو "3" إذا لزم الأمر للاحتفاظ بالسرعة المرغوبة.

نصائح بشأن السحب

قبل البدء في رحلة، قم بتجربة انعطاف وتوقف ورجوع بالمقطورة إلى الخلف في منطقة بعيدة عن الازدحام المروري.

ناقل الحركة الأوتوماتيكي

حدد نطاق DRIVE (القيادة) عند السحب. تتضمن مفاتيح تحكم ناقل الحركة استراتيجية دفع لتجنب النقل المتكرر أثناء السحب. ولكن، في حالة عدم حدوث نقل متكرر أثناء التواجد في ترس DRIVE (القيادة)، يمكنك استخدام مفتاح التحكم في نقل العصا الأوتوماتيكية AutoStick لتحديد ترس أقل يدوياً.



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موصل ذو 13 سنا

ملاحظة:

لا تقم بقص أي أسلاك في مجموعة أسلاك السيارة أو وصلها.

جميع التوصيلات الكهربائية كاملة للسيارة ولكن يجب عليك مطابقة مجموعة الأسلاك بموصل المقطورة.

متطلبات السحب - مصابيح وأسلاك المقطورة (إذا كانت السيارة مزودة بذلك)

عند سحب أية مقطورة بغض النظر عن حجمها، يُوصى بإيقاف تشغيل مصابيح الوقوف الخلفية وإشارات الانعطاف الموجودة بالمقطورة لضمان السلامة على الطريق.

تتضمن حزمة سحب المقطورة مجموعات أسلاك ذات 13 سناً. استخدم مجموعة أسلاك وموصل مقطورة معتمد من المصنع.

لون السلك	الميزة	رقم السن
أبيض/أسود	إشارة الانعطاف إلى اليسار	1
أبيض	ضوء الضباب الخلفي	2
بني	الأرضية/العودة لأطراف الاتصال (السنون) 1 و 2 ومن 4 إلى 8	3 أ
أسود/أخضر	إشارة الانعطاف إلى اليمين	4
أخضر/أحمر	الوضع الخلفي الأيمن ومصابيح التحديد الجانبية وجهاز إضاءة لوحة الترخيص الخلفية. ب	5
أسود/أحمر	مصابيح التوقف	6
أخضر/أسود	الوضع الخلفي الأيسر ومصابيح التحديد الجانبية وجهاز إضاءة لوحة الترخيص الخلفية. ب	7
أزرق/أحمر	مصابيح الرجوع إلى الخلف	8
أحمر	مصدر طاقة دائم (+12 فولت)	9
أصفر	مصدر طاقة يتم التحكم فيه بواسطة مفتاح تشغيل (+12 فولت)	10

تحذير! (تابع)

- 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 PARK (التوقف). في السيارات ذات الدفع الرباعي، تأكد من عدم وجود علب النقل في وضع NEUTRAL (اللاتشيق). قم دائماً بوضع حواجز أو "أوتاد" 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:

 1. معدل الوزن الإجمالي للسيارة (GVWR)
 2. إجمالي وزن المقطورة (GTW)
 3. معدل الوزن الإجمالي لمحور الدوران (GAWR)
 4. معدل وزن لسان المقطورة لفضيب ربط المقطورة المستخدم.

متطلبات السحب - الإطارات

- لا تحاول سحب مقطورة عند استخدام إطار احتياطي صغير.

• لا تقُد السيارة بسرعة أكبر من 80 كم/الساعة (50 ميلاً في الساعة) عند السحب باستخدام الإطار الاحتياطي ذي الحجم الكامل.

• تعتبر مستويات ضغط الهواء المناسبة لإطاراتك مهمة جدًا للتوفير تشغيل سليم ومرض لسيارتك. راجع "الإطارات" في "الخدمة والصيانة" لمعرفة الإجراءات الصحيحة لنفخ الإطارات.

• تحقق أيضًا من إطارات المقطورة للتعرف على مستويات ضغط نفخ الإطارات قبل استخدام المقطورة.

• ابحث عن دلالات على تآكل الإطار أو وجود تلف مرئي به قبل سحب المقطورة. راجع "الإطارات" في "الخدمة والصيانة" لمعرفة الإجراءات الصحيحة للفحص.

• عند استبدال الإطارات، راجع "الإطارات" في "الخدمة والصيانة" لمعرفة الإجراءات الصحيحة لاستبدال الإطارات. لن يعمل استبدال الإطارات بإطارات ذات قدرة حمل حمولات عالية على زيادة حدود معدل الوزن الإجمالي للسيارة (GVWR) أو معدل الوزن الإجمالي لمحور الدوران (GAWR).

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 بالانفداع الهيدروليكي، فلا يلزم استخدام ضابطين الفرامل الإلكتروني.

• يُنصح باستخدام فرامل المقطورة للمقطورات التي تزيد أوزانها عن 453 كجم (1000 رطل)، غير أنه يجب استخدامها للمقطورات التي تزيد أوزانها عن 907 كجم (2000 رطل).

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 حادث.
- ويؤدي سحب أية 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 وقوع حادث.

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 دواسرة الفرامل ومسافات أطول لإيقاف السيارة.

إعادة تركيب غطاء مستقبل قضيب الربط بعد السحب
كرر الإجراء بترتيب عكسي.

ملاحظة:

تأكد من تشبيك كل ألسنة غطاء مستقبل قضيب الربط في
واجهة المصدر قبل التركيب.

وزن المقطورة ووزن اللسان

لا تتجاوز أقصى وزن للسان الموجود على المصدر أو
قضيب ربط المقطورة.

تنبيه!

قم دائماً 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 تآرجح 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 المحور الخلفي:

• وزن لسان سحب المقطورة.

• وزن أي نوع آخر من الشحانات 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 أيضاً اعتبار
المعدات الاختيارية التي تم تركيبها في المصنع أو المعدات
الاختيارية التي قام الوكيل بتركيبها جزءاً من إجمالي
الحمل الموضوع على السيارة. راجع ملصق "معلومات
الإطارات والتحميل" للتعرف على أقصى وزن إجمالي
للركاب والحمولة لسيارتك.

متطلبات السحب

يُصح باتياع الإرشادات التالية لتلبيين مكونات مجموعة
الدفع والحركة في سيارتك الجديدة بشكل صحيح.

تنبيه!

- لا تقم بسحب مقطورة في أول 500 ميل (805 كم)
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/الساعة) ولا تقم ببدء تشغيل السيارة
مع فتح صمام الاختناق بشكل كامل. سيساعدك هذا
على تليين المحرك والأجزاء الأخرى للسيارة عند
استخدام الأحمال الثقيلة.

مطلقاً 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:

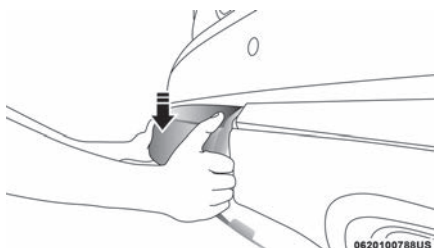
- تأكد من إحكام تثبيت الحمل في المقطورة وأنه لن
يتحرك أثناء القيادة. عند سحب حمولة لا يمكن إحكام
تثبيتها بشكل كامل، قد تحدث حركة مستمرة في الحمل
والتي قد يصعب على السائق التحكم فيها. فقد تفقد
القدرة على التحكم في السيارة، وقد يحدث تصادم.
- عند سحب حمولة أو سحب مقطورة، لا تقم بتحميل
السيارة أو المقطورة بشكل زائد. قد 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 دائماً استخدام سلاسل الأمان بين السيارة
والمقطورة. قم دائماً بتوصيل السلاسل بمثبتات خطاف
قضيب ربط السيارة. اربط السلاسل بشكل متداخل
تحت لسان سحب المقطورة واسمح بارتخاء كاف
لأركان الانعطاف.

(تابع)

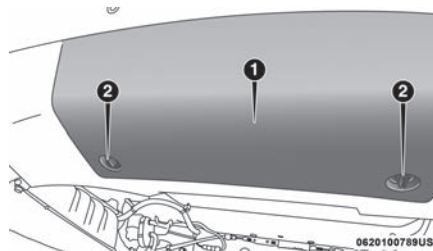
قم بإجراء عمليات الصيانة المذكورة في "كتيب الصيانة
والضمان". راجع "كتيب الصيانة والضمان" للتعرف على
فترات الصيانة الصحيحة. عند سحب مقطورة، لا تتجاوز

المحرك/ناقل الحركة	أقصى وزن إجمالي للمقطورة (إجمالي وزن المقطورة) - مع فرامل المقطورة	أقصى وزن إجمالي للمقطورة (إجمالي وزن المقطورة) - بدون فرامل المقطورة	وزن اللسان (راجع الملاحظة)
كل الطرز باستثناء الطراز Summit والطرز Trailhawk المزود بمجموعة لوح الانزلاق	6500 رطل (2949 كجم)	1653 رطلاً (750 كجم)	324 رطل (147 كجم)
طرز Summit وطرز Trailhawk	6500 رطل (2949 كجم)	1653 رطلاً (750 كجم)	324 رطل (147 كجم)
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.			
<p>ملاحظة:</p> <p>يجب اعتبار وزن لسان المقطورة جزءاً من الوزن الإجمالي للركاب والحمولة، ويجب ألا يتجاوز في أي حال من الأحوال الوزن المذكور في ملصق معلومات الإطار والتحميل. راجع "الإطارات" في "الخدمة والصيانة" للحصول على مزيد من المعلومات.</p>			

2. اسحب الجزء السفلي من الغطاء للخارج (باتجاهك)، اسحب للأسفل لفصل الألسنة الموجودة على الجزء العلوي من غطاء مستقبل قضيب الربط.



غطاء مستقبل قضيب الربط



غطاء مستقبل قضيب الربط

1 — غطاء مستقبل قضيب الربط

2 — مثبتات القفل

إزالة غطاء مستقبل قضيب ربط المقطورة (طرز Summit) — إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزودة بغطاء مستقبل قضيب ربط المقطورة، حيث يجب إزالته للوصول إلى مستقبل قضيب سحب المقطورة (إذا كانت السيارة مزودة بذلك). يوجد غطاء مستقبل قضيب الربط هذا في الجزء السفلي الأوسط من اللوحة الخلفية.

1. أدر مثبتي القفل الموجودين في الجزء السفلي من غطاء مستقبل قضيب الربط بمقدار ربع لفة عكس اتجاه عقارب الساعة.

ملاحظة:

استخدم أداة مناسبة مثل العملات المعدنية في فتحة مثبت القفل إذا لزم الأمر للحصول على مزيد من الرفع.

أوزان سحب المقطورة (معدلات أقصى وزن للمقطورة)
يوفر الجدول التالي معدلات أقصى وزن للمقطورة قابل
للسحب من خلال مجموعة الدفع والحركة الخاصة
بسيارتك.

المحرك/ناقل الحركة	أقصى وزن إجمالي للمقطورة (إجمالي وزن المقطورة) - مع فرامل المقطورة	أقصى وزن إجمالي للمقطورة (إجمالي وزن المقطورة) - بدون فرامل المقطورة	وزن اللسان (راجع الملاحظة)
محرك البنزين سعة 3.6 لترات - نظام التبريد القياسي	1588 كجم (3500 رطل)	1653 رطلاً (750 كجم)	174 رطل (79 كجم)
محرك البنزين سعة 3.6 لترات - نظام تبريد الخدمة الشاقة	2812 كجم (6200 رطل)	1653 رطلاً (750 كجم)	310 رطلاً (141 كجم)
محرك البنزين سعة 5.7 لترات - نظام التبريد القياسي	5000 رطل (2268 كجم)	1653 رطلاً (750 كجم)	250 رطل (113 كجم)
محرك البنزين سعة 5.7 لترات - نظام تبريد الخدمة الشاقة (باستثناء Summit)	7716 رطلاً (3500 كجم)	1653 رطلاً (750 كجم)	377 رطلاً (171 كجم)
محرك البنزين سعة 5.7 لترات - طرز Summit مع نظام تبريد الخدمة الشاقة	6500 رطل (2949 كجم)	1653 رطلاً (750 كجم)	377 رطلاً (171 كجم)
الطرز المزودة بنظام الدفع الكلي ومحرك ديزل سعة 3.0 لترات بدون بدء تشغيل/إيقاف المحرك وسائل انبعاثات الديزل			
Summit كافة الطرز باستثناء Summit	7716 رطلاً (3500 كجم)	1653 رطلاً (750 كجم)	386 رطل (175 كجم)
Summit طراز Summit	6500 رطل (2949 كجم)	1653 رطلاً (750 كجم)	324 رطل (147 كجم)
الطرز المزودة بنظام الدفع الكلي ومحرك ديزل سعة 3.0 لترات مع بدء تشغيل/إيقاف المحرك وسائل انبعاثات الديزل			
كل الطرز باستثناء الطراز Summit والطرز Trailhawk بدون مجموعة لوح الانزلاق	7716 رطلاً (3500 كجم)	1653 رطلاً (750 كجم)	386 رطل (175 كجم)

قد يكون لتوزيع الحمل بشكل غير صحيح تأثيرًا سلبيًا على طريقة توجيه وقيادة سيارتك وطريقة تشغيل الفرامل.

تنبيه!

لا تقم بتحميل السيارة بحيث يزيد وزنها عن معدل الوزن الإجمالي للسيارة (GVWR) أو معدل الوزن الإجمالي لمحور الدوران (GAWR) الأمامي والخلفي. إذا قمت بذلك، فقد تتعرض أجزاء في سيارتك للكسر أو يمكنها تغيير طريقة قيادة السيارة. وقد يتسبب ذلك في فقدان التحكم في السيارة. ويؤدي التحميل الزائد أيضًا 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 بأكثر 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 (GVWR) هو أقصى وزن مسموح به للسيارة. ويتضمن ذلك وزن السائق والركاب والحمولة ووزن اللسان. ويجب ألا تتجاوز الحمولة الكلية معدل الوزن الإجمالي للسيارة (GVWR). راجع "تحميل السيارة/ملصق شهادة توثيق السيارة" في "البدء والتشغيل" لمزيد من المعلومات.

إجمالي وزن المقطورة (GTW)

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 (GTW) 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 (GAWR) 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 الإجمالي لمحور الدوران (GAWR) الأمامي أو الخلفي. راجع "تحميل السيارة/ملصق شهادة توثيق السيارة" في "البدء والتشغيل" لمزيد من المعلومات.

تحذير!

من الأهمية بمكان عدم تجاوز الحد الأقصى لمعدل الوزن الإجمالي لمحور الدوران (GAWR) 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 اللسان (TW)

وزن اللسان 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.

تحميل السيارة

ملصق شهادة التوثيق

كما هو مطلوب بواسطة القوانين المحلية، تحتوي سيارتك على ملصق توثيق على باب السائق أو القائم الأوسط.

يحتوي هذا الملصق على شهر وسنة تصنيع السيارة ومعدل الوزن الإجمالي للسيارة (GVWR) ومعدل الوزن الإجمالي لمحور الدوران (GAWR) الأمامي والخلفي ورقم تعريف السيارة (VIN). يحتوي هذا الملصق على رقم مكون من شهر-يوم - ساعة ويوضح هذا الرقم شهر ويوم وساعة تصنيع السيارة. الكود الشريطي الذي يظهر في أسفل الملصق هو رقم تعريف السيارة (VIN).

معدل الوزن الإجمالي للسيارة (GVWR)

معدل الوزن الإجمالي للسيارة (GVWR) هو أقصى وزن إجمالي مسموح به للسيارة بما في ذلك السائق والركاب والسيارة والمعدات الاختيارية والحمولة. يحدد الملصق أيضًا أقصى قدرات لنظامي محور الدوران الأمامي والخلفي. يجب وضع حد للوزن الإجمالي حتى لا يتم تجاوز معدل الوزن الإجمالي للسيارة (GVWR) ومعدل الوزن الإجمالي لمحور الدوران (GAWR) الأمامي والخلفي.

الحمولة الصافية

يتم تعريف الحمولة الصافية للسيارة بأنها وزن الحمل المسموح به الذي يمكن لشاحنة حملة 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 لمحور الدوران (GAWR) لكل محور.

يتم تحديد معدل الوزن الإجمالي لمحور الدوران (GAWR) لكل محور بواسطة المكونات الموجود في نظام له أقل قدرة على حمل الحمولات (محور الدوران أو الزنبركات أو الإطارات أو العجلات). ولا تعمل محاور الدوران الأثقل أو مكونات التعليق - التي يحددها المشترون أحيانًا لزيادة المتانة - بالضرورة على زيادة معدل الوزن الإجمالي للسيارة (GVWR).

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 حافة الإطار

هذا هو حجم حافة الإطار المناسب لحجم الإطار المذكور.

ضغط الانتفاخ

هذا هو ضغط انتفاخ الإطار البارد لسيارتك في جميع ظروف التحميل حتى معدل الوزن الإجمالي لمحور الدوران (GAWR).

الوزن الفارغ

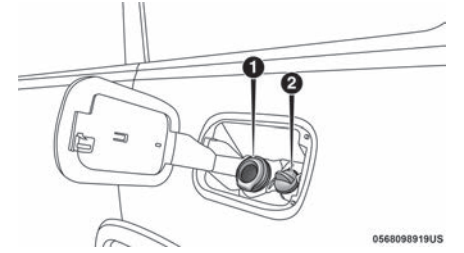
يتم تعريف الوزن الفارغ للسيارة بأنه الوزن الإجمالي للسيارة بالإضافة إلى جميع السوائل، بما في ذلك وقود السيارة في ظروف التشغيل بالقدرة الكاملة ومع عدم وجود ركاب أو حمولة محملة في السيارة. يتم تحديد قيم الوزن الفارغ الأمامي والخلفي بواسطة وزن السيارة على ميزان تجاري قبل إضافة أية ركاب أو حمولة.

التحميل

وأفضل طريقة لتحديد الوزن الإجمالي الفعلي ووزن مقدمة ومؤخرة السيارة على الأرض هي وزن السيارة وهي حمولة وجاهزة للتشغيل.

يجب وزن السيارة بالكامل أولاً على ميزان تجاري لضمان عدم تجاوز معدل الوزن الإجمالي للسيارة (GVWR). يجب بعد ذلك تحديد الوزن الواقع على مقدمة ومؤخرة السيارة بشكل منفصل للتأكد من توزيع الحمل بشكل صحيح على محور الدوران الأمامي والخلفي. قد يتضح من وزن السيارة أنه قد تم تجاوز معدل الوزن الإجمالي لمحور الدوران (GAWR) الأمامي أو الخلفي ولكن الوزن الإجمالي لا يزال في حدود معدل الوزن الإجمالي المحدد للسيارة (GVWR). 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. خزن جميع المواد غير المربوطة بأحكام بشكل محكم قبل القيادة.

1. أزل الغطاء من مدخل تعبئة سائل AdBlue (UREA) (الموجود في باب الوقود).



موقع ملء الوقود وسائل AdBlue (UREA)

1 - فتحة تعبئة وقود الديزل

2 — فتحة تعبئة سائل AdBlue (UREA)

2. أدخل فوهة/مهايئ تعبئة سائل AdBlue (UREA) في فتحة تعبئة سائل AdBlue (UREA).

ملاحظة:

• قد يستغرق تحديث مقياس سائل AdBlue (UREA) ما يصل إلى 5 ثوان بعد إضافة جالون أو أكثر من سائل AdBlue (UREA) في خزان UREA. إذا كان لديك عطل يتعلق بنظام AdBlue (UREA)، فقد لا يتم تحديث المقياس إلى المستوى الجديد. راجع الوكيل المعتمد للحصول على معلومات حول الصيانة.

• أيضًا، قد لا يتم تحديث مقياس AdBlue (UREA) على الفور بعد إعادة التعبئة إذا كانت درجة حرارة سائل

AdBlue (UREA) أقل من 12 درجة فهرنهايت (-11 درجة مئوية). سيسمح جهاز تدفئة خط AdBlue (UREA) بتدفئة سائل AdBlue (UREA) ويسمح بتحديث المقياس بعد فترة من وقت التشغيل. في ظروف الطقس البارد جدًا، قد لا يعكس المقياس مستوى الملاء الجديد لعدة مرات من القيادة.

تنبيه!

- لتفادي انسكاب سائل AdBlue (UREA) واحتمال تلف خزان سائل AdBlue (UREA) بسبب الملاء الزائد، لا تقم "بزيادة" خزان سائل AdBlue (UREA) بعد الملاء.
- لا تتجاوز حد الملاء. سيتجمد سائل AdBlue (UREA) عند أقل من 12 درجة فهرنهايت (-11 درجة مئوية). تم تصميم نظام AdBlue (UREA) للعمل في درجات حرارة أقل من نقطة تجمد AdBlue (UREA)، ولكن إذا تم ملء الخزان بصورة مفرطة وتجمد، فقد يتلف النظام.
- في حالة انسكاب سائل AdBlue (UREA)، نظف المنطقة على الفور بالماء واستخدم مادة ماصة لتتسرب انسكاب السوائل على الأرض.
- لا تحاول بدء تشغيل المحرك في حالة إضافة سائل AdBlue (UREA) بطريق الخطأ إلى خزان وقود الديزل، فقد يتسبب في تلف خطير بالمحرك، يتضمن على سبيل المثال لا الحصر تعطل مضخة الوقود والحاققات.

(تابع)

تنبيه! (تابع)

- لا تضيف أي شيء آخر غير سائل AdBlue (UREA) إلى الخزان - وخاصة أي شكل من أشكال المواد الهيدروكربونية مثل وقود الديزل أو إضافات نظام الوقود أو البنزين أو أيًا من المنتجات الأخرى ذات الأساس البترولي. فحتى الكمية الصغيرة جدًا منها، أقل من 100 جزء في المليون أو أقل من أونصة واحدة (30 مللي) لكل 78 جالونًا (295 لترًا)، ستلوث نظام AdBlue (UREA) بأكمله وسيطلب استبداله. إذا استخدم المالكون حاوية أو قمعًا أو فوهة عند إعادة ملء الخزان، فيجب أن يكون جديدًا أو واحدًا تم استخدامه فقط لإضافة سائل AdBlue (UREA). توفر Mopar فوهة قابلة للتوصيل مع سائل AdBlue (UREA) لهذا الغرض.

3. توقف عن ملء خزان AdBlue (UREA) على الفور إذا حدث أي مما يلي: توقف تدفق سائل AdBlue (UREA) من زجاجة التعبئة إلى فتحة تعبئة سائل AdBlue (UREA) أو تتأثر رذاذ AdBlue (UREA) خارج فتحة التعبئة أو إغلاق فوهة مضخة AdBlue (UREA) تلقائيًا.

4. أعد تركيب الغطاء بفتحة تعبئة AdBlue (UREA).

نظرة عامة حول النظام

هذه السيارة مزودة بنظام حقن AdBlue (UREA) وحفاز نظام تقليل التحفيز الانتقائي (SCR) لتلبية متطلبات الانبعاثات.

يتكون نظام حقن AdBlue (UREA) من المكونات التالية:

- خزان AdBlue (UREA)
- مضخة AdBlue (UREA)
- حاقن AdBlue (UREA)
- خطوط AdBlue (UREA) المسخنة إلكترونياً
- مستشعرات NOx
- مستشعرات درجة الحرارة
- حفاز نظام تقليل التحفيز الانتقائي (SCR)

يمكن كل من نظام حقن AdBlue (UREA) وحفاز نظام تقليل التحفيز الانتقائي (SCR) من تحقيق متطلبات انبعاثات الديزل، مع الحفاظ على ترشيد استهلاك الوقود المتميز والقدرة على القيادة ومعدلات العزم والطاقة.

راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للتعرف على رسائل وتحذيرات النظام.

ملاحظة:

- سيارتك مزودة بنظام حقن AdBlue (UREA). في بعض الأحيان قد تستمع إلى صوت طقطقة مسموع من أسفل السيارة. هذا أمر عادي.
- ستعمل مضخة AdBlue (UREA) لفترة من الزمن بعد إيقاف تشغيل المحرك لتطهير نظام AdBlue (UREA). ويعتبر ذلك تشغيلاً عادياً وقد يكون مسموعاً من مؤخرة السيارة.

تخزين سائل AdBlue (UREA)

يعتبر سائل AdBlue (UREA) منتجاً مستقرًا للغاية يمتاز بفترة تخزين طويلة. إذا تم الاحتفاظ بسائل AdBlue (UREA) في درجات الحرارة بين 10 درجات فهرنهايت و 90 درجة فهرنهايت (-12 درجة مئوية و 32 درجة مئوية)، فسيدوم لمدة لا تقل عن سنة واحدة.

كما أن سائل AdBlue (UREA) مُعرض للتجمد عند أقل درجات حرارة التجمد. على سبيل المثال، قد يتجمد سائل AdBlue (UREA) عند درجات الحرارة التي تبلغ أو تقل عن 12 درجة فهرنهايت (-11 درجة مئوية). وقد تم تصميم النظام للعمل في هذه البيئة.

ملاحظة:

عند التعامل مع سائل AdBlue (UREA)، من المهم معرفة التالي:

- يجب أن تكون أي حاويات أو أجزاء تتلامس مع سائل AdBlue (UREA) متوافقة مع سائل AdBlue (UREA) (سواء بلاستيكية أو من الفولاذ المقاوم للصدأ). ويجب تجنب النحاس أو النحاس الأصفر أو الألومنيوم أو الحديد أو الفولاذ المقاوم للصدأ لأنه يكون عرضة للتآكل بواسطة سائل AdBlue (UREA).
- وإذا تم سكب سائل AdBlue (UREA)، فيجب مسحه بالكامل.

إضافة سائل AdBlue (UREA)

سيعرض مقياس سائل AdBlue (UREA) (الموجود في شاشة عرض مجموعة أجهزة القياس) مستوى سائل AdBlue (UREA) المتبقي في الخزان. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

ملاحظة:

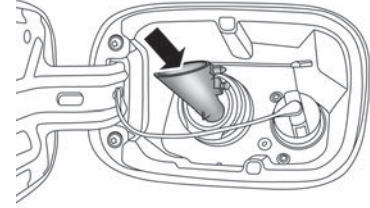
سنؤثر ظروف القيادة (الارتفاع وسرعة السيارة والحمل، إلخ)، على مقدار سائل AdBlue (UREA) الذي يُستخدم في سيارتك.

إجراء تعبئة سائل AdBlue (UREA)

ملاحظة:

راجع "السوائل وزيوت التشحيم" في قسم "المواصفات الفنية" للتعرف على نوع السائل الصحيح.

2. أدخل القمع في نفس فتحة أنبوب التعبئة كأنه فوهة تعبئة الوقود.



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موقع فتحة تعبئة الوقود في حالات الطوارئ

ملاحظة:

- تأكد من إدخال القمع بالكامل لإبقاء الباب اللوحي مفتوحًا.
3. قم بسكب الوقود في فتحة القمع.
4. أزل القمع من أنبوب التعبئة، ونظفه قبل وضعه مرة أخرى في مجموعة الإطار الاحتياطي.

تحذير!

- امتنع بتأثًا عن إشعال السجائر داخل أو قرب السيارة عندما يكون باب الوقود مفتوحًا أو أثناء تعبئة الخزان.
- لا تصف مطلقًا أي كمية من الوقود أثناء تشغيل المحرك. يعتبر هذا انتهاكًا لقوانين معظم الدول وقد يتسبب ذلك في إضاءة "ضوء مؤشر العطل".

تحذير! (تابع)

- قد يحدث حريق في حالة ضخ كمية من الوقود داخل حاوية متنقلة موجودة داخل السيارة. وقد تصاب بحروق. دائمًا ضع حاويات الوقود على الأرض عند تعبئتها.

تنبيه!

لتفادي انسكاب الوقود وغمر الخزان، لا تواصل ضخ البنزين بعد امتلاء خزان الوقود.

تجنب استخدام الوقود الملوث

يمكن أن يتسبب الوقود الملوث بالماء أو الأوساخ إلى حدوث تلف خطير في نظام وقود المحرك. تعتبر الصيانة الصحيحة لفلتر وقود المحرك وخزان الوقود ضرورية. راجع "خدمة الوكيل" في "الخدمة والصيانة" للحصول على مزيد من المعلومات.

تخزين الوقود بالجملة - وقود الديزل

إذا قمت بتخزين كميات من الوقود، فمن الضروري أيضًا إجراء صيانة جيدة للوقود المخزن. حيث إن تلوث الوقود بالماء سيعزز نمو "ميكروبات". تكون هذه الميكروبات "مادة لزجة" تقوم بسد نظام ترشيح الوقود والأنابيب. لذا احرص على تصريف التكتف بخزان التزويد وتغيير مصدر تغيير فلتر الأنابيب بشكل منتظم.

ملاحظة:

وإذا كان من المسموح تشغيل محرك الديزل أثناء نفاذ الوقود به، فسيتم سحب الهواء إلى نظام الوقود.

(تابع)

إذا لم يبدأ تشغيل السيارة، فراجع "الصيانة لدى الوكيل / التحضير إذا نفذ وقود المحرك" في "الخدمة والصيانة" للحصول على مزيد من المعلومات.

تحذير!

لا تفتح نظام الوقود عالي الضغط أثناء تشغيل المحرك. فقد يتسبب تشغيل المحرك في ارتفاع ضغط الوقود. يمكن أن يتسبب رذاذ الوقود عالي الضغط في إصابة بالغة أو الوفاة.

سائل AdBlue (UREA) - إذا كانت السيارة مزودة بذلك

سيارتك مزودة بنظام تقليل التحفيز الانتقائي لتتوافق مع معايير انبعاثات الديزل الصارمة للغاية.

والغرض من نظام تقليل الحفاز الانتقائي (SCR) هو تقليل مستويات NOx (أو أكاسيد النيتروجين المنبعثة من المحركات) التي تضر الصحة والبيئة لمستوى يقارب الصفر. يتم حقن كميات صغيرة من AdBlue (UREA) في الاتجاه الصاعد لعادم الحفاز حيث إنه، في حالة تبخره، يُحول أكاسيد النيتروجين المتكونة على شكل ضباب دخاني (NOx) إلى نيتروجين غير ضار (N₂) وبخار ماء (H₂O)، وهما مكونان طبيعيين للهواء الذي نتنفسه. يمكنك التشغيل وأنت تعلم أن سيارتك تساهم في الحفاظ على بيئة عالمية نظيفة وصحية أكثر للأجيال القادمة.

3. أدخل فوهة أداة ملء الوقود داخل أنبوب التعبئة - تفتح الفوهة وتمسك الباب اللوحي أثناء إعادة التزويد بالوقود.

4. تزويد السيارة بالوقود - عندما يصدر عن فوهة فتحة الوقود صوت "طقطقة"، أو عند قفلها، فإن ذلك يشير إلى أن خزان الوقود ممتلئ.

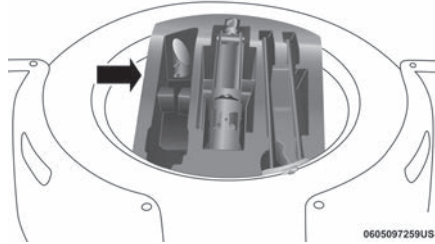
5. انتظر 5 ثوان قبل إزالة الفوهة للسماح بتصريف الوقود من الفوهة.

6. أزل فوهة فتحة الوقود وأغلق باب الوقود. إعادة التزود بالوقود في حالات الطوارئ

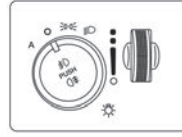
لن تفتح معظم علب الوقود الباب اللوحي.

لذا يتوفر قمع لفتح الباب اللوحي للسماح بإعادة التزود بالوقود من علبه الوقود في حالات الطوارئ.

1. قم باستعادة القمع من مجموعة الإطار الاحتياطي.



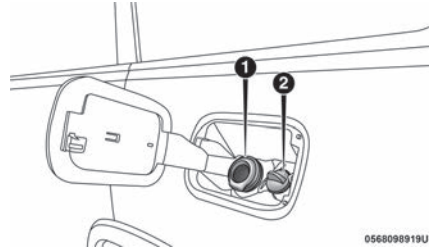
موقع قمع فتحة تعبئة الوقود



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مفتاح تحرير باب فتحة تعبئة الوقود

2. افتح باب فتحة تعبئة الوقود.



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موقع ملء الوقود وسائل AdBlue (UREA)

1 — موقع فتحة تعبئة الوقود

2 — موقع ملء سائل AdBlue (UREA)

ملاحظة:

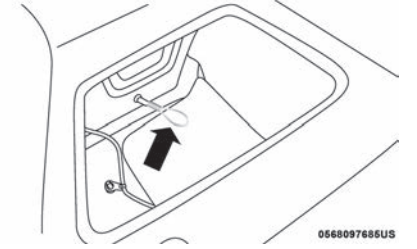
لا يوجد غطاء لفتحة تعبئة الوقود. يعمل الباب اللوحي داخل الأنبوب على سد النظام.

2. اضغط على الحافة الداخلية من علبه التخزين اليسرى إلى المنتصف، سيؤدي هذا إلى خروج الحافة الخارجية.

3. أمسك الحافة الخارجية التي ظهرت باليد الأخرى لإلغاء تعشيق مشابك الإمساك.

4. أزل علبه التخزين.

5. اسحب كابل التحرير لفتح باب تعبئة الوقود، ثم اضغط على كابل التحرير ليعود إلى موضعه الأصلي لإعادة وضع مزلاج باب تعبئة الوقود لمكانه إلى الوضع المغلق.



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كابل التحرير

ملاحظة:

إذا لم يتم إغلاق باب تعبئة الوقود بالمزلاج بعد تنشيط كابل التحرير اليدوي، فيجب إعادة مزلاج المشغل يدويًا إلى الوضع المغلق.

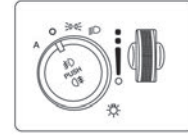
تزويد السيارة بالوقود - محرك الديزل

1. اضغط على مفتاح تحرير باب فتحة تعبئة الوقود (الموجود أسفل مفتاح المصباح الأمامي).

أقل من 13 كم/ساعة (8 أميال/الساعة)، فسيتم عرض صورة كاميرا الرؤية الخلفية بشكل مستمر حتى يتم تعطيلها من خلال زر "X" على شاشة اللمس.

تزويد السيارة بالوقود - محرك البنزين

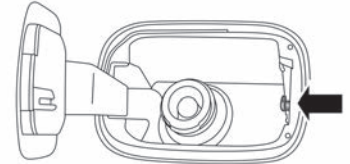
1. اضغط على مفتاح تحرير باب فتحة تعبئة الوقود (الموجود أسفل مفتاح الضوء الأمامي).



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مفتاح تحرير باب فتحة تعبئة الوقود

2. افتح باب فتحة تعبئة الوقود.



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مزلاج باب فتحة تعبئة الوقود

ملاحظة:

في بعض ظروف الطقس البارد، قد يمنع الجليد فتح باب الوقود. وفي حالة حدوث ذلك، اضغط برفق على باب الوقود لتكسير التراكم الثلجي وإعادة تحرير باب الوقود باستخدام زر التحرير الداخلي. لا تقم بفك الباب.

3. لا يوجد غطاء لفتحة تعبئة الوقود. يعمل بابان قلابان داخل الأنبوب على غلق النظام.

4. أدخل فوهة الوقود داخل أنبوب التعبئة بالكامل، تفتح الفوهة وتثبت البابين القلابين أثناء إعادة التزويد بالوقود.

5. تزويد السيارة بالوقود، عندما يصدر عن فوهة فتحة الوقود صوت "طقطقة"، أو عند قفلها، فإن ذلك يشير إلى أن خزان الوقود ممتلئ.

6. انتظر 5 ثوان قبل إزالة فوهة فتحة الوقود للسماح بتصريف الوقود من الفوهة.

7. أزل فوهة فتحة الوقود وأغلق باب الوقود. إعادة تعبئة علبه الوقود المستخدمة في الطوارئ

معظم علب الوقود لن تفتح الأبواب القلابية.

لذا تم توفير قمع لفتح الأبواب القلابية للسماح بإعادة التزود بالوقود من علبه الوقود في حالات الطوارئ.

1. قم باستعادة القمع من منطقة التخزين عند الإطار الاحتياطي.

2. أدخل القمع في نفس فتحة أنبوب التعبئة كأنه فوهة تعبئة الوقود.

3. تأكد من إدخال القمع بالكامل لتثبيت الأبواب القلابية 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 بتأثراً عن إشعال السجائر داخل أو قرب السيارة عندما يكون باب الوقود مفتوحاً أو أثناء تعبئة الخزان.
- لا تضيف مطلقاً أي كمية من الوقود أثناء تشغيل المحرك. يعتبر هذا انتهاكاً لقوانين معظم الدول وقد يتسبب ذلك في إضاءة "ضوء مؤشر العطل".
- قد يحدث حريق في حالة ضخ كمية من الوقود داخل حاوية متحركة موجودة داخل السيارة. وقد تصاب بحروق. دائماً ضع حاويات الوقود على الأرض عند تعبئتها.

تنبيه!

لتفادي انسكاب الوقود وغمر الخزان، لا تواصل ضخ البنزين بعد امتلاء خزان الوقود.

تحرير باب فتحة تعبئة الوقود في حالة الطوارئ

إذا لم يمكنك فتح باب فتحة تعبئة الوقود، فاستخدم مفتاح تحرير باب فتحة تعبئة خزان الوقود في حالة الطوارئ.

1. افتح باب المؤخرة.

ملاحظة:

تحتوي كاميرا الرجوع الخلفية ParkView على أوضاع تشغيل قابلة للبرمجة قد يتم تحديدها من خلال نظام Uconnect.

راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) (مع ضبط تأخير الكاميرا على إيقاف التشغيل)، يتم الخروج من وضع الكاميرا الخلفية وتظهر الشاشة السابقة.

عند تمكينها، تتراب خطوط التوجيه النشطة على الصورة لتوضح عرض السيارة ومسار الرجوع للخلف اعتمادًا على موضع عجلة القيادة. يشير تراكب الخط الأوسط المتقطع إلى مركز السيارة للمساعدة باستخدام التوقف أو المحاذاة مع بقضييب ربط/المستقبل. توضح المناطق ذات الألوان المختلفة المسافة إلى مؤخرة السيارة. يوضح الجدول التالي المسافات التقريبية لكل منطقة:

المنطقة	المسافة حتى مؤخرة السيارة
أحمر	0 - 1 قدم (0 - 30 سم)
أصفر	1 قدم - 6.5 أقدام (30 سم - 2 م)
أخضر	6.5 أقدام أو أكبر (2 م أو أكبر)

ملاحظة:

إذا تراكم الثلج أو الطين أو أي مادة غريبة على عدسة الكاميرا، فتنظف العدسة واشطفها بالماء وجففها بقطعة قماش ناعمة. لا تقم بتغطية العدسة.

الكاميرا الخلفية - العرض أثناء الحركة بسرعة

عندما تكون السيارة في وضع التوقف أو اللاتعشيق أو القيادة، يمكن تنشيط كاميرا الرؤية الخلفية باستخدام زر "Rear View Camera" (كاميرا الرؤية الخلفية) في قائمة Controls (مفاتيح التحكم). وتتيح هذه الميزة للمعيل مراقبة المنطقة خلف السيارة مباشرة (أو المقطورة، إذا كانت السيارة مزودة بذلك) لمدة تصل إلى عشر ثوان أثناء الحركة بسرعة. إذا ظلت سرعة السيارة

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 ليمتكنك إيقاف السيارة بمجرد مشاهدة العائق. يوصى بأن ينظر السائق خلفه بشكل متكرر عند استخدام نظام ParkView.

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 إصابة بالغة أو الوفاة.

- لن يستعمل النظام العزم على عجلة القيادة عند تشغيل أي نظام من أنظمة السلامة (الفرامل المانعة للانغلاق، نظام التحكم في الجبر، نظام التحكم في الاستقرار الإلكتروني، التحذير بشأن التصادم الأمامي، إلخ).

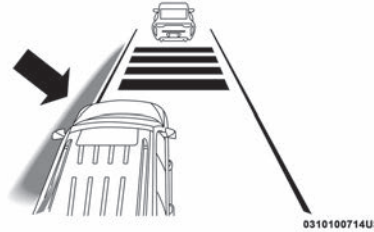
كاميرا الرجوع الخلفية PARKVIEW - إذا كانت السيارة مزودة بذلك

تتيح لك كاميرا الرجوع للخلف للـ ParkView رؤية صورة على الشاشة للبيئة المحيطة الخلفية للسيارة عند وضع محدد التروس في وضع REVERSE (الرجوع للخلف). سيتم عرض الصورة على شاشة عرض نظام الملاحه/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 للـ ParkView على الجزء الخلفي للسيارة فوق لوحة الأرقام الخلفية.

عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) (مع ضبط تأخير الكاميرا على إيقاف التشغيل)، يتم الخروج من وضع الكاميرا الخلفية ويتم عرض شاشة الملاحه أو الراديو مرة أخرى.

التنشيط اليدوي لكاميرا الرؤية الخلفية

1. اضغط على زر "Controls" (مفاتيح التحكم) الموجود في أسفل شاشة Uconnect.
2. اضغط على زر "Backup Camera" (كاميرا الرجوع للخلف) لتشغيل نظام كاميرا الرؤية الخلفية.



اقتراب الحارة (الخط السميك باللون الأصفر الوامض، الخط الرفيع باللون الأصفر الثابت/مؤشر تحذيري باللون الأصفر الوامض) ()

ملاحظة:

يعمل نظام LaneSense (استشعار الحارة) بشكل مشابه في مغادرة الحارة اليمنى.

تغيير حالة نظام LaneSense (استشعار الحارة)

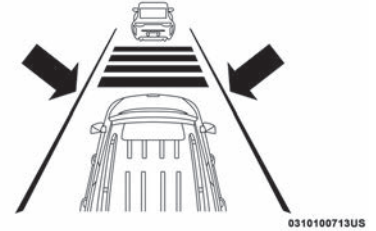
يحتوي نظام LaneSense (استشعار الحارة) على إعدادات لضبط شدة حساسية تحذير العزم وحساسية منطقة التحذير (في وقت مبكر/في وقت متأخر) التي يمكنك تهيئتها من خلال شاشة نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

ملاحظة:

• عند تمكين هذا الإعداد يعمل النظام عند التحرك بسرعة أعلى من 60 كم/ساعة (37 ميلا/الساعة) أقل من 180 كم/ساعة (112 ميلا/الساعة).

- يؤدي استخدام إشارة الانعطاف إلى إبطال التحذيرات.

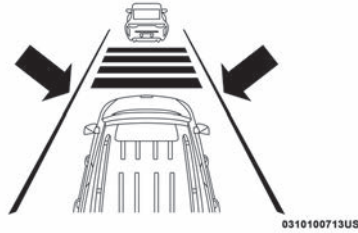
- على سبيل المثال: عند الاقتراب من الجانب الأيسر من الحارة، سوف تدور عجلة القيادة إلى اليمين.



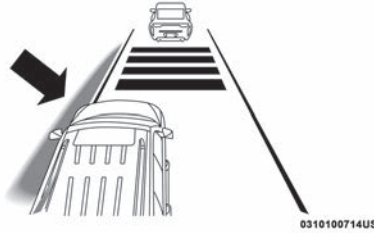
اقتراب الحارة (الخط السميك باللون الأصفر الثابت، الخط الرفيع باللون الأصفر الثابت/مؤشر تحذيري باللون الأصفر الثابت) ()

- عند استشعار نظام LaneSense (استشعار الحارة) اقتراب الحارة وفي حالة مغادرة الحارة، ويومض خط الحارة اليسرى السميك باللون الأصفر (يضىء/ينطفئ)، ويظل الخط الأيسر الرفيع باللون الأصفر الثابت. يتغير مؤشر LaneSense (استشعار الحارة) التحذيري من الأصفر الثابت إلى الأصفر الوامض. في هذا الوقت يتم تطبيق العزم على عجلة القيادة في الاتجاه المعاكس لحدود الحارة.

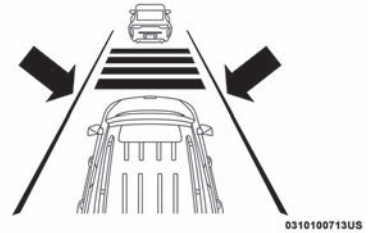
- على سبيل المثال: عند الاقتراب من الجانب الأيسر من الحارة، سوف تدور عجلة القيادة إلى اليمين.



استشعار الحارات (خطوط باللون الأبيض/مؤشر تحذيري باللون الأخضر) ()



اقتراب الحارة (الخط السميك باللون الأصفر الوامض، الخط الرفيع باللون الأصفر الثابت/مؤشر تحذيري باللون الأصفر الوامض) ()



تشغيل النظام (خطوط باللون الرمادي/ضوء تحذيري باللون الأبيض) ()

مغادرة الحارة اليسرى - اكتشاف الحارة اليسرى فقط

- عند تشغيل نظام LaneSense (استشعار الحارة)، يظل المؤشر التحذيري () لنظام LaneSense (استشعار الحارة) باللون الأبيض الثابت عند اكتشاف علامة الحارة اليسرى فقط، ويصبح النظام جاهزًا لتوفير تحذيرات مرئية في شاشة عرض مجموعة أجهزة القياس إذا حدثت مغادرة للحارة بصورة غير مقصودة.
- عند استشعار نظام LaneSense (استشعار الحارة) اقتراب الحارة وفي حالة مغادرة الحارة، يومض خط الحارة اليسرى السميك باللون الأصفر (تشغيل/إيقاف تشغيل)، ويظل الخط الأيسر الرفيع باللون الأصفر الثابت ويتغير مؤشر LaneSense (استشعار الحارة) التحذيري () من الأبيض الثابت إلى الأصفر الوامض.

ملاحظة:

يعمل نظام LaneSense (استشعار الحارة) بشكل مشابه في مغادرة الحارة اليمنى وعند اكتشاف علامة الحارة اليمنى فقط.

مغادرة الحارة اليسرى - اكتشاف كلتا الحارتين

- عند تشغيل نظام LaneSense (استشعار الحارة)، تتحول خطوط الحارة من اللون الرمادي إلى الأبيض للإشارة إلى أن كلتا علامتي الحارتين تم اكتشافهما. يكون المؤشر التحذيري () لنظام LaneSense (استشعار الحارة) باللون الأخضر الثابت عند اكتشاف علامتي الحارتين، ويتم تشغيل النظام ليوفر تحذيرات مرئية في شاشة عرض مجموعة أجهزة القياس وتحذيرًا خاصًا بالعزم في عجلة القيادة إذا حدثت مغادرة للحارة بشكل غير مقصود.

- عند استشعار نظام LaneSense (استشعار الحارة) حالة انحراف عن الحارة، يتحول خط الحارة اليسرى السميك وخط الحارة اليمنى الرفيع إلى اللون الأصفر الثابت. يتغير المؤشر التحذيري () لنظام LaneSense (استشعار الحارة) من اللون الأخضر الثابت إلى الأصفر الثابت. في هذا الوقت يتم تطبيق العزم على عجلة القيادة في الاتجاه المعاكس لحدود الحارة.

ميزة LANESENSE (استشعار الحارة) -

إذا كانت السيارة مزودة بذلك

تشغيل نظام LaneSense (استشعار الحارة)

عند تشغيل نظام LaneSense (استشعار الحارة) بسرعات أعلى من 37 ميلا/الساعة (60 كم/ساعة) وأقل من 112 ميلا/الساعة (180 كم/ساعة). يستخدم نظام LaneSense (استشعار الحارة) كاميرا متجهة للأمام لاكتشاف علامات الحارة وقياس وضع السيارة ضمن حدود الحارة.

عند اكتشاف كلا علامتي الحارة وغادر السائق الحارة بشكل غير متعمد، (بدون تشغيل إشارة انعطاف)، يوفر نظام LaneSense (استشعار الحارة) تحذيرًا ملموسًا في شكل العزم المطبق على عجلة القيادة لمطالبة السائق بالبقاء ضمن حدود الحارة. إذا استمر السائق في مغادرة الحارة بشكل غير متعمد، فسوف ير نظام LaneSense (استشعار الحارة) تحذيرًا مرئيًا عبر شاشة عرض مجموعة أجهزة القياس لمطالبة السائق بالبقاء ضمن حدود الحارة.

قد يتجاوز السائق التحذير الملموس بديويًا عن طريق تطبيق العزم في عجلة القيادة في أي وقت.

في حالة اكتشاف علامة واحدة فقط للحارة وسار السائق عبر علامة الحارة بشكل غير متعمد (بدون تشغيل إشارة انعطاف)، يصدر نظام LaneSense (استشعار الحارة) تحذيرات مرئية عبر شاشة عرض مجموعة أجهزة القياس لمطالبة السائق بالبقاء ضمن الحارة. في حالة اكتشاف إحدى علامتي الحارة، لن يتم توفير تحذير ملموس (العزم).

ملاحظة:

عندما تتوفر ظروف التشغيل، يراقب نظام LaneSense (استشعار الحارة) وجود يدي السائق على عجلة القيادة ويوفر تحذيرًا صوتيًا للسائق عند عدم اكتشاف يدي السائق على عجلة القيادة. سيتم إلغاء النظام إذا لم يعيد السائق يديه إلى عجلة القيادة.

تشغيل نظام LaneSense (استشعار الحارة) أو إيقاف تشغيله

الحالة الافتراضية لنظام LaneSense (استشعار الحارة) هي "off" (إيقاف التشغيل). سيضيء مصباح LED في زر LaneSense (استشعار الحارة) أثناء إلغاء تنشيط النظام.

يوجد زر LaneSense (استشعار الحارة) في لوحة المفاتيح أسفل شاشة نظام Uconnect OFF

لتشغيل نظام LaneSense (استشعار الحارة)، اضغط على زر LaneSense (استشعار الحارة) (ينطفئ مصباح LED). يتم عرض رسالة "LaneSense On" (تم تشغيل استشعار الحارة) في شاشة عرض مجموعة أجهزة القياس.

LaneSense
On

0617094650US

رسالة "LaneSense On" (تم تشغيل استشعار الحارة)

لإيقاف تشغيل نظام LaneSense (استشعار الحارة)، اضغط على زر LaneSense (استشعار الحارة) مرة واحدة (يضيء مصباح LED).

ملاحظة:

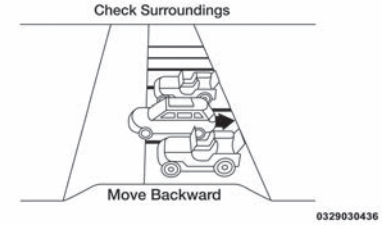
سيذكر نظام LaneSense (استشعار الحارة) آخر حالة للنظام on (التشغيل) أو off (إيقاف التشغيل) من آخر دورة تشغيل عند تغيير وضع مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

رسالة تحذير نظام LaneSense (استشعار الحارة) يشير نظام LaneSense (استشعار الحارة) إلى حالة خط السير داخل الحارة الحالية من خلال شاشة عرض مجموعة أجهزة القياس.

شاشة عرض مجموعة أجهزة القياس المتميزة

عند تشغيل نظام LaneSense (استشعار الحارة)، ستكون خطوط الحارة باللون الرمادي عند عدم اكتشاف

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للخلف.



Check Surroundings — Move Backward (التحقق من المنطقة المحيطة - التحرك للخلف)

0329030437

Active ParkSense Complete — Check Parking Position (اكتمل نظام ParkSense النشط - تحقق من موضع التوقف)

تحذير! (تابع)

- 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 وذلك عند إضاءة إصدار مكبر الصوت لنغمة مستمرة. ويمكن للمستشعرات أيضًا اكتشاف مجموعة تركيب كرة السحب وكرة قضيب الربط، اعتمادًا على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

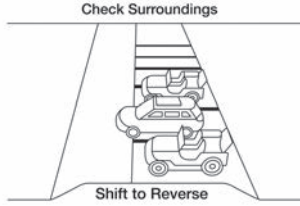
تحذير!

- 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 تقفد وجود مشاة أو حيوانات أو سيارات أخرى أو عوائق ومراجعة المناطق غير المرئية قبل الرجوع للخلف أو التحرك للأمام. تتحمل أنت مسؤولية القيادة ويجب عليك الاستمرار في الانتباه إلى ما حولك. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابة بالغة أو الوفاة.

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.
- يجب قيادة السيارة ببطء عند استخدام نظام مساعد التوقف النشط ParkSense ليتمكنك إيقاف السيارة وقت اكتشاف العائق. ينصح بأن ينظر السائق خلف كتفه عند استخدام نظام مساعد التوقف النشط ParkSense.

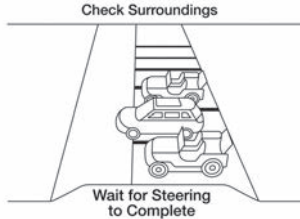
(تابع)



0329030434

Check Surroundings — Shift To Reverse (التحقق من المنطقة المحيطة - النقل إلى ترس الرجوع للخلف)

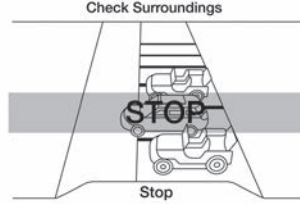
عندما يقوم السائق بوضع محدد التروس في وضع REVERSE (الرجوع للخلف)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.



0329030435

Check Surroundings — Wait For Steering To Complete (التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه)

عند وصول السيارة إلى نهاية حركتها للأمام، يقوم النظام بإرشاد السائق إلى التحقق من المنطقة المحيطة وإيقاف حركة السيارة.



0329030433

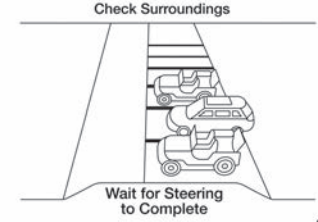
Check Surroundings — STOP (التحقق من المنطقة المحيطة - التوقف)

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 مطلوباً.

بمجرد توقف السيارة، سيتم إرشاد السائق إلى وضع محدد التروس في وضع REVERSE (الرجوع للخلف).

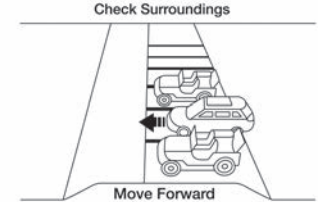
عندما يقوم السائق بوضع محدد التروس في وضع DRIVE (القيادة)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.



0329030431

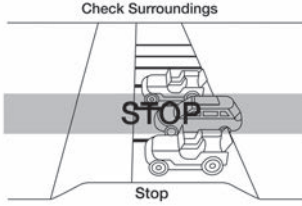
Check Surroundings — Wait For Steering To Complete (التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه)

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للأمام.



0329030432

Check Surroundings — Move Forward (التحقق من المنطقة المحيطة - التحرك للأمام)

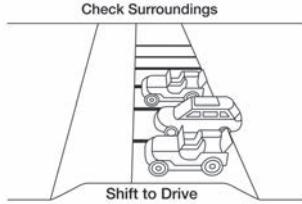


0329030429
Check Surroundings — STOP (التحقق من المنطقة المحيطة - التوقف)

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 مطلوباً.

بمجرد توقف السيارة، سيتم إرشاد السائق إلى وضع محدد التروس في وضع DRIVE (القيادة).



0329030430
Check Surroundings — Shift To Drive (التحقق من المنطقة المحيطة - النقل إلى ترس القيادة)

ملاحظة:

• تقع على السائق مسؤولية استخدام الفرامل ودواسة الوقود أثناء التوقف المناورة شبه الأوتوماتيكية.

• عندما يوجه النظام السائق إلى رفع اليدين عن عجلة القيادة، فيجب على السائق التحقق من المنطقة المحيطة والبدء في الرجوع للخلف ببطء.

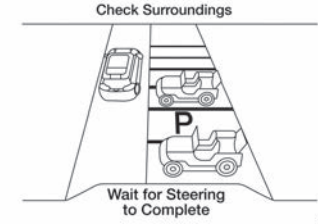
• يسمح نظام مساعد التوقف النشط ParkSense بست نقلات كحد أقصى بين وضعي DRIVE (القيادة) و REVERSE (الرجوع للخلف). إذا تعذر إكمال المناورة خلال 6 نقلات، فسيتم إلغاء النظام وسترشد شاشة عرض مجموعة أجهزة القياس السائق إلى إكمال المناورة يدوياً.

• سيقوم النظام بإلغاء المناورة إذا تجاوزت سرعة السيارة عن 7 كم/ساعة (5 أميال/الساعة) أثناء توجيه القيادة النشط في مكان التوقف. ويقوم النظام بتقديم تحذير للسائق عند الوصول لسرعة 5 كم/ساعة (3 أميال/الساعة) ليعلمه بإبطاء السرعة. وسيكون عندئذ السائق مسؤولاً عن الانتهاء من المناورة إذا تم إلغاء النظام.

• إذا تم إلغاء النظام أثناء المناورة لأي سبب، فيجب على السائق التحكم في السيارة.

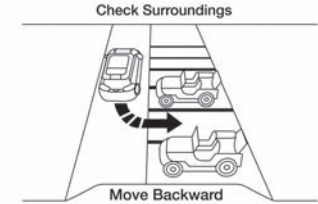
• عند وصول السيارة إلى نهاية حركتها للخلف، يقوم النظام بإرشاد السائق إلى التحقق من المنطقة المحيطة وإيقاف حركة السيارة.

عندما يقوم السائق بوضع محدد التروس في وضع REVERSE (الرجوع للخلف)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.



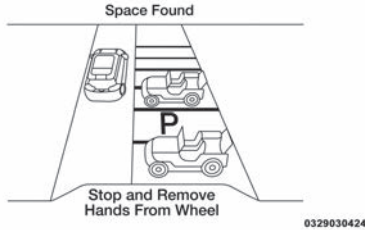
0329030427
Check Surroundings — Wait For Steering To Complete (التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه)

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للخلف.



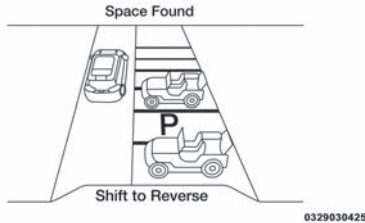
0329030428
Check Surroundings — Move Backward (التحقق من المنطقة المحيطة - التحرك للخلف)

بمجرد وجود السيارة في الموضع، سيتم إرشادك لإيقاف حركة السيارة مع رفع يديك عن عجلة القيادة.



تم العثور على مساحة خالية - قف وارفع يديك عن عجلة القيادة

بمجرد توقف السيارة مع رفع يديك عن عجلة القيادة، يُطلب منك وضع محدد التروس في وضع REVERSE (الرجوع للخلف).



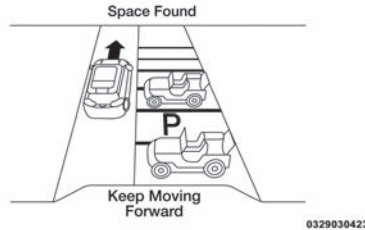
تم العثور على مساحة خالية - النقل إلى وضع REVERSE (الرجوع للخلف)

• 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 أبواب خلفية أو ما شابه من الأشياء/السيارات المحيطة).

• عند السعي لإيجاد مكان للتوقف، ينبغي أن يقود السائق بصورة موازية أو عمودية (تبعًا لنوع المناورة) بالنسبة للسيارات الأخرى قدر الإمكان.

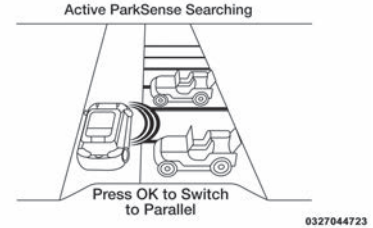
• سوف تشير هذه الميزة فقط إلى آخر مكان توقف تم اكتشافه (مثل: إذا مررت على أماكن توقف متعددة، فسيقوم النظام فقط بالإشارة إلى آخر مكان للتوقف تم اكتشافه لإجراء المناورة).

• عند العثور على مكان توقف متاح والسيارة ليست في وضع، سيتم توجيهك للتحرك إلى الأمام للوضع الذي تكون فيه السيارة متوقفة بشكل عمودي.



تم العثور على مساحة خالية - تابع التحرك للأمام

بمجرد قيام السائق بالضغط على OK (موافق) من أجل مناورة التوقف العمودية، سوف تظهر الرسالة "Active ParkSense Searching - Push OK to ParkSense Switch" (يقوم نظام ParkSense بالبحث - اضغط على OK (موافق) للانتقال إلى الوضع الموازي) على شاشة عرض مجموعة أجهزة القياس.



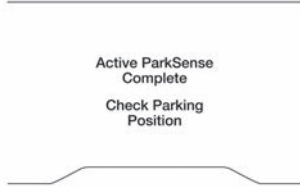
شاشة عرض البحث بنظام ParkSense النشط

ملاحظة:

• عند البحث عن مكان للتوقف، استخدم مؤشر إشارة الانعطاف لتحديد أي جانب من السيارة ترغب في إجراء مناورة التوقف منه. سيقوم نظام مساعد التوقف النشط ParkSense تلقائيًا بالبحث عن مكان للتوقف من ناحية جانب الراكب من السيارة إذا لم يتم تنشيط إشارة الانعطاف.

• ينبغي أن يتأكد السائق أن مكان التوقف المحدد لإجراء المناورة خاليًا وليس به أي عوائق (مثل: المشاة أو الدراجات أو ما شابه).

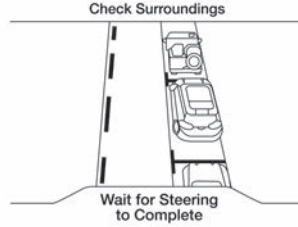
الانتقال إلى وضع PARK (التوقف). سيتم عرض الرسالة "Active ParkSense Complete - Check ParkSense Position" (اكتمل نظام ParkSense بالتوقف بشكل مؤقت).
النشط - تحقق من موضع التوقف) بشكل مؤقت.



0329030421

Active ParkSense Complete — Check Parking Position
(اكتمل نظام ParkSense النشط - تحقق من موضع التوقف)

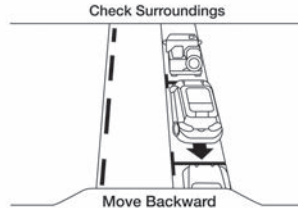
تشغيل/شاشة عرض مساعد مكان التوقف العمودي عند تمكين نظام مساعد التوقف النشط ParkSense، تظهر الرسالة "Active ParkSense Searching - Push OK to Switch to Perpendicular" (يقوم نظام ParkSense النشط بالبحث - اضغط على OK (موافق) للانتقال إلى الوضع العمودي) على شاشة عرض مجموعة أجهزة القياس. اضغط على زر OK (موافق) على الجانب الأيسر من مفتاح عجلة القيادة لتغيير إعداد مكان التوقف إلى مناورة عمودية. إذا كنت ترغب، فيمكنك التبديل إلى التوقف بصورة موازية.



0329030419

Check Surroundings — Wait For Steering To Complete
(التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه)

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للخلف.



0329030420

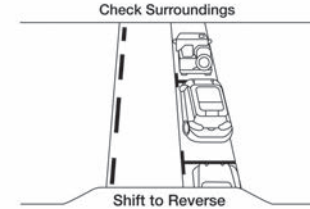
Check Surroundings — Move Backward
(التحقق من المنطقة المحيطة - التحرك للخلف)

السيارة الآن في وضع التوقف المتوازي. عند اكتمال المناورة، سيتم توجيه السائق إلى فحص موضع توقف السيارة. في حالة رضا السائق عن وضع السيارة، ينبغي

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 مطلوباً.

بمجرد توقف السيارة، سيتم إرشاد السائق إلى وضع محدد التروس في وضع REVERSE (الرجوع للخلف).

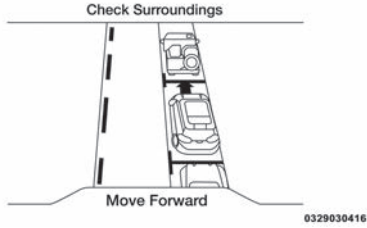


0329030418

Check Surroundings — Shift To Reverse
(التحقق من المنطقة المحيطة - النقل إلى ترس الرجوع للخلف)

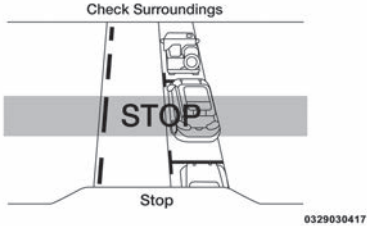
عندما يقوم السائق بوضع محدد التروس في وضع REVERSE (الرجوع للخلف)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للأمام.

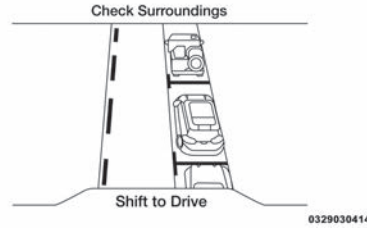


Check Surroundings — Move Forward (التحقق من المنطقة المحيطة - التحرك للأمام)

عند وصول السيارة إلى نهاية حركتها للأمام، يقوم النظام بإرشاد السائق إلى التحقق من المنطقة المحيطة وإيقاف حركة السيارة.

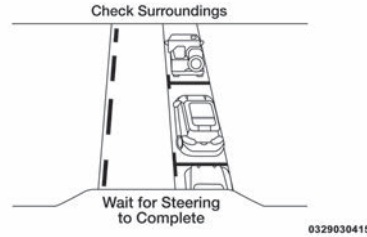


Check Surroundings — STOP (التحقق من المنطقة المحيطة - التوقف)



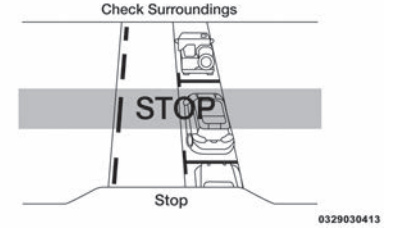
Check Surroundings — Shift To Drive (التحقق من المنطقة المحيطة - النقل إلى ترس القيادة)

عندما يقوم السائق بوضع محدد التروس في وضع DRIVE (القيادة)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.



Check Surroundings — Wait For Steering To Complete (التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه)

عند وصول السيارة إلى نهاية حركتها للخلف، يقوم النظام بإرشاد السائق إلى التحقق من المنطقة المحيطة وإيقاف حركة السيارة.



Check Surroundings — STOP (التحقق من المنطقة المحيطة - التوقف)

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 مطلوباً.

بمجرد توقف السيارة، سيتم إرشاد السائق إلى وضع محدد التروس في وضع DRIVE (القيادة).

ملاحظة:

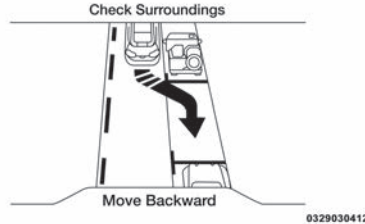
- تقع على السائق مسؤولية استخدام الفرامل ودواسة الوقود أثناء التوقف المناورة شبه الأوتوماتيكية.
- عندما يوجه النظام السائق إلى رفع اليدين عن عجلة القيادة، فيجب على السائق التحقق من المنطقة المحيطة والبدء في الرجوع للخلف ببطء.
- يسمح نظام مساعد التوقف النشط ParkSense بست نقلات كحد أقصى بين وضعي (القيادة) DRIVE و REVERSE (الرجوع للخلف). إذا تعذر إكمال المناورة في خلال 6 انتقالات للتروس، فسيتم إلغاء النظام وسترشد شاشة عرض مجموعة أجهزة القياس السائق إلى إكمال المناورة يدوياً.
- سيقوم النظام بإلغاء المناورة إذا تجاوزت سرعة السيارة عن 7 كم/ساعة (5 أميال/الساعة) أثناء توجيه القيادة النشط في مكان التوقف. ويقوم النظام بتقديم تحذير للسائق عند الوصول لسرعة 5 كم/ساعة (3 أميال/الساعة) ليعلمه بإبطاء السرعة. وسيكون عندئذ السائق مسؤولاً عن الانتهاء من المناورة إذا تم إلغاء النظام.
- إذا تم إلغاء النظام أثناء المناورة لأي سبب، فيجب على السائق التحكم في السيارة.

عندما يقوم السائق بوضع محدد التروس في وضع REVERSE (الرجوع للخلف)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.



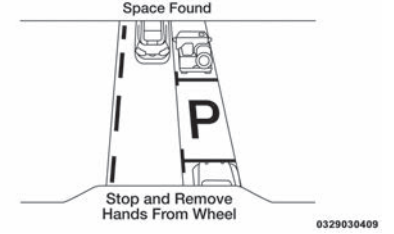
Check Surroundings — Wait For Steering To Complete
(التحقق من المنطقة المحيطة - الانتظار حتى اكتمل التوجيه)

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للخلف.

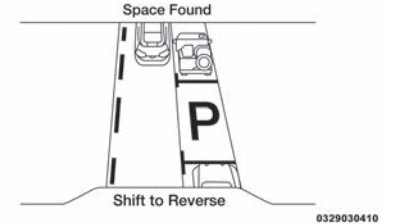


Check Surroundings — Move Backward
(التحقق من المنطقة المحيطة - التحرك للخلف)

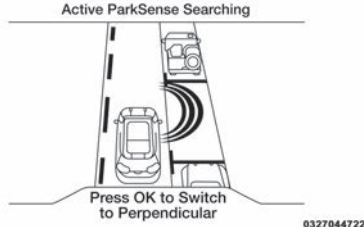
بمجرد وجود السيارة في الموضع، سيتم إرشادك لإيقاف حركة السيارة مع رفع يديك عن عجلة القيادة.



تم العثور على مساحة خالية - قف وارفع يديك عن عجلة القيادة بمجرد توقف السيارة مع رفع يديك عن عجلة القيادة، يُطلب منك وضع محدد التروس في وضع REVERSE (الرجوع للخلف).

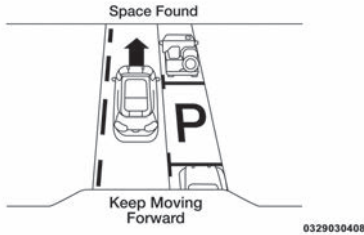


تم العثور على مساحة خالية - النقل إلى وضع REVERSE (الرجوع للخلف)



يقوم نظام ParkSense النشط بالبحث

عند العثور على مكان توقف متاح والسيارة ليست في وضع، سيتم توجيهك للتحرك إلى الأمام للوضع الذي تكون فيه السيارة متوقفة بشكل متواز.



تم العثور على مساحة خالية - تابع التحرك للأمام

• عند البحث عن مكان للتوقف، استخدم مؤشر إشارة الانعطاف لتحديد أي جانب من السيارة ترغب في إجراء مناورة التوقف منه. سيقوم نظام مساعد التوقف النشط ParkSense تلقائيًا بالبحث عن مكان للتوقف من ناحية جانب الراكب من السيارة إذا لم يتم تنشيط إشارة الانعطاف.

• ينبغي أن يتأكد السائق أن مكان التوقف المحدد لإجراء المناورة خاليًا وليس به أي عوائق (مثل: المشاة أو الدراجات أو ما شابه).

• بعد السائق مسؤولًا عن ضمان مناسبة مكان التوقف المحدد لإجراء المناورة وأنه خاليًا/ليس به أي عوائق قد تكون عاقبة أو بارزة في مكان التوقف (مثل: سلام أو أبواب خلفية أو ما شابه من الأشياء/السيارات المحيطة).

• عند السعي لإيجاد مكان للتوقف، ينبغي أن يقود السائق بصورة موازية أو عمودية (تبعًا لنوع المناورة) بالنسبة للسيارات الأخرى قدر الإمكان.

• سوف تشير هذه الميزة فقط إلى آخر مكان توقف تم اكتشافه (مثل: إذا مررت على أماكن توقف متعددة، فسيقوم النظام فقط بالإشارة إلى آخر مكان للتوقف تم اكتشافه لإجراء المناورة).

في حالة قيادة السيارة بسرعة تزيد عن 15 ميلًا/الساعة (25 كم/ساعة) تقريبًا، سترشد شاشة عرض مجموعة أجهزة القياس السائق إلى تخفيض السرعة. في حالة قيادة السيارة بسرعة تزيد عن 18 ميلًا/الساعة (30 كم/ساعة) تقريبًا، يتم إلغاء النظام. يجب على السائق عندئذ إعادة تنشيط النظام عن طريق الضغط على مفتاح مساعد التوقف النشط ParkSense.

• أن يكون السطح الخارجي والجانب السفلي من الواجهتين الأمامية والخلفية/المصدات نظيفًا وخاليًا من الجليد أو الثلج أو الوحل أو الأوساخ أو أي عوائق أخرى.

عند الضغط عليه، سيومض مصباح LED الموجود على مفتاح مساعد التوقف النشط ParkSense لفترة وجيزة، ثم سينطفئ مصباح LED إذا كانت أي من الشروط السابقة غير متوفرة.

تشغيل/شاشة عرض مساعد مكان التوقف المتوازي

عند تمكين نظام مساعد التوقف النشط ParkSense، تظهر الرسالة "Active ParkSense Searching" - "Push OK to Switch to Perpendicular" (يقوم نظام ParkSense النشط بالبحث - اضغط على OK (موافق) للانتقال إلى الوضع العمودي) على شاشة عرض مجموعة أجهزة القياس. إذا كنت ترغب، فيمكنك التبديل إلى التوقف بصورة عمودية. اضغط على زر OK (موافق) على الجانب الأيسر من مفتاح عجلة القيادة لتغيير إعداد مكان التوقف.

ملاحظة:

- يعتبر السائق دائماً هو المسؤول عن التحكم في السيارة والمسؤول عن أي أشياء محيطة ويجب عليه التدخل حسب الحاجة.
- حيث إن النظام يوفر المساعدة للسائق ولا يعد بديلاً عن السائق.
- أثناء المناورة شبه الأوتوماتيكية، إذا لمس السائق عجلة القيادة بعد إعطائه إرشادات برفع يده عنها، فسيتم إلغاء النظام ويُطلب من السائق إكمال المناورة.
- 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 ميلاً (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 لبعوض 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 أسفل شاشة نظام Uconnect.

لتمكين نظام مساعد التوقف النشط ParkSense، اضغط على مفتاح مساعد التوقف النشط ParkSense مرة واحدة (بضوء مصباح LED).

لتعطيل نظام مساعد التوقف النشط ParkSense، اضغط على مفتاح مساعد التوقف النشط ParkSense مرة واحدة (ينطفئ مصباح LED).

سيتم إيقاف تشغيل نظام مساعد التوقف النشط ParkSense أوتوماتيكياً في حالة حدوث أي من الظروف التالية:

- اكتمال مناورة التوقف.
- سرعة السيارة أكبر من 30 كم/ساعة (18 ميلاً/الساعة) عند البحث عن مكان للتوقف.
- سرعة السيارة أعلى من 7 كم/ساعة (5 أميال/الساعة) أثناء توجيه القيادة النشط في مكان التوقف.
- لمس عجلة القيادة أثناء توجيه القيادة النشط في مكان التوقف.

• الضغط على مفتاح مساعد التوقف الأمامي والخلفي ParkSense.

• فتح باب السائق.

• فتح باب المؤخرة الخلفي.

• تداخل نظام التحكم في الاستقرار الإلكتروني / نظام الفرامل المانعة للانغلاق.

• يسمح نظام مساعد التوقف النشط ParkSense بست نقلات كحد أقصى بين وضعي DRIVE (القيادة) و REVERSE (الرجوع للخلف). إذا تعذر إكمال المناورة في خلال 6 انتقالات للتروس، فسيتم إلغاء النظام وسترشد شاشة عرض مجموعة أجهزة القياس السائق إلى إكمال المناورة يدوياً.

يعمل نظام مساعد التوقف النشط ParkSense ويبحث فقط عن مكان للتوقف عند توافر الشروط التالية:

- وضع التروس في وضع DRIVE (القيادة).
- وضع مفتاح التشغيل في وضع RUN (الانطلاق).
- تنشيط مفتاح مساعد التوقف النشط ParkSense.
- إغلاق باب السائق.
- إغلاق باب المؤخرة الخلفي.
- سرعة السيارة أقل من 15 ميلاً/الساعة (25 كم/ساعة).

تنبيه!

- يعتبر نظام ParkSense بمثابة أداة مساعدة في إيقاف السيارة، وليس بإمكانه التعرف على كل عائق، بما ذلك في العواقب الصغيرة. قد يتم اكتشاف حواف رصيف التوقف أو لا يتم اكتشافها على الإطلاق. لا يتم اكتشاف العواقب الموجودة بأعلى أو أسفل المستشعرات عند التصاقها بالمستشعرات.
- يجب قيادة السيارة ببطء عند استخدام نظام ParkSense ليتمكنك إيقاف السيارة وقت اكتشاف العائق. يوصى بأن ينظر السائق خلفه عند استخدام نظام ParkSense.

نظام مساعد التوقف النشط PARKSENSE

- إذا كانت السيارة مزودة بذلك

تم تصميم نظام مساعد التوقف النشط ParkSense لمساعدة السائق أثناء مناورات التوقف الموازية وعمودية من خلال تحديد مساحة توقف صحيحة وتوفير إرشادات صوتية/مرئية والتحكم في عجلة القيادة. نظام مساعد التوقف النشط ParkSense معرّف كنظام "شبه أوتوماتيكي" حيث إن السائق يحافظ على التحكم في دواسة الوقود ومحدد التروس والفرامل. 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).

تحذير!

- يجب أن يتوخ سائقو السيارات الحرص عند الرجوع للخلف حتى عند استخدام نظام مساعد التوقف ParkSense. قم دائماً بفحص منطقة خلف السيارة بحرص، وانظر خلفك وتأكد من عدم وجود مشاة أو سيارات أخرى أو عواقب 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 إصابة بالغة أو الوفاة.
- يُنصح بشدة قبل استخدام نظام مساعد التوقف ParkSense بفصل مجموعة تركيب الكرة 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 وذلك عند إضاءة إصدار مكبر الصوت لنغمة مستمرة. ويمكن للمستشعرات أيضاً اكتشاف مجموعة تركيب كرة السحب وكرة قضيب الربط، اعتماداً على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

• 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 عرض رسالة "PARKSENSE UNAVAILABLE" (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.

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 المستشعرات الأمامية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متوفر، يلزم إجراء الصيانة) لمدة خمس ثوان. بعد 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).

راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

إذا ظهرت الرسالة "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) في شاشة عرض مجموعة أجهزة القياس، فتأكد من نظافة السطح الخارجي والجانب السفلي من الواجهة الخلفية/المصد الخلفي و/أو الواجهة الأمامية/المصد الأمامي وخواهما من الجليد أو الثلج أو الوحل أو القاذورات أو أي عوائق أخرى، ثم أدر مفتاح التشغيل. إذا استمرت الرسالة في الظهور، فراجع الوكيل المعتمد.

إذا ظهرت الرسالة "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متاح، يلزم إجراء الصيانة) في شاشة عرض مجموعة أجهزة القياس، فراجع الوكيل المعتمد.

تنظيف نظام ParkSense

قم بتنظيف مستشعرات نظام ParkSense بالماء وصابون غسيل السيارات مع قطعة قماش ناعمة. لا

تستخدم أقمشة خشنة أو صلبة. لا تحدش المستشعرات أو تنقبها. فقد ينجم عن ذلك تلف المستشعرات.

احتياجات استخدام نظام ParkSense

ملاحظة:

- تأكد من خلو المصد الأمامي والخلفي من الجليد والثلج والوحل والقاذورات والرواسب لكي يعمل نظام مساعد التوقف ParkSense بشكل صحيح.
- قد تؤثر المطارق التي تعمل بضغط الهواء والشاحنات الكبيرة ومصادر الذبذبات الأخرى على أداء نظام ParkSense.
- عند إيقاف تشغيل نظام ParkSense، تعرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام PARKSENSE). وعلاوة على ذلك، بمجرد إيقاف تشغيل نظام ParkSense، فإنه يستمر على حالة الإيقاف حتى تقوم بتشغيله ثانية، وحتى 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.

ملاحظة:

يعمل نظام ParkSense على خفض مستوى صوت الراديو، إذا كان قيد التشغيل، عند إصدار النظام لنغمة صوتية.

الإذارات الصوتية لمساعد التوقف الأمامي

سيقوم نظام ParkSense بإيقاف الإنذار الصوتي لمساعد التوقف الأمامي (صافرة) بعد 3 ثوان تقريباً عند اكتشاف عائق، والسيارة ثابتة، أثناء الضغط على دواسة الفرامل.

إعدادات مستوى صوت الصافرة القابلة للضبط

يمكن تحديد إعدادات مستوى صوت الصافرة الخلفية والأمامية من نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

تشمل إعدادات مستوى صوت الصافرة (منخفض) low وmedium (متوسط) وhigh (عال). إعداد مستوى الصوت الافتراضي للمصنع هو medium (متوسط).

سوف يحتفظ نظام ParkSense بأخر حالة تهيئة معروفة خلال دورات التشغيل.

شاشة عرض تحذير نظام ParkSense

سيتم عرض الشاشة التحذيرية لنظام مساعد التوقف ParkSense فقط في حال تحديد الصوت والعرض من قسم الميزات القابلة للبرمجة بواسطة العميل في نظام

Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

توجد شاشة ParkSense Warning (تحذير نظام ParkSense) داخل شاشة عرض مجموعة أجهزة القياس. وهي توفر تحذيرات بصرية تشير إلى المسافة بين الواجهة الخلفية/المصد و/أو الواجهة الأمامية/المصد والعائق المكتشف. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

تمكين نظام مساعد التوقف ParkSense وتعطيله

يمكن تمكين نظام مساعد التوقف ParkSense وتعطيله باستخدام مفتاح نظام ParkSense.

عند الضغط على مفتاح نظام مساعد التوقف ParkSense لتعطيل النظام، ستعرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام مساعد التوقف PARKSENSE) لخمس ثوان تقريباً. 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).

راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

ملاحظة:

عند تعطيل نظام مساعد التوقف ParkSense، وتحريك محدد التروس إلى وضع DRIVE (القيادة)، فلن يتم عرض رسالة تحذير.

يضيء 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 لحظياً، ثم يضيء مصباح LED.

صيانة نظام مساعد التوقف ParkSense

أثناء بدء تشغيل السيارة، عندما يكتشف نظام مساعد التوقف ParkSense وجود حالة عطل، سوف تصدر مجموعة أجهزة القياس إشارة صوتية واحدة، مرة واحدة لكل دورة تشغيل، وسوف يعرض الرسالة "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) لمدة خمس ثوان. وعند تحريك محدد التروس إلى وضع REVERSE (الرجوع للخلف)

إنذارات التحذير الخلفية							
أقل من 12 بوصة (30 سم)	25-12 بوصة (30-65 سم)	39-25 بوصة (65-100 سم)	47-39 بوصة (100-120 سم)	59-47 بوصة (120-150 سم)	79-59 بوصة (150-200 سم)	أكبر من 79 بوصة (200 سم)	المسافة الخلفية (بوصة/سم)
مستمرة	سريع	سريع	بطيء	بطيء	نغمة واحدة لمدة نصف ثانية	لا يوجد	التنبيه الصوتي إشارة صوتية
الأول الوامض	الثاني الوامض	لا يوجد	لا يوجد	لا يوجد	لا يوجد	لا يوجد	الأقواس - اليسرى
الأول الوامض	الثاني الوامض	الثالث الوامض	الرابع الثابت	الخامس الثابت	السادس الثابت	لا يوجد	الأقواس - المنتصف
الأول الوامض	الثاني الوامض	لا يوجد	لا يوجد	لا يوجد	لا يوجد	لا يوجد	الأقواس - اليمنى
Yes (نعم)	Yes (نعم)	Yes (نعم)	Yes (نعم)	Yes (نعم)	Yes (نعم)	No (لا)	تم خفض مستوى صوت الراديو

إنذارات التحذير الأمامية					
أقل من 30 سم (12 بوصة)	25-12 بوصة (30-65 سم)	39-25 بوصة (65-100 سم)	47-39 بوصة (100-120 سم)	أكبر من 47 بوصة (120 سم)	المسافة الأمامية (بوصة/سم)
مستمرة	سريع	لا يوجد	لا يوجد	لا يوجد	التنبيه الصوتي إشارة صوتية
الأول الوامض	الثاني الوامض	لا يوجد	لا يوجد	لا يوجد	الأقواس - اليسرى
الأول الوامض	الثاني الوامض	الثالث الوامض	الرابع الثابت	لا يوجد	الأقواس - المنتصف
الأول الوامض	الثاني الوامض	لا يوجد	لا يوجد	لا يوجد	الأقواس - اليمنى
Yes (نعم)	Yes (نعم)	No (لا)	No (لا)	No (لا)	تم خفض مستوى صوت الراديو

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:



نغمة سريعة

0329098159US



نغمة بطيئة للخلف فقط

0329098156US



نغمة مستمرة

0329098161US



نغمة سريعة للخلف فقط

0329098167US



0329098161US

نغمة واحدة لمدة نصف ثانية



0329098163US

نغمة بطيئة



0618138986US

مساعد التوقف جاهز

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 قوس مفردًا في يسار و/أو يمين المنطقة الخلفية وسيصدر 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.

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

تراقب المستشعرات الأربعة الخاصة بنظام استشعار التوقف ParkSense (أو ستة مستشعرات إذا كانت السيارة مزودة بنظام مساعد التوقف النشط)، الموجودة في الواجهة الخلفية/المصد، المنطقة الواقعة خلف السيارة في مجال رؤية المستشعرات. ويمكن للمستشعرات اكتشاف العوائق من على بُعد 30 سم (12 بوصة) وحتى 200 سم (79 بوصة) من الواجهة الخلفية/المصد في الاتجاه الأفقي، وذلك وفقًا لموقع العائق واتجاهه ونوعه.

تراقب مستشعرات نظام ParkSense الستة، الموجودة في الواجهة الخلفية/المصد، المنطقة الموجودة أمام السيارة والتي تعتبر في مجال رؤية المستشعرات. ويمكن للمستشعرات اكتشاف العوائق من على بُعد 12 بوصة (30 سم) وحتى 47 بوصة (120 سم) من الواجهة الأمامية/المصد في الاتجاه الأفقي، وذلك وفقًا لموقع واتجاه العائق ونوعه.

شاشة عرض نظام ParkSense

يتم تشغيل شاشة عرض التحذير للإشارة إلى حالة النظام عندما تكون السيارة في وضع REVERSE (الرجوع للخلف) أو وضع DRIVE (القيادة) مع اكتشاف عائق.

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 ليتمكنك إيقاف السيارة وقت اكتشاف العائق. يوصى بأن ينظر السائق خلفه عند استخدام نظام ParkSense.

مساعد التوقف الأمامي والخلفي

PARKSENSE - إذا كانت السيارة مزودة بذلك

يعمل نظام مساعد التوقف ParkSense على عرض إشارات مرئية وصوتية للمسافة الواقعة بين الواجهة الخلفية و/أو الأمامية وبين عائق تم اكتشافه عند الرجوع للخلف أو السير للأمام، أثناء مناورات التوقف مثلاً. إذا كانت سيارتك مزودة بناقل حركة أوتوماتيكي، فقد يتم تشغيل فرامل السيارة أوتوماتيكيًا وتحريرها عند تنفيذ مناورة الركن بالرجوع للخلف إذا اكتشف النظام احتمالية حدوث تصادم مع أحد العوائق.

ملاحظة:

- يمكن للسائق تجاوز وظيفة الفرامل الأوتوماتيكية بالضغط على دواسة البنزين أو إيقاف تشغيل نظام ParkSense عبر مفتاح ParkSense أو تغيير التروس أثناء تشغيل الفرامل الأوتوماتيكية.
- لا تتوفر ميزة الفرامل الأوتوماتيكية إذا كانت السيارة في وضع 4LO (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 مؤخره 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 بأخر 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:

- يكون السائق دائماً مسؤولاً عن التحكم في السيارة.
- حيث إن النظام يوفر المساعدة للسائق ولا يعد بديلاً عن السائق.
- يجب أن يظل السائق متحكماً بالكامل في تسارع السيارة والفرامل وهو المسؤول عن تحركات السيارة.

راجع "احتياطات الاستخدام الخاصة بنظام ParkSense" لمعرفة قيود هذا النظام والتوصيات الخاصة به.

سيحتفظ نظام ParkSense بأخر حالة للنظام (سواء كان مُمكنًا أم مُعطلًا) من آخر دورة تشغيل عند تغيير وضع التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

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 نشطاً حتى تزداد سرعة السيارة إلى ما يقرب من 11 كم/ساعة (7 أميال/الساعة) أو أكثر. ينشط النظام مرة أخرى إذا انخفضت سرعة السيارة إلى أقل من 9 كم/الساعة (6 أميال/الساعة) تقريباً. سيطهر

إحتياطات استخدام نظام ParkSense

ملاحظة:

- تأكد من خلو المصد الخلفي من الجليد والتلج والوحل والقاذورات والرواسب لكي يعمل نظام ParkSense بشكل صحيح.
- قد تؤثر المطارق التي تعمل بضغط الهواء والشاحنات الكبيرة ومصادر الذبذبات الأخرى على أداء نظام ParkSense.
- عند إيقاف تشغيل نظام ParkSense، تعرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام PARKSENSE). وعلاوة على ذلك، بمجرد إيقاف تشغيل نظام ParkSense، فإنه يستمر على حالة الإيقاف حتى تقوم بتشغيله ثانية، وحتى إذا قمت بتدوير مفتاح التشغيل.
- عند تحريك محدد التروس إلى وضع REVERSE (الرجوع للخلف) مع إيقاف تشغيل نظام ParkSense، ستعرض شاشة عرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام PARKSENSE) ما دامت السيارة في وضع REVERSE (الرجوع للخلف).
- عند تشغيل نظام ParkSense، سينخفض مستوى صوت الراديو عند إصداره لنعمة صوتية.

تحذير!

- 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 يكتشف نظام ParkSense وجود عائق خلف الواجهة/المصد، أو قد يعطي إشارة خاطئة بوجود عائق خلف الواجهة/المصد.
 - 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 يفترض النظام وجود مشكلة بالمستشعر في حالة وجود جسم قريب، وهو الأمر الذي يتسبب في عرض رسالة "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متاح، يلزم إجراء الصيانة) في شاشة عرض مجموعة أجهزة القياس.
 - ينبغي تعطيل نظام ParkSense عندما يكون باب المؤخرة في الوضع المفتوح وتكون السيارة في وضع REVERSE (الرجوع للخلف). وقد يعطي باب المؤخرة المفتوح إشارة غير صحيحة عن وجود عائق خلف السيارة.
- يجب أن يتوخ سائقو السيارات الحرص عند الرجوع للخلف حتى عند استخدام نظام مساعد التوقف ParkSense. قم دائماً 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 إصابة بالغة أو الوفاة.
 - يُنصح بشدة قبل استخدام نظام مساعد التوقف ParkSense بفصل مجموعة تركيب الكرة 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 وذلك عند إضاءة إصدار مكبر الصوت لنعمة مستمرة. ويمكن للمستشعرات أيضاً اكتشاف مجموعة تركيب كرة السحب وكرة قضيب الربط، اعتماداً على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

توجد شاشة ParkSense Warning (تحذير نظام ParkSense) داخل شاشة عرض مجموعة أجهزة القياس. وهي توفر تحذيرات بصرية تشير إلى المسافة بين الواجهة الخلفية/المصد والعائق المكتشف.

راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

تمكين نظام مساعد التوقف ParkSense وتعطيله
يمكن تمكين نظام مساعد التوقف ParkSense وتعطيله باستخدام مفتاح نظام ParkSense.

عند الضغط على مفتاح نظام مساعد التوقف ParkSense لتعطيل النظام، ستعرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام مساعد التوقف ParkSense) لخمس ثوان 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).

راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

يضيء 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 الخلفي ParkSense
أثناء بدء تشغيل السيارة، عند اكتشاف نظام مساعد التوقف الخلفي ParkSense لحالة عطل، تنطلق من مجموعة أجهزة القياس إشارة صوتية واحدة، مرة عند كل دورة تشغيل، وستعرض الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف الخلفي غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف الخلفي غير متوفر، يلزم إجراء الصيانة). راجع "شاشة عرض مجموعة أجهزة القياس". عند تحريك محدد التروس إلى وضع REVERSE (الرجوع للخلف) واكتشاف النظام لحالة عطل، ستعرض شاشة عرض مجموعة أجهزة القياس الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام ParkSense غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED"

(نظام PARKSENSE غير متوفر، يلزم إجراء الصيانة) طالما كانت السيارة في وضع REVERSE (الرجوع للخلف). وفي هذه الحالة، لن يعمل نظام مساعد التوقف الخلفي ParkSense.

إذا ظهرت الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام PARKSENSE غير متوفر، نظف المستشعرات الخلفية) في شاشة عرض مجموعة أجهزة القياس، فتأكد من نظافة السطح الخارجي والجانب السفلي من الواجهة الخلفية/المصد الخلفي وخلوهما من الجليد أو الثلج أو الوحل أو القاذورات أو أي عوائق أخرى، ثم أدر مفتاح التشغيل. إذا استمرت الرسالة في الظهور، فراجع الوكيل المعتمد.

إذا ظهرت الرسالة "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام PARKSENSE غير متوفر، يلزم إجراء صيانة) في شاشة عرض مجموعة أجهزة القياس، فراجع الوكيل المعتمد.

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 تثقيبها. فقد ينجم عن ذلك تلف المستشعرات.

تصبح السيارة قريبة من العائق عندما تعرض شاشة التحذير قوسًا واحدًا وامطًا وتصدر نغمة صوتية مستمرة. يعرض الجدول التالي عملية تنبيه التحذير عند اكتشاف النظام لوجود عائق:

تنبيهات التحذير							
أقل من 12 بوصة (30 سم)	25-12 بوصة (30-65 سم)	39-25 بوصة (65-100 سم)	47-39 بوصة (100-120 سم)	59-47 بوصة (120-150 سم)	79-59 بوصة (150-200 سم)	أكبر من 79 بوصة (200 سم)	المسافة الخلفية (بوصة/سم)
مستمرة	سريع	سريع	بطيء	بطيء	نغمة واحدة لمدة نصف ثانية	لا يوجد	التنبيه الصوتي إشارة صوتية
الأول الوامض	الثاني الوامض	لا يوجد	لا يوجد	لا يوجد	لا يوجد	لا يوجد	الأقواس - اليسرى
الأول الوامض	الثاني الوامض	الثالث الوامض	الرابع الثابت	الخامس الثابت	السادس الثابت	لا يوجد	الأقواس - المنتصف
الأول الوامض	الثاني الوامض	لا يوجد	لا يوجد	لا يوجد	لا يوجد	لا يوجد	الأقواس - اليمنى
Yes (نعم)	Yes (نعم)	Yes (نعم)	Yes (نعم)	Yes (نعم)	Yes (نعم)	No (لا)	تم خفض مستوى صوت الراديو

شاشة عرض تحذير نظام ParkSense
سيتم عرض الشاشة التحذيرية لنظام مساعد التوقف من ParkSense فقط في حال تحديد الصوت والعرض من قسم الميزات القابلة للبرمجة بواسطة العميل في نظام Uconnect.

راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

Uconnect، راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" للحصول على مزيد من المعلومات.

تشمل إعدادات مستوى صوت الصافرة low (منخفض) وmedium (متوسط) وhigh (عال). إعداد مستوى الصوت الافتراضي للمصنع هو medium (متوسط).

سوف يحتفظ نظام ParkSense بأخر حالة تهيئة معروفة خلال دورات التشغيل.

ملاحظة:

يعمل نظام ParkSense على خفض مستوى صوت الراديو، إذا كان قيد التشغيل، عند إصدار النظام لنغمة صوتية.

إعدادات مستوى صوت الصافرة القابلة للضبط

يمكن تحديد إعدادات مستوى صوت الصافرة الخلفية من قسم الميزات القابلة للبرمجة بواسطة العميل من نظام



نغمة مستمرة

0329098162US



نغمة سريعة

0329098168US



نغمة بطيئة

0329098164US



نغمة سريعة

0329098160US



نغمة بطيئة

0329098166US

سيشير النظام إلى عائق تم اكتشافه من خلال عرض قوس مفرد في يسار و/أو يمين المنطقة الخلفية بناءً على مسافة الهدف والموقع النسبي للسيارة.

في حالة اكتشاف عائق في يسار و/أو يمين المنطقة الخلفية، ستعرض الشاشة قوساً مفرداً في يسار و/أو يمين المنطقة الخلفية وسيصدر النظام نغمة. عند اقتراب السيارة من العائق ستعرض الشاشة قوساً واحداً يتحرك بالقرب من السيارة وستتغير النغمة من نغمة واحدة لمدة نصف ثانية إلى نغمة بطيئة ثم إلى نغمة سريعة ثم إلى نغمة مستمرة.



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نغمة واحدة لمدة نصف ثانية

تكون السيارة في وضع REVERSE (الرجوع للخلف) وأعلى من سرعة تشغيل النظام، سيظهر تحذير في شاشة عرض مجموعة أجهزة القياس يشير إلى أن سرعة السيارة مرتفعة جداً. ينشط النظام مرة أخرى إذا انخفضت سرعة السيارة إلى أقل من 9 كم/الساعة (6 أميال/الساعة) تقريباً.

مستشعرات نظام ParkSense

تراقب المستشعرات الأربعة الخاصة بنظام مساعد التوقف ParkSense، الموجودة في الواجهة الخلفية/المصد، المنطقة الواقعة خلف السيارة في مجال رؤية المستشعرات. ويمكن للمستشعرات اكتشاف العوائق من على بُعد 30 سم (12 بوصة) وحتى 200 سم (79 بوصة) من الواجهة الخلفية/المصد في الاتجاه الأفقي، وذلك وفقاً لموقع العائق واتجاهه ونوعه.

شاشة عرض نظام ParkSense

يتم عرض شاشة نظام ParkSense في شاشة عرض مجموعة أجهزة القياس ما دامت السيارة في وضع REVERSE (الرجوع للخلف).



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مساعد التوقف جاهز

• سوف يحتفظ نظام ParkSense بأخر 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:

- يكون السائق دائماً مسؤولاً عن التحكم في السيارة.
- حيث إن النظام يوفر المساعدة للسائق ولا يعد بديلاً عن السائق.
- يجب أن يظل السائق متحكماً بالكامل في تسارع السيارة والفرامل وهو المسؤول عن تحركات السيارة.
- راجع "احتياطات استخدام نظام ParkSense" في هذا القسم للتعرف على القيود التي ينطوي عليها هذا النظام والتوصيات ذات الصلة.

سيحتفظ نظام ParkSense بأخر حالة للنظام (سواء كان ممكناً أم مطلقاً) من آخر دورة تشغيل عند تغيير وضع التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

لا يمكن تنشيط نظام ParkSense إلا عندما يكون محدد التروس في الوضع REVERSE (الرجوع للخلف). إذا تم تمكين نظام ParkSense في وضع محدد التروس هذا، فسيفي النظام نشطاً إلى أن تزداد سرعة السيارة إلى ما يقرب من 11 كم/ساعة (7 أميال/الساعة) أو أكثر. عندما

• إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التناقص بدرجات قدرها 5 أميال/الساعة حتى يتم تحرير الزر. ينعكس الانخفاض في السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

السرعة بنظام الوحدات المترية (كم/ساعة)

• يؤدي الضغط على زر SET (الضبط) (-) مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 كم/ساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 كم/ساعة.

• إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التناقص بدرجات قدرها 10 كم/ساعة حتى يتم تحرير الزر. ينعكس الانخفاض في السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

للإلغاء

سوف تعمل الأحوال التالية على إلغاء وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة) دون مسح الذاكرة:

- استخدام دواسة الفرامل.
- الضغط على زر CANC (إلغاء).
- تم تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/نظام التحكم في الجر (TCS).
- تم استخدام فرامل التوقف بالسيارة.
- إذا تجاوزت درجة حرارة الفرامل النطاق الطبيعي (سخونة زائدة).

- إخراج محدد التروس من وضع DRIVE (القيادة).
- قام السائق بتشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) على وضع "full-off" (الإيقاف الكامل).

لاستئناف السرعة

لاستئناف تشغيل السيارة على السرعة المضبوطة مسبقاً، اضغط على زر RES (الاستئناف) ثم حرره. يمكن استئناف السرعة أثناء القيادة بأي سرعة تزيد عن 30 كم/ساعة (19 ميلاً/الساعة).

لإيقاف التشغيل

سيتم إيقاف تشغيل النظام ومسح السرعة المضبوطة في الذاكرة إذا قمت بما يلي:

- الضغط على زر تشغيل/إيقاف تشغيل وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة).
- إدارة قرص التشغيل إلى وضع OFF (إيقاف التشغيل).
- تشغيل الدفع الرباعي المنخفض.

• الضغط على زر Adaptive Cruise Control on/off (ACC) (تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهابنة).

مساعد التوقف الخلفي PARKSENSE —

إذا كانت السيارة مزودة بذلك

يوفر نظام مساعد التوقف الخلفي ParkSense مؤشرات بصرية وصوتية تنبئ بالمسافة بين الواجحة الخلفية والعائق المكتشف أثناء الرجوع للخلف، على سبيل المثال أثناء

مناورات التوقف. إذا كانت سيارتك مزودة بناقل حركة أوتوماتيكي، فقد يتم تشغيل فرامل السيارة أوتوماتيكياً وتحريرها عند تنفيذ مناورة الركن بالرجوع للخلف إذا اكتشف النظام احتمالية حدوث تصادم مع أحد العوائق.

ملاحظة:

- يمكن للسائق تجاوز وظيفة الفرامل الأوتوماتيكية بالضغط على دواسة البنزين أو إيقاف تشغيل نظام ParkSense عبر مفتاح ParkSense أو تغيير الترس أثناء تشغيل الفرامل الأوتوماتيكية.
- لا تتوفر ميزة الفرامل الأوتوماتيكية إذا كانت السيارة في وضع 4LO (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 مؤخره السيارة من الجانبين الأيسر و/أو الأيمن.
- يمكن تمكين/تعطيل وظيفة الفرامل الأوتوماتيكية من قسم الميزات القابلة للبرمجة بواسطة العميل من نظام Uconnect.

للتغيير بين أوضاع التحكم في السرعة الثابتة المختلفة، اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيمنة (ACC) والذي يعمل على إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيمنة (ACC) ووضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة). يؤدي الضغط على زر Normal (Fixed Speed) Cruise على on/off Control (تشغيل/إيقاف تشغيل التحكم في السرعة (الثابتة) العادي) إلى تشغيل (التغيير إلى) وضع Normal (Fixed Speed) Cruise Control (التحكم في السرعة (الثابتة) العادي).

تحذير!

في وضع التحكم العادي في السرعة (السرعة الثابتة) لن يتفاعل النظام مع السيارات المتقدمة. 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 وضع تم تحديده.

لضبط سرعة مرغوبة

قم بتشغيل وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة). عند وصول السيارة إلى السرعة المطلوبة، اضغط على زر SET (الضبط) (+) أو زر SET (الضبط) (-) ثم حرره. حرر دواسة الوقود 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/الساعة)) تشير إلى السرعة التي تم ضبطها. يضيء هذا الضوء عند تشغيل النظام عن طريق مفتاح التحكم on/off (التشغيل/إيقاف التشغيل). يتحول إلى اللون الأخضر عند ضبط نظام التحكم بالسرعة الثابتة.

لتغيير إعداد السرعة لزيادة السرعة

عند ضبط وضع التحكم في السرعة الثابتة العادي (سرعة ثابتة)، يمكنك زيادة السرعة عن طريق دفع زر SET (+) (ضبط +).

يمكن تحديد الوحدات المفضلة للسائق من خلال شاشة عرض مجموعة أجهزة القياس. راجع "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات. زيادة السرعة المعروضة تعتمد على وحدات القياس بالولايات المتحدة (ميل/الساعة) أو وحدات القياس بالنظام المتري (كم/ساعة) زيادة السرعة.

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

• يؤدي الضغط على زر SET (الضبط) (+) مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 ميل/الساعة.

• إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التزايد بتزايداتها قدرها 5 أميال/الساعة حتى يتم تحرير الزر. تنعكس الزيادة في السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

السرعة بنظام الوحدات المترية (كم/ساعة)

• يؤدي الضغط على زر SET (الضبط) (+) مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 كم/ساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 كم/ساعة.

• إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التزايد بتزايداتها قدرها 10 كم/ساعة حتى يتم تحرير الزر. تنعكس الزيادة في السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

لخفض السرعة

عند ضبط وضع التحكم في السرعة الثابتة العادي (سرعة ثابتة)، يمكنك خفض السرعة عن طريق دفع زر SET (-) (ضبط -).

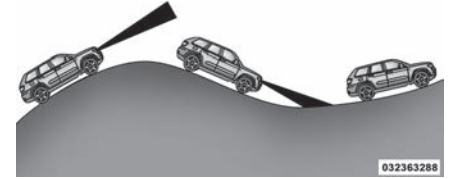
يمكن تحديد الوحدات المفضلة للسائق من خلال شاشة عرض مجموعة أجهزة القياس. راجع "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات. خفض السرعة المعروضة تعتمد على وحدات القياس بالولايات المتحدة (ميل/الساعة) أو وحدات القياس بالنظام المتري (كم/ساعة) زيادة السرعة:

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

• يؤدي الضغط على زر SET (الضبط) (-) مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 ميل/الساعة.

استخدام وحدة التحكم في السرعة الثابتة المهيمنة (ACC) على المرتفعات

عند القيادة على التلال، قد لا تكتشف وحدة التحكم في السرعة الثابتة المهيمنة (ACC) سيارة أمامك في حارتك. وبناءً على سرعة سيارتك وطريق السيارة وظروف حركة المرور ودرجة انحدار التلال، فإن أداء وحدة التحكم في السرعة الثابتة المهيمنة (ACC) قد يكون محدودًا.

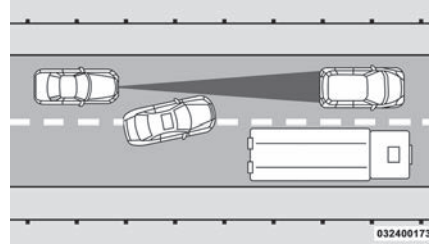


مثال على وحدة التحكم في السرعة الثابتة المهيمنة (ACC) على المرتفعات

تغيير الحارة

قد لا تكتشف وحدة التحكم في السرعة الثابتة المهيمنة (ACC) سيارة أمامك حتى تكون بالكامل في الحارة التي تسير فيها تمامًا. في الشكل التوضيحي المعروض، لم تكتشف وحدة التحكم في السرعة الثابتة المهيمنة (ACC) السيارة التي تقوم بتغيير حارتها حتى الآن، وربما لن تقوم بذلك حتى يصبح من المتأخر جدًا اتخاذ إجراء حيال ذلك. قد لا تقوم وحدة التحكم في السرعة الثابتة المهيمنة (ACC) باكتشاف سيارة أمامك حتى تصبغ في الحارة تمامًا. وبالتالي قد لا تكون هناك مسافة كافية بين سيارتك وبين

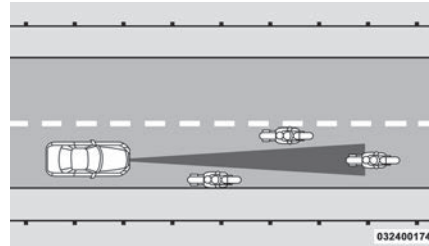
السيارة التي تقوم بتغيير الحارة أمامك. كن منبهاً دائماً ومستعداً لاستخدام الفرامل، إذا لزم الأمر.



مثال تغيير الحارة

السيارات الصغيرة

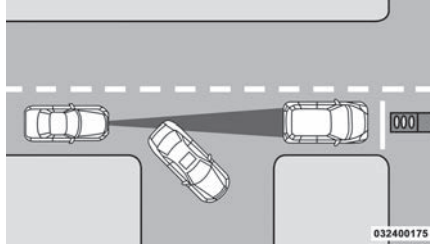
لا يتم اكتشاف بعض السيارات الصغيرة التي تسير بالقرب من الحواف الخارجية للحارة أو تدخل إلى الحارة بالقرب من حافتها، حتى تدخل بالكامل في الحارة. وبالتالي قد لا تكون هناك مسافة كافية بينك وبين السيارة التي أمامك.



مثال السيارات الصغيرة

الأجسام والسيارات الثابتة

لا تتفاعل وحدة التحكم في السرعة الثابتة المهيمنة (ACC) مع الأجسام والسيارات الثابتة. فلن تتفاعل وحدة التحكم في السرعة الثابتة المهيمنة (ACC) مثلاً مع مواقف تخرج فيها السيارة التي تتبعها من حارتك المرورية وتتوقف السيارة التي أمامها. كن منبهاً دائماً ومستعداً لاستخدام الفرامل، إذا لزم الأمر.



مثال على الجسم الثابت والسيارة الثابتة

وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة)

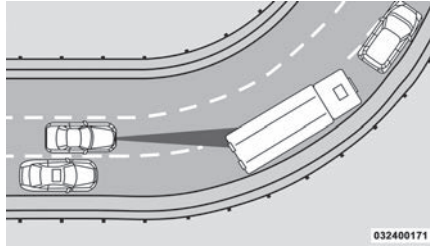
بالإضافة إلى وضع التحكم في السرعة الثابتة المهيمنة، يتوفر وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة) للقيادة بسرعات ثابتة. لقد تم تصميم وضع التحكم في السرعة الثابتة العادي (سرعة ثابتة) للمحافظة على سرعة قيادة معينة دون الحاجة إلى تشغيل دواسرة الوقود من قبل السائق. يمكن تشغيل وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة) فقط إذا كانت سرعة السيارة أعلى من 19 ميلاً/الساعة (30 كم/ساعة).

الانعطافات والالتواءات

عند القيادة على منحني مع تعشيق وحدة التحكم في السرعة الثابتة المهيأنة (ACC)، يمكن أن يقلل النظام سرعة السيارة والتسارع لأسباب تتعلق بالاستقرار، مع عدم اكتشاف سيارة لتتبعها. وبمجرد خروج السيارة من المنحنى يستأنف النظام السرعة المعينة الأصلية. ويعد هذا جزءاً من وظيفة نظام وحدة التحكم في السرعة الثابتة المهيأنة (ACC).

ملاحظة:

في الانعطافات الضيقة، قد يكون أداء وحدة التحكم في السرعة الثابتة المهيأنة (ACC) محدوداً.



مثال الانعطافات والالتواءات

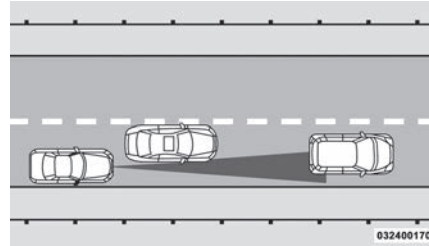
المهيأنة (ACC) باستخدام الفرامل في وقت متأخر أو بشكل غير متوقع. يجب أن يظل السائق منتبهاً وقد يحتاج إلى التدخل.

سحب مقطورة

لا يُوصى بسحب مقطورة أثناء استخدام وحدة التحكم في السرعة الثابتة المهيأنة (ACC).

القيادة الجانبية

قد لا تكتشف وحدة التحكم في السرعة الثابتة المهيأنة (ACC) سيارة في نفس حارة سيارتك تسير في جانب بعيد عن مسار سيارتك المباشر أو سيارة قادمة من حارة جانبية. وبالتالي قد لا تكون هناك مسافة كافية بينك وبين السيارة 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.



مثال على ظروف القيادة الجانبية

الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي (على سبيل المثال، أكثر من مرة في كل رحلة) دون وجود لأي جليد أو أمطار أو طين أو أي عوائق أخرى، اطلب فحص الزجاج الأمامي والكاميرا المتجهة للأمام لدى الوكيل المعتمد.

تحذير صيانة وحدة التحكم في السرعة الثابتة المهيأنة (ACC)/تحذير التصادم الأمامي (FCW)

إذا توقف النظام عن العمل، وعرضت شاشة عرض مجموعة أجهزة القياس "ACC/FCW Unavailable Service Required" (وحدة التحكم في السرعة الثابتة المهيأنة/تحذير التصادم الأمامي غير متوفر، يلزم إجراء الصيانة) أو "Cruise/FCW Unavailable Service Required" (السرعة الثابتة/تحذير التصادم الأمامي غير متوفر، يلزم إجراء الصيانة)، فقد يكون هناك عطل داخلي بالنظام أو عطل مؤقت يقيد وظيفة وحدة التحكم في السرعة الثابتة المهيأنة (ACC). ورغم إمكانية قيادة السيارة في الظروف العادية، فلن تتوفر وحدة التحكم في السرعة الثابتة المهيأنة (ACC) بشكل مؤقت. إذا حدث ذلك، فحاول تنشيط وحدة التحكم في السرعة الثابتة المهيأنة (ACC) لاحقاً في دورة تشغيل جديدة. إذا استمرت المشكلة، فراجع الوكيل المعتمد.

احتياطات عند القيادة مع تشغيل وحدة التحكم في السرعة الثابتة المهيأنة (ACC)

في بعض ظروف القيادة، قد يحدث بوحدة التحكم في السرعة الثابتة المهيأنة (ACC) مشاكل في الاكتشاف. وفي هذه الحالات، قد تقوم وحدة التحكم في السرعة الثابتة

إذا لم تكن حالات الطقس من العوامل المؤثرة على الوحدة، فيجب على السائق اختبار المستشعر. فقد يحتاج إلى التنظيف أو إزالة العوائق. يقع المستشعر في مركز السيارة خلف الشبكة السفلى.

للاحتفاظ بالتشغيل الصحيح لنظام وحدة التحكم في السرعة الثابتة المهيأة، من المهم ملاحظة بنود الصيانة التالية:

- احتفظ دائماً بالمستشعر نظيفاً. 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 المهيأة (ACC) ويتطلب إعادة محاذاة المستشعر.

• في حالة تلف المستشعر أو مقدمة السيارة بسبب حدوث تصادم، راجع الوكيل المعتمد لطلب الصيانة.

• لا تقم بتركيب أو تثبيت أية ملحقات بالقرب من المستشعر، بما في ذلك المواد الشفافة أو الشبكات البديلة. فقد يؤدي القيام بذلك إلى خلل أو عطل نظام وحدة التحكم في السرعة الثابتة المهيأة.

عندما يزول الظرف التي تسبب في تعطيل النظام، سيعود النظام إلى حالة "إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيأة" وسيستأنف العمل عن طريق إعادة تشغيل الوحدة.

ملاحظة:

- في حالة ظهور رسالة "ACC / FCW Unavailable Wipe Front Radar Sensor" (وحدة التحكم في السرعة الثابتة المهيأة/تحذير التصادم الأمامي غير متوفر، 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، فقم بإعادة ضبط محاذاة مستشعر الرادار لدى الوكيل المعتمد.
- لا يُنصح بتركيب مزيل ثلوج، أو وافي في مقدمة السيارة أو شبكة بديلة أو تعديل الشبكة. حيث يؤدي ذلك إلى إعاقة المستشعر ومنع تشغيل وحدة التحكم في السرعة الثابتة المهيأة/تحذير التصادم الأمامي (ACC/FCW).

تحذير "Clean Front Windshield" (نظف الزجاج الأمامي)

سوف يظهر تحذير "ACC/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهيأة/تحذير التصادم الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي) وتصدر أيضاً إشارة صوتية لتشير إلى وجود حالة تقيد أداء النظام بصورة مؤقتة. وغالباً ما يحدث ذلك عندما تكون الرؤية سيئة، كما هو الحال عند سقوط الجليد أو الأمطار الغزيرة والضباب. قد لا يتوفر أيضاً نظام وحدة التحكم في السرعة الثابتة المهيأة (ACC) بشكل مؤقت نتيجة لوجود عوائق مثل الطين أو الأوساخ أو الثلج على الزجاج الأمامي والضباب على الجزء الداخلي من الزجاج. في هذه

الحالات، ستعرض شاشة عرض مجموعة أجهزة القياس رسالة "ACC/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهيأة/تحذير التصادم الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي) وسيختفي أداء النظام.

يمكن أن تعرض الرسالة "ACC/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهيأة/تحذير التصادم الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي) أحياناً أثناء القيادة في ظروف الطقس السيئة. ويستعيد نظام وحدة التحكم في السرعة الثابتة المهيأة (ACC)/تحذير التصادم الأمامي (FCW) وضعه الطبيعي بعد تجاوز السيارة لهذه المناطق. قد يظهر هذا التحذير مؤقتاً، في حالات نادرة، عندما لا تتعقب الكاميرا أية سيارات أو أجسام في مسارها.

إذا لم تكن ظروف الطريق من العوامل المؤثرة على الوحدة، فيجب على السائق فحص الزجاج الأمامي والكاميرا الموجودة على الجانب الخلفي من مرآة الرؤية الخلفية الداخلية. فقد 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/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهيأة/تحذير التصادم

إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيمنة

عند إلغاء تنشيط وحدة التحكم في السرعة الثابتة المهيمنة (ACC)، ستعرض الشاشة "Adaptive Cruise Control Off" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيمنة).

وحدة التحكم في السرعة الثابتة المهيمنة جاهزة

عند تنشيط وحدة التحكم في السرعة الثابتة المهيمنة (ACC) مع عدم اختيار إعداد سرعة السيارة، فستعرض شاشة العرض "Adaptive Cruise Control Ready" (وحدة التحكم في السرعة الثابتة المهيمنة جاهزة).

ضبط وحدة التحكم في السرعة الثابتة المهيمنة

عندما يتم الضغط على زر (+) SET (+) (ضبط +) أو (-) SET (-) (ضبط -) (الموجود بعجلة القيادة)، سوف تعرض شاشة العرض الرسالة "ACC SET." (ضبط وحدة التحكم في السرعة الثابتة المهيمنة)

عند ضبط وحدة التحكم في السرعة الثابتة المهيمنة (ACC)، ستظهر السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

قد تظهر شاشة وحدة التحكم في السرعة الثابتة المهيمنة (ACC) مرة أخرى إذا حدث أي نشاط لوحدة التحكم في السرعة الثابتة المهيمنة (ACC)، والذي قد يتضمن أيًا مما يلي:

- إلغاء النظام

- تجاوز السائق

- إيقاف تشغيل النظام

تحذير الاقتراب لوحدة التحكم في السرعة الثابتة المهيمنة (ACC)

تحذير وحدة التحكم في السرعة الثابتة المهيمنة (ACC) غير متوفرة

• ستعود شاشة عرض مجموعة أجهزة القياس إلى آخر شاشة عرض محددة بعد خمس ثوانٍ من عدم وجود أي نشاط لشاشة عرض وحدة التحكم في السرعة الثابتة المهيمنة (ACC)

تحذيرات شاشة العرض والصيانة

تحذير "تنظيف مستشعر الرادار الأمامي في مقدمة السيارة"

سوف يظهر تحذير "ACC / FCW Unavailable" (وحدة التحكم في السرعة الثابتة المهيمنة/تحذير التصادم الأمامي غير متوفر، نظف مستشعر الرادار الأمامي) وتصدر أيضًا إشارة صوتية لتشير إلى وجود حالة تقيد أداء النظام بصورة مؤقتة.

و غالبًا 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 المهيمنة بشكل مؤقت نتيجة لوجود عوائق مثل الطين أو الأوساخ أو الثلج. في هذه الحالات، سوف يظهر في شاشة عرض مجموعة

أجهزة القياس الرسالة "ACC / FCW Unavailable" (وحدة التحكم في السرعة الثابتة المهيمنة/تحذير التصادم الأمامي غير متوفر، نظف مستشعر الرادار الأمامي) وسوف يتم إلغاء تنشيط النظام.

يمكن عرض الرسالة "ACC / FCW Unavailable" (وحدة التحكم في السرعة الثابتة المهيمنة/تحذير التصادم الأمامي غير متوفر، نظف مستشعر الرادار الأمامي) أحيانًا أثناء القيادة في المناطق عالية الانعكاس (مثل، الأنفاق ذات القرميد العاكس، أو الثلج والجليد). ويستعيد نظام وحدة التحكم في السرعة الثابتة المهيمنة (ACC) وضعه الطبيعي بعد تجاوز السيارة لهذه المناطق. قد يظهر هذا التحذير مؤقتًا، في حالات نادرة، عندما لا يتعقب الرادار أية سيارات أو كائنات في مساره.

ملاحظة:

إذا كان التحذير "ACC / FCW Unavailable" (وحدة التحكم في السرعة الثابتة المهيمنة/تحذير التصادم الأمامي غير متوفر، نظف مستشعر الرادار الأمامي) نشطًا، فهذا يعني أن التحكم بالسرعة الثابتة العادي (سرعة ثابتة) لا يزال متاحًا. للحصول على معلومات إضافية، راجع "وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة)" في هذا القسم.

فتح باب السائق، فسيتم إلغاء نظام وحدة التحكم في السرعة الثابتة المهيأة (ACC) عند التوقف ويتم تحرير الفرامل. وسيتم عرض رسالة إلغاء على شاشة عرض مجموعة أجهزة القياس وستصدر إشارة تحذير صوتية. وسيكون تدخل السائق مطلوبًا في هذه اللحظة.

تحذير!

عندما تستأنف وحدة التحكم في السرعة الثابتة المهيأة (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 إصابة شخصية بالغة.

قائمة وحدة التحكم في السرعة الثابتة المهيأة (ACC)

ستعرض شاشة عرض مجموعة أجهزة القياس الإعدادات الحالية لنظام وحدة التحكم في السرعة الثابتة المهيأة (ACC). توجد شاشة عرض مجموعة أجهزة القياس في منتصف مجموعة أجهزة القياس. وتعتمد المعلومات التي يعرضها على حالة نظام وحدة التحكم في السرعة الثابتة المهيأة (ACC).

اضغط على زر Adaptive Cruise Control on/off (تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيأة) (الموجود في عجلة القيادة) حتى يتم عرض أي مما يلي في شاشة عرض مجموعة أجهزة القياس:

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، تكون ميزة مساعد التجاوز 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 المهيأة (ACC) تلقائيًا باكتشاف اتجاه المرور.

تشغيل وحدة التحكم في السرعة الثابتة المهيأة (ACC) عند التوقف

إذا أوقف نظام وحدة التحكم في السرعة الثابتة المهيأة (ACC) السيارة أثناء تتبع سيارة مستهدفة، وإذا بدأت السيارة المستهدفة التحرك في خلال ثانيتين من توقف سيارتك، فسوف تستأنف سيارتك الحركة دون الحاجة إلى أي إجراء من جانب السائق.

إذا لم تبدأ السيارة المستهدفة في التحرك خلال ثانيتين من توقف سيارتك، فسيتم إلغاء نظام وحدة التحكم في السرعة الثابتة المهيأة (ACC) عند التوقف ويتم تحرير الفرامل. وسيتم عرض رسالة إلغاء على شاشة عرض مجموعة أجهزة القياس وستصدر إشارة تحذير صوتية. وسيكون تدخل السائق مطلوبًا في هذه اللحظة.

أثناء إيقاف السيارة بواسطة وحدة التحكم في السرعة الثابتة المهيأة (ACC)، في حالة عدم ربط حزام أمان السائق أو

يوجد تحذير من الاقتراب ينبه السائق إذا اكتشفت وحدة التحكم في السرعة الثابتة المهيأة (ACC) أن أقصى مستوى للفرملة الخاصة بها غير كافٍ 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 المهيأة (ACC) في استخدام أقصى فرملة لديها.

BRAKE!



0323001258

تنبيه الفرامل

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 المهيأة (ACC) واتباع السيارة الهدف، سوف يقوم النظام بتوفير تسارع إضافي للسرعة الثابتة المهيأة للمساعدة في

ستحتفظ السيارة حينئذ بالمسافة المضبوطة حتى:

- تُسرّع السيارة التي أمامك إلى سرعة أعلى من السرعة المضبوطة.
- تخرج السيارة التي أمامك من حارتك أو تخرج من نطاق رؤية المستشعر.
- يتغير إعداد المسافة.
- يتم فصل النظام. (راجع المعلومات الخاصة بتشغيل وحدة التحكم في السرعة الثابتة المهيأة (ACC)).

تعتبر أقصى فرملة تستخدمها وحدة التحكم في السرعة الثابتة المهيأة (ACC) محدودة ولكن السائق يمكنه دائماً استخدام الفرامل يدوياً، إذا لزم الأمر.

ملاحظة:

تضئ أضواء الفرامل في أي وقت تستخدم فيه وحدة التحكم في السرعة الثابتة المهيأة (ACC) الفرامل.



0323001259

إعداد المسافة شريط واحد (القصيرة)

لزيادة إعداد المسافة، اضغط على زر "إعداد المسافة - زيادة" ثم حرره. في كل مرة يتم فيها الضغط على الزر، يزيد إعداد المسافة بمقدار شريط واحد (الأطول).

لخفض إعداد المسافة، اضغط على زر "إعداد المسافة - خفض" ثم حرره. 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 نفس الحارة، ستعرض شاشة عرض مجموعة أجهزة القياس رمز "Sensed Vehicle Indicator" (مؤشر السيارة التي تم استشعارها)، ويقوم النظام بضبط سرعة السيارة أوتوماتيكياً للاحتفاظ بأعداد المسافة، بغض النظر عن السرعة المضبوطة.



0323001261

إعداد المسافة ثلاثة أشرطة (الطويلة)



0323001260

إعداد المسافة شريطين (المتوسطة)

لخفض السرعة

عندما يتم ضبط وحدة التحكم في السرعة الثابتة المهيأنة (ACC)، يمكنك خفض السرعة المضبوطة عن طريق الضغط على زر SET (الضبط) (-).

يمكن تحديد الوحدات المفضلة للسائق من خلال الإعدادات في لوحة أجهزة القياس. راجع "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات. يعتمد انخفاض السرعة الموضحة على وحدة السرعة المختارة من وحدات النظام الأمريكي (ميل/الساعة) أو الوحدات المترية (كم/ساعة):

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

• يؤدي الضغط على زر SET (الضبط) (-) مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 ميل/الساعة.

• إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التناقص بدرجات قدرها 5 أميال/الساعة حتى يتم تحرير الزر. ينعكس الانخفاض في السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

السرعة بنظام الوحدات المترية (كم/الساعة)

• يؤدي الضغط على زر SET (الضبط) (-) مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 كم/الساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 كم/الساعة.

• إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التناقص بدرجات قدرها 10 كم/ساعة حتى يتم تحرير الزر. ينعكس الانخفاض في السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

ملاحظة:

• عندما تقوم بالتجاوز والضغط على زر SET (الضبط) (+) أو زر SET (الضبط) (-)، ستكون السرعة المضبوطة الجديدة هي السرعة الحالية للسيارة.

• عند استخدام زر SET (الضبط) (-) لخفض السرعة، إذا لم تقم قدرة فرملة المحرك بإبطاء السيارة بشكل كافٍ للوصول إلى السرعة المضبوطة، فسيعمل نظام الفرامل على إبطاء السيارة أوتوماتيكيًا.

• يقوم نظام وحدة التحكم في السرعة الثابتة المهيأنة (ACC) باستخدام الفرامل حتى يتم التوقف الكامل عند السير خلف السيارة الهدف. إذا كانت وحدة التحكم في السرعة الثابتة المهيأنة (ACC) لسيارة مضيفة يتبع سيارة هدف إلى التوقف التام، فستقوم السيارة المضيفة بتحرير الفرامل لمدة ثانيتين بعد التوقف الكامل.

• يحتفظ نظام وحدة التحكم في السرعة الثابتة المهيأنة (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 المهيأنة (ACC) إذا تجاوزت درجة حرارة الفرامل النطاق الطبيعي (سخونة زائدة).

ضبط المسافة التالية في وحدة التحكم في السرعة الثابتة المهيأنة (ACC)

يمكن ضبط المسافة التالية المحددة لوحدة التحكم في السرعة الثابتة المهيأنة (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 المهيأنة (ACC) بحساب وضبط المسافة بين سيارتك والسيارة التي أمامها. يتم عرض إعداد المسافة في شاشة عرض مجموعة أجهزة القياس.



(إعداد المسافة أربعة أشرطة (الأطول))

• تم استخدام فرامل التوقف بالسيارة.

• حزام مقعد السائق غير مربوط عند القيادة بسرعات منخفضة.

• باب السائق مفتوح عند القيادة بسرعات منخفضة.

• إذا تجاوزت درجة حرارة الفرامل النطاق الطبيعي (سخونة زائدة).

• وقع حدث في وحدة التحكم في تارجح المقطورة (TSC).

إيقاف التشغيل

سيتم إيقاف تشغيل النظام ومسخ السرعة المضبوطة في الذاكرة إذا قمت بما يلي:

• الضغط على زر Adaptive Cruise Control on/off (ACC) (تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيأة).

• الضغط على زر تشغيل/إيقاف تشغيل وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة).

• إدارة قرص التشغيل إلى وضع OFF (إيقاف التشغيل).

• إيقاف تشغيل الدفع الرباعي المنخفض.

للاستئناف

في حالة وجود سرعة مضبوطة في الذاكرة، اضغط على زر RES (استئناف)، ثم ارفع قدمك عن دواسة الوقود. ستعرض شاشة عرض مجموعة أجهزة القياس آخر سرعة مضبوطة.

ملاحظة:

• إذا توقفت سيارتك تمامًا لفترة تزيد على ثانيين، فسيتم إلغاء النظام وتزيد سرعة قوة الفرامل. وينبغي على السائق استخدام الفرامل للمحافظة على توقف السيارة.

• لا يمكن استئناف وحدة التحكم في السرعة الثابتة المهيأة (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 إصابة شخصية بالغة.

لتغيير إعداد السرعة

لزيادة السرعة

عندما يتم ضبط وحدة التحكم في السرعة الثابتة المهيأة (ACC)، يمكنك زيادة السرعة المضبوطة عن طريق الضغط على زر SET (الضبط) (+).

السرعة الموضحة على وحدة السرعة المختارة من وحدات النظام الأمريكي (ميل/الساعة) أو الوحدات المترية (كم/ساعة):

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

• يؤدي الضغط على زر SET (الضبط) (+) مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 ميل/الساعة.

• إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التزايد بتزايدات قدرها 5 أميال/الساعة حتى يتم تحرير الزر. تنعكس الزيادة في السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

السرعة بنظام الوحدات المترية (كم/ساعة)

• يؤدي الضغط على زر SET (الضبط) (+) مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 كم/ساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 كم/ساعة.

• إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التزايد بتزايدات قدرها 10 كم/ساعة حتى يتم تحرير الزر. تنعكس الزيادة في السرعة المضبوطة في شاشة عرض مجموعة أجهزة القياس.

للتشيط/إلغاء التشيط

اضغط على زر تشيط/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيأنة (ACC)، ثم حرره. تعرض قائمة وحدة التحكم في السرعة الثابتة المهيأنة (ACC) في مجموعة أجهزة القياس رسالة "ACC Ready" (وحدة التحكم في السرعة الثابتة المهيأنة جاهزة).

Adaptive Cruise Control (ACC) Off

0323001263

إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيأنة

ACC Ready

0323001278

وحدة التحكم في السرعة الثابتة المهيأنة جاهزة

لإيقاف تشغيل النظام، اضغط على زر تشيط/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيأنة (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 المهيأنة).

إلى أكثر من 19 ميلا/الساعة (30 كم/ساعة)، فستكون السرعة المضبوطة هي السرعة الحالية للسيارة.

ملاحظة:

لا يمكن ضبط وحدة التحكم في السرعة الثابتة المهيأنة (ACC) في حالة وجود سيارة ثابتة شديدة القرب أمام سيارتك.

ارفع قدمك من على دواسة الوقود. إذا لم تقم بذلك، فقد تستمر السيارة بزيادة سرعتها بحيث تتجاوز السرعة المضبوطة. إذا حدث ذلك:

- سيتم عرض الرسالة "DRIVER OVERRIDE" (تجاوز السائق) في شاشة عرض مجموعة أجهزة القياس.
- لن يعمل النظام على التحكم في المسافة بين سيارتك والسيارة التي أمامها. سيتم تحديد سرعة السيارة عن طريق وضع دواسة الوقود فقط.

للإلغاء

- سوف تعمل الأحوال التالية على إلغاء تشغيل النظام:
- استخدام دواسة الفرامل.
- الضغط على زر CANC (إلغاء).
- وقع حدث في نظام الفرامل المانعة للانغلاق (ABS).
- إخراج محدد التروس من وضع DRIVE (القيادة).
- تم تشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/نظام التحكم في الجر (TCS).

تحذير!
من الخطر ترك نظام وحدة التحكم في السرعة الثابتة المهيأنة (ACC) 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 لوقوع تصادم. اترك النظام في حالة إيقاف دائماً طالما لا تستخدمه.

ضبط السرعة الثابتة المهيأنة (ACC) المطلوبة
عندما تصل سرعة السيارة إلى السرعة المطلوبة، اضغط على زر SET (+) (ضبط +) أو زر SET (-) (ضبط -) ثم حرره. ستعرض شاشة عرض مجموعة أجهزة القياس السرعة المضبوطة.

إذا تم ضبط النظام عند وصول سرعة السيارة إلى أقل من 19 ميلا/الساعة (30 كم/ساعة)، فسوف يتم ضبط السرعة المضبوطة بصورة افتراضية على 19 ميلا/الساعة (30 كم/ساعة). إذا تم ضبط النظام عند وصول سرعة السيارة

ملاحظة:

يؤدي إدخال أي تعديلات بالشاسيه/التعليق أو حجم الإطار على السيارة إلى التأثير على أداء وحدة التحكم في السرعة الثابتة المهيمنة ونظام تحذير التصادم الأمامي.

تنشيط وحدة التحكم في السرعة الثابتة المهيمنة (ACC)

يمكنك فقط تشغيل وحدة التحكم في السرعة الثابتة المهيمنة (ACC) إذا كانت سرعة السيارة أعلى من 0 ميلا/الساعة (0 كم/ساعة).

الحد الأدنى للسرعة المضبوطة لوحدة التحكم في السرعة الثابتة المهيمنة (ACC) هو 19 ميلا/الساعة (30 كم/ساعة).

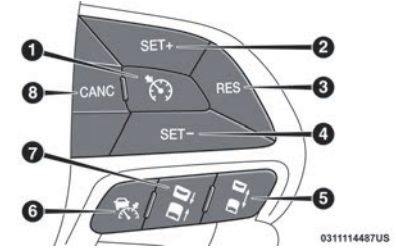
عند تشغيل النظام ووجوده في حالة الاستعداد، تعرض شاشة عرض مجموعة أجهزة القياس رسالة "ACC Ready" (وحدة التحكم في السرعة الثابتة المهيمنة جاهزة).

عندما يكون النظام متوقفًا عن التشغيل، تعرض شاشة عرض مجموعة أجهزة القياس الرسالة "Adaptive ACC Off" (وحدة التحكم في السرعة الثابتة المهيمنة متوقفة).

ملاحظة:

لا يمكنك تشغيل وحدة التحكم في السرعة الثابتة المهيمنة (ACC) في الحالات التالية:

- عندما تكون السيارة في وضع الدفع الرباعي المنخفض.
- عند استخدام الفرامل.
- عندما تكون فرامل التوقف مستخدمة.
- عندما يكون ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) أو REVERSE (الرجوع للخلف) أو NEUTRAL (اللاتعشيق).
- عندما تكون سرعة السيارة خارج نطاق السرعة.
- في حالة سخونة المفرطة للفرامل.
- عند فتح باب السائق أثناء القيادة بسرعات منخفضة.
- عند فك حزام أمان مقعد السائق أثناء القيادة بسرعات منخفضة.
- وضع "ESC Full Off" (الإيقاف الكامل لنظام التحكم في الاستقرار الإلكتروني) نشطًا.



أزرار التحكم في السرعة الثابتة المهيمنة

- 1 - زر تشغيل/إيقاف
تشغيل التحكم في السرعة الثابتة العادية (السرعة الثابتة)
5 - زيادة إعداد المسافة
- 2 - SET+ (الضبط)
Accel/((+)
6 - زر تشغيل/إيقاف
تشغيل وحدة التحكم في السرعة الثابتة المهيمنة
3 - RES/استئناف
- 3 - RES/استئناف
- 4 - SET- (الضبط)
Decel/((-)
7 - تناقص إعداد المسافة
- 8 - CANCEL/الغاء
السرعة

إعادة ضبط وحدة التحكم في السرعة الثابتة. تستخدم وحدة التحكم في السرعة الثابتة المهيأنة (ACC) كل من الكاميرا المتجهة للأمام مستشعر رادار تم تصميمه لاكتشاف السيارة التي أمامك مباشرة.

ملاحظة:

- إذا لم يكشف المستشعر السيارة التي أمامك مباشرة، فستحافظ وحدة التحكم في السرعة الثابتة المهيأنة (ACC) على سرعة ثابتة.
- إذا اكتشف مستشعر وحدة التحكم في السرعة الثابتة المهيأنة (ACC) سيارة أمامك، فستطبق الوحدة فرملة أو تتسارع بشكل محدود (بحيث لا يتجاوز السرعة المصنوعة الأصلية) للمحافظة على مسافة متابعة معينة مسبقاً، أثناء مطابقة سرعة السيارة التي أمامك.

يتضمن نظام التحكم بالسرعة الثابتة وضعي تحكم:

- وضع التحكم بالسرعة الثابتة المهيأني للمحافظة على مسافة مناسبة بين السيارات.
- وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة) للقيادة بسرعة ثابتة محددة مسبقاً. للحصول على معلومات إضافية، راجع "وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة)" في هذا القسم.

ملاحظة:

لن يستجيب وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة) للسيارات المتقدمة في الأمام. انتبه دوماً للوضع المحدد.

يمكن تغيير الوضع باستخدام أزرار التحكم في السرعة الثابتة. يعمل وضع التحكم بشكل مختلف عن بعضهما البعض. تأكد دوماً من الوضع المحدد.

تحذير!

- وحدة التحكم في السرعة الثابتة المهيأنة (ACC) هي نظام لتوفير الراحة. وهي ليست بديلاً للقيادة بانتباه. إن مسؤولية السائق دائماً هي الانتباه للطريق وحركة المرور وأحوال الطقس وسرعة السيارة والمسافة بينه وبين السيارة التي أمامه والأهم من ذلك استخدام الفرامل لضمان التشغيل الآمن للسيارة في ظل جميع ظروف الطريق. يعتبر انتباهك الكامل مطلوب دائماً أثناء القيادة للتحكم في السيارة بشكل آمن. قد يتسبب عدم اتباعك لهذه التحذيرات في حدوث تصادم والوفاة أو حدوث إصابة شخصية بالغة.
- نظام وحدة التحكم في السرعة الثابتة المهيأنة (ACC):
 - لا يتفاعل مع المشاة والسيارات القريبة والأشياء المتوقفة (على سبيل المثال، السيارات المتوقفة في زحام مروري أو السيارات المعطلة).
 - لا يمكنه أخذ ظروف الشارع وحركة المرور والطقس في الاعتبار وقد يكون محدود القدرات في ظروف مسافة الرؤية الصعبة.
 - لا يتعرف دائماً بشكل كامل على ظروف القيادة المعقدة والتي قد تؤدي إلى صدور تحذيرات المسافة الخطأ أو المفقودة.

(تابع)

تحذير! (تابع)

- سوف يقوم بإيقاف السيارة تماماً مع تتبع السيارة الهدف مع ضبط السيارة لمدة ثانيتين تقريباً في وضع التوقف. إذا لم يبدأ تشغيل السيارة الهدف في غضون ثانيتين، فسوف يعرض نظام وحدة التحكم في السرعة الثابتة المهيأنة (ACC) رسالة أن نظام سيقوم بتحرير الفرامل وأنه يجب استخدام الفرامل يدوياً. سوف تصدر إشارة صوتية عند تحرير الفرامل.

- يجب إيقاف تشغيل نظام وحدة التحكم في السرعة الثابتة المهيأنة (ACC) في الحالات التالية:
 - 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 من طريق سريع، وعند 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 تتيج الظروف القيادة الآمنة بسرعة ثابتة.

تشغيل وحدة التحكم في السرعة الثابتة المهيأنة

(ACC)

تقوم أزرار التحكم في السرعة (الموجودة في الجانب الأيمن من عجلة القيادة) بتشغيل نظام وحدة التحكم في السرعة الثابتة المهيأنة (ACC).

يمكن تحديد الوحدات المفضلة للسائق من خلال شاشة عرض مجموعة أجهزة القياس. راجع "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات. يعتمد انخفاض السرعة الموضحة على وحدة السرعة المختارة من وحدات النظام الأمريكي (ميل/الساعة) أو الوحدات المترية (كم/ساعة):

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

- يؤدي الضغط على زر SET (الضبط) (-) مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 ميل/الساعة.
- إذا استمر الضغط المطول على الزر، فستستمر السرعة المضبوطة في النقصان حتى يتم تحرير الزر، ثم يتم ضبط السرعة الجديدة.

السرعة بنظام الوحدات المترية (كم/الساعة)

- يؤدي الضغط على زر SET (الضبط) (-) مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 كم/الساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 كم/الساعة.
- إذا استمر الضغط المطول على الزر، فستستمر السرعة المضبوطة في النقصان حتى يتم تحرير الزر، ثم يتم ضبط السرعة الجديدة.

لتعجيل السرعة للتجاوز

اضغط على دواسة الوقود بصورة عادية. وعندما ترفع قدمك عن الدواسة تعود السرعة إلى ما كانت عليه مسبقاً.

استخدم نظام التحكم في السرعة على التلال

قد ينتقل ناقل الحركة إلى ترس منخفض على المرتفعات للحفاظ على السرعة المضبوطة للسيارة.

ملاحظة:

يحافظ نظام التحكم بالسرعة على السرعة المحددة عند صعود أو نزول المنحدرات. بعد حدوث تغيير بسيط في السرعة عند صعود التلال غير المرتفعة كثيراً أمراً طبيعياً. على المنحدرات شديدة الانحدار، قد يحدث نقص أو زيادة أكبر في السرعة لذلك فإنه من الأفضل أن تقود بدون نظام التحكم بالسرعة.

تحذير!

يمكن أن يكون نظام التحكم في السرعة خطيراً 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 تستخدم نظام التحكم في السرعة في حالات الزحام الشديد أو في الطرق الملتوية أو المغطاة بالثلج أو الجليد أو الطرق الزلقة.

لاستئناف السرعة

لاستئناف تشغيل السيارة على السرعة المضبوطة مسبقاً، اضغط على زر RES (الاستئناف) ثم حرره. يمكن استئناف السرعة أثناء القيادة بأي سرعة تزيد عن 32 كم/ساعة (20 ميلاً/الساعة).

إلغاء التنشيط

يؤدي الضغط الخفيف على دواسة الفرامل، أو الضغط على زر CANC (إلغاء)، أو الضغط العادي على الفرملة أثناء إبطاء السيارة إلى إلغاء تنشيط نظام التحكم في السرعة من دون محو السرعة المضبوطة في الذاكرة.

يؤدي الضغط على زر on/off (التشغيل/إيقاف التشغيل) أو إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) إلى محو السرعة المضبوطة في الذاكرة.

وحدة التحكم في السرعة الثابتة المهايئة

(ACC) - إذا كانت السيارة مزودة بذلك

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 التصادمات. تعمل وظيفة نظام التحكم في السرعة بشكل مختلف. يُرجى الرجوع إلى القسم المناسب ضمن هذا الفصل.

تتيح لك وحدة التحكم في السرعة الثابتة المهايئة (ACC) إمكانية الاحتفاظ بتشغيل وحدة التحكم في السرعة الثابتة في ظروف حركة المرور المعتدلة دون الحاجة الدائمة إلى

تحذير!

يمكن أن يكون نظام التحكم في السرعة 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 تستخدم نظام التحكم في السرعة في حالات الزحام الشديد أو في الطرق المتلوية أو المغطاة بالثلج أو الجليد أو الطرق الزلقة.

للتشغيل

اضغط على زر on/off (التشغيل/إيقاف التشغيل) لتنشيط نظام Speed Control (التحكم في السرعة). سوف تظهر الرسالة "CRUISE CONTROL READY" (وحدة التحكم في السرعة الثابتة جاهزة) في شاشة عرض مجموعة أجهزة القياس للإشارة إلى تشغيل نظام التحكم في السرعة. لإيقاف تشغيل النظام، اضغط على زر on/off (التشغيل/إيقاف التشغيل) مرة أخرى. سوف تظهر الرسالة "CRUISE CONTROL OFF" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة) في شاشة عرض مجموعة أجهزة القياس للإشارة إلى إيقاف تشغيل نظام التحكم في السرعة. ينبغي إيقاف تشغيل النظام في حالة عدم استخدامه.

تحذير!

ترك نظام التحكم في السرعة في وضع التشغيل في حالة عدم استخدامه أمر خطير. قد تقوم عن غير قصد بضبط النظام أو تتسبب في أن يجعله ينطلق أسرع مما تريد. من

(تابع)

تحذير! (تابع)

الممكن أن تفقد السيطرة على السيارة مما يعرضك لوقوع حادث. اترك نظام التشغيل مغلق دائمًا في حالة عدم استخدامه.

لضبط سرعة مرغوبة

قم بتشغيل Speed Control (نظام التحكم في السرعة). عند وصول السيارة إلى السرعة المطلوبة، اضغط على زر SET (الضبط) (+) أو زر SET (الضبط) (-) ثم حرره. حرر دواسة الوقود 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/الساعة)) تشير إلى السرعة التي تم ضبطها. كما يضيء مصباح مؤشر cruise (السرعة الثابتة) مع ظهور السرعة المضبوطة ويظل مضاءً في مجموعة أجهزة القياس عند ضبط السرعة.

لتغيير إعداد السرعة

لزيادة السرعة

عند ضبط نظام التحكم في السرعة، يمكنك خفض السرعة عن طريق الضغط على زر SET (الضبط) (+).

يمكن تحديد الوحدات المفضلة للسائق من خلال شاشة عرض مجموعة أجهزة القياس. راجع "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات. تعتمد

زيادة السرعة الموضحة على وحدة السرعة المختارة من وحدات النظام الأمريكي (ميل/الساعة) أو الوحدات المترية (كم/ساعة):

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

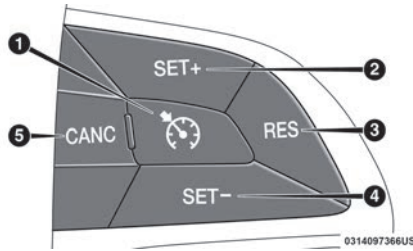
- يؤدي الضغط على زر SET (الضبط) (+) مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 ميل/الساعة.
- إذا استمر الضغط المطول على الزر، فستستمر السرعة المضبوطة في الزيادة حتى يتم تحرير الزر، ثم يتم ضبط السرعة الجديدة.

السرعة بنظام الوحدات المترية (كم/ساعة)

- يؤدي الضغط على زر SET (الضبط) (+) مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 كم/ساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 كم/ساعة.
- إذا استمر الضغط المطول على الزر، فستستمر السرعة المضبوطة في الزيادة حتى يتم تحرير الزر، ثم يتم ضبط السرعة الجديدة.

لخفض السرعة

عند ضبط نظام التحكم في السرعة، يمكنك خفض السرعة عن طريق الضغط على زر SET (الضبط) (-).



أزرار Speed Control (التحكم في السرعة)

1 - التشغيل/إيقاف	4 — SET- (الضبط)
التشغيل	Decel/((-) (خفض
2 — SET+ (الضبط	السرعة)
3 - RES/استئناف	5 - CANC/إلغاء

ملاحظة:

لضمان الاستخدام الصحيح، صُمم نظام التحكم في السرعة بحيث يتوقف عن العمل عند استخدام وظائف متعددة للتحكم في السرعة في الوقت نفسه. في حال حدوث ذلك، يمكن إعادة تنشيط نظام التحكم في السرعة بالضغط على زر Speed Control (التحكم في السرعة) إلى وضع التشغيل/إيقاف التشغيل وإعادة ضبط سرعة السيارة المرغوبة المحددة.

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.

في حالة 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 حالة ارتفاع درجة الحرارة في نظام التوجيه المعزز. عندما تكون ظروف القيادة آمنة، أوقف السيارة واتركها دائرة في حالة تباطؤ لبضع دقائق حتى يختفي الرمز والرسالة.

التحكم في السرعة — إذا كانت السيارة مزودة بذلك

عندما يتم تعشيق نظام التحكم في السرعة، فإنه يتولى تشغيل دواسة الوقود عند سرعات تزيد عن 20 ميلاً في الساعة (32 كم/ساعة).

توجد أزرار Speed Control (التحكم في السرعة) في الجانب الأيمن من عجلة القيادة.

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.

يمكن اختيار جهود التوجيه المعزز كهربياً البديلة من خلال نظام Uconnect. راجع "الميزات القابلة للبرمجة بواسطة العميل" ضمن "إعدادات نظام Uconnect" في "الوسائط المتعددة" للحصول على مزيد من المعلومات.

في حالة ظهور رمز التحذير Electric Power Steering Service (التوجيه المعزز كهربياً) وظهور الرسالة "POWER STEERING SERVICE" (نظام التوجيه المعزز يحتاج إلى صيانة) أو "POWER STEERING ASSIST OFF - SERVICE SYSTEM" (إيقاف مساعد التوجيه المعزز - يلزم صيانة للنظام) على شاشة عرض مجموعة أجهزة القياس، هذا يعني أن السيارة بحاجة إلى الصيانة لدى الوكيل. راجع "أضواء ورسائل التحذير" في "التعرّف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.



يشتمل نظام Selec-Terrain على الأوضاع التالية:

• **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 (ثلوج) هو NRH (ارتفاع القيادة العادي).

• **Auto** (أوتوماتيكي) – يمكن استخدام تشغيل الدفع الرباعي الأوتوماتيكي لكامل 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).

• **Sand** (رمال) – معايرة للطرق غير الممهدة للاستخدام على أسطح الجر المنخفض مثل الرمال أو الحشاش المبتلة. 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. إذا كانت السيارة مزودة بنظام التعليق الهوائي، فإن ارتفاع الركوب الافتراضي لوضع Sand (رمال) هو NRH (ارتفاع القيادة العادي).

• **Mud** (طين) – معايرة للطرق غير الممهدة للاستخدام على أسطح الجر المنخفض مثل الطين. 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. إذا كانت السيارة مزودة بنظام التعليق الهوائي، فسيتم تغيير المستوى إلى Off Road 1 (طريق غير ممهد 1).

• **Rock** (صخور) – تتوفر المعايرة للطرق غير الممهدة فقط في نطاق 4WD Low (الدفع الرباعي المنخفض). يتم رفع السيارة (إذا كانت مزودة بالتعليق الهوائي) لتحسين الخلوص الأرضي. توليف يعتمد على الجر مع تحسين القدرة على التوجيه للاستخدام على أسطح الطرق غير الممهدة عالية الجر. يستخدم للعوائق أثناء السرعة المنخفضة مثل الصخور الكبيرة والحفر العميقة وغيرها. في حال توفر التعليق الهوائي، يتغير مستوى السيارة إلى Off-Road 2 (طريق غير ممهد 2). في حالة وجود زر Selec-Terrain في الوضع Rock (صخور)، يتم تحويل علبه النقل من الدفع الرباعي المنخفض إلى الدفع الرباعي العالي، ويعود نظام Selec-Terrain إلى الوضع AUTO (أوتوماتيكي).

ملاحظة:

قم بتنشيط نظام التحكم في النزول من على المرتفعات أو التحكم في تحديد السرعة من أجل التحكم في النزول على المنحدرات. راجع "نظام التحكم الإلكتروني في الفرامل" في هذا القسم للحصول على مزيد من المعلومات.

رسائل شاشة عرض مجموعة أجهزة القياس عند تواجد الظروف المناسبة، تظهر رسالة في مجموعة أجهزة القياس. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

تقنية توفير الوقود للمحرك بسعة 5.7 لترات فقط — إذا كانت السيارة مزودة بذلك

توفر هذه الميزة مزيداً من التوفير في الوقود عن طريق إغلاق أربعة من أسطوانات المحرك الثمانية أثناء السير في ظل وجود حمولة خفيفة وفي الرحلات. إن هذا النظام أوتوماتيكي ولا يحتاج إلى أي إجراء من السائق أو أية مهارات قيادة إضافية.

ملاحظة:

قد يستغرق النظام بعض الوقت للعودة إلى الأداء الوظيفي الكامل بعد فصل البطارية.

التوجيه المعزز

يقوم نظام التوجيه المعزز كهربياً بتوفير سيطرة ممتازة على السيارة ويزيد من سهولة الاستدارة في المناطق الضيقة. ويتيح النظام تنويعاً في المساعدة الخاصة به حيث يوفر سهولة أثناء التوقف ويقدم تجربة قيادة جيدة. إذا طرأ عطل على نظام التوجيه المعزز كهربياً يحول بينه وبين تقديم المساعدة، فسيظل لديك إمكانية توجيه السيارة يدوياً.

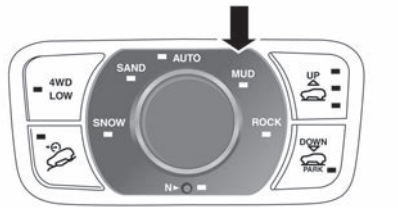
• وضع النقل – لن تضيء أي مصابيح مؤشرات. ستعمل قيادة العميل على تعطيل وضع النقل.

• وضع الإطار/الرافعة – سوف يضيء مصباحا المؤشر 3 و 6. ستعمل قيادة العميل على تعطيل وضع الإطار/الرافعة.

• وضع استقامة العجلات – سوف يضيء مصباحا المؤشر 3 و 4. ستعمل قيادة العميل على تعطيل وضع استقامة العجلات.

ميزة SELEC-TERRAIN (التضاريس المحددة) - إذا كانت السيارة مزودة 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.



مفتاح Selec-Terrain (التضاريس المحددة)

• طريق غير ممهد 1 (OR1) – تضيء مصابيح المؤشر 4 و 5 عندما تكون السيارة في وضع OR1.

• ارتفاع الركوب العادي (NRH) – يضيء مصباح المؤشر 4 عندما تكون السيارة في هذا الوضع.

• وضع Entry/Exit (الدخول/الخروج) – سوف يضيء مصباح المؤشر 3 عندما تكون السيارة في وضع Entry/Exit (الدخول/الخروج). في حالة طلب وضع Entry/Exit (الدخول/الخروج) مع وجود سرعة السيارة بين 15 ميلا/الساعة (24 كم/ساعة) و 25

ميلا/الساعة (40 كم/ساعة)، يظل مصباح المؤشر 4 في حالة الإضاءة ويومض مصباح المؤشر 3 بينما ينتظر النظام لتقليل سرعة السيارة. إذا تم خفض سرعة السيارة إلى 15 ميلا/الساعة (24 كم/ساعة) وبقيتها أدنى من ذلك، فسوف ينطفئ مصباح المؤشر 4 ويومض مصباح المؤشر 3 حتى يتم تشغيل وضع Entry/Exit (الدخول/الخروج) وعند ذلك يظل مصباح المؤشر

3 في حالة إضاءة. أثناء تغيير الارتفاع إلى وضع Entry/Exit (الدخول/الخروج)، إذا تجاوزت سرعة السيارة 15 ميلا/الساعة (24 كم/ساعة)، فسيتوقف تغيير الارتفاع مؤقتًا حتى تنخفض سرعة السيارة عن 15 ميلا/الساعة (24 كم/ساعة) ويستمر تغيير الارتفاع إلى وضع التوقف، أو حتى تتجاوز السرعة 25 ميلا/الساعة (40 كم/ساعة) ويعود ارتفاع السيارة إلى

وضع NRH (ارتفاع الركوب العادي). يمكن اختيار وضع Entry/Exit (الدخول/الخروج) والسيارة متوقفة ولكن بشرط استمرار المحرك في عمله وإغلاق جميع الأبواب.

يؤدي الضغط على زر التمرير "لأعلى" مرة واحدة إلى تحريك التعليق لأعلى بمقدار وضع واحد من الوضع الحالي، وذلك بافتراض استيفاء جميع الشروط (تشغيل المحرك، وعدم تجاوز السرعة للحد المقرر، وغير ذلك). يمكن الضغط على زر التمرير لأعلى عدة مرات، حيث

تؤدي كل مرة إلى الرفع للمستوى المطلوب بمقدار وضع واحد حتى بلوغ الوضع الأقصى لوضع OR2 (الطرق غير ممهدة 2) أو أعلى وضع مسموح به اعتمادًا على الظروف الحالية (مثل سرعة السيارة، وغير ذلك).

يؤدي الضغط على زر التمرير "لأسفل" مرة واحدة إلى تحريك التعليق لأسفل بمقدار وضع واحد من المستوى الحالي، وذلك بافتراض استيفاء جميع الشروط (تشغيل المحرك، وإغلاق الأبواب، وعدم تجاوز السرعة للحد المقرر، وغير ذلك). يمكن الضغط على زر التمرير لأسفل عدة مرات. حيث تؤدي كل مرة إلى خفض المستوى المطلوب بمقدار وضع واحد لأسفل حتى بلوغ الحد الأدنى لوضع PARK (التوقف) أو أدنى وضع مسموح به اعتمادًا على الظروف الحالية (مثل سرعة السيارة، وغير ذلك)

وتحدث تغييرات الارتفاع الأوتوماتيكية بناءً على سرعة السيارة وارتفاع السيارة الحالي. تعمل مصابيح المؤشر ورسائل شاشة عرض مجموعة أجهزة القياس بنفس الطريقة بالنسبة إلى التغييرات الأوتوماتيكية والتغييرات التي يطل عليها المستخدم.

• طريق غير ممهد 2 (OR2) – تضيء مصابيح المؤشر 4 و 5 و 6 عندما تكون السيارة في وضع OR2.

تحذير!

يستخدم نظام التعليق الهوائي مقدارًا عاليًا من ضغط الهواء لتشغيل النظام. لتجنب حدوث إصابة شخصية أو تلف بالنظام، راجع الوكيل المعتمد لديك للحصول على معلومات حول الصيانة.

أوضاع التعليق الهوائي

يحتوي نظام التعليق الهوائي على أوضاع متعددة لحماية النظام في المواقف الفريدة:

وضع الإطار/الرافعة

للمساعدة في تغيير إطار احتياطي، يتمتع نظام التعليق الهوائي بميزة تتيح تعطيل ضبط المستوى الأوتوماتيكي. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

ملاحظة:

يُقصد من هذا الوضع التمكين عندما يكون المحرك قيد التشغيل.

وضع الدخول/الخروج الأوتوماتيكي

للمساعدة في الدخول إلى السيارة والخروج منها، يشتمل نظام التعليق الهوائي على ميزة تخفض السيارة بصورة أوتوماتيكية إلى ارتفاع القيادة الخاص بالدخول/الخروج. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

ملاحظة:

يُقصد من هذا الوضع التمكين عندما يكون المحرك قيد التشغيل.

وضع النقل

للمساعدة عند السحب باستخدام شاحنة مسطحة، يتمتع نظام التعليق الهوائي بميزة تضع السيارة في وضع ارتفاع الدخول/الخروج وتعمل على تعطيل نظام موازنة الحمولة الأوتوماتيكي. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

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 التعليق) عرض تحذيرات التعليق فقط. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

ملاحظة:

يُقصد من هذا الوضع التمكين عندما يكون المحرك قيد التشغيل.

وضع محاذاة العجلات

يجب تمكين هذا الوضع قبل إجراء محاذاة العجلة. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

ملاحظة:

يُقصد من هذا الوضع التمكين عندما يكون المحرك قيد التشغيل.

في حالة التزود براديو مزود بشاشة اللمس، يجب القيام بجميع عمليات التمكين/التعطيل لمزايا التعليق من خلال الراديو. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

رسائل شاشة عرض مجموعة أجهزة القياس

عند تواجد الظروف المناسبة، تظهر رسالة في مجموعة أجهزة القياس. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

التشغيل

تضيء مصابيح المؤشر من 3 إلى 6 لعرض الوضع الحالي للسيارة. تعرض مصابيح المؤشر الواضحة الوضع الذي يعمل النظام على الوصول إليه. عند الرفع، في حالة وميض العديد من أضواء المؤشرات متعددة على زر سهم "الأعلى"، فإن أعلى مصباح مؤشر وامض هو الوضع الذي يعمل النظام على الوصول إليه. عند الخفض، في حالة وميض العديد من المؤشرات على زر سهم "الأسفل"، فإن أدنى مصباح مؤشر ثابت هو الوضع الذي يعمل النظام على الوصول إليه.

ستدخل السيارة إلى الوضع Aero (الهوائي) أوتوماتيكياً في حالة بقاء سرعة السيارة بين 83 كم/ساعة (52 ميلاً/ساعة) و90 كم/ساعة (56 ميلاً/ساعة) لأكثر من 20 ثانية أو إذا تجاوزت سرعة السيارة 90 كم/ساعة (56 ميلاً/ساعة). ستعود السيارة إلى وضع ارتفاع الركوب العادي (NRH) من الوضع Aero (الهوائي) في حالة بقاء سرعة السيارة بين 32 كم/ساعة (20 ميلاً/ساعة) و40 كم/ساعة (25 ميلاً/ساعة) لأكثر من 20 ثانية أو إذا قلت سرعة السيارة عن 32 كم/ساعة (20 ميلاً/ساعة). تدخل السيارة في الوضع Aero (الهوائي)، بغض النظر عن سرعة السيارة إذا كان السيارة معشقة في وضع "SPORT" (الرياضية).

• **وضع Entry/Exit (الدخول/الخروج) يخفض** السيارة بمقدار 40 مم (1.6 بوصة تقريباً) – يؤدي هذا الوضع إلى خفض السيارة لتسهيل دخول الراكب وخروجه بالإضافة إلى خفض مؤخرة السيارة لتسهيل وضع الحمولة وإزالتها. للدخول إلى وضع Entry/Exit (الدخول/الخروج)، اضغط على زر DOWN (أسفل) مرة واحدة من وضع NRH (ارتفاع الركوب العادي) عندما تسير السيارة بسرعة أقل من 40 كم/ساعة (25 ميلاً/ساعة). عندما تقل سرعة السيارة عن 24 كم/ساعة (15 ميلاً/ساعة)، سيبدأ ارتفاع السيارة في الانخفاض. إذا ظلت سرعة السيارة بين 24 كم/ساعة (15 ميلاً/ساعة) و40 كم/ساعة (25 ميلاً/ساعة) لأكثر من 60 ثانية، أو تجاوزت سرعة السيارة 40 كم/ساعة (25 ميلاً/ساعة) فسيتم إلغاء تغيير وضع Entry/Exit (الدخول/الخروج).

للخروج من وضع Entry/Exit (الدخول/الخروج)، اضغط على زر التمرير "لأعلى" مرة واحدة أثناء التواجد في وضع Entry/Exit (الدخول/الخروج) أو قيادة السيارة بسرعة تزيد عن 24 كم/ساعة (15 ميلاً/ساعة).

ملاحظة:

يمكن تمكين الخفض الأوتوماتيكي للسيارة إلى وضع Entry/Exit (الدخول/الخروج) من خلال جهاز الراديو المزود بشاشة اللمس بنظام Uconnect. إذا تم تمكين هذه الميزة، فسيتم خفض السيارة فقط في حالة وجود محدد التروس في وضع "PARK" (التوقف) مع وجود مفتاح التضاريس في وضع "AUTO" (أوتوماتيكي) وعلبة النقل في وضع "AUTO" (أوتوماتيكي) وسيكون مستوى السيارة إما في وضع Normal (عادي) أو الوضع Aero (الهوائي). لن يتم خفض السيارة أوتوماتيكياً إذا كان مستوى التعليق الهوائي في وضع Off Rd 1 أو Off Rd 2. إذا كانت السيارة مزودة بوحدة كشف التسلل والسرقة (ITM)، فسيتم منع الخفض عندما يكون مفتاح التشغيل في وضع OFF (إيقاف التشغيل) مع وجود الباب مفتوحاً لتفادي ضبط الإنذار على إيقاف التشغيل.

سيقوم مفتاح Selec-Terrain أوتوماتيكياً بتغيير السيارة إلى الارتفاع المناسب بناءً على وضع مفتاح Selec-Terrain. يمكن تغيير الارتفاع من إعدادات Selec-Terrain الافتراضية بالاستخدام العادي لأزرار التعليق الهوائي. راجع "ميزة Selec-Terrain" في "البدء والتشغيل" لمزيد من المعلومات.

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 سطوح 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. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

للحصول على مزيد من المعلومات، راجع "تلميحات القيادة" في قسم "البدء والتشغيل".

ملاحظة:

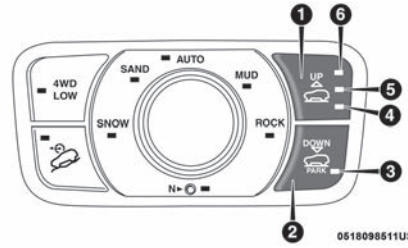
في حالة التزود براديو مزود بشاشة اللمس، يجب القيام بجميع عمليات التمكين/التعطيل لمزايا التعليق من خلال الراديو. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

التفاضلي محدود الانزلاق إلكترونيًا (ELSD) الاختياري بشكل أوتوماتيكي كامل ودون حاجة لأي 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 متشابهًا. اتبع إرشادات النقل باستخدام علبة نقل Quadra-Trac II قبل هذا الإجراء لنقل التروس باستخدام هذا النظام.

ميزة QUADRA-LIFT (الرفع الرباعي) - إذا كانت السيارة مزودة بذلك

الوصف

يتيح نظام التعليق الهوائي Quadra-Lift إمكانية موازنة الحمولة كاملة الوقت مع ميزة القدرة على ضبط ارتفاع السيارة بالضغط على زر. ستقوم السيارة برفع ارتفاع القيادة وخفضه بصورة أوتوماتيكية للتكيف مع ظروف القيادة المناسبة. في السرعات العالية، ستخفض السيارة إلى ارتفاع القيادة الإيروديناميكي وعند التشغيل في أوضاع الطرق غير الممهدة، ستقوم السيارة برفع ارتفاع القيادة وفقًا لذلك. يمكن استخدام الأزرار الموجودة بالقرب من مفتاح التضاريس في منطقة الكونسول المركزي لضبط ارتفاع القيادة المفضل ليتوافق مع الظروف المناسبة.



مفتاح Selec-Terrain (التضاريس المحددة)

- 1 — زر التمرير لأعلى
- 2 — زر التمرير لأسفل
- 3 — مصباح مؤشر وضع Entry/Exit (الدخول/الخروج) (قابل للتحديد بواسطة العميل)
- 4 — مصباح مؤشر ارتفاع الركوب العادي (قابل للتحديد بواسطة العميل)
- 5 — مصباح مؤشر طريق غير ممهد 1 (قابل للتحديد بواسطة العميل)
- 6 — مصباح مؤشر طريق غير ممهد 2 (قابل للتحديد بواسطة العميل)

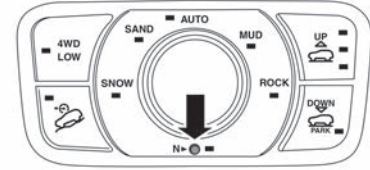
لكل أنواع القيادة على الطرق غير الممهدة حتى تكون هناك حاجة إلى وضع الطرق غير الممهدة 2 (OR2). سيؤدي ذلك إلى قيادة أكثر راحة وسلاسة. اضغط على زر UP (لأعلى) مرة واحدة من وضع ارتفاع ركوب عادي (NRH) بينما تقل سرعة السيارة عن 61 كم/ساعة (38 ميلًا/ساعة). في وضع OR1، إذا ظلت سرعة السيارة بين 64 كم/ساعة (40 ميلًا/ساعة) و80 كم/ساعة (50 ميلًا/ساعة) لأكثر من 20 ثانية أو إذا تجاوزت سرعة السيارة 80 كم/ساعة (50 ميلًا/ساعة)، فسيتم خفض السيارة أوتوماتيكيًا إلى ارتفاع الركوب العادي (NRH). راجع "إرشادات القيادة" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

- **الطرق غير الممهدة 2 (OR2) (رفع السيارة لمسافة 55 مم (بوصة 2.2) تقريبًا)** – هذا الوضع مخصص للاستخدام على الطرق غير الممهدة فقط حيث يلزم توفر أقصى درجة للخلوص الأرضي. للدخول في وضع OR2، اضغط على زر UP (لأعلى) مرتين من وضع ارتفاع الركوب العادي (NRH) أو مرة واحدة من وضع OR1 مع انخفاض سرعة السيارة عن 32 كم/ساعة (20 ميلًا/ساعة). أثناء تشغيل وضع OR2، إذا تجاوزت سرعة السيارة 40 كم/ساعة (25 ميلًا/ساعة)، فسيتم خفض ارتفاع السيارة أوتوماتيكيًا إلى وضع OR1. راجع "إرشادات القيادة" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

- **الوضع Aero (الهوائي) (خفض السيارة بمقدار 15 مم (بوصة 0.6) تقريبًا)** – يعمل هذا الوضع على تحسين ديناميكيات الهواء عن طريق خفض السيارة

- **ارتفاع الركوب العادي (NRH)** – هذا هو الوضع القياسي للتعليق وهو مخصص للقيادة العادية.
- **الطرق غير الممهدة 1 (OR1) (رفع السيارة لمسافة 28 مم (بوصة 1.1) تقريبًا))** – هذا هو الوضع الأساسي

"NEUTRAL" (اللاتعشيق) في شاشة عرض مجموعة أجهزة القياس. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.



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مفتاح N (اللاتعشيق)

6. بعد اكتمال النقل وإضاءة مصباح وضع N (اللاتعشيق)، قم بتحرير زر وضع N (اللاتعشيق).

7. قم بتغيير ناقل الحركة إلى ترس REVERSE (الرجوع للخلف).

8. حرر دواسة الفرامل لمدة 5 ثوان وتأكد من عدم وجود حركة بالسيارة.

9. اضغط على دواسة الفرامل وحررها. نقل ناقل الحركة مرة أخرى إلى وضع NEUTRAL (اللاتعشيق).

10. أحكم تعشيق فرامل التوقف.

11. عندما يكون ناقل الحركة وعلبة النقل في وضع NEUTRAL (اللاتعشيق)، اضغط مطولاً على زر

ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) حتى يتم إيقاف المحرك.

12. ضع محدد التروس بناقل الحركة في وضع PARK (التوقف). حرر دواسة الفرامل.

13. اضغط على زر ENGINE STOP/START (بدء تشغيل/إيقاف المحرك) مرتين (من دون الضغط على دواسة الفرامل) لإدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

14. حرر فرامل التوقف فقط عندما يتم إحكام توصيل السيارة بسيارة السحب.

ملاحظة:

إذا لم تتوافر شروط النقل/الترابط، فستومض الرسالة "To Tow Vehicle Safely, Read Neutral Shift Procedure in Owners Manual" (لسحب السيارة على نحو آمن، اقرأ إجراء النقل إلى وضع اللاتعشيق في دليل المالك) من شاشة عرض مجموعة أجهزة القياس. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

التغيير من وضع NEUTRAL (N) (اللاتعشيق)

استخدم الإجراء التالي لتحضير سيارتك للاستخدام العادي.

1. أوقف السيارة تماماً.

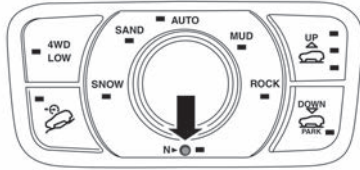
2. أحكم تعشيق فرامل التوقف.

3. قم بتشغيل المحرك.

4. اضغط على دواسة الفرامل وحررها.

5. نقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).

6. باستخدام قلم ذي سن كروي أو أداة مشابهة، اضغط مطولاً على زر N (اللاتعشيق) الغائر في علبة النقل (الموجود بجوار مفتاح التحديد) لمدة ثانية واحدة.



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مفتاح N (اللاتعشيق)

7. عند انطفاء ضوء مؤشر وضع N (اللاتعشيق) قم بتحرير زر N (اللاتعشيق).

8. بعد تحرير زر N (اللاتعشيق)، ستنتقل علبة النقل إلى الموضع المحدد بواسطة مفتاح التحديد.

نظام Quadra-Drive II - إذا كانت السيارة مزودة بذلك

يحتوي نظام Quadra-Drive II الاختياري على وصلتين لنقل العزم. وتتضمن الوصلات المحور الخلفي للقلل التفاضلي محدود الانزلاق إلكترونياً (ELSD) وعلبة نقل Quadra-Trac II. يعمل المحور الخلفي للقلل

تحذير!

قد تتعرض أنت أو الآخرين للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود علبة النقل وضع N (اللاتعشيق) دون استخدام فرامل التوقف أولاً بشكل كامل. يعمل وضع N (اللاتعشيق) على فصل كل من عمودي التوجيه الأمامي والخلفي عن مجموعة الدفع والحركة، ويسمح للسيارة بالحركة حتى وإن كان ناقل الحركة بوضع PARK (التوقف). يجب استخدام فرامل التوقف دائماً عندما لا يكون السائق موجوداً في السيارة.

إذا لم تتوافر شروط النقل/الترباط أو وجود حماية لدرجة حرارة موتور علبة النقل، فسوف تومض الرسالة "For 4x4 Low Slow Below 3 mph (5 km/h) Put Trans in N" Press 4 Low المنخفض البطيء أقل من 5 كم/ساعة (3 أميال/الساعة) ضع ناقل الحركة في وضع اللاتعشيق واضغط على الدفع الرباعي المنخفض) من شاشة عرض مجموعة أجهزة القياس. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

4WD LOW (الدفع الرباعي المنخفض) إلى 4WD HI (الدفع الرباعي العالي)

عندما تكون السيارة في سرعات بين 0 و 5 كم/ساعة (0 و 3 أميال/الساعة)، وفي ظل وجود مفتاح التشغيل في وضع ON (التشغيل) أو مع عمل المحرك، انقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) واضغط على زر "4WD LOW" (الدفع الرباعي المنخفض) في مفتاح علبة النقل. يبدأ ضوء مؤشر "4WD LOW" (وضع الدفع الرباعي المنخفض) في مجموعة أجهزة القياس في الوميض ويتوقف عند اكتمال النقل.

• إذا لم تتوافر شروط النقل/الترباط أو وجود حماية لدرجة حرارة موتور علبة النقل، فسوف تومض الرسالة "For 4x4 High Slow Below 3 mph (5 km/h) Put Trans in N Press 4 Low" (الدفع الرباعي العالي البطيء أقل من 5 كم/ساعة (3 أميال/الساعة) ضع ناقل الحركة في وضع اللاتعشيق واضغط على الدفع الرباعي المنخفض) في شاشة عرض مجموعة أجهزة القياس. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

• 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/الساعة (0 إلى 3 أميال/الساعة). إذا كانت السيارة تتحرك بسرعة أكبر من 5 كم/ساعة (3 أميال/الساعة)، فلن يتم السماح لعلبة النقل بالانتقال.

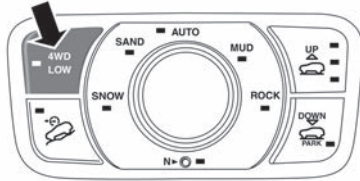
1. أوقف السيارة تماماً أثناء وجود المحرك قيد التشغيل.
2. اضغط على دواسة الفرامل وحررها.
3. نقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).
4. إذا كانت السيارة مزودة بنظام التعليق الهوائي Quadra-Lift، فتأكد من أن السيارة قد تم ضبطها على ارتفاع الركوب العادي.

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 (اللاتعشيق)، مشيراً إلى تقدم النقل. وسيتوقف الضوء عن الوميض (يبقى مضيئاً باستمرار) مع اكتمال النقل إلى وضع N (اللاتعشيق). ستظهر رسالة

إجراءات النقل

4WD HI (الدفع الرباعي العالي) إلى 4WD LOW (الدفع الرباعي المنخفض)

عندما تكون السيارة في سرعات بين 0 و 5 كم/ساعة (0 و 3 أميال/الساعة)، وفي ظل وجود مفتاح التشغيل في وضع ON (التشغيل) أو مع عمل المحرك، انقل ناقل الحركة إلى وضع "N" (اللاتعشيق) واضغط على زر "4WD LOW" (الدفع الرباعي المنخفض) في مفتاح علبة النقل. يبدأ ضوء مؤشر "4WD LOW" (الدفع الرباعي المنخفض) في مجموعة أجهزة القياس في الوميض ويبقى ثابتاً على إضاءته مع اكتمال النقل.



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مفتاح علبة النقل

تحذير!

فقد تتعرض أنت أو الآخرين للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود علبة النقل في وضع NEUTRAL (اللاتعشيق) دون استخدام فرامل التوقف أو لا بشكل كامل. يقوم وضع NEUTRAL (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 دائماً عندما لا يكون السائق موجوداً في السيارة.

4WD LOW (الدفع الرباعي المنخفض)

يوفر هذا النطاق دفعاً رباعياً منخفض السرعة. حيث يوفر خفض إضافي للترس مما يتيح زيادة قوة العزم التي يتم توصيلها إلى كل من العجلات الأمامية والخلفية مع توفير أقصى حد لقوة السحب على الطرق ذات الأسطح الرخوة والزلقة فقط. لا تتجاوز سرعة 25 ميلاً/الساعة (40 كم/ساعة).

ملاحظة:

راجع "ميزة Selec-Terrain (التضاريس المحددة) – إذا كانت السيارة مزودة بذلك" للحصول على مزيد من المعلومات حول الأوضاع المختلفة والاستخدامات الخاصة بها.

تحذير! (تابع)

بالحركة حتى وإن كان ناقل الحركة في وضع PARK (التوقف). يجب استخدام فرامل التوقف دائماً عندما لا يكون السائق موجوداً في السيارة.

أوضاع النقل

لمزيد من المعلومات حول الاستخدام المناسب لكل وضع من أوضاع نظام الدفع الرباعي (4WD)، انظر المعلومات الموضحة أدناه:

4WD AUTO (الدفع الرباعي الأوتوماتيكي)

يستخدم هذا النطاق على أسطح الطرق مثل الثلج والحصى والرمال والأرصفت القاسية الجافة.

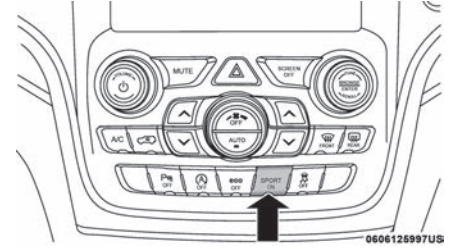
ملاحظة:

راجع "ميزة Selec-Terrain (التضاريس المحددة) – إذا كانت السيارة مزودة بذلك" بشكل أوسع في هذا القسم للحصول على مزيد من المعلومات حول الأوضاع المختلفة والاستخدامات الخاصة بها.

NEUTRAL (اللاتعشيق)

يحرر هذا النطاق مجموعة القيادة من مجموعة الدفع والحركة. يتم استخداما للسحب المسطح خلف سيارة أخرى. راجع "الجر من أجل الاستجمام" في "البدء والتشغيل" لمزيد من المعلومات.

وضع SPORT (الرياضة) - إذا كانت السيارة مزودة بذلك



زر وضع Sport (الرياضة)

إن سيارتك مزودة بميزة وضع Sport (الرياضة). يعد هذا الوضع تكوين إعداد مناسب لعشاق القيادة. يتم ضبط أنظمة المحرك وناقل الحركة والتوجيه على إعدادات "SPORT" (الرياضة). يوفر وضع Sport (الرياضة) استجابة محسنة لصمام الاختناق وعمليات نقل للتروس معدلة، بالإضافة إلى أكبر قدر من التوجيه. يمكن تنشيط هذا الوضع وتعطيله بالضغط على زر Sport (الرياضة) في صف مفاتيح لوحة أجهزة القياس.

تشغيل الدفع الرباعي

إرشادات/احتياطات تشغيل نظام Quadra-Trac I إذا كانت السيارة مزودة بذلك

إن وضع Quadra-Trac هو علبه ناقل حركة ذات سرعة واحدة (النطاق العالي فقط) توفر دفعا مربحا 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 يعتبر نظام Quadra-Trac I مناسبًا للظروف التي يُوصى فيها باستخدام نطاق 4WD LOW (الدفع الرباعي المنخفض). راجع "لمنحجات القيادة على الطرق غير الممهدة" في "البداة والتشغيل"

إرشادات/احتياطات تشغيل نظام Quadra-Trac II - إذا كانت السيارة مزودة بذلك

تعمل علبه نقل Quadra-Trac II بشكل أوتوماتيكي كامل في ظل القيادة العادية في وضع 4WD AUTO (الدفع الرباعي الأوتوماتيكي). توفر علبه النقل Quadra-Trac II ثلاثة أوضاع:

- 4WD HI (الدفع الرباعي العالي)
- NEUTRAL (اللاتعشيق)
- 4WD LOW (الدفع الرباعي المنخفض)

تعمل علبه النقل هذه بشكل أوتوماتيكي بالكامل في وضع 4WD HI (الدفع الرباعي العالي).

عند الحاجة إلى جر إضافي، يمكن استخدام وضع الدفع الرباعي المنخفض لقفل عمودي التوجيه الأمامي والخلفي معًا وإجبار العجلات الأمامية والخلفية على الدوران بنفس

السرعة. إن وضع الدفع الرباعي المنخفض مصمم للاستعمال على أسطح الطرق الرخوة أو الزلقة فقط. 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. احتس من زيادة سرعة المحرك ولا تتجاوز سرعة 40 كم/الساعة (25 ميلًا/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 علبه النقل.

نظرًا لأن الدفع الرباعي يوفر جزًا محسنًا، تميل سيارات الدفع الرباعي إلى تجاوز سرعات الانعطاف والتوقف. لا تقد السيارة بسرعات لا تسمح بها ظروف الطريق.

تحذير!

فقد تتعرض أنت أو الآخرين للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود علبه النقل في وضع NEUTRAL (اللاتعشيق) دون استخدام فرامل التوقف أو لا بشكل كامل. يقوم وضع NEUTRAL (اللاتعشيق) لعلبة النقل بفصل كل من عمودي الإدارة الأمامي والخلفي عن مجموعة الدفع والحركة، ويسمح للسيارة

(تابع)

دواسة النقل (-) من أجل الدخول إلى وضع AutoStick (العصا الأوتوماتيكية) إلى نقل ناقل الحركة إلى الترس التالي الأقل، بينما يؤدي الضغط على (+) من أجل الدخول إلى وضع AutoStick (العصا الأوتوماتيكية) إلى المحافظة على البقاء في الترس الحالي. وسوف يتم عرض ترس ناقل الحركة الحالي في مجموعة أجهزة القياس. في وضع AutoStick (العصا الأوتوماتيكية)، يمكنك استخدام محدد التروس (في الوضع MANUAL (البيدي))، أو دواسات النقل، لنقل ناقل الحركة يدويًا. يؤدي الضغط على محدد التروس إلى الأمام (-) أثناء التواجد في الوضع MANUAL (البيدي) (M) أو الضغط على ذراع التبديل (-) إلى تحريك ناقل الحركة إلى الترس الأدنى التالي. يصدر الضغط على المحدد إلى الخلف (+) أو الضغط على دواسة النقل (+) أمر الانتقال إلى الترس الأعلى.

ملاحظة:

يمكن تعطيل دواسات النقل (أو إعادة تمكينها، حسب الرغبة) باستخدام Personal Settings (الإعدادات الشخصية) في نظام Uconnect.

في وضع العصا الأوتوماتيكية AutoStick، سيتم نقل ناقل الحركة إلى أعلى أو أسفل عند تحديد (+/-) يدويًا بواسطة السائق (باستخدام محدد التروس، أو دواسات النقل)، إلا إذا كان ذلك سيؤدي إلى حالة من إجهاد المحرك أو السرعة الزائدة. وسيظل في الترس المحدد حتى يتم اختيار نقل لترس آخر أعلى أو أسفل، باستثناء ما هو موصوف أدناه.

• ينتقل ناقل الحركة أوتوماتيكيًا إلى ترس أقل عندما تتباطأ السيارة (لمنع إجهاد المحرك) وسيعرض الترس الحالي.

• ينتقل ناقل الحركة أوتوماتيكيًا للأسفل إلى ترس السرعة الأول عند الرغبة في التوقف. بعد التوقف، يجب على السائق أن ينقل ناقل الحركة يدويًا لأعلى (+) أثناء تسارع السيارة.

• يمكنك بدء الحركة من التوقف باستخدام الترس الأول أو الثاني (أو الترس الثالث أو في نطاق 4LO الدفع الرباعي المنخفض) أو وضع Snow (ثلوج) أو وضع Sand (رمال)). يسمح الضغط على دواسة (+) (عند التوقف) ببدء تشغيل السيارة في وضع الترس الثاني. يمكن أن يكون بدء الحركة في الترس الثاني أو الثالث مفيدًا في ظروف الثلج أو الجليد.

• إذا كان الانتقال المطلوب إلى ترس أدنى سيتسبب في زيادة سرعة المحرك عن الحد المقرر، فلن يتم النقل.

• ويتجاهل النظام محاولات نقل التروس لأعلى عند السرعة المنخفضة للسيارة.

• يعمل إبقاء الدواسة (-) مضغوطة أو إبقاء محدد التروس في وضع (-) على خفض ناقل الحركة إلى أقل ترس ممكن في السرعة الحالية.

• وتصبح انتقالات ناقل الحركة أكثر وضوحًا عند تمكين العصا الأوتوماتيكية AutoStick.

• قد يعود النظام إلى وضع النقل الأوتوماتيكي في حالة اكتشاف عطل أو اكتشاف سخونة مفرطة.

ملاحظة:

عندما يتم تمكين Selec-Speed أو التحكم في النزول من على المرتفعات، يكون وضع AutoStick (العصا الأوتوماتيكية) غير نشطة.

لإلغاء تعشيق وضع AutoStick (العصا الأوتوماتيكية)، أعد محدد التروس إلى وضع DRIVE (القيادة)، أو اضغط مطولًا على دواسة النقل (+) (في حالة وجود محدد التروس في وضع DRIVE (القيادة) بالفعل) حتى تتم الإشارة إلى "D" مرة أخرى في مجموعة أجهزة القياس. يمكن تحريك ذراع النقل إلى داخل AutoStick (العصا الأوتوماتيكية) أو خارجها في أي وقت دون رفع قدمك عن دواسة الوقود.

تحذير!

لا تخفض السرعة للحصول على مزيد من الفرملة للمحرك على الطرق الزلقة. لأن ذلك قد يفقد العجلات الموجهة قدرتها على التماسك وتزلق السيارة مما قد يتسبب في وقوع تصادم أو إصابة شخصية.

في هذا القسم لمزيد من المعلومات) لتحديد ترس منخفض. 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 درجة الحرارة شديدة البرودة (-22 درجة فهرنهايت [30 درجة مئوية] أو أقل)، قد يتم تعديل تشغيل ناقل الحركة وفقاً لدرجة حرارة المحرك وناقل الحركة وأيضاً سرعة السيارة. سيتم استئناف التشغيل العادي عند ارتفاع درجة حرارة ناقل الحركة إلى مستوى مناسب.

اليدوي (M)

يعمل الوضع اليدوي (M, + / -) (إلى جانب وضع DRIVE (القيادة)) على تمكين التحكم اليدوي الكامل لتبديل ناقل الحركة (المعروفة أيضاً باسم وضع العصا الأوتوماتيكية AutoStick، راجع "العصا الأوتوماتيكية AutoStick" في هذا القسم للحصول على مزيد من المعلومات). يعمل تبديل محدد التروس إلى الأمام (-) أو إلى الخلف (+) أثناء التواجد في الوضع MANUAL (اليدوي) (العصا الأوتوماتيكية AutoStick) على تحديد ترس ناقل الحركة يدوياً، وسيعرض الترس الحالي في مجموعة أجهزة القياس.

وضع التحرك البطيء لناقل الحركة

تتم مراقبة وظيفة ناقل الحركة إلكترونياً عند مواجهة ظروف غير عادية. عند اكتشاف أي حالة من الحالات التي قد تتسبب في تلف ناقل الحركة، يتم تنشيط وضع التحرك البطيء 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 ضوء مؤشر العطل (MIL). 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 جميع 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 PARK (التوقف)، إن أمكن. إذا لم يكن الحال هكذا، فانقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).
3. اضغط مطولاً على مفتاح التشغيل حتى يتم إيقاف تشغيل المحرك.
4. انتظر 30 ثانية تقريباً.
5. أعد تشغيل المحرك.

6. ضع ذراع تغيير التروس في نطاق الترس المطلوب. عند انتهاء المشكلة، يعود ناقل الحركة إلى ظروف التشغيل العادية.

ملاحظة:

نوصي بزيارة وكيل معتمد في أقرب فرصة ممكنة حتى ولو كان يمكن إعادة ضبط ناقل الحركة. لدى الوكيل المعتمد معدات تشخيص لتقييم حالة ناقل الحركة.

إذا تعذر إعادة ضبط ناقل الحركة، فمن الضروري مراجعة الوكيل المعتمد.

العصا الأوتوماتيكية AutoStick

العصا الأوتوماتيكية AutoStick عبارة عن ميزة تفاعلية في ناقل الحركة توفر للسائق التحكم في نقل الحركة اليدوي، ومن ثم التحكم في السيارة بشكل أفضل. تتيح العصا الأوتوماتيكية AutoStick إمكانية زيادة قدرة فرملة المحرك إلى أقصى قدر ممكن، والتخلص من نقل التروس للأعلى وللأسفل بشكل غير مطلوب وتحسين أداء السيارة الكلي. كما يوفر هذا النظام مزيداً من التحكم أثناء المرور من السيارات والقيادة داخل المدن، والقيادة في ظروف الأراضي الزلقة، والقيادة على الجبال، وسحب المقطورة، والكثير من المواقف الأخرى.

التشغيل

لتنشيط وضع AutoStick (العصا الأوتوماتيكية)، حرك محدد التروس إلى الوضع MANUAL (اليدوي) (M) (إلى جانب وضع DRIVE (القيادة))، أو اضغط على إحدى دواسات النقل على عجلة القيادة. يؤدي الضغط على

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:

- عند النقل إلى وضع PARK (التوقف)، اضغط على زر lock (القفل) الموجود في محدد التروس ثم ادفع المحدد بالكامل بنبات للأمام إلى أن يتوقف ويستقر بالكامل.
- 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).

ملاحظة:

إذا تعذر تحريك محدد التروس إلى وضع PARK (التوقف) (عند الضغط للأمام)، فستكون على الأرجح في وضع العصا الأوتوماتيكية AutoStick (+ / -) (إلى جانب وضع DRIVE (القيادة)). في وضع AutoStick (العصا الأوتوماتيكية)، يتم عرض ترس ناقل الحركة (1 أو 2 أو 3، إلخ) في مجموعة أجهزة القياس. حرك محدد التروس إلى اليمين (إلى وضع DRIVE (القيادة)) للوصول إلى وضع PARK (التوقف) و REVERSE (الرجوع للخلف) و NEUTRAL (اللاتعشيق).

وضع الرجوع للخلف (R)

يستخدم هذا النطاق لتحريك السيارة إلى الخلف. انقل ذراع تغيير التروس إلى وضع REVERSE (الرجوع للخلف) فقط بعد إيقاف السيارة تمامًا.

(N) اللاتعشيق

استخدم هذا النطاق عند وقوف السيارة لفترات طويلة مع تشغيل المحرك. استخدم فرامل التوقف وحرك ناقل الحركة إلى وضع PARK (التوقف)، إذا كان من الضروري مغادرة 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

(تابع)

تحذير! (تابع)

الأمنة مقيدة لاستجابتك عند تغيير 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. راجع "السحب من أجل الاستجمام" في "البدء والتشغيل" و"سحب سيارة معطلة" في القسم "في حالات الطوارئ" للحصول على مزيد من المعلومات.

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 ترشيحًا لاستهلاك الوقود. ينتقل ناقل الحركة أوتوماتيكيًا إلى ترس أعلى من خلال جميع التروس الأمامية. ويوفر وضع DRIVE (القيادة) خواص القيادة القصوى في جميع ظروف التشغيل الطبيعية.

عند تكرار نقل ناقل الحركة (كما يحدث عند تشغيل السيارة في ظل ظروف تحميل شاقة أو على المرتفعات أو في مواجهة الريح القوية أو أثناء سحب مقطورة ضخمة)، استخدم مفتاح التحكم في نقل العصا الأوتوماتيكية AutoStick (راجع "العصا الأوتوماتيكية AutoStick")

عند الخروج من السيارة، دوماً:

- اضغط على فرامل التوقف،
- قم بتغيير ناقل الحركة إلى ترس 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 وضع DRIVE (القيادة).

تحذير!

- لا تستخدم وضع PARK (التوقف) كبديل لفرامل التوقف. واستخدم فرامل التوقف دائماً 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.

(تابع)

تحذير! (تابع)

- قد لا يتم تعشيق ناقل الحركة في وضع PARK (التوقف) إذا كانت السيارة تتحرك. احرص دائماً على أن تتوقف السيارة تماماً 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 تماماً، ومن الإشارة إلى وضع PARK (التوقف) بشكل صحيح، قبل مغادرة السيارة.
- إن تغيير التروس من وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) عندما تكون سرعة المحرك أعلى من سرعة التباطؤ ينطوي على خطورة. فإذا لم تكن قد تمك على دواسة الفرامل بأكملها، فباستطاعة السيارة 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 قد تمك على دواسة الفرامل بصورة تامة.

(تابع)

تحذير! (تابع)

- تؤدي حركة السيارة بشكل غير مقصود إلى إصابة من يقف داخل السيارة أو بالقرب منها. وبالنسبة لجميع السيارات، لا ينبغي عليك مطلقاً 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 دوماً أن مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، وقم بإزالة حافظة المفاتيح من السيارة واقفل السيارة.
- لا تترك أبداً الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقلعة. يعد ترك الأطفال في السيارة من دون مراقبة أمراً خطراً لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابة بالغة أو مميتة. وعليه يجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد ترس ناقل الحركة.
- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها (أو في مكان يتمكن الأطفال من الوصول إليه)، ولا تترك مفتاح التشغيل في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

عند توقف السيارة أو تحريكها بسرعات منخفضة. 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 المدار الإلكتروني بتهيئة نقل التروس وفقاً لإدخالات السائق بالإضافة إلى ظروف الطريق والبيئة. وتتميز الأجهزة الإلكترونية لناقل الحركة بأنها ذاتية المعايرة، لذا قد تلاحظ تقطعات فجائية خلال تبديلات التروس الأولى في السيارة الجديدة الاستخدام. وهذا الأمر طبيعي ويتم الرجوع إلى سرعات الانتقال عالية الدقة بعد القيادة لبطء منات 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.

يوفر محدد التروس بناقل الحركة أوضاع النقل PARK (التوقف) و REVERSE (الرجوع للخلف) و NEUTRAL (اللاتعشيق) و DRIVE (القيادة) و MANUAL (اليدوي) أو SPORT (الرياضة) (العصا الأوتوماتيكية AutoStick). يمكن إجراء النقلات اليدوية باستخدام مفتاح التحكم في نقل الحركة الخاص بالعصا الأوتوماتيكية AutoStick. يعمل تبديل محدد التروس إلى

الأمام (-) أو إلى الخلف (+) أثناء التواجد في الوضع MANUAL (اليدوي) أو SPORT (الرياضة) (العصا الأوتوماتيكية AutoStick) (إلى جانب وضع DRIVE (القيادة))، أو الضغط على ذراعي التبديل (-/+) على تحديد ترس ناقل الحركة يدوياً، وسيعرض الترس الحالي في مجموعة أجهزة القياس. راجع "العصا الأوتوماتيكية AutoStick" في هذا القسم للحصول على مزيد من المعلومات.



محدد التروس

ملاحظة:

إذا تعذر تحريك محدد التروس إلى وضع PARK (التوقف) أو وضع REVERSE (الرجوع للخلف) أو وضع NEUTRAL (اللاتعشيق) (عند الضغط للأمام)، فسيكون على الأرجح في الوضع AutoStick (العصا الأوتوماتيكية) (-/+) (إلى جانب وضع DRIVE (القيادة)). في وضع AutoStick (العصا الأوتوماتيكية)، يتم عرض ترس ناقل الحركة (1 أو 2 أو 3، إلخ) في

مجموعة أجهزة القياس. حرك محدد التروس إلى اليمين (إلى وضع DRIVE (القيادة)) للوصول إلى وضع PARK (التوقف) و REVERSE (الرجوع للخلف) و NEUTRAL (اللاتعشيق).

نطاقات التروس

لا تضغط على دواسة الوقود عند نقل التروس من وضع PARK (التوقف) أو NEUTRAL (اللاتعشيق) إلى نطاق ترس آخر.

ملاحظة:

بعد اختيار أي نطاق من نطاقات التروس، انتظر قليلاً للسماح بتعشيق الترس المحدد قبل بدء التسارع. وهذا الأمر يعد هاماً عندما يكون المحرك بارداً.

التوقف (P)

يعتبر هذا النطاق مكملاً لفرامل التوقف إذ إنه يقوم بفتح ناقل الحركة. وبالإمكان بدء تشغيل المحرك عند وضع ناقل الحركة في هذا الوضع. امتنع منعاً باتاً عن استخدام وضع PARK (التوقف) أثناء تحرك السيارة. استعمل فرامل التوقف عند الخروج من السيارة في هذا النطاق.

عند التوقف على سطح مستو، يمكنك نقل ناقل الحركة إلى وضع PARK (التوقف) أولاً ثم استخدام فرامل التوقف.

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 وبعيداً عن الرصيف عند الوقوف على سفح مرتفع.

تنبيه! (تابع)

• قبل تحريك ذراع تغيير التروس إلى أي ترس تأكد من وضع قدمك على دواسة الفرامل بصورة محكمة.

ملاحظة:

يجب الضغط مطولاً على دواسة الفرامل أثناء الخروج من وضع PARK (التوقف).

نظام ترابط وضع التوقف مع مفتاح التشغيل

هذه السيارة مزودة بنظام ترابط التوقف مع مفتاح التشغيل والذي يتطلب تحريك ناقل الحركة إلى وضع PARK (التوقف) 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 أيضاً 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 ACC (الملحقات) (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 ACC (الملحقات)) قبل الخروج من السيارة.

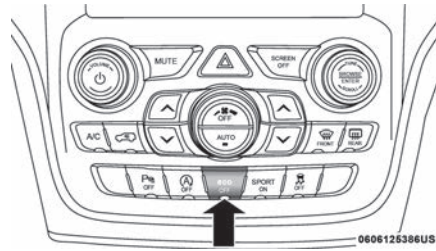
نظام ترابط الفرامل/ناقل الحركة

تم تزويد هذه السيارة بنظام ترابط بين الفرامل وناقل 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 (اللاتشيق) إلى DRIVE (القيادة) أو REVERSE (الرجوع للخلف) عندما تكون السيارة متوقفة أو متحركة بسرعة منخفضة.

وضع ECO (ترشيد استهلاك الوقود)

يمكن أن يحسن وضع ECO (ترشيد استهلاك الوقود) من استهلاك الوقود الإجمالي للسيارة أثناء ظروف القيادة العادية. اضغط على مفتاح "ECO" في مجموعة المفاتيح الوسطى على لوحة أجهزة القياس لتنشيط وضع ECO (ترشيد استهلاك الوقود) أو تعطيله. يشير الضوء الموجود على المفتاح إلى تعطيل وضع ECO (ترشيد استهلاك الوقود).



مفتاح وضع ترشيد استهلاك الوقود

عند تشغيل وضع ECO (ترشيد استهلاك الوقود) ستغير أنظمة التحكم في السيارة التالية:

- سينتقل ناقل الحركة إلى أعلى بسرعة وإلى أسفل ببطء.
- وسيكون أداء القيادة متمسماً بالترشيد بوجه عام.
- سوف تعمل السيارات المزودة بنظام التعليق الهوائي في وضع "Aero" (الهوائي) في نطاق يتجاوز حد السرعة. راجع القسم الخاص بميزة Quadra-Lift للحصول على مزيد من المعلومات.

- قد يتم منع بعض وظائف وضع ECO (ترشيد استهلاك الوقود) مؤقتاً بناءً على درجة الحرارة وعوامل أخرى.

إلغاء الضجيج النشط - إذا كانت السيارة مزودة بذلك

إن سيارتك مزودة بنظام إلغاء الضجيج النشط. يستخدم هذا النظام أربعة ميكروفونات مضمنة في البطانة العلوية للكشف عن ضوضاء العادم غير المرغوب فيها، التي تحدث في بعض الأحيان عند التشغيل في وضع ECO (ترشيد استهلاك الوقود). يقوم مولد التردد المدمج بإشياء موجات صوتية خلال نظام الصوت للمساعدة في الحفاظ على السيارة هادئة.

ناقل الحركة الأوتوماتيكي ثماني السرعات

يتم عرض نطاق ترس ناقل الحركة (PRNDM) بجانب محدد التروس وفي مجموعة أجهزة القياس. لتحديد نطاق أحد التروس، اضغط على زر القفل بمحدد التروس وحرك المحدد للأمام وللخلف. لتحريك ذراع النقل خارج وضع PARK (التوقف)، يجب تشغيل المحرك والضغط على دواسة الفرامل. يجب أيضاً أن تضغط على دواسة الفرامل للانتقال من وضع NEUTRAL (اللاتشيق) إلى وضع DRIVE (القيادة) أو REVERSE (الرجوع للخلف)،

تحذير!

- لا تستخدم وضع PARK (التوقف) 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.

(تابع)

تحذير! (تابع)

- إن تغيير التروس من وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) عندما تكون سرعة المحرك أعلى من سرعة التباطؤ ينطوي على خطورة. فإذا لم تكن قدمك على دواسة الفرامل بأكملها، فباستطاعة السيارة 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 حافظه المفاتيح من السيارة واقفل السيارة.

(تابع)

تحذير! (تابع)

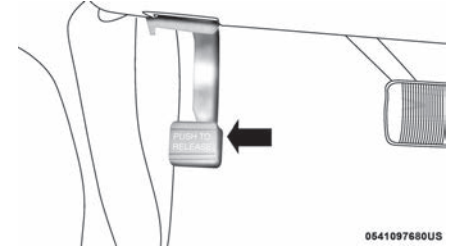
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطيرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابة بالغة أو مميتة. وعليه يجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد ترس ناقل الحركة.
- لا تترك حافظه المفاتيح في السيارة أو بالقرب منها (أو في مكان يتمكن الأطفال من الوصول إليه)، ولا تترك مفتاح التشغيل في وضع ACC (الملحقات) أو ON/ RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

تنبيه!

- قد يتعرض ناقل الحركة للتلف إذا لم تراخ الاحتياطات الواردة أدناه:
- انتقل إلى وضع PARK (التوقف) أو وضع REVERSE (الرجوع للخلف) أو قم بالنقل خارجهما فقط بعد إيقاف السيارة تمامًا.
 - لا تقم بالتبديل بين وضع PARK (التوقف) أو وضع REVERSE (الرجوع للخلف) أو وضع NEUTRAL (اللاتعشيق) أو وضع DRIVE (القيادة) عندما تكون سرعة المحرك أكبر من سرعة التباطؤ.

(تابع)

توجد فرامل التوقف التي يتم تشغيلها بالقدم أسفل الزاوية اليسرى السفلى للوحة أجهزة القياس. لاستعمال فرامل التوقف، ادفع بشدة دواسة فرامل التوقف بالكامل. لتحرير فرامل التوقف، اضغط على دواسة فرامل التوقف مرة ثانية وارفع قدمك للأعلى عند شعورك بفك تشعيق الفرامل.



فرامل التوقف

عند استخدام فرامل التوقف مع وجود مفتاح التشغيل في وضع ON (التشغيل)، سيضيء ضوء تحذيري بشأن الفرامل في مجموعة أجهزة القياس.

ملاحظة:

• عند استعمال فرامل التوقف ووضع ناقل الحركة في أحد التروس، سيومض الضوء التحذيري بشأن الفرامل. في حالة اكتشاف سرعة السيارة، تنصدر إشارة صوتية لتنبيه السائق. قم بتحرير فرامل التوقف بشكل كامل قبل محاولة تحريك السيارة.

• يدل هذا الضوء فقط على أن فرامل التوقف مستعملة. ولا يبين درجة فعالية استخدام الفرامل.

عند التوقف على تل، من المهم تدوير العجلات الأمامية إلى حافة الرصيف على سفح منحدر وبعيداً عن حافة الرصيف على سفح مرتفع. قم بتشغيل 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). يجب استخدام فرامل التوقف دائماً عندما لا يكون السائق موجوداً في السيارة.

تحذير!

- لا تستخدم وضع PARK (التوقف) كبديل لفرامل التوقف. واستعمل فرامل التوقف دائماً بصورة كاملة لتفادي تحريك السيارة وحدث إصابات.
- عند مغادرتك السيارة، قم دائماً بإخراج حافظه المفاتيح من مفتاح التشغيل وقم بقفل السيارة.
- لا تترك أبداً الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مغلقة. يعد ترك الأطفال في السيارة من دون مراقبة أمراً خطراً لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابة بالغة أو مميتة. وعليه فيجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد التروس.
- عند مغادرة السيارة، تأكد دوماً أن نقطة التشغيل دون مفاتيح في وضع "OFF" (إيقاف التشغيل)، وقم بإزالة حافظه المفاتيح من السيارة وقفل السيارة.

(تابع)

تحذير! (تابع)

- لا تترك حافظه المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه، ولا تترك سيارة مزودة بميزة الحركة والتشغيل من دون مفتاح في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأضرار التحكم الأخرى أو تحريك السيارة.
- تأكد من إطلاق فرامل التوقف قبل البدء بقيادة السيارة؛ لأن عدم القيام بذلك قد يؤدي إلى عطل الفرامل ووقوع تصادم.
- قم دائماً باستخدام فرامل التوقف عند ترك السيارة، وإلا فقد تنقلب السيارة وتتسبب في تلف الممتلكات أو الإصابة. تأكد أيضاً من ترك ناقل الحركة في وضع PARK (التوقف). إن عدم تنفيذ ذلك قد يسمح بتدحرج السيارة وحدث تلفيات أو إصابات.

تنبيه!

إذا استمر "الضوء التحذيري بشأن الفرامل" في الإضاءة بعد تحرير فرامل التوقف، فإن ذلك يشير إلى احتمال وجود خلل بنظام الفرامل. افحص نظام الفرامل لدى الوكيل المعتمد على الفور.

يجب توصيل سخان كتلة المحرك خلال ساعة واحدة على الأقل للحصول على تأثير تدفئة كاف على المحرك.

يوجد سلك سخان كتلة المحرك في:

- محرك بسعة 3.6 لتترات - ملفوف ومربوط بحزام على أنبوبة عصا قياس مستوى زيت المحرك.
- محرك سعة 5.7 لتترات - محزوم ومربوط بمجموعة الحاقن.

تحذير!

تذكر فصل سلك سخان كتلة المحرك قبل القيادة. فقد يتسبب تلف السلك الكهربائي 110-115 فولت في حدوث صدمة كهربائية.

توصيات بشأن تليين المحرك — محركات

البينزين

لا تحتاج مجموعة الدفع والحركة (المحرك وناقل الحركة والقابض والمحور الخلفي) في سيارتك الجديدة إلى فترة تليين طويلة.

انطلق بسرعة معتدلة خلال أول 500 كم (300 ميل). بعد أول 100 كم (60 ميلاً)، تصبح السرعات التي تصل إلى 80 أو 90 كم/الساعة (50 أو 55 ميلاً/الساعة) مرغوبة.

وعند قيادة السيارة من المحبذ تعجيل السرعة بفتح صمام الاختناق قليلاً بالضغط على دواسة الوقود لفترة قصيرة مع

التقيد بأنظمة السير المحلية. ومع ذلك قد يكون التسارع بفتح صمام الاختناق إلى أقصى درجة في التروس المنخفضة ضاراً ويجب تجنبه.

يتميز زيت المحرك وسائل ناقل الحركة وزيت تشحيم المحور التي تم وضعها في المصنع بالجودة العالية والتوفير في الطاقة. ويجب تغيير الزيت والوسائل وزيت التشحيم بانتظام وحسب مقتضيات الظروف المناخية المحيطة بالسيارة. لمعرفة درجات اللزوجة والجودة الموصى بها، راجع "السوائل وزيت التشحيم" في "المواصفات الفنية".

تنبيه!

لا تستخدم زيت غير مطهر أو زيت معدني خالص في المحرك حتى لا يحدث تلف به.

ملاحظة:

قد يستهلك المحرك الجديد بعض الزيت خلال الكيلومترات (الأميال) الألف الأولى من التشغيل. ويعتبر ذلك أمراً طبيعياً خلال مرحلة التليين ويجب ألا يفسر على أنه خلل. يُرجى التحقق من مستوى الزيت باستخدام مؤشر زيت المحرك بشكل معتاد أثناء فترة التليين. أضف الزيت حسب الحاجة.

توصيات بشأن تليين المحرك الجديد —

محركات الديزل سعة 3.0 لتترات

لا يتطلب محرك الديزل فترة تليين بسبب تصميمه. يُسمح بالتشغيل العادي، شريطة اتباع التوصيات التالية:

- تسخين المحرك قبل وضعه تحت حمل ما.

- عدم تشغيل المحرك في وضع التباطؤ لفترات طويلة.
- استخدام ترس ناقل الحركة المناسب لتفادي إجهاد المحرك.
- ملاحظة مؤشرات ضغط الزيت ودرجة الحرارة بالسيارة.
- فحص سائل التبريد ومستويات الزيت بشكل متكرر.
- تنويع وضع صمام الاختناق عند القيادة على الطرق السريعة بسرعة عالية أثناء حمل وزن كبير أو سحبه.

ملاحظة:

سوف يعمل تشغيل الخدمة الخفيفة كسحب مقطورة خفيفة أو التشغيل بدون حمل على إطالة الوقت قبل أن يعمل المحرك بكفاءة كاملة. قد يلاحظ تقليل ترشيد استهلاك الوقود والطاقة أثناء هذا الوقت.

يتماز زيت المحرك الذي يضعه المصنع في المحرك بجودة عالية تحافظ على الطاقة وعلى التزيت. ويجب تغيير الزيت بانتظام وحسب مقتضيات الظروف المناخية المحيطة بالسيارة. توجد درجات اللزوجة والجودة الموصى بها ضمن "السوائل وزيت التشحيم" في "المواصفات الفنية" في هذا الدليل. امتنع عن استعمال الزيوت غير المنظفة أو الزيوت المعدنية الاعتيادية.

فرامل التوقف

قبل مغادرة السيارة، تأكد من استخدام فرامل التوقف بالكامل ثم ضع محدد التروس في وضع PARK (التوقف).

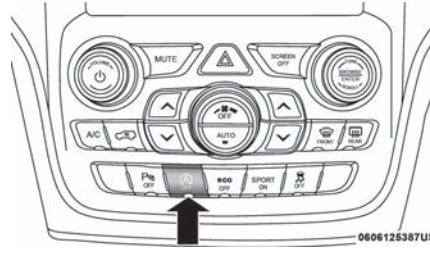
لبداء تشغيل المحرك أثناء التواجد في وضع التوقف الأوتوماتيكي

أثناء التواجد في ترس للأمام، سوف يبدأ المحرك في العمل عند تحرير دواسة الفرامل أو الضغط على دواسة الاختناق. 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.
- يتم ضبط HVAC (التسخين والتهوية ومكيف الهواء) على وضع إزالة الصقيع بالكامل.
- يتم ضبط درجة حرارة نظام التسخين والتهوية ومكيف الهواء أو سرعة المروحة يدويًا.
- انخفاض فولتية البطارية بدرجة كبيرة.
- تفريغ الفرامل المنخفض، (على سبيل المثال بعد عدة مرات من استخدام دواسة الفرامل).
- الضغط على مفتاح STOP/START OFF (إيقاف إيقاف/بدء التشغيل).
- حدوث خطأ في نظام STOP/START (الإيقاف/بدء التشغيل).
- وضع نظام الدفع الرباعي في وضع 4LO (الرباعي المنخفض).

إيقاف تشغيل نظام بدء التشغيل/الإيقاف يدويًا



مفتاح "STOP/START Off" (إيقاف تشغيل نظام الإيقاف/بدء التشغيل)

1. اضغط على مفتاح STOP/START OFF (إيقاف تشغيل نظام الإيقاف/بدء التشغيل) (الموجود في صف المفاتيح). يضيء الضوء الموجود على المفتاح.
2. سيتم عرض الرسالة "STOP/START OFF" (إيقاف تشغيل نظام الإيقاف/بدء التشغيل) في شاشة عرض مجموعة أجهزة القياس في قسم Stop/Start (الإيقاف/بدء التشغيل). راجع "مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

3. في التوقف التالي للسيارة (بعد إيقاف تشغيل نظام STOP/START (الإيقاف/بدء التشغيل)) لن يتم إيقاف تشغيل المحرك.

4. ويقوم نظام STOP/START (الإيقاف/بدء التشغيل) بضبط نفسه على حالة ON (التشغيل) في كل مرة يتم فيها تدوير مفتاح التشغيل إلى إيقاف التشغيل ثم 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. تظهر الرسالة "SERVICE STOP/" (بازم صيانة نظام الإيقاف/بدء التشغيل) في شاشة عرض مجموعة أجهزة القياس. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

في حالة ظهور الرسالة "SERVICE STOP/" (بازم صيانة نظام الإيقاف/بدء التشغيل) في شاشة عرض مجموعة أجهزة القياس، افحص النظام لدى وكيل معتمد.

سخان كتلة المحرك - إذا كانت السيارة مزودة بذلك

يقوم سخان كتلة المحرك بتسخين المحرك وتسمح بعمليات تشغيل سريعة في الطقس البارد. قم بتوصيل السلك بمنفذ تيار كهربائي متردد قياسي تتراوح شدته من 110 إلى 115 فولت مع سلك تطويل مؤرض ثلاثي.



يتم تمكين ميزة Stop/Start (إيقاف/بدء التشغيل) بعد كل عملية تشغيل عادية للمحرك من قبل العميل. في هذا الوقت، سيدخل النظام في وضع STOP/START READY (الإيقاف/بدء التشغيل غير جاهز) وفي حالة توافر جميع الشروط الأخرى، يمكنك الدخول في وضع STOP/START AUTOSTOP ACTIVE (إيقاف/بدء تشغيل التوقف الأوتوماتيكي نشط) "التوقف الأوتوماتيكي".

لتنشيط وضع التوقف الأوتوماتيكي، يجب أن يحدث الآتي:

- يجب أن يكون النظام في حالة STOP/START READY (الإيقاف/بدء التشغيل جاهز). سيتم عرض الرسالة "STOP/START READY" (الإيقاف/بدء التشغيل جاهز) في شاشة عرض مجموعة أجهزة القياس في قسم Stop/Start (الإيقاف/بدء التشغيل). راجع "مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

- يجب أن تكون السيارة متوقفة تمامًا.

- يجب أن يكون ناقل الحركة في ترس التحرك للأمام 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.

راجع "نظام الإيقاف/بدء التشغيل" في قسم "البدء والتشغيل" للحصول على مزيد من المعلومات.

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 لمكيف الهواء).

- المحرك لم يصل لدرجة التشغيل العادية.

- ناقل الحركة ليس في ترس أمامي.

- غطاء المحرك مفتوح.

- السيارة في وضع علبه النقل 4LO (الرباعي المنخفض).

- لم يتم الضغط على دواسة الفرامل بضغط كافي.

العوامل الأخرى التي قد تمنع التوقف الأوتوماتيكي تشمل:

- 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 أكثر من الحد.

- نظام التحكم في السرعة الثابتة المهايئة (ACC) في وضع التشغيل وتم ضبط السرعة.

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 أعلاه.

ظروف القيادة	الحمولة	درجة حرارة الشاحن التوربيني	زمن التباطؤ (بالدقائق) قبل إيقاف المحرك
سرعات الطرق السريعة	الحد الأقصى لمعدل الوزن الإجمالي المشترك (GCWR)		2.0
سفح مرتفع	الحد الأقصى لمعدل الوزن الإجمالي المشترك (GCWR)	ساخن	2.5

ملاحظة:

في ظل ظروف معينة، تعمل مروحة المحرك بعد إيقاف تشغيل المحرك. تحدث هذه الظروف في حالات التحميل العالي وارتفاع درجة الحرارة.

نصائح بخصوص نظام التبريد - ناقل الحركة

الأوتوماتيكي

لتقليل إمكانية ارتفاع درجة حرارة المحرك وناقل الحركة في ظروف درجة الحرارة العالية، اتخذ الإجراءات التالية:

- القيادة في المدينة - عند توقف السيارة، ضع ناقل الحركة في وضع NEUTRAL (اللاتعشيق) وقم بزيادة سرعة تباطؤ المحرك.
- القيادة في الطرق السريعة - اخفض السرعة.

- المنحدرات شديدة الانحدار - اختر ترس ناقل حركة أكثر انخفاضاً.

- مكيف الهواء - قم بإيقاف تشغيله مؤقتاً.

ملاحظة:

إذا ارتفعت درجة حرارة سائل تبريد المحرك، فسيوقف تشغيل مكيف الهواء (A/C) أوتوماتيكياً.

لا تقم بتشغيل المحرك مع انخفاض ضغط الزيت

إذا أضاء الضوء التحذيري بشأن انخفاض ضغط الزيت أثناء قيادة السيارة، فأوقف السيارة، ثم أوقف تشغيل المحرك بأسرع ما يمكن. وستسمع طنيناً عند ظهور الضوء.

ملاحظة:

لا تقم بتشغيل السيارة إلا بعد تصليح العطل. ولا يشير هذا الضوء إلى كمية الزيت في المحرك. لذا يجب فحص مستوى زيت المحرك في تحت غطاء المحرك.

تنبيه!

في حالة انخفاض ضغط الزيت إلى أقل من القراءات العادية، فأوقف تشغيل المحرك على الفور. يؤدي عدم القيام بذلك إلى وقوع تلف خطير وفوري بالمحرك.

لا تقم بتشغيل المحرك مستخدماً أجزاء تالفة

يصدر عن جميع أعطال المحرك رسالة تحذيرية قبل تلف الأجزاء. احرص على الانتباه لحدوث التغيرات في الأداء، و الأدلة المرئية والبصرية التي تُفيد بأن المحرك بحاجة إلى الصيانة. تتمثل بعض الدلائل الهامة في:

- فشل تشغيل المحرك أو اهتزازه بشدة.

- انقطاع الطاقة بشكل مفاجئ.

- أصوات غير مألوفة بالمحرك.

- تسرب في الوقود أو الزيت أو سائل التبريد.

- تغير مفاجئ، خارج نطاق التشغيل العادي، في درجة حرارة تشغيل المحرك.

- دخان زائد.

- انخفاض ضغط الزيت.

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 أوتوماتيكياً أثناء توقف السيارة في حالة تطابق الظروف المطلوبة. سيعمل تحرير دواسة الفرامل، أو الضغط على دواسة الوقود إلى إعادة تشغيل المحرك أوتوماتيكياً.

تمت ترقيّة هذه السيارة ببدائ تشغيل للأعمال الشاقة، وبطارية محسنة، وأجزاء محرك أخرى محسنة، للتعامل مع عمليات بدء تشغيل المحرك الإضافية الأخرى.

ملاحظة:

- يترتب على استخدام وقود الديزل منخفض الكبريت للغاية المتكيف أو رقم 1 من وقود الديزل منخفض الكبريت انخفاض ملحوظ في ترشيد استهلاك الوقود.
- يعتبر وقود الديزل منخفض الكبريت للغاية المتكيف مزيحًا من أنواع وقود الديزل منخفض الكبريت للغاية من الرقمين 1 و2، وهو يعمل على خفض درجة الحرارة التي تتكون عندها بلورات الشمع في الوقود.
- يجب أن تكون درجة الوقود مبيّنة بشكل واضح على محطة الوقود.
- يتطلب المحرك استخدام "وقود الديزل منخفض الكبريت للغاية". قد يترتب على استخدام وقود غير صحيح تلف نظام العادم والمحرك. راجع "متطلبات الوقود" في "المواصفات الفنية" للحصول على مزيد من المعلومات.

- إذا لم يتوفر الوقود المتكيف أو وقود الديزل ULSD رقم 1، وكنت تقوم بالتشغيل عند درجة حرارة أقل من (20 درجة فهرنهايت/-6 درجات مئوية)، في ظروف الطقس البارد الممتد لفترة طويلة، فإنه يُوصى باستخدام علاج وقود الديزل الممتاز Mopar Premium (أو ما يعادله) لتجنب تبلور الوقود (راجع مخطط نطاق تشغيل الوقود).

استخدام زيت المحرك

راجع "الصيانة لدى الوكيل" في "الخدمة والصيانة" لمعرفة لزوجة زيت المحرك الصحيحة.

تسخين المحرك

تجنب التشغيل بالضغط على صمام الاختناق بالكامل عندما يكون المحرك باردًا. عند بدء تشغيل المحرك البارد، قم بتشغيل المحرك إلى سرعة التشغيل ببطء مع ضغط الزيت المنخفض لتصل إلى الثبات مع تسخين المحرك.

إذا كانت درجة الحرارة أقل من 0 درجة مئوية (32 درجة فهرنهايت)، فقم بتشغيل المحرك بسرعات معتدلة لمدة خمس دقائق قبل تطبيق الأحمال.

المحرك سرعة التباطؤ

تجنب التباطؤ لفترة طويلة، فقد تضر المحرك نظرًا لإمكانية انخفاض درجة حرارة حجرة الاحتراق الداخلي بدرجة كبيرة بحيث لا يتم احتراق الوقود بالكامل. يسمح الاحتراق غير المكتمل بتكون الكربون والمواد الملتصقة على حلقات المكبس وصمامات رأس الأسطوانات وفوهات الحاقن. ويمكن أيضًا أن يدخل الوقود غير المحترق في علبة المرافق، مما يخفف الزيت ويسبب في التآكل السريع للمحرك.

إيقاف المحرك

بعد التشغيل بحمل كامل، ضع المحرك في وضع التباطؤ لدقائق قليلة قبل إيقاف تشغيله. ستتيح فترة التباطؤ هذه لزيت التشحيم وسائل التبريد بحمل الحرارة الزائدة بعيدًا عن الشاحن التوربيني.

ملاحظة:

راجع الجدول التالي للاطلاع على إيقاف المحرك بطريقة صحيحة.

ظروف القيادة	الحمولة	درجة حرارة الشاحن التوربيني	زمن التباطؤ (بالدقائق) قبل إيقاف المحرك
التوقف ثم الانتقال	فارغ	بارد	لا يوجد
التوقف ثم الانتقال	Medium (متوسط)		0.5
سرعات الطرق السريعة	Medium (متوسط)	دافئ	1.0
مرور المدينة	الحد الأقصى لمعدل الوزن الإجمالي المشترك (GCWR)		1.5

احتياطات التشغيل أثناء الطقس البارد

قد يتطلب التشغيل في درجة الحرارة المحيطة التي تقل عن 0 درجة مئوية (32 درجة فهرنهايت) اعتبارات خاصة. تعرض الجداول التالية هذه الخيارات:

نطاق تشغيل الوقود

ملاحظة:

استخدم "أنواع وقود الديزل منخفض الكبريت للغاية" فقط.



مخطط نطاق تشغيل الوقود

0563090798US

* رقم 1 يجب استخدام وقود الديزل منخفض الكبريت للغاية (0 درجة فهرنهايت/-18 درجة مئوية) في حالات التشغيل في الطقس البارد الممتد لفترات طويلة.

ملاحظة:

يمكن أن يحدث تأخر في بدء التشغيل يصل إلى 5 ثوانٍ في ظروف الطقس البارد جدًا. يضيء المؤشر "Wait to Start" (انتظار البدء) أثناء عملية التسخين المسبق، وعندما يطفئ ضوء "Wait to Start" (انتظار البدء) الخاص بالمحرك، يدور المحرك أوتوماتيكيًا.

تنبيه!

إذا ظل ضوء مؤشر وجود ماء في الوقود قيد التشغيل، فلا تبدأ تشغيل المحرك قبل تصريف الماء من فلاتر الوقود لتجنب تلف المحرك. راجع "تصريف فلتر فاصل الوقود / المياه" في "الخدمة والصيانة" للحصول على مزيد من المعلومات.

3. يقوم النظام أوتوماتيكيًا بتعشيق جهاز بدء التشغيل لتدوير المحرك. إذا لم يبدأ تشغيل السيارة، فسيتوقف جهاز بدء التشغيل أوتوماتيكيًا بعد 25 ثانية.
4. إذا رغبت في إيقاف تدوير المحرك قبل تشغيله، فاضغط على الزر مرة ثانية.
5. تحقق من إيقاف تشغيل ضوء تحذير ضغط الزيت.
6. حرر فرامل التوقف.

ملاحظة:

اضغط على كل دواسة على حدة 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، فسيتم عرض رسالة تحذير في مجموعة أجهزة القياس. للحصول على مزيد من المعلومات، راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس".

سوائل بدء التشغيل

يتم تزويد المحرك بنظام تسخين مسبق لشمعة التوهج. إذا تم اتباع الإرشادات الواردة في هذا الدليل، فسيعمل المحرك في جميع ظروف الطقس ولن يلزم استخدام نوع سائل بدء تشغيل معين.

تحذير!

- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي تزيد درجة الحرارة داخل السيارة إلى حدوث إصابة بالغة أو الوفاة.
- عند مغادرة السيارة، تأكد دومًا أن نقطة التشغيل دون مفاتيح 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 مغلقة. يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطيرًا لأسباب عديدة. فقد

(تابع)

تحذير! (تابع)

يصاب الأطفال أو الآخرون بإصابة بالغة أو مميتة. وعليه فيجب 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 سيارة مزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

التشغيل العادي - محرك الديزل سعة 3.0 لترات

احرص على مراعاة ما يلي عند تشغيل محرك الديزل.

- إيقاف تشغيل جميع مصابيح مركز الرسائل.
- إيقاف تشغيل ضوء مؤشر العطل (MIL).
- عدم إضاءة مؤشر ضغط زيت المحرك.
- تشغيل جهاز قياس الفولتية:

يمكن أن يعرض جهاز قياس الفولتية تقلبات في القياسات مع درجات حرارة المحرك المختلفة. يحدث ذلك بسبب نظام تسخين شمعات التوهج. ويتم التحكم في عدد الدورات وطول تشغيل الدورات بواسطة وحدة التحكم في المحرك. يمكن تشغيل جهاز تدفئة شمعة التوهج لعدة دقائق، وبمجرد اكتمال تشغيل جهاز التدفئة ستستقر إبرة جهاز قياس الفولتية.

يسمح جهاز بدء التشغيل بتدوير المحرك بفواصل تصل إلى 30 ثانية. ويؤدي الانتظار لدقائق قليلة بين عمليات التشغيل هذه إلى حماية جهاز بدء التشغيل من السخونة الزائدة.

تحذير!

- قبل الخروج من السيارة، قم دوماً بالتوقف تماماً، ثم ضع ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) ثم قم بتعشيق فرامل التوقف.
- تأكد دوماً أن نقطة التشغيل دون مفاتيح في وضع OFF (إيقاف التشغيل)، وإزالة حافظة المفاتيح من السيارة وقفل السيارة.
- لا تترك أبداً الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مغلقة. يعتبر ترك الأطفال بالسيارة من دون مراقبة أمراً خطيراً للعديد من الأسباب. فقد يصاب الأطفال أو الآخرون بإصابة بالغة أو مميتة. وعليه فيجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسرة الفرامل أو محدد التروس.
- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه، ولا تترك سيارة مزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go في وضع ACC (الملحقات) ON/RUN (التشغيل/الانطلاق). فياستطاعة 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 بالداخل إلى حدوث إصابة بالغة أو الوفاة.

ملاحظة:

يؤدي بدء تشغيل المحرك في درجة الحرارة المحيطة المنخفضة للغاية إلى تصاعد دخان أبيض واضح. تختفي هذه الحالة عند تسخين المحرك.

تنبيه!

- يُسمح بتدوير المحرك لمدة 30 ثانية تقريباً. إذا لم يبدأ تشغيل المحرك أثناء هذه الفترة، فيُرجى الانتظار دقيقتين على الأقل حتى يبرد جهاز بدء التشغيل قبل تكرار إجراء بدء التشغيل.
- إذا ظل "ضوء مؤشر وجود ماء في الوقود" قيد التشغيل، فلا تبدأ تشغيل المحرك قبل تصريف الماء من فلتر الوقود لتجنب تلف المحرك. راجع "تصريف فلتر فاصل الوقود / المياه" في "الخدمة والصيانة" للحصول على مزيد من المعلومات.

ناقل الحركة الأوتوماتيكي

ابدأ تشغيل المحرك مع وجود محدد التروس في ناقل الحركة في وضع PARK (التوقف). استخدم الفرامل قبل النقل إلى أي نطاق من نطاقات القيادة.

الطقس شديد البرودة

سخان كتلة المحرك هو سخان مقاومة مثبت في الدثار المائي للمحرك. يتطلب منفذ تيار كهربائي متردد بقدرة 230 فولط مع سلك تطويل مؤرض ثلاثي. يُوصى باستخدامه في البيئات التي تكون فيها درجة الحرارة بصورة روتينية أقل من -23 درجة مئوية (10 درجات فهرنهايت). ينبغي استخدامه عندما لا يتم تشغيل السيارة طوال الليل أو لفترات طويلة وينبغي توصيله قبل ساعتين من بدء التشغيل. وينبغي

استخدامه في عمليات بدء التشغيل في الطقس البارد عند درجات الحرارة الأقل من -28 درجة مئوية (-20 درجة فهرنهايت). فهِرنهايت).

ملاحظة:

يتم تركيب سلك سخان كتلة المحرك بشكل اختياري في المصنع. تتوفر أسلاك السخان من وكيل Mopar المعتمد، إذا لم تكن سيارتك مزودة بها.

- يساعد سخان 12 فولت مدمج في مبيت فلتر الوقود على منع تبلوره. ويتم التحكم به من خلال ترموستات مدمجة.
- يُحسّن نظام التسخين المسبوق للذيّل من عملية بدء تشغيل المحرك ويُقلّل من كمية الدخان الأبيض الناجم عن تسخين المحرك.

بدء التشغيل العادي

لاحظ أضواء لوحة أجهزة القياس عند بدء تشغيل المحرك.

ملاحظة:

لا يتطلب التشغيل العادي للمحرك سواء أكان بارداً أم ساخناً الضغط المتقطع أو الضغط العادي على دواسرة الوقود

1. قم بتعشيق فرامل التوقف دائماً.
2. اضغط مطولاً على دواسرة الفرامل مع ضغط الزر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) مرة واحدة.

تحذير! (تابع)

الساعة). يمكن أن تتحرك السيارة التي يتم تركها في وضع NEUTRAL (اللاتعشيق). لمزيد من الاحتياط، استخدم دائماً فرامل التوقف عند الخروج من السيارة.

نطاق الدفع الرباعي (4WD) المنخفض - إذا كانت السيارة مزودة 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 للتعامل 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.

قم دائماً بالتحقق بصرياً من أن سيارتك في وضع PARK (التوقف) من خلال البحث عن "P" في شاشة عرض مجموعة أجهزة القياس وعلى ذراع التبديل. لمزيد من الاحتياط، استخدم دائماً فرامل التوقف عند الخروج من السيارة.

إذا لم يتم تشغيل المحرك

إذا لم يبدأ المحرك في العمل بعد اتباع إجراء "بدء التشغيل العادي" أو "الطقس شديد البرودة"، ولم يحدث توقف لفترة طويلة كما هو محدد في إجراء "التشغيل بعد التوقف الطويل"، فقد يكون في حالة غمر. اضغط على دواسة الوقود تماماً واستمر لبعض الوقت. قم بتدوير المحرك لمدة تزيد عن 15 ثانية. ويؤدي اتباع هذه الخطوة إلى رفع أي مقدار زائد من الوقود في حال غمر المحرك. اترك مفتاح التشغيل في وضع RUN (الانطلاق)، وحرر دواسة الوقود وكرر إجراء "بدء التشغيل العادي".

تحذير!

- لا تحاول أبداً تشغيل السيارة بسكب الوقود أو أي سائل آخر قابل للاشتعال في منفذ الهواء الخاص بالصمام الخانق. لأن ذلك قد يتسبب في ظهور شرر ناري مفاجئ قد يؤدي إلى إصابة شخصية بالغة.
- لا تحاول دفع أو سحب سيارتك لبدء تشغيل السيارة. السيارات المزودة بناقل حركة أوتوماتيكي لا يمكن بدء تشغيلها بهذه الطريقة. فقد يصل بعض الوقود غير المحترق إلى المحول الحفاز ليشتعل بمجرد دوران المحرك مما يؤدي إلى تلف المحول والسيارة.

(تابع)

تحذير! (تابع)

• فإذا كانت البطارية غير مشحونة، فيمكن استخدام أسلاك مُعززة للحصول على شحنة البدء من بطارية مُعززة أو من سيارة أخرى. ويمثل ذلك النوع من التشغيل خطورة حقيقية ما لم يتم تنفيذه بالطريقة الصحيحة. راجع "إجراء تشغيل سيارة ذات بطارية ضعيفة" في قسم "في حالات الطوارئ" للحصول على مزيد من المعلومات.

تنبيه!

ولكي تمنع حدوث التلف بجهاز بدء التشغيل، لا تقم بإدارة المحرك بشكل متواصل لأكثر من 25 ثانية في المرة الواحدة. وانتظر 60 ثانية لتبدأ من جديد.

التشغيل في الطقس البارد (أقل من -22 درجة فهرنهايت أو -30 درجة مئوية)

لضمان بدء التشغيل بشكل صحيح في درجات الحرارة هذه، يُوصى باستخدام سخان كتلة محرك إلكتروني كهربائي مدار من الخارج (متوفر لدى الوكيل).

بعد بدء التشغيل

يتم التحكم في سرعة التباطؤ أوتوماتيكياً وسوف تنخفض هذه السرعة عند سخونة المحرك.

بدء تشغيل المحرك - محرك ديزل سعة 3.0 لترات

قبل بدء تشغيل السيارة، اضبط المقعد، واضبط كل من المرايا الداخلية والخارجية، وأحكام ربط أحزمة الأمان.

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 PARK (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 مزودة بناقل حركة ذي ثماني سرعات
- السيارة ليست في وضع PARK (التوقف)
- سرعة السيارة 1.9 كم/الساعة (1.2 ميل في الساعة) أو أقل

- تبديل مفتاح التشغيل من وضع RUN (الانطلاق) إلى وضع ACC (الملحقات)

ملاحظة:

في السيارات المزودة بميزة الحركة والتشغيل من دون مفتاح، سيتم إيقاف تشغيل المحرك، وسيغير مفتاح التشغيل إلى وضع ACC (الملحقات). 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 PARK (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 مزودة بناقل حركة ذي ثماني سرعات
- السيارة ليست في وضع PARK (التوقف)
- سرعة السيارة 1.9 كم/الساعة (1.2 ميل في الساعة) أو أقل

• حزام أمان مقعد السائق غير مربوط

• باب السائق مفتوح

• دواسة الفرامل غير مضغوطة

سيتم عرض الرسالة "AutoPark Engaged Shift" "to P then Shift to Gear" (تم تشغيل ميزة التوقف

الأوتوماتيكي، قم بالتبديل إلى وضع التوقف ثم إلى أحد التروس) 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 PARK (التوقف) أثناء التحرك، فقد تتحول السيارة إلى ميزة AutoPark (التوقف الأوتوماتيكي).

سيتم تشغيل ميزة AutoPark (التوقف الأوتوماتيكي) عندما تبلغ سرعة السيارة 1.9 كم/الساعة (1.2 ميل في الساعة) أو أقل فقط.

سيتم عرض الرسالة "Vehicle Speed is Too High to Shift to P" (سرعة السيارة عالية للغاية ولا يمكن التبديل إلى وضع التوقف) في مجموعة أجهزة القياس إذا كانت سرعة السيارة أعلى من 1.9 كم/الساعة (1.2 ميل في الساعة).

تحذير!

إذا كانت سرعة السيارة أعلى من 1.9 كم/الساعة (1.2 ميل في الساعة)، فسيعود ناقل الحركة بصورة افتراضية إلى وضع NEUTRAL (اللاتعشيق) حتى تنخفض سرعة السيارة إلى أقل من 1.9 كم (1.2 ميل في

(تابع)

3. إذا كان مقبض تبديل التروس في وضع PARK (التوقف) مع توقف السيارة) والضغط مرة واحدة على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك)، فيقوم ناقل الحركة بتحديد وضع PARK (التوقف) أو توماتيكياً، وسيتم إيقاف تشغيل المحرك، ولكن سيظل مفتاح التشغيل في وضع ACC (الملحقات) وليس في وضع OFF (إيقاف التشغيل)). لا تترك السيارة أبداً خارج وضع PARK (التوقف) كي لا تتدرج.

4. إذا كان مقبض تبديل التروس في وضع NEUTRAL (اللاتعشيق)، وكانت سرعة السيارة أقل من 8 كم/الساعة (5 أميال في الساعة)، فسيؤدي الضغط على زر START/STOP (بدء التشغيل/الإيقاف) مرة واحدة إلى إيقاف تشغيل المحرك. سيظل مفتاح التشغيل في وضع ACC (الملحقات).

5. إذا كانت سرعة السيارة أعلى من 8 كم/ساعة (5 أميال/الساعة)، فيجب تثبيت الزر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) لثانيتين (أو ثلاث ضغطات قصيرة متتالية) لإيقاف تشغيل المحرك. سيظل مفتاح التشغيل في وضع ACC (الملحقات) (وليس في وضع OFF (إيقاف التشغيل)) إذا تم إيقاف تشغيل المحرك عندما لا يكون ناقل الحركة في وضع PARK (التوقف).

ملاحظة:

سنتهي مهلة النظام بصورة أوتوماتيكية وسيعود مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) بعد مرور 30 دقيقة من عدم النشاط، إذا كان مفتاح التشغيل في وضع ACC (الملحقات) أو RUN (الانطلاق) (المحرك لا يدور) وناقل الحركة في وضع PARK (التوقف).

وظائف زر ENGINE START/STOP (بدء/إيقاف المحرك) — وقدم السائق ليست على دواسة الفرامل (في وضع PARK (التوقف) أو NEUTRAL (اللاتعشيق))

يعمل زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) بطريقة مشابهة لمفتاح التشغيل. فهي تشتمل على ثلاثة أوضاع: OFF (إيقاف التشغيل) و ACC (الملحقات) و RUN (الانطلاق). ولتغيير أوضاع مفتاح التشغيل دون بدء تشغيل السيارة واستخدام الملحقات، اتبع هذه الخطوات:

1. ابدأ التشغيل ومفتاح التشغيل في وضع OFF (إيقاف التشغيل)،

2. اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) مرة واحدة لتحويل مفتاح التشغيل إلى الوضع ACC (وحدة التحكم في السرعة الثابتة المهيأة) (ستعرض شاشة عرض مجموعة أجهزة القياس "ACC" (وحدة التحكم في السرعة الثابتة المهيأة))،

3. اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) مرة ثانية لتحويل مفتاح التشغيل إلى الوضع RUN (الانطلاق) (ستعرض شاشة عرض مجموعة أجهزة القياس "ON/RUN" (التشغيل/الانطلاق))،

4. اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) للمرة الثالثة لتحويل مفتاح التشغيل إلى الوضع OFF (إيقاف التشغيل) (ستعرض شاشة عرض مجموعة أجهزة القياس "OFF" (إيقاف التشغيل)).

ملاحظة:

اضغط على كل دواسة على حدة 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، فسيتم عرض رسالة تحذير في مجموعة أجهزة القياس. للحصول على مزيد من المعلومات، راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس".

AutoPark (التوقف الأوتوماتيكي)

يعد AutoPark (التوقف الأوتوماتيكي) ميزة إضافية للمساعدة في نقل السيارة إلى وضع PARK (التوقف) في حالة 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.

بدء تشغيل المحرك — البنزين

قبل تشغيل السيارة، اضبط المقعد والمرايا الداخلية والخارجية وقم بربط حزام الأمان وإذا كان هناك ركاب اطلب منهم جميعاً ربط أحزمة الأمان الخاصة بهم.

تحذير!

- قبل الخروج من السيارة، قم دوماً بالتوقف تماماً، ثم ضع ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) ثم قم بتعشيق فرامل التوقف.
- تأكد دوماً أن نقطة التشغيل دون مفاتيح في وضع OFF (إيقاف التشغيل)، وإزالة حافظة المفاتيح من السيارة وقفل السيارة.
- لا تترك أبداً الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مغلقة. يعتبر ترك الأطفال بالسيارة من دون مراقبة أمراً خطيراً للعديد من الأسباب. فقد يصاب الأطفال أو الآخرون بإصابة بالغة أو مميتة. وعليه فيجب 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 سيارة مزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). فياستنطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

تحذير! (تابع)

- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي ارتفاع درجة الحرارة بالدخول إلى حدوث إصابة بالغة أو الوفاة.

ناقل الحركة الأوتوماتيكي

يجب أن يكون محدد التروس في وضع NEUTRAL (اللاتعشيق) أو وضع PARK (التوقف) 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 أنناه:
- لا تنقل ذراع تغيير التروس من وضع REVERSE (الرجوع للخلف) أو وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) إلى أي وضع تروس آخر إلى الأمام عندما تكون سرعة المحرك أكبر من سرعة التباطؤ.
 - انقل ذراع تغيير التروس إلى وضع PARK (التوقف) فقط بعد إيقاف السيارة تماماً.
 - انقل ذراع تغيير التروس من أو إلى وضع REVERSE (الرجوع للخلف) فقط بعد إيقاف السيارة تماماً وعندما يكون المحرك في سرعة التباطؤ.
 - قبل تحريك ذراع تغيير التروس إلى أي ترس، تأكد من وضع قدمك على دواسة الفرامل بصورة محكمة.

بدء التشغيل العادي

لتشغيل المحرك باستخدام الزر **Engine START/STOP** (بدء تشغيل/إيقاف المحرك)

1. يجب أن يكون ناقل الحركة في وضع PARK (التوقف) أو NEUTRAL (اللاتعشيق).

2. اضغط طولاً على دواسة الفرامل مع ضغط الزر **ENGINE START/STOP** (بدء تشغيل/إيقاف المحرك) مرة واحدة.

3. فيتحكم النظام ويحاول تشغيل السيارة. إذا لم يبدأ تشغيل السيارة، فسيتوقف جهاز بدء التشغيل أوتوماتيكياً بعد 10 ثوان.

4. إذا رغبت في إيقاف تدوير المحرك قبل تشغيله، فاضغط على الزر مرة ثانية.

ملاحظة:

لا يتطلب التشغيل العادي للمحرك سواء أكان بارداً أو دافئاً الضغط المتقطع أو الضغط العادي على دواسة الوقود.

لإيقاف تشغيل المحرك باستخدام الزر **ENGINE START/STOP** (بدء تشغيل/إيقاف 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).

- تحميل السيارة ٢٣٣
- ملصق شهادة التوثيق ٢٣٣
- سحب المقطورة ٢٣٤
- تعريفات السحب العامة ٢٣٤
- أوزان سحب المقطورة (معدلات أقصى وزن للمقطورة) ٢٣٥
- إزالة غطاء مستقبل قضيب ربط المقطورة (طرز Summit) — إذا كانت السيارة مزودة بذلك ٢٣٦
- وزن المقطورة ووزن اللسان ٢٣٧
- متطلبات السحب ٢٣٧
- نصائح بشأن السحب ٢٤٠
- الجر من أجل الاستجمام (خلف عربة منزل متنقل، إلخ) ٢٤٢
- سحب هذه السيارة خلف سيارة أخرى ٢٤٢
- السحب من أجل الاستجمام - طرز الدفع الثنائي ٢٤٢
- الجر من أجل الاستجمام - طرز الدفع الرباعي المزودة بميزة Quadra-Trac I (علبة النقل ذات السرعة الفردية) ٢٤٣
- السحب من أجل الاستجمام - طرز الدفع الرباعي المزودة بميزة Quadra-Trac II أو Quadra-Drive II ٢٤٣
- إرشادات القيادة ٢٤٦
- إرشادات القيادة على الطرق الممهدة ٢٤٦
- إرشادات القيادة على الطرق غير الممهدة ٢٤٦

- ٢٠٦.. .. . • تنظيف نظام ParkSense
- ٢٠٧.. .. . • احتياطات استخدام نظام ParkSense
- ٢٠٨.. .. . • مساعد التوقف الأمامي والخلفي PARKSENSE - إذا كانت السيارة مزودة بذلك
- ٢٠٩.. .. . • مستشعرات نظام ParkSense
- ٢٠٩.. .. . • شاشة عرض نظام ParkSense
- ٢١٢.. .. . • شاشة عرض تحذير نظام ParkSense
- ٢١٢.. .. . • تمكين نظام مساعد التوقف ParkSense وتعطيله
- ٢١٢.. .. . • صيانة نظام مساعد التوقف ParkSense
- ٢١٣.. .. . • تنظيف نظام ParkSense
- ٢١٣.. .. . • احتياطات استخدام نظام ParkSense
- ٢١٤.. .. . • نظام مساعد التوقف النشط PARKSENSE - إذا كانت السيارة مزودة بذلك
- ٢١٥.. .. . • تمكين نظام مساعد التوقف النشط ParkSense وتعطيله
- ٢١٦.. .. . • تشغيل/شاشة عرض مساعد مكان التوقف المتوازي
- ٢١٩.. .. . • تشغيل/شاشة عرض مساعد مكان التوقف العمودي
- ٢٢٤.. .. . • ميزة LANESENSE (استشعار الحارة) - إذا كانت السيارة مزودة بذلك
- ٢٢٤.. .. . • تشغيل نظام LaneSense (استشعار الحارة)
- ٢٢٤.. .. . • تشغيل نظام LaneSense (استشعار الحارة) أو إيقاف تشغيله
- ٢٢٤.. .. . • رسالة تحذير نظام LaneSense (استشعار الحارة)
- ٢٢٦.. .. . • تغيير حالة نظام LaneSense (استشعار الحارة)
- ٢٢٦.. .. . • كاميرا الرجوع الخلفية PARKVIEW - إذا كانت السيارة مزودة بذلك
- ٢٢٨.. .. . • تزويد السيارة بالوقود - محرك البنزين
- ٢٢٨.. .. . • تحرير باب فتحة تعبئة الوقود في حالة الطوارئ
- ٢٢٩.. .. . • تزويد السيارة بالوقود - محرك الديزل
- ٢٣٠.. .. . • تجنب استخدام الوقود الملوث
- ٢٣٠.. .. . • تخزين الوقود بالجملة - وقود الديزل
- ٢٣٠.. .. . • سائل (UREA) AdBlue - إذا كانت السيارة مزودة بذلك

- التحكم في السرعة — إذا كانت السيارة مزودة بذلك ١٨٧..
- للتنشيط ١٨٨..
- لضبط سرعة مرغوبة ١٨٨..
- لتغيير إعداد السرعة ١٨٨..
- لتعجيل السرعة للتجاوز ١٨٩..
- لاستئناف السرعة ١٨٩..
- لإلغاء التنشيط ١٨٩..
- وحدة التحكم في السرعة الثابتة المهيأة (ACC) - إذا كانت السيارة مزودة بذلك ١٨٩..
- تشغيل وحدة التحكم في السرعة الثابتة المهيأة (ACC) ١٩٠..
- تنشيط وحدة التحكم في السرعة الثابتة المهيأة (ACC) ١٩١..
- للتنشيط/إلغاء التنشيط ١٩٢..
- لضبط السرعة الثابتة المهيأة (ACC) المطلوبة ١٩٢..
- للإلغاء ١٩٢..
- لإيقاف التشغيل ١٩٣..
- للاستئناف ١٩٣..
- لتغيير إعداد السرعة ١٩٣..
- ضبط المسافة التالية في وحدة التحكم في السرعة الثابتة المهيأة (ACC) ١٩٤..
- مساعد التجاوز ١٩٦..
- تشغيل وحدة التحكم في السرعة الثابتة المهيأة (ACC) عند التوقف ١٩٦..
- قائمة وحدة التحكم في السرعة الثابتة المهيأة (ACC) ١٩٦..
- تحذيرات شاشة العرض والصيانة ١٩٧..
- احتياطات عند القيادة مع تشغيل وحدة التحكم في السرعة الثابتة المهيأة (ACC) ١٩٩..
- وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة) ٢٠٠..
- مساعد التوقف الخلفي PARKSENSE — إذا كانت السيارة مزودة بذلك ٢٠٢..
- مستشعرات نظام ParkSense ٢٠٣..
- شاشة عرض نظام ParkSense ٢٠٣..
- شاشة عرض تحذير نظام ParkSense ٢٠٥..
- تمكين نظام مساعد التوقف ParkSense وتعطيله ٢٠٦..
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- سخان كتلة المحرك - إذا كانت السيارة مزودة بذلك
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- توصيات بشأن تليين المحرك الجديد — محركات الديزل سعة 3.0 لترات
- فرامل التوقف
- ناقل الحركة الأوتوماتيكي
- نظام ترابط وضع التوقف مع مفتاح التشغيل
- نظام ترابط الفرامل/ناقل الحركة
- وضع ECO (ترشيد استهلاك الوقود)
- ناقل الحركة الأوتوماتيكي ثماني السرعات
- وضع SPORT (الرياضة) - إذا كانت السيارة مزودة بذلك
- تشغيل الدفع الرباعي
- إرشادات/احتياطات تشغيل نظام Quadra-Trac I - إذا كانت السيارة مزودة بذلك
- إرشادات/احتياطات تشغيل نظام Quadra-Trac II - إذا كانت السيارة مزودة بذلك
- أوضاع النقل
- إجراءات النقل
- نظام Quadra-Drive II - إذا كانت السيارة مزودة بذلك
- ميزة QUADRA-LIFT (الرفع الرباعي) - إذا كانت السيارة مزودة بذلك
- الوصف
- أوضاع التعليق الهوائي
- رسائل شاشة عرض مجموعة أجهزة القياس
- التشغيل
- ميزة SELEC-TERRAIN (التضاريس المحددة) - إذا كانت السيارة مزودة بذلك
- تحديد وضع Selec-Terrain (التضاريس المحددة)
- رسائل شاشة عرض مجموعة أجهزة القياس
- تقنية توفير الوقود للمحرك بسعة 5.7 لترات فقط — إذا كانت السيارة مزودة بذلك
- التوجيه المعزز

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- بدء تشغيل المحرك — البنزين ١٥٨.....
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- إذا لم يتم تشغيل المحرك ١٦١.....
- التشغيل في الطقس البارد (أقل من 22 درجة فهرنهايت أو -30 درجة مئوية) ١٦١.....
- بعد بدء التشغيل ١٦١.....
- بدء تشغيل المحرك - محرك ديزل سعة 3.0 لترات ١٦١.....
- ناقل الحركة الأوتوماتيكي ١٦٢.....
- الطقس شديد البرودة ١٦٢.....
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- احتياطات التشغيل أثناء الطقس البارد ١٦٤.....
- المحرك سرعة التباطؤ ١٦٥.....
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- نصائح بخصوص نظام التبريد - ناقل الحركة الأوتوماتيكي ١٦٦.....
- نظام Stop/Start (الإيقاف/بدء التشغيل) - إذا كانت السيارة مزودة بذلك ١٦٦.....
- الوضع الأوتوماتيكي ١٦٧.....
- الأسباب المحتملة وراء أن المحرك لا يتوقف أوتوماتيكياً ١٦٧.....
- لبدء تشغيل المحرك أثناء التواجد في وضع التوقف الأوتوماتيكي ١٦٨.....
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- عطل النظام ١٦٨.....

تحذير! (تابع)

- تأكد دائماً من إحكام ربط سجادة الأرضية
- (4+) باستخدام مثبتات سجادة الأرضية. لا تركيب سجادة الأرضية مقلوبة ولا تطوها. اسحب بلطف لتأكيد إحكام تثبيت السجادة باستخدام مثبتات سجادة الأرضية بانتظام.
- احرص دائماً على إزالة سجاد الأرضية الموجود من السيارة (5) قبل تركيب أي سجاد أرضية آخر. لا تقم مطلقاً بتركيب أو رص سجادة أرضية إضافية فوق سجادة أرضية موجودة.
- لا تركيب إلا سجادة الأرضية المصممة لملاءمة سيارتك. لا تركيب مطلقاً 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 وطرزها وعم 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 مثبتة جيداً بالأرضية، فأزل سجادة الأرضية من السيارة وضعها في صندوق السيارة.

(تابع)

تحذير! (تابع)

- لا تستخدم سجادة الأرضية المخصصة لجانب الراكب إلا مع منطقة أرضية جانب الراكب.
- تأكد دائماً من عدم سقوط أشياء أو انزلاقها داخل منطقة أرضية جانب السائق أثناء تحرك السيارة. فقد تتحشر 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.
- إذا تمت إزالة سجادة السيارة ثم إعادة تثبيتها، فتأكد دائماً من ربط السجاد بالأرضية والتحقق من أن مثبتات سجادة الأرضية مثبتة 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 دائماً من أن سجادة الأرضية قد تم تركيبها بشكل جيد وأنها مثبتة في السيارة باستخدام مثبتات سجادة الأرضية عن طريق سحب السجادة بلطف.

فحوص 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 متساو. تأكد من عدم وجود الحصى والمسامير والزجاج أو أي شيء آخر داخل المداس أو الجدار الجانبي. افحص المداس بحثاً عن قطوع وتشققات. افحص الجدران الجانبية بحثاً عن قطوع وتشققات وتواءات. افحص صواميل العجلات للتأكد من إحكام ربطها. افحص الإطارات (بما في ذلك الإطارات الاحتياطي) للتأكد من صحة ضغط الانتفاخ البارد.

Lights (المصابيح)

اطلب من أحد الأشخاص ملاحظة مصابيح الفرامل والمصابيح الخارجية عندما تقوم بتشغيل مفاتيحها. افحص إشارات الانعطاف ومؤشر الضوء العالي على لوحة أجهزة القياس.

مزيج 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. أيضاً، إذا تم اكتشاف أدخنة بنزين أو الاشتباه في تسرب وقود أو سائل الكبح، يجب تحديد السبب وإصلاح العطل فوراً.

تحذير! (تابع)

والرائحة. وقد يتسبب في فقدان الوعي والتسمم إذا استنشقت. ولتجنب استنشاق غاز أول أكسيد الكربون (CO) اتبع نصائح السلامة التالية:

- امتنع عن تشغيل المحرك في مرآب 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، فتحكم في مفاتيح التحكم في التدفئة أو التبريد لإدخال الهواء من الخارج إلى السيارة. واضبط المروحة على سرعة عالية.

تعد أفضل وسيلة لحماية السيارة من تسرب غاز أول أكسيد الكربون إلى داخلها هو نظام عادم المحرك.

ف عند ملاحظة أي تغيير في صوت نظام العادم، أو عند الإحساس بتسرب أدخنة العادم إلى السيارة، أو عند تعرض الجزء السفلي أو مؤخرة السيارة للتلف، فعليك استدعاء فني ميكانيكي مؤهل لفحص نظام العادم بالكامل والأجزاء القريبة له من هيكل السيارة بحثاً عن أي كسر أو تلف أو تشوه أو إزاحة في القطع والمكونات. 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. استبدله إذا تطلب الأمر.

فحوص السلامة التي يجب إجراؤها داخل السيارة

أحزمة، المقعد

افحص نظام أحزمة المقاعد بصورة دورية للتأكد من عدم وجود أجزاء مقطوعة وممزقة ومرتخية. ويجب استبدال الأجزاء التالفة فوراً. لا تحاول فك النظام أو إدخال التعديلات عليه.

يجب استبدال أحزمة الأمان الأمامية بعد وقوع أي تصادم. ويجب استبدال مجموعات حزام المقعد الخلفية التالفة بعد وقوع أي تصادم (مثل التواء الماسك، تمزق النسيج أو غير ذلك). وإذا وجدت أي خلل في حزام الأمان أو آلية السحب؛ فاستبدل حزام الأمان.

ضوء تحذيري بشأن الوسادة الهوائية

سيضيء ضوء تحذيري بشأن الوسادة الهوائية لمدة تتراوح بين أربع وثمانية ثوان كنوع من الفحص بالمصباح عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) لأول مرة. إذا لم يضيء 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 بقاءه مضاءً أثناء القيادة، اطلب من الوكيل المعتمد صيانة السيارة على الفور.

راجع "أنظمة تثبيت الركاب" في "السلامة" للحصول على مزيد من المعلومات.

مزيل الصقيع

افحص عمل النظام بتحديد وضع إزالة الصقيع مع ضبط مفتاح التحكم في المروحة على سرعة عالية. ويجب أن تشعر بالهواء الذي يتجه نحو الزجاج الأمامي. راجع الوكيل المعتمد لصيانة مزيل الصقيع إذا كان لا يعمل.

معلومات الأمان الخاصة بسجادات أرضية السيارة

لا تتركب إلا سجادة الأرضية المصممة لملاءمة سيارتك دائماً. 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:

(تابع)

تركيب نظام تثبيت الأطفال المزود بألية 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 المصنعة لنظام تثبيت الأطفال بدقة عند تركيب نظام تثبيت الرضع أو الأطفال.

1. ضع مقعد الطفل في موضع الجلوس الأوسط. بالنسبة لبعض مقاعد الصف الثاني، قد تحتاج إلى 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 لتترك مساحة لمقعد الطفل. وقد ترغب أيضًا في تحريك المقعد الأمامي للأمام لتترك مساحة أكبر لمقعد الطفل.

2. اسحب سير حزام الأمان من ألية السحب لتمريره خلال مسار نظام تثبيت الأطفال. لا تقم بلف سير الحزام في مسار الحزام.

3. أرح لوح المزلاج داخل الإبزيم حتى تسمع صوت "طققة".

4. اسحب السير لإحكام شد جزء الحوض حول مقعد الطفل.

5. لققل حزام الأمان، اسحب جزء حزام الكتف حتى تقوم بسحب سير حزام الأمان كله خارج ألية السحب. ثم، اترك سير الحزام ينضم مرة أخرى داخل ألية السحب. أثناء انسحاب سير الحزام، ستسمع صوت طقطقة. وهذا يعني أن حزام الأمان قد أصبح في وضع القفل الأوتوماتيكي.

6. جرب سحب سير الحزام خارج ألية السحب. إذا كانت مقفلة، فلن تكون قادرًا على سحب أي جزء من السير. إما إذا كانت ألية 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. قم باختبار أنه تم تركيب نظام تثبيت الأطفال بشكل محكم عن طريق جذب الخلف وللأمام بمقعد الطفل في مسار الحزام. حيث ينبغي ألا يتحرك لأكثر من 25 مم في أي اتجاه.

ترتخي جميع أنظمة أحزمة الأمان بمرور الوقت ولذلك قم بفحص الحزام من فترة إلى أخرى وقم بشده إذا دعت الحاجة.

نقل الحيوانات الأليفة

يمكن أن تسبب الوسائد الهوائية المنتفخة في المقعد الأمامي أذى للحيوانات الأليفة. وقد ينفذ الحيوان غير المقيد وقد يصاب بضرر أو يسبب الضرر للركاب أثناء التوقف المفاجئ أو في حالة وقوع تصادم.

يجب تثبيت الحيوانات في المقعد الخلفي (إذا كانت السيارة مزودة بذلك) بواسطة أحزمة أو مقاعد الحيوانات التي يتم تثبيتها بواسطة أحزمة الأمان.

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 بالداخل إلى حدوث إصابة بالغة أو الوفاة.
- إن ركوب السيارة في منطقة الحمولة أمر بالغ الخطورة سواء كان ذلك داخل السيارة أو خارجها. ففي حالات التصادم من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابة بالغة أو مميتة.
- لا تسمح لأي شخص بالركوب في أي جزء من السيارة غير مزود بمقاعد وأحزمة أمان.
- تأكد من جلوس جميع الركاب في المقاعد واستخدامهم لأحزمة الأمان بصورة صحيحة.

غاز العادم

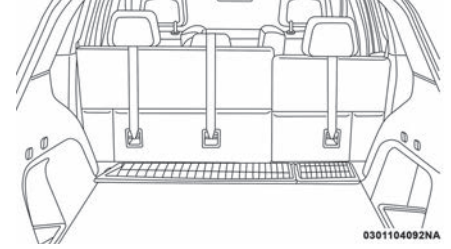
تحذير!

إن غازات العادم يمكن أن تسبب الأذى أو الوفاة. فهي تحتوي على أول أكسيد الكربون (CO) وهو عديم اللون

(تابع)

4. بالنسبة لموضع الجلوس الأوسط، مرر شريط التطويل فوق ظهر المقعد ومسند الرأس وقم بتثبيت الخطاف بمثبت شريط التطويل الموجود على ظهر المقعد.

5. أدخل خطاف شريط التطويل لنظام تثبيت الأطفال في مثبت شريط التطويل العلوي كما هو موضح بالرسم.



تركيب شريط التطويل العلوي

6. تخلص من الارتخاء في شريط التطويل وفقاً لتعليمات الجهة المصنّعة لنظام تثبيت الأطفال.

تحذير!

- مثبتات شريط التطويل العلوية غير مرئية حتى يتم طي لوحة الفجوة لأسفل. لا تستخدم خطاطيف تثبيت الحمولة المرئية الموجودة على الأرضية خلف المقاعد لتثبيت مثبت شريط تطويل نظام تثبيت الأطفال.

(تابع)

تحذير! (تابع)

- شريط التطويل 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.

كيفية تخزين حزام الأمان غير المستخدم المزود بألية

سحب القفل الأوتوماتيكي (ALR) القابلة للتبديل:

عند استخدام نظام التثبيت ISOFIX لتركيب نظام تثبيت الأطفال، قم بتخزين أحزمة الأمان المزودة بألية 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 بالعبع به وتم قفل ألية سحب حزام الأمان دون قصد. قبل تركيب نظام تثبيت الأطفال باستخدام نظام ISOFIX، قم بربط إبريم حزام الأمان خلف نظام تثبيت الأطفال وبعيداً عن متناول الأطفال. إذا تداخل حزام المقعد مربوط مع تركيب نظام تثبيت الأطفال، فبدلاً 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 الأمان ليست لعبة وأنهم يجب عليهم عدم اللعب بها.

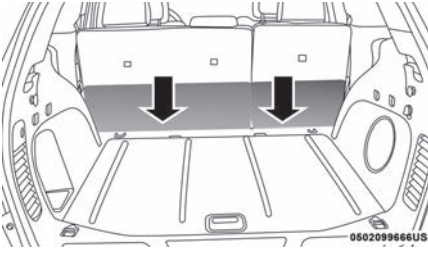
تركيب أنظمة تثبيت الأطفال باستخدام حزام أمان السيارة

لقد تم تصميم أنظمة تثبيت الأطفال ليتم إحكام تثبيتها في مقاعد السيارة بواسطة أحزمة الحوض أو جزء حزام الحوض في حزام الحوض/الكتف.

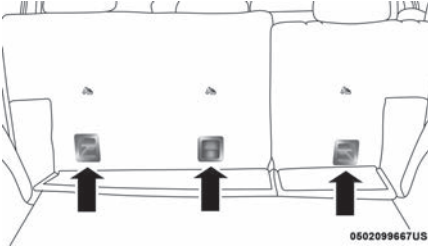
تحذير!

- 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 المصنّعة لنظام تثبيت الأطفال بدقة عند تركيب نظام تثبيت الرضع أو الأطفال.

أحزمة الأمان في مواضع جلوس الركاب الخلفية مزودة بألية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل مصممة للمحافظة على إحكام جزء الكتف من حزام الأمان حول نظام تثبيت الأطفال. يمكن "تحويل" ألية سحب القفل الأوتوماتيكي (ALR) إلى وضع القفل عن طريق سحب سير الحزام بالكامل خارج ألية السحب، ثم تركه يعود مرة أخرى إلى داخل ألية السحب. إذا كانت مقفلة، فسوف تصدر ألية سحب القفل الأوتوماتيكي (ALR) صوت طقطقة عندما يتم سحب سير الحزام مرة أخرى داخل ألية السحب. راجع وصف "وضع القفل الأوتوماتيكي" في "اليات سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل" ضمن "أنظمة تثبيت الركاب" لمزيد من المعلومات عن اليات سحب القفل الأوتوماتيكي (ALR).



جذب لوحة الأرضية المكسوة بالسجاد لأسفل للوصول إلى مثبت شريط التطويل العلوي



مثبت شريط التطويل العلوي (الموجود في ظهر المقعد)

3. 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.

تحذير! (تابع)

- 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.
- قم بتركيب نظام تثبيت الأطفال عندما تكون السيارة متوقفة. يتم تثبيت نظام تثبيت الأطفال المتوافق مع نظام ISOFIX بشكل صحيح في الكنائف عند سماع صوت "طققة".

تركيب أنظمة تثبيت الأطفال باستخدام مثبتات أشرطة التطويل العلوية

1. انظر خلف موضع الجلوس حيث تنوي تركيب نظام تثبيت الأطفال لتعثر على مثبت شريط التطويل. قد تحتاج إلى تحريك المقعد للأمام لتوفير الوصول بصورة أفضل إلى مثبت شريط التطويل. 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.

2. للوصول إلى مثبتات أشرطة التطويل العلوية خلف المقعد الخلفي، اسحب لوحة الأرضية المكسوة بالسجاد بعيدًا عن ظهر المقعد، وستظهر مثبتات أشرطة التطويل العلوية.

3. قم بتوصيل الموصلات الخاصة بنظام تثبيت الأطفال بالمثبتات السفلية في موضع الجلوس المحدد.

4. إذا كان نظام تثبيت الأطفال يحتوي على شريط تطويل، فقم بتوصيل شريط التطويل العلوي بالمثبت. راجع قسم "تركيب أنظمة تثبيت الأطفال باستخدام مثبتات أشرطة التطويل العلوية" 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 جذبته للخلف وللأمام بمقعد الطفل في مسار الحزام. حيث ينبغي ألا يتحرك لأكثر من 25 مم في أي اتجاه.

تحذير!

- قد يؤدي سوء تركيب نظام تثبيت الطفل بـمثبتات ISOFIX 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.

(تابع)

مجموعة الأوزان	فئة الحجم	التجهيزات	الراكب الأمامي	المقعد الأيمن/الأيسر الخلفي الطرفي	منتصف المقعد الخلفي
I - من 9 إلى 18 كجم	D	ISO/R2	X	IUF/IUF	X
	C	ISO/R3	X	IUF/IUF	X
	B	ISO/F2	X	IUF/IUF	X
	B1	ISO/F2X	X	IUF/IUF	X
	A	ISO/F3	X	IUF/IUF	X
			(1)	X	N/A
II - من 15 إلى 25 كجم		(1)	X	N/A	X
III - من 22 إلى 36 كجم		(1)	X	N/A	X

"تركيب أنظمة تثبيت الأطفال باستخدام حزام أمان السيارة" لمعرفة ما هو نوع حزام الأمان الخاص بكل موضع من مواضع الجلوس.

1. قم بإرخاء وصلات الضبط الموجودة على الموصلات السفلية وعلى شريط التطويل الخاص بمقعد الطفل كي تسهل ربط الموصلات بمثبتات السيارة.

2. ضع مقعد الطفل بين المثبتات السفلية لموضع الجلوس هذا. بالنسبة لبعض مقاعد الصف الثاني، قد تحتاج إلى إمالة المقعد و/أو رفع مسند الرأس للحصول على وضعية أكثر مناسبة. إذا كان من الممكن تحريك المقعد الخلفي للأمام وللخلف في السيارة، فقد ترغب في تحريكه لأقصى وضع للخلف لترك مساحة لمقعد الطفل. وقد ترغب أيضًا في تحريك المقعد الأمامي للأمام لترك مساحة أكبر لمقعد الطفل.

• X = موضع ISOFIX (أيزوفيكس) غير مناسب لأنظمة تثبيت الأطفال من نوع أيزوفيكس في مجموعة الأوزان هذه و/أو هذه الفئة الحجمية.

اتبع دومًا تعليمات الجهة المصنعة لنظام تثبيت الأطفال عند تركيبه. ولا تنطبق تعليمات التركيب هذه على جميع أنظمة تثبيت الأطفال. عند استخدام نظام تثبيت الأطفال Universal ISOFIX، يمكنك استخدام أنظمة تثبيت الأطفال المعتمدة فقط التي تحمل علامة ECE R44 (الإصدار R44/03 أو أعلى) "Universal ISOFIX".

لتثبيت نظام تثبيت الأطفال ISOFIX إذا كان موضع الجلوس المحدد به حزام أمان مزود بألية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل، فحزن حزام الأمان واتباع الإرشادات الموضحة أدناه. راجع قسم

تفسير للرموز المستخدمة في الجدول أعلاه:

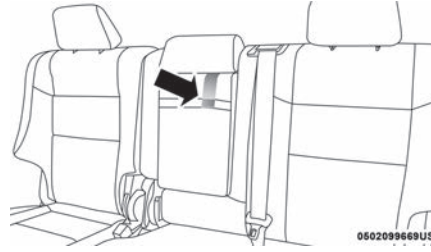
- (1) = بالنسبة لأنظمة تثبيت الأطفال التي لا تحمل معرف الفئة الحجمية ISO/XX (من A إلى G) لمجموعة الأوزان المناسبة، ستشير الجهة المصنعة للسيارة إلى نظام (أنظمة) تثبيت الأطفال المحددة من نوع أيزوفيكس الموصى بها لكل موضع جلوس.
- II = مناسب لأنظمة تثبيت الأطفال ISOFIX من الفئة "الخاصة بالسيارة" أو "المقيدة" أو "شبه العامة" المعتمدة لهذا النوع من السيارات.
- IUF = مناسب لأنظمة تثبيت الأطفال الأمامية من نوع ISOFIX من الفئة العامة المعتمدة للاستخدام في مجموعة الأوزان.

ملائمة مقاعد الركاب لاستخدام نظام تثبيت الأطفال

ISOFIX

يوضح الجدول أدناه الاحتمالات المختلفة لتركيب أنظمة تثبيت الأطفال ISOFIX على المقاعد المزودة بمثبتات ISOFIX وفقاً للمعيار الأوروبي رقم ECE 16.

3. ارفع مسند الذراع وثبت خطاف شريط التطويل بالشريط الموجود على مقدمة مسند الذراع.



تثبيت شريط تطويل مسند ذراع موضع المقعد الأوسط



شريط تطويل مسند ذراع موضع المقعد الأوسط

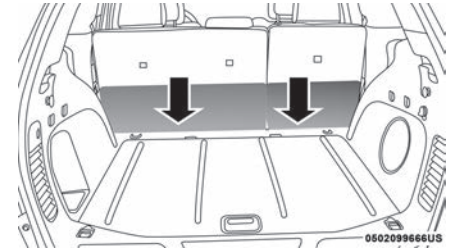
2. اسحب شريط التطويل لأسفل لفصله من غطاء المقعد البلاستيكي.

جدول أوضاع نظام ISOFIX بالسيارة

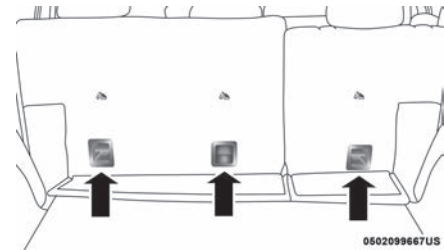
مجموعة الأوزان	فئة الحجم	التجهيزات	الراكب الأمامي	المقعد الأيمن/الأيسر الخلفي الطرفي	منتصف المقعد الخلفي
حامل الرضيع	F	ISO/L1	X	X	X
	G	ISO/L2	X	X	X
		(1)	X	N/A	X
0 - حتى 10 كجم	E	ISO/R1	X	IL/IL	X
		(1)	X	X	X
0+ حتى 13 كجم	E	ISO/R1	X	IL/IL	X
	D	ISO/R2	X	IL/IL	X
	C	ISO/R3	X	IL/IL	X
		(1)	X	X	X



هناك مثبتات أشرطة تطويل خلف كل موضع جلوس خلفي موجود في ظهر المقعد. للوصول إليها، اسحب لوحة الأرضية المكسوة بالسجاد بعيدًا عن ظهر المقعد، وسيعمل هذا على إظهار مثبتات أشرطة التطويل العلوية.



جذب لوحة الأرضية المكسوة بالسجاد لأسفل للوصول إلى مثبت شريط التطويل العلوي



جذب لوحة الأرضية المكسوة بالسجاد لأسفل للوصول إلى مثبت شريط التطويل العلوي

سنتكون أنظمة تثبيت الأطفال ISOFIX مزودة بقضيب صلب على كل جانب. وسيحتوي كل واحد منها على موصل لتثبيت المثبت السفلي ويكون طريقة لإحكام التوصيل بالمثبت. وقد تأتي 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 ويكون طريقة لإحكام ربط الشريط بعد تركيبه بالمثبت.

تحذير!

- لا تقم بتركيب نظام تثبيت الأطفال في الموضع الأوسط باستخدام نظام ISOFIX. هذا الوضع غير معتمد لأي نوع من أنواع أنظمة تثبيت الأطفال المتوافق مع نظام ISOFIX.
- لا تقم بتركيب نظام تثبيت الأطفال المتوافق مع نظام ISOFIX باستخدام مثبت شريط التطويل المركزي فقط. استخدم حزام الأمان لتثبيت مقعد الطفل في موضع الجلوس الأوسط.
- لا تستخدم نفس المثبت السفلي لتثبيت أكثر من نظام تثبيت أطفال واحد. يُرجى مراجعة "لترتيب نظام تثبيت الأطفال المتوافق مع نظام ISOFIX" للتعرف على إرشادات التركيب النموذجية.

شريط تطويل مسند ذراع المقعد الأوسط

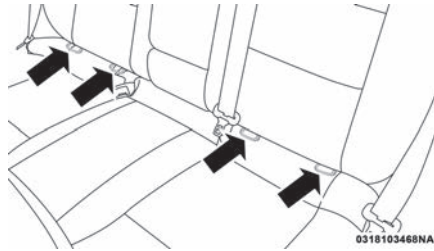
بالنسبة لأنظمة تثبيت الأطفال الموجهة إلى الخلف والمثبتة في موضع المقعد الأوسط باستخدام أحزمة أمان السيارة، يحتوي موضع المقعد الخلفي الأوسط على شريط تطويل لمسند الذراع يعمل على تثبيت مسند الذراع في الوضع العلوي.

1. للوصول إلى شريط تطويل مسند ذراع المقعد الأوسط، قم أولاً بخفض مسند الذراع. يقع شريط التطويل خلف مسند الذراع وهو مثبت في غطاء المقعد البلاستيكي.

يتم توضيح مثال على نظام تثبيت الأطفال ISOFIX العام لمجموعة الوزن 1 في الشكل E. كما تتوفر أنظمة تثبيت الأطفال ISOFIX في مجموعات أوزان أخرى.

تحديد موقع مثبتات ISOFIX

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 لتثبيت نظام تثبيت الأطفال. وسوف تشعر بها بسهولة عند تحريك إصبعك بطول الفجوة بين سطحي ظهر المقعد ووسادته.



المثبتات السفلية للمقعد الخلفي

الطفل قليلاً إلى وسط السيارة أو استخدم مقعد معزز لوضع حزام أمان المقعد على الطفل بشكل صحيح.

تحذير!

ولا تسمح للطفل أبداً 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 دائماً جزئي حزام الحوض والكتف من حزام أمان المقعد بشكل صحيح.

نظام التثبيت ISOFIX



الشكل E

سيارتك مزودة بنظام تثبيت الأطفال يسمى ISOFIX. يتيح هذا النظام تركيب مقاعد الأطفال المزودة بنظام ISOFIX بدون استخدام أحزمة الأمان في السيارة. يشمل نظام ISOFIX على مثبتان سفليان في الجزء الخلفي من وسادة المقعد حيث يقابل ظهر المقعد ومثبت شريط علوي موجود خلف وضع الجلوس.

أحزمة الأمان للأطفال الأكبر سناً

يمكن للأطفال الذين يزيد طولهم عن 1.50 متر، استخدام أحزمة الأمان بدلاً من أنظمة تثبيت الأطفال.

نقد هذا الاختبار البسيط المكون من 5 خطوات لتحديد ما إذا كان حزام الأمان يتلائم بصورة صحيحة مع الطفل، أم أنه يجب استخدام نظام تثبيت أطفال من المجموعة 2 أو المجموعة 3 لتحسين ملائمة حزام الأمان:

1. هل يمكن للطفل الجلوس بالكامل مع وضع ظهره منتصباً على ظهر مقعد السيارة؟
2. هل تنتهي ركبتي 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 هي "لا"، فإن الطفل لا يزال يحتاج إلى استخدام نظام تثبيت الأطفال من المجموعة 2 أو 3 في هذه السيارة. إذا كان الطفل يستخدم حزام الكتف/الحوض، فافحص مدى إحكام ربط الحزام بشكل دوري وتأكد من ربط حزام أمان المقعد. حيث قد يؤدي جلوس الطفل مترهلاً أو متلوياً إلى إزاحة الحزام من مكانه. إذا لامس حزام الكتف وجه الطفل أو رقبتة، فحرك

I	RISCHIO DI FERITE GRAVI O MORTALI. I seggiolini bambini che si montano nel verso opposto a quello di marcia non vanno installati su sedili anteriori in presenza di air bag passeggero attivo.
GB	DEATH OR SERIOUS INJURY CAN OCCUR. 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
F	RISQUE DE MORT OU DE BLESSURES GRAVES. NE PAS positionner le siège pour enfant tourné vers l'arrière, en cas d'air bag passager actif.
D	Nichtbeachtung kann TOD oder SCHWERE VERLETZUNGEN zur Folge haben. Rückwärts gerichtete Kindersicherhaltssysteme (Babyschale) dürfen nicht in Verbindung mit aktiviertem Beifahrerairbag auf dem Beifahrersitz verwendet werden
NL	DIT KAN DODELIJK ZIJN OF ERNSTIGE ONGELUKKEN VEROORZAKEN. Plaats het kindervoertuig niet ruggeleed op de voorstoel wanneer er een airbag aanwezig is.
E	PUEDE OCACIONAR MUERTE O HERIDAS GRAVES. NO ubicar al asiento para niños en sentido inverso al de marcha en el asiento delantero si hubiese airbag activo lado pasajero.
PL	MOŻE GROZIĆ ŚMIERCIĄ LUB CIĘŻKIMI OBRAŻENIAMI. NIE WOLNO umieszczać fotelika dziecięcego tyłem do kierunku jazdy w przypadku zainstalowanej aktywnej poduszki powietrznej pasażera.
TR	ÖLÜM VEYA AĞIR ŞEKİLDE YARALANMAYA SEBEP OLABİLİR. Yalncu airbagi aktif halde iken çocuk koltuğunu araç gidiy yönüne ters biçimde yerleştirmeyin.
DK	FARE FOR DØDELIGE KVÆSTELSER OG LIVSTRUENDE SKADER. Placer aldrig en bagvendt barnesæd på passagerensædet, hvis passager-airbagen er indstillet til at være aktiv (on).
EST	YAGAJARJEKI VÕIVAD OLLA TÕSISED KEHAVIGASTUSED VÕI SURM. Turvajadja olemasolu korral ärge asetage lapse turvasiidet sõidusuuraga vastassuunas.
FIN	KUOLEMANVAARA TAI VAKAVIEN VAMMOJEN UHKA. Älä aseta lasten turvasiinta nin, että laeai on sekkä menossaantaa, kun matkustajan airbag on käyössä.
P	RISCO DE MORTE OU FERIMENTOS GRAVES. Não posicionar o banco para crianças numa posição contrária ao sentido de marcha quando o airbag de passageiro estiver activo.
LT	GALI ĮTIKTI MIRTIŠ ARBA GALITE RIMTAI SUŠIŽESTI. Nedėkite vaiko sėdynes atgręžtos nugaros į priekinę automobilio sėdikį ten, kur yra veikiant keleivio oro pagalvis.
S	KAN VARA LIVSHOTANDE ELLER LEDA TILL ALLVARIGA SKADOR. Placera aldrig en bakåtrind barnesät i framsätet då passagerarsätets krockkudde är aktiv.
H	HALÁSSO VAGY SÜLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülést a menetiránytól szembe, ha az utas oldaltól légszék működik.
LV	VAR IZRAISĪTĀ NĀVI VAI NĀPĒTNĀS TRAUMĀS. Nenovietot mazulā abēdēl pretējā braukšanas virzienam, ja pasažiera pusē ir uzstādīta gaisa spilvens.
CZ	HROZÍ NEBEZPEČÍ VÁŽNĚHO UBLÍŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumístěte dítěku sedáčku do opačné polohy vůči směru jízdy v případě aktivního airbagu spolujezdce.
SLO	LAHKO PRIDE DO SMRTI ALI HUIHNI POŠKODBE. Otroškega avtomobilnega sedela ne nameštajte v obratni smeri vožnje, če ima vozilo vgrajeno zračno blazino za potnika.
RO	SE POATE PRODUCE DECESUL SAU LEZUNI GRAVE. Nu aşezati scaunul de masină pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat.
GR	ΜΠΟΡΕΙ ΝΑ ΠΡΟΚΛΗΘΟΥΝ ΘΑΝΑΤΟΣ Ή ΣΟΒΑΡΑ ΤΡΑΥΜΑΤΑ. Μην τοποθετείτε το καρέκλας αυτοκινητού για µωλάκι σε αντίθετή προς την φορά πορείας θέση σε περίπτωση που υπάρχει ενεργός cv ενεργός στη θέση συντελεστή.
BG	ИМА ОПАСНОСТ ОТ СМЪРТ И СЕРИОЗНИ НАРАНЯВАНИЯ. Не поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движението, при положение активно на въздушната възглавница за пътуване.
SK	MOŽE NASTAŤ SMŤ ALEBO VÁŽNE ZRANENIA. Neďajte autosedáčku pre deti do polohy proti chodu vozidla, keď je aktívny airbag spolujezdca.
RUS	ТРАВМЫ И ДЕТАЛЬНЫЙ ИСХОД. Детское кресло, устанавливаемоеся против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности.
HR	OPASNOST OD TEŠKIH IJ SMRTI IZAZIVANJE OZLJEDE. Sjedala za djecu koja se montiraju u smjeru suprotnom od vožnje ne smiju se instalirati na prednja sjedala ako postoji aktívni zračni jastuk suvozača.
AS	قد تحدث حالات وفاة أو إصابات بالغة. لا تستخدم مقاعد الأمان الخاصة بالأطفال على مقعد مزود "بوسادة هوائية"، حيث أن الحطاط قد يتعرض للنفذ أو الإصابة بالغة.

ملاءمة مقاعد الركاب لاستخدام نظام تثبيت الأطفال العام وفقاً للتوجيه الأوروبي 2000/3/EC، يوضح الجدول التالي ملاءمة موضع كل مقعد راكب لتثبيت أنظمة تثبيت الأطفال العامة:

تحذير! (تابع)

- 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 مثبتات نظام ISOFIX أو أخرجه من السيارة. ولا تتركه حرًا داخل السيارة. ففي حالات توقف السيارة المفاجئ أو وقوع حادث، قد يرتطم بالركاب أو ظهور المقاعد مسببًا إصابة شخصية بالغة.

تحذير!

- سوء التركيب يمكن أن يؤدي إلى عدم أداء نظام تثبيت الرضيع أو الطفل وظيفته بصورة صحيحة. ومن الممكن أن يفصل من مكانه عند وقوع تصادم. 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

(تابع)

جدول وضع جلوس الأطفال العام (أو موقع آخر)

مجموعة الأوزان	الراكب الأمامي	المقعد الخلفي الخارجي	منتصف المقعد الخلفي	المقعد الأوسط الخارجي	منتصف المقعد الأوسط
المجموعة 0 - حتى 10 كجم	X	U/UF	UF	N/A	N/A
المجموعة 0+ - حتى 13 كجم	X	U/UF	UF	N/A	N/A
المجموعة 1 - من 9 إلى 18 كجم	X	U/UF	UF	N/A	N/A
المجموعة 2 و 3- من 15 إلى 36 كجم	X	U/UF	UF	N/A	N/A

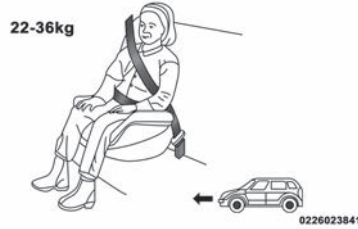
تفسير للرموز المستخدمة في الجدول أعلاه:

- UF = مناسب للمثبتات من الفئة العامة Universal الموجهة للأمام والمعتمدة للاستخدام في هذه المجموعة من الأوزان.
- إذا تداخل مسند الرأس مع تركيب نظام تثبيت الأطفال، فقم بضبط مسند الرأس (إذا كان قابلاً للضبط).

- U = مناسب للمثبتات من الفئة العامة Universal المعتمدة للاستخدام في هذه المجموعة من الأوزان.
- X = المقعد غير مناسب للأطفال في هذه المجموعة من الأوزان.

المجموعة 3

يكون للأطفال الأكبر حجمًا الذين يعدون كبار الحجم للغاية لنظام تثبيت الأطفال من المجموعة 0 أو المجموعة 0+.



الشكل D

للأطفال الذين تتراوح أوزانهم بين 22 كجم و36 كجم والذين يعدون طوال بدرجة كافية لاستخدام حزام الكتف، يمكن استخدام نظام تثبيت الأطفال من المجموعة 3. تعمل أنظمة تثبيت الأطفال من المجموعة 3 على وضع حزام الحوض على حوض الطفل. يجب أن يكون الطفل طويل القامة بدرجة كافية لعبور حزام الكتف فوق صدر الطفل وليس رقبته.

الشكل يوضح الشكل D مثالاً على نظام تثبيت الأطفال من المجموعة 3 الذي يضع الطفل بطريقة صحيحة في المقعد الخلفي.

المجموعة 2



الشكل C

للأطفال الذين تتراوح أوزانهم بين 15 كجم و25 كجم والذين يعدون كبار الحجم للغاية لنظام تثبيت الأطفال من المجموعة 1، يمكن استخدام نظام تثبيت الأطفال من المجموعة 2.

كما هو موضح في الشكل C، يعمل نظام تثبيت الأطفال من المجموعة 2 على وضع الطفل بطريقة صحيحة لما يتعلق بحزام الأمان بحيث يعبر حزام الكتف صدر الطفل وليس رقبته، ويتم إحكام حزام الحوض على الحوض وليس البطن.

تحذير!

- لا تضع نظام تثبيت الأطفال المتجه للخلف أمام وسادة هوائية مطلقاً. حيث قد يتسبب انفجار الوسادة الهوائية الأمامية للراكب في وفاة طفل يبلغ 12 عاماً أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه للخلف، أو إصابته بإصابة بالغة.
- لا تركيب نظام تثبيت الأطفال المتجه للخلف في المقعد الأمامي في السيارة مطلقاً. استخدم نظام تثبيت الأطفال المتجه للخلف في المقعد الخلفي فقط. إذا كانت السيارة لا تشتمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجه للخلف في هذه السيارة.

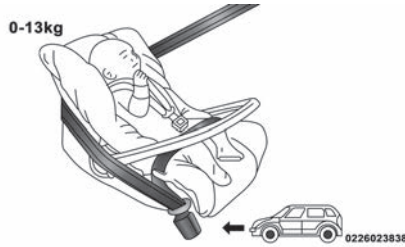
المجموعة 1



الشكل B

يمكن حمل الأطفال الذين تتراوح أوزانهم بين 9 كجم و18 كجم في مقعد متجه إلى الأمام من المجموعة 1، مثل ذلك الموضح في الشكل B. هذا النوع من أنظمة تثبيت الأطفال

المجموعة 0 و 0+



الشكل A

يوصي خبراء السلامة بركوب الأطفال وهم متجهو إلى الخلف في السيارة، طالما كان ذلك ممكناً. ويجب تثبيت الأطفال الذين يصل وزنهم إلى 13 كجم في مقعد متجه للخلف مثل مقعد الأطفال الموضح في الشكل A. يدعم هذا النوع من أنظمة تثبيت الأطفال رأس الطفل ولا يتسبب في إحداث ضغط على الرقبة في حالة خفض السرعة بصورة مفاجئة أو حدوث تصادم.

يتم تثبيت نظام تثبيت الأطفال المتجه إلى الخلف بواسطة أحزمة أمان السيارة، كما هو موضح في الشكل A. ويعمل مقعد الطفل على تثبيت الطفل بواسطة الحزام الخاص به.

تحذير!

"خطر بالغ! لا تضع نظام تثبيت الأطفال المتجه إلى الخلف أمام وسادة هوائية نشطة. راجع الملصقات المثبتة على وافي الشمس للحصول على المعلومات. قد يتسبب انتفاخ الوسادة الهوائية في حالة وقوع حادث إلى حدوث إصابات مميتة للطفل بغض النظر عن شدة التصادم. ولذا يُنصح دائماً بحمل الأطفال في نظام تثبيت الأطفال في المقعد الخلفي، حيث إنه الوضع الأكثر حماية في حالة وقوع تصادم.

أنظمة تثبيت الأطفال "العامّة"

- الأشكال الواردة في الأقسام التالية هي أمثلة لكل نوع من أنظمة تثبيت الأطفال العامة. يتم توضيح التركيبات النموذجية. قم دائماً بتركيب نظام تثبيت الأطفال وفقاً لتعليمات الجهة المُصنّعة لنظام تثبيت الأطفال، والتي يجب تضمينها مع هذا النوع من أنظمة التثبيت.
- طالع قسم "تركيب أنظمة تثبيت الأطفال باستخدام أحزمة أمان السيارة" لمعرفة الخطوات اللازمة لفعل حزام الأمان بطريقة صحيحة فوق نظام تثبيت الأطفال.
- تتوفر أنظمة تثبيت الأطفال بمثبتات ISOFIX لتركيب نظام تثبيت الأطفال في السيارة بدون استخدام أحزمة أمان السيارة.

للخلف بقدر الإمكان؛ فهذا أفضل وضع حماية للطفل في حالة الحوادث. راجع دائماً 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.

في أوروبا، يخضع تعريف أنظمة تثبيت الأطفال للتنظيم ECE-R44، والذي يقسمها إلى خمس مجموعات أوزان:

مجموعة الوزن	مجموعة نظام التثبيت
حتى 10 كجم	المجموعة 0
حتى 13 كجم	المجموعة 0+
9-18 كجم	المجموعة 1
15-25 كجم	المجموعة 2
22-36 كجم	المجموعة 3

افحص ملصق نظام تثبيت الأطفال. يجب أن تتضمن كافة أنظمة تثبيت الأطفال المعتمدة بيانات اعتماد النوع وعلامة الرقابة على الملصق. ويجب أن يكون الملصق مثبتاً بشكل دائم على نظام تثبيت الأطفال. وينبغي أن تتجنب إزالة هذا الملصق من على نظام تثبيت الأطفال.

ملاحظة:

لا تقوم السيارة بتسجيل بيانات جهاز تسجيل بيانات الحوادث (EDR) إلا في حالة حدوث تصادم كبير، ولا يتم تسجيل أي بيانات في جهاز تسجيل بيانات الحوادث (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 الجهة المُصنِّعة للسيارة، فإن أطراف آخرين 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 - نقل الأطفال بأمان



0228018957

ملصق التحذير على وافي الشمس للراكب الأمامي

يجب على جميع الركاب المتواجدين في السيارة ربط الأحزمة في كل الأوقات، ويشمل ذلك الرضع والأطفال. يتطلب توجيه الاتحاد الأوروبي 2003/20/EC الاستخدام الصحيح لأنظمة التثبيت في كل بلدان الاتحاد الأوروبي.

يجب إجلال الأطفال الذين لا يتجاوز طولهم 1.5 متر والذين تبلغ أعمارهم 12 عامًا أو أصغر في المقعد الخلفي وربطهم جيدًا بأحزمة الأمان، إذا توافر ذلك. وتشير إحصائيات التصادمات إلى أن ربط الأطفال في المقاعد الخلفية بشكل صحيح أكثر أمانًا من ربطهم في المقاعد الأمامية.

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 تركيب 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 تشمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجه 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.
- في حالة التصادم، يمكن أن يصبح الطفل غير المثبت قديفة داخل السيارة. وتصبح القوة المطلوبة لإبقاء الرضيع في حضنك كبيرة جدًا بحيث إنك تعجز عن المسك به 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 باستخدام حزام أمان الكبار. وينبغي وضع الأطفال بحيث يكونون متجهين

• آلة التنبيه

• الماسحة الأمامية

• مضخة غاسلة الزجاج الأمامي

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 بحثاً عن تسرب الوقود في غرفة المحرك وعلى الأرض بالقرب من غرفة المحرك وخران الوقود قبل إعادة ضبط النظام وبدء تشغيل المحرك. إذا لم يكن هناك تسرب للوقود أو تلف بالأجهزة الكهربائية بالسيارة (مثل المصابيح الأمامية) بعد وقوع حادث، فأعد ضبط النظام باتباع الإجراء الوارد وصفه أدناه. في حالة وجود أي شك، يُرجى الاتصال بوكيل معتمد.

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 بحثاً عن تسرب الوقود في غرفة المحرك وعلى الأرض بالقرب من غرفة المحرك وخران الوقود قبل إعادة ضبط النظام وبدء تشغيل المحرك.

صيانة نظام الوسائد الهوائية

تحذير!

• قد تؤدي أية تعديلات لأي جزء من نظام الوسائد الهوائية إلى تعطيله عند الحاجة إليه. وقد تتعرض للإصابة نتيجة لعدم وجود نظام وسادة هوائية لحمايتك. لا تقم بإدخال أية تعديلات على المكونات أو الأسلاك الكهربائية، بما في ذلك إضافة أية ملصقات على غطاء كسوة محور عجلة القيادة أو الجانب العلوي من لوحة أجهزة القياس ناحية الراكب. لا تقم بتعديل المصدر الأمامي أو هيكل جسم السيارة أو تقم بإضافة مداسات جانبية 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 من 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 (وبشمل ذلك إزالة أو فك/إحكام ربط مسامير تثبيت المقعد)، فتوجه بالسيارة إلى الوكيل المعتمد. يمكن استخدام ملحقات المقاعد المعتمدة من الجهة المُصنِّعة فقط. إذا لزم الأمر تعديل نظام الوسائد الهوائية للأشخاص المعاقين، فاتصل بالوكيل المعتمد.

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 الوقود و/أو دواسة الفرامل؛
 - معدل سرعة السيارة.
- يمكن أن تساعد هذه البيانات على توفير فهم أفضل للظروف التي وقعت فيها حوادث التصادم والإصابات.

• مستشعرات الصدمة الأمامية والجانبية

• آليات شد حزام الأمان

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 التصادمات. وهذا لا يعني وجود خلل في نظام الوسائد الهوائية.

وإذا وقع حادث تصادم يؤدي إلى انتفاخ الوسائد الهوائية، فستحدث 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 بالحيال أو الانزلاق على سجادة أو على أرض صالة الألعاب الرياضية. وهي لا تنجم عن ملامسة مواد كيميائية. وهي ليست دائمة وعموماً تشفى بسرعة. وإذا طالقت فترة الشفاء لأكثر من بضعة أيام، أو إذا لاحظت فقاعات على الجلد، فراجع الطبيب فوراً.

• عندما يزول انتفاخ الوسادة الهوائية قد ترى جزيئات أشبه بالدخان. تعتبر هذه الجزيئات أمراً طبيعياً يتشكل أثناء عملية توليد الغاز غير السام الذي يستخدم 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، فاغسلها

بالماء البارد. وإذا أصبت بحساسية الأنف أو الحنجرة، فغسلها بالماء البارد. وإذا أصبت بحساسية الأنف أو الحنجرة، فغسلها بالماء البارد. وفي حالة استمرار الحساسية عليك أن تراجع الطبيب. إذا علفت هذه الجزيئات على ملابسك، فاغسلها حسب إرشادات الجهة المصنعة.

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 مسبقاً وآليات شد أحزمة الأمان لا توفر الحماية في حالة وقوع تصادم آخر. استبدل الوسائد الهوائية وآليات شد أحزمة الأمان ومجموعات آليات سحب أحزمة الأمان بواسطة وكيل معتمد في أسرع وقت ممكن. قم أيضاً بصيانة نظام وحدة التحكم في تثبيت الركاب.

ملاحظة:

• قد لا تكون أغشية الوسائد الهوائية واضحة في الكسوة الداخلية، لكنها سوف تنتفخ أثناء انتفاخ الوسائد الهوائية.

• بعد وقوع أي تصادم، يجب اصطحاب السيارة على الفور إلى الوكيل المعتمد.

نظام الاستجابة للحوادث المحسن

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 للمحرك (إذا كانت السيارة مزودة بذلك)

• قطع طاقة البطارية إلى الموتور الكهربائي (إذا كانت السيارة مزودة بذلك)

• وميض أضواء الخطر ما دامت البطارية تشتمل على طاقة

• يتم تشغيل المصابيح الداخلية والتي تظل مضاءة طالما توجد طاقة في البطارية لمدة 15 دقيقة من تدخل نظام الاستجابة للحوادث المحسن.

• إلغاء قفل أقفال الأبواب العاملة بالطاقة.

قد تكون سيارتك مصممة أيضاً لتنفيذ أي من تلك الوظائف الأخرى استجابة لنظام الاستجابة للحوادث المحسن:

• أوقف تشغيل جهاز تدفئة فلترة 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 مزودة بذلك)

• التوجيه المعزز كهربياً

• معزز الفرامل

• فرامل التوقف الكهربائية

• محدد التروس بناقل الحركة الأوتوماتيكي

الوسائد الهوائية الجانبية مناسبة، فسيقوم نظام استشعار الانقلاب كذلك بنشر آليات شد حزام الأمان الموجودة على جانبي السيارة.

قد تساعد الستائر القابلة للانفتاح للوسائد الهوائية الجانبية الإضافية (SABIC) في تقليل مخاطر التعرض للانقذاف الجزيئي أو الكلي لركاب السيارة عبر النوافذ الجانبية في بعض حوادث الانقلاب أو الصدمات الجانبية.

مكونات نظام الوسائد الهوائية

ملاحظة:

تراقب وحدة التحكم في تثبيت الركاب (ORC) الدوائر الداخلية ومجموعة الأسلاك المترابطة والمتصلة بمكونات نظام الوسائد الهوائية الكهربائية المدرجة أدناه:

- وحدة التحكم في تثبيت الركاب (ORC)
- ضوء تحذيري بشأن الوسادة الهوائية
- عمود وعجلة قيادة
- لوحة أجهزة قياس
- الوسائد الهوائية للركبة
- الوسائد الهوائية للسائق والراكب الأمامي
- مفتاح إبزيم حزام الأمان
- الوسائد الهوائية الجانبية الإضافية
- الوسائد الهوائية الإضافية للركبة

تحذير! (تابع)

• 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 دوماً حزام الأمان حتى ولو كانت السيارة مزودة بوسائد هوائية جانبية.

ملاحظة:

قد لا تكون أغلبية الوسائد الهوائية واضحة في الكسوة الداخلية، لكنها سوف تنتفخ أثناء انفتاح الوسائد الهوائية.

حوادث انقلاب السيارة (إذا كانت السيارة مزودة بمستشعر انقلاب السيارة)

تم تصميم وسائد الهواء الجانبية ليتم تنشيطها في بعض حوادث انقلاب السيارة (إذا كانت السيارة مزودة بمستشعر انقلاب السيارة). تحدد وحدة التحكم في تثبيت الركاب (ORC) ما إذا كان انفتاح الوسائد الهوائية الجانبية في حادث انقلاب للسيارة أمراً مناسباً، استناداً إلى شدة التصادم ونوعه. لا يعد تلف السيارة بعد ذاته مؤشر مناسب لما إذا كانت الوسائد الهوائية ستنتفخ أم لا.

لن تنتفخ الوسائد الهوائية الجانبية في كل حوادث الانقلاب. يحدد نظام استشعار الانقلاب إذا ما كانت حالة الانقلاب مستمرة، وإذا ما كان الانقذاف مناسباً أم لا. إذا حدث انقلاب للسيارة أو كانت قد أوشكت على الانقلاب وكان انقذاف

تحذير!

• يمكن أن يتعرض الركاب، بما فيهم الأطفال الواقفين أمام الوسائد الهوائية أو القريبين جداً 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 أيضاً على المحافظة على وجودك في موضعك بعيداً 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 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 لنتفخ. لا تتكئ على الباب أو النافذة. اجلس منتصباً في وسط المقعد.

• قد يؤدي الاقتراب أكثر من اللازم من الوسائد الهوائية الجانبية أثناء الانقذاف إلى تعرضك لإصابة جسيمة أو للوفاة.

(تابع)

الصدّامات الجانبية

تم تصميم الوسائد الهوائية الجانبية ليتم تنشيطها في بعض الصدمات الجانبية. تحدد وحدة التحكم في تثبيت الركاب (ORC) ما إذا كان انفخاض 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 انفخاض الوسائد الهوائية اليسرى فقط، ويؤدي التصادم من الجانب الأيمن إلى انفخاض الوسائد الهوائية اليمنى فقط. لا يعد تلف السيارة بحد ذاته مؤشر مناسب لما إذا كانت الوسائد الهوائية تنتفخ أم لا.

لن تنتفخ الوسائد الهوائية الجانبية في جميع التصادمات الجانبية، بما في ذلك بعض الحوادث بزوايا 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 لتعض عينيّك.

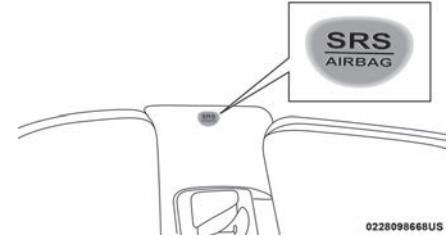
حالة وجود متعلقات في المنطقة التي تنتفخ فيها الستائر القابلة للانفخاض للوسائد الهوائية الجانبية الإضافية (SABIC). يكون الأطفال عرضة للإصابة بشكل أكبر بسبب انفخاض الوسائد الهوائية.

قد تساعد الستائر القابلة للانفخاض للوسائد الهوائية الجانبية الإضافية (SABIC) (إذا كانت السيارة مزودة بذلك) في تقليل مخاطر التعرض للانفخاض الجزئي أو الكلي لركاب السيارة عبر النوافذ الجانبية في بعض حوادث الصدمات الجانبية.

تحذير!

- لا تتركب معدات، ولا تضع أمتعة أو أشياء أخرى بارتفاع يعوق انفخاض الستائر القابلة للانفخاض للوسائد الهوائية الجانبية (SABIC). ينبغي أن تظل الكسوة التي تغطي النوافذ الجانبية حيث الستائر القابلة للانفخاض للوسائد الهوائية الجانبية ومسار انفخاضها خاليًا من أي عوائق.
- لتعمل الستائر القابلة للانفخاض للوسائد الهوائية الجانبية الإضافية (SABIC) كما يجب، فلا تقم بتركيب أية مواد ملحقة في السيارة قد تعمل على تغيير السقف. لا تقم بإضافة سقف متحرك بديل إلى سيارتك. لا تضيف حوامل السقف التي تتطلب إضافات دائمة (مسامير أو براغي) لتثبيتها في سقف السيارة. لا تحفر في سقف السيارة لأي سبب.

الكسوة التي تغطي الستائر القابلة للانفخاض للوسائد الهوائية الجانبية الإضافية (SABIC) بعبارة "SRS" "AIRBAG" أو "AIRBAG".



موقع ملصق الستائر القابلة للانفخاض للوسائد الهوائية الجانبية الإضافية (SABIC)

قد تساعد الستائر القابلة للانفخاض للوسائد الهوائية الجانبية الإضافية (SABIC) (إذا كانت السيارة مزودة 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 للانفخاض للوسائد الهوائية الجانبية الإضافية (SABIC) إلى الأسفل، بحيث تغطي النوافذ الجانبية. تدفع الستائر القابلة للانفخاض للوسائد الهوائية الجانبية الإضافية (SABIC) الحافة الخارجية للكسوة بعيدًا عن مسار الانفخاض وتغطي النافذة. يتم نفخ الستائر القابلة للانفخاض للوسائد الهوائية الجانبية الإضافية (SABIC) بالهواء بقوة تكفي لإصابة الركاب إذا لم يكونوا يستخدمون حزام الأمان ويجلسون بصورة صحيحة، أو في

الوسائد الهوائية للركبة

تساعد وسائد حماية الركبة من الصدمات على حماية ركبتك السائق والراكب الأمامي وتضع ركاب المقعد الأمامي في أفضل وضع للتفاعل مع الوسائد الهوائية الأمامية.

تحذير!

- لا تحفر أو تقطع أو تعبت 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.

الوسادة الهوائية الإضافية للركبة جانب السائق

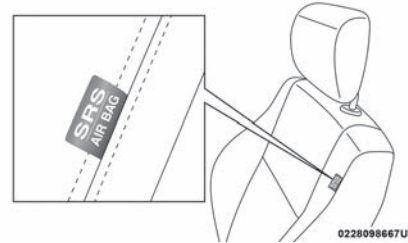
السيارة مزودة بوسادة هوائية إضافية للركبة جانب السائق مثبتة في لوحة أجهزة القياس أسفل عمود التوجيه. توفر الوسادة الهوائية الإضافية للركبة جانب السائق حماية محسنة عند حدوث صدمة أمامية حيث تعمل جنباً إلى جنب مع أحزمة الأمان وأليات الشد والوسائد الهوائية الأمامية.

الوسائد الهوائية الجانبية الإضافية

الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB) - (إذا كانت السيارة مزودة بذلك)

سيارتك مزودة أيضاً بوسائد هوائية جانبية إضافية مركبة في المقعد (SAB). إذا كانت السيارة مزودة بالوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB)، فيرجى الرجوع إلى المعلومات التالية.

توجد الوسائد الهوائية الإضافية الجانبية المركبة في المقعد (SAB): في الجانب الطرقي من المقاعد الأمامية. تشمل الوسائد الهوائية الإضافية الجانبية على ملصق "SRS AIRBAG" أو "AIRBAG" على الجانب الطرقي من كسوة المقاعد.



ملصق الوسادة الهوائية الجانبية الإضافية الأمامية المركبة في المقعد

قد تساعد الوسائد الهوائية الجانبية (إذا كانت السيارة مزودة 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 عينية قد تؤدي إلى إصابة الراكب إن لم يكونوا جالسين بصورة صحيحة، أو إذا كانت هناك حاجبات في الحيز الذي تنتفخ فيه الوسائد الهوائية الجانبية (SAB). يكون الأطفال عرضة للإصابة بشكل أكبر بسبب انتفاخ الوسادة الهوائية.

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 تنتفخ هذه الأشياء بقوة تجاهك؛ مما قد يؤدي إلى إصابة بالغة.

الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) (إذا كانت السيارة مزودة بذلك)

قد تكون سيارتك مزودة بنظام الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) اليمنى واليسرى. إذا كانت سيارتك مزودة بنظام الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC)، فيرجى الرجوع إلى المعلومات التالية.

تقع الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC): فوق النوافذ الجانبية. يتم تمييز

تحذير! (تابع)

- لا تركب نظام تثبيت الأطفال المتجه للخلف في المقعد الأمامي في السيارة مطلقاً. استخدم نظام تثبيت الأطفال المتجه للخلف في المقعد الخلفي فقط. إذا كانت السيارة لا تشمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجه للخلف في هذه السيارة.
- حيث قد يتسبب انتفاخ الوسادة الهوائية الأمامية للراكب في وفاة طفل يبلغ 12 عاماً أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه للخلف، أو إصابته بإصابة بالغة.

مميزات الوسائد الهوائية الأمامية للسائق والراكب

يحتوي نظام الوسائد الهوائية الأمامية المتقدمة على وسائد هوائية متعددة المراحل للسائق والراكب الأمامي. يوفر هذا النظام مخرجات مناسبة لشدة التصادم ونوعه كما تحددتها 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 فوراً خلال التصادم الذي يتطلب انتفاخ الوسادة الهوائية. ويستخدم إخراج الطاقة المنخفض هذا في حالات التصادم الأقل شدة. بينما يستخدم إخراج الطاقة الأعلى في حالات التصادمات الأكثر شدة.

قد تكون السيارة مزودة بمفتاح إيزيم بحزام أمان السائق و/أو الراكب الأمامي الذي يكتشف ما إذا كان حزام أمان السائق أو الراكب الأمامي مثبتاً أم لا. يمكن أن يضبط مفتاح إيزيم حزام الأمان معدل نفخ الوسادة الهوائية الأمامية المتقدمة.

تحذير!

- يجب عدم وضع أية حاجيات فوق الوسادة الهوائية أو بالقرب منها على لوحة أجهزة القياس أو عجلة القيادة، نظراً 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 يدوياً. فقد يتسبب ذلك في تلف الوسائد الهوائية وقد يعرضك للإصابة لأن الوسائد الهوائية قد لا تعمل بعد ذلك. صممت الأغطية الواقية للوسائد الهوائية لكي تفتح عند انتفاخ الوسائد الهوائية فقط.
- الاعتماد على الوسائد الهوائية بمفردها قد يؤدي إلى إصابة بالغة 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 دوماً 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 متوقفاً 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 بزواوية.

على الجانب الآخر، وتبعاً لنوع الاصطدام ومكانه، قد تنتفخ الوسائد الهوائية الأمامية في حالة الصدمات التي ينجم عنها تلف بسيط في الطرف الأمامي للسيارة غير أنها تسبب خفصاً حاداً للسرعة في البداية.

ونظراً 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 أيضاً لمساعدتك على المحافظة على وضعك بعيداً 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 والجانب الأيمن العلوي للوحة أجهزة القياس ويتم طيها بعيداً عن حيز الانتفاخ الكامل للوسائد الهوائية. تنتفخ الوسائد الهوائية الأمامية بالكامل في وقت أقل مما تستغرقه لتغض عينيك. بعد ذلك يزول انتفاخ الوسائد الهوائية الأمامية بسرعة بحيث يحمي السائق والراكب الأمامي.

ملاحظة:

إذا كان عداد المسافة أو التاكوميتر أو أي أجهزة قياس خاصة بالمحرك لا تعمل، فقد يتم تعطيل وحدة التحكم في تثبيت الركاب (ORC). في هذه الحالة، قد لا تكون الوسائد الهوائية جاهزة للانفخاض لحمايتك. اطلب من الوكيل المعتمد صيانة نظام الوسائد الهوائية فوراً.

تحذير!

إن تجاهل الضوء التحذيري بشأن الوسادة الهوائية المعروف في لوحة أجهزة القياس قد يعني أنك لن تحصل على الحماية المطلوبة من نظام الوسائد الهوائية في حالة وقوع تصادم. فإذا لم يظهر الضوء كالفحص بالمصباح عند أول تشغيل للإشعال، أو إذا استمر في الظهور بعد تشغيل السيارة أو إذا ظهر خلال قيادة السيارة، فيجب فحص نظام الوسائد الهوائية فوراً عند وكيل معتمد.

ضوء تحذيري متكرر 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

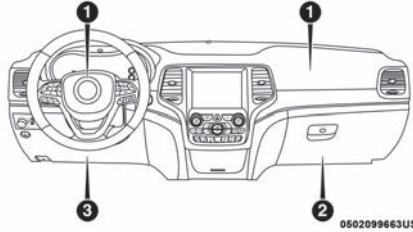


الهوائية قيد التشغيل حتى تتم إزالة العطل. بالإضافة إلى ذلك، يصدر تنبيهاً صوتياً لتثبيتك بوجود ضوء تحذير متكرر بشأن الوسادة الهوائية وبإكتشاف وجود عطل. إذا كان الضوء التحذيري المتكرر بشأن الوسادة الهوائية يضيء بشكل متقطع أو يظل مضاءً أثناء القيادة، فاطلب من الوكيل المعتمد صيانة السيارة على الفور.

للحصول على معلومات إضافية حول الضوء التحذيري المتكرر بشأن الوسادة الهوائية، راجع قسم "التعرف على لوحة أجهزة القياس" من هذا الدليل.

الوسائد الهوائية الأمامية

تحتوي هذه السيارة على وسائد هوائية أمامية وأحزمة أمان الحوض/الكتف لكل من السائق والراكب الأمامي. الوسائد الهوائية الأمامية ملحقمة 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 — وسادة حماية الركبة من الصدمات للراكب
- 3 - وسادة هوائية لركبة السائق/وسادة هوائية للركبة إضافية

تحذير!

- إن جلوسك قريباً جداً من عجلة القيادة أو لوحة أجهزة القياس أثناء انفخاض الوسادة الهوائية الأمامية قد يسبب لك إصابة بالغة، قد تصل إلى الوفاة. فالوسائد الهوائية تحتاج إلى حيز كاف لتنتفخ. اجلس مسترخياً إلى الوراء ومد ذراعك بشكل مريح للتحكم بعجلة القيادة أو الوصول إلى لوحة أجهزة القياس.
- لا تستخدم مطلقاً نظام تثبيت أطفال متجهاً إلى الخلف على مقعد محمي بواسطة وسادة هوائية نشطة أمامه، إذ قد تحدث وفاة أو إصابة بالغة للطفل.

(تابع)

تحذير!

لا تستطيع مساند الرأس النشط (AHR) المنتفخة تقديم أفضل حماية لك في جميع أنواع التصادمات. أعد ضبط مساند الرأس النشط (AHR) المنتفخة لدى الوكيل المعتمد على الفور.

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 وكيلًا معتمدًا.

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 الوسائد الهوائية

- وحدة التحكم في تثبيت الركاب (ORC)
- ضوء تحذيري بشأن الوسادة الهوائية
- عمود وعجلة قيادة
- لوحة أجهزة قياس
- الوسائد الهوائية للركبة
- الوسائد الهوائية للسانق والراكب الأمامي
- مفتاح إبزيم حزام الأمان

- الوسائد الهوائية الجانبية الإضافية
- الوسائد الهوائية الإضافية للركبة
- مستشعرات الصدمة الأمامية والجانبية
- آليات شد حزام الأمان

ضوء تحذيري بشأن الوسادة الهوائية

كما تراقب وحدة التحكم في تثبيت الركاب (ORC) جاهزية الأجزاء الإلكترونية لنظام الوسائد الهوائية متى كان مفتاح التشغيل في وضع START (بدء التشغيل) أو وضع ON/OFF (إيقاف التشغيل/الانطلاق). أما إذا كان مفتاح التشغيل في وضع OFF (إيقاف التشغيل) أو وضع ACC (الملحقات)، فلن يعمل نظام الوسائد الهوائية ولن تنفخ 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 الانقفاخ.

تقوم وحدة التحكم في تثبيت الركاب (ORC) بإضاءة ضوء تحذيري بشأن الوسادة الهوائية في لوحة أجهزة القياس لعدد من الثواني يتراوح ما بين أربع إلى ثماني ثوان كنوع من الفحص الذاتي عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) لأول مرة. بعد الفحص الذاتي، ينطفئ "ضوء تحذيري بشأن الوسادة الهوائية". وإذا اكتشفت وحدة التحكم في تثبيت الركاب (ORC) عطلاً في أي جزء من النظام، فإنها تعمل على تشغيل ضوء تحذيري

بشأن 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 تحذيري بشأن الوسادة الهوائية بعد مرور فترة تتراوح ما بين 4 و8 ثوان.
- يضيء ضوء تحذيري بشأن الوسادة الهوائية بصورة متقطعة أو يظل مضاءً أثناء قيادة السيارة.

إعادة ضبط مساند الرأس النشطة (AHR)



فرد مسند الرأس النشط (AHR)

في حالة تشغيل مساند الرأس النشطة أثناء وقوع تصادم، سوف يتمدد النصف الأمامي من مسند الرأس للأمام ويفصلها عن النصف الخلفي من مسند الرأس (انظر الصورة). لا تقم بقيادة السيارة بعد انتفاخ مساند الرأس النشطة (AHR). يجب إعادة ضبط مسند الرأس إلى الموضع الأصلي للتمتع بأفضل حماية للراكب لكل أنواع التصادمات. يجب أن يقوم وكيل FCA المعتمد بإعادة ضبط مساند الرأس النشطة (AHR) الموجودة على مقعد الراكب الأمامي قبل القيادة. قد تؤدي أي محاولة شخصية لإعادة ضبط مساند الرأس النشطة (AHR) إلى تلف مساند الرأس النشطة (AHR)، وهو الأمر الذي قد يؤدي إضعاف وظيفتها.

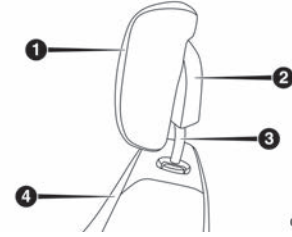
تحذير! (تابع)

- لا تضع أشياء أعلى مسند الرأس النشط مثل المعاطف أو أغطية المقاعد أو أجهزة تشغيل أقراص DVD المحمولة. قد تتداخل هذه الأشياء مع تشغيل مسند الرأس النشط في حالة وقوع تصادم وقد ينتج عن ذلك وقوع إصابة بالغة أو الوفاة.
- يمكن أن تنتفخ مساند الرأس النشطة إذا اصطدم بها أحد الأشياء مثل يد أو قدم أو حمولة غير مثبتة. لتجنب الانتفاخ غير المقصود لمسند الرأس النشط، تأكد من تثبيت الحمولة كلها حيث إن الحمولة السائبة قد تتلامس مع مسند الرأس النشط أثناء التوقفات المفاجئة. قد يؤدي عدم الالتزام بهذا التحذير إلى التسبب في وقوع إصابة شخصية في حالة انتفاخ مسند الرأس النشط.

ملاحظة:

للحصول على المزيد من المعلومات حول ضبط مسند الرأس ووضعه بالشكل المناسب، راجع "مساند الرأس النشطة" في "التعريف على سيارتك".

مكونات مسند الرأس النشط (AHR):



مكونات مسند الرأس النشطة (AHR)

- 1 - النصف الأمامي من مسند الرأس (الفوم الناعم والكسوة)
- 2 - النصف الخلفي من مسند الرأس (غطاء خلفي بلاستيكي زخرفي)
- 3 - الأنابيب الدليلية في مسند الرأس
- 4 - ظهر المقعد

تحذير!

- ينبغي على جميع الركاب بمن فيهم السائق ألا يقوموا بتشغيل 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)

طريقة عمل مساند الرأس النشطة (AHR)

تحدد وحدة التحكم في تثبيت الركاب (ORC) إذا ما كانت شدة أو نوع التصادم الخلفي يستلزم انتفاخ مساند الرأس النشطة (AHR) أم لا. إذا كان التصادم الخلفي يستلزم الانتفاخ، فسيتم انتفاخ مساند الرأس النشطة (AHRs) لكل من مقعد السائق والراكب الأمامي.

عند انتفاخ مساند الرأس النشطة (AHRs) أثناء تصادم خلفي، سيمتد النصف الأمامي من مسند الرأس إلى الأمام لتقليل الفجوة الموجودة بين مؤخرة الرأس ومسند الرأس النشط (AHR). تم تصميم هذا النظام للمساعدة في منع حجم الإصابات التي تلحق بالسائق والراكب الأمامي أو تقليلها في أنواع معينة من التصادمات الخلفية.

ملاحظة:

قد يتم أو لا يتم نفخ مساند الرأس النشطة (AHR) في حالة وقوع صدمة جانبية أو أمامية. ولكن إذا حدث تصادم خلفي ضعيف أثناء وقوع تصادم أمامي، فقد يتم نفخ مساند الرأس النشطة (AHR) ويتوقف ذلك على شدة التصادم ونوعه.

كيف يتم إيقاف وضع القفل الأوتوماتيكي

قم بفك مجموعة حزام الحوض/الكتف 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 لتثبيت أنظمة تثبيت الأطفال المتجهة للأمام أو للخلف والتي تحتوي على مجموعة أسلاك لتثبيت الطفل.

مساند الرأس النشطة (AHR) الإضافية

مساند الرأس هذه هي مكونات تكون هامة وقابلة للتشغيل ويمكن التعرف بسهولة على السيارات المزودة بهذه المعدات بواسطة أي علامات من خلال فحص مسند الرأس بالعين المجردة فقط. يكون مسند الرأس مقسومًا إلى نصفين حيث يتم تصنيع النصف الأول من الفوم الناعم والفرش بينما يكون النصف الثاني من البلاستيك الزخرفي.

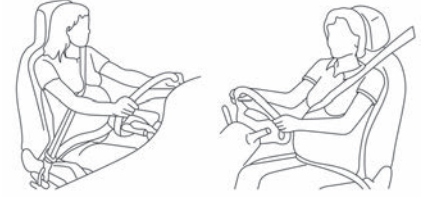
القفل الأوتوماتيكي في أي وقت يتم فيه تركيب نظام تثبيت الأطفال في موضع جلوس به حزام أمان مزود بهذه الميزة. يجب تثبيت الأطفال الذين تبلغ أعمارهم 12 عامًا وأقل بطريقة صحيحة دائمًا في المقعد الخلفي للسيارة باستخدام مقعد خلفي.

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 تركيب 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 تشمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجه 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.



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النساء الحوامل وأحزمة الأمان

يجب على جميع الركاب ارتداء أحزمة الأمان، بما في ذلك النساء الحوامل: يتم تقليل خطر التعرض للإصابات في حالة وقوع حادث للأمم والجنين إذا قامت السيدة الحامل بارتداء حزام الأمان.

ضع حزام الحوض بإحكام وأخفضه أسفل البطن وعبر العظام القوية للفخذين. ضع حزام الكتف حول الصدر وبعيدًا عن الرقبة. لا تضع 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 أليات الشد مع حجم أي راكب، بما في ذلك الأطفال الذين يوضعون في نظام تثبيت الأطفال.

ملاحظة:

إن أليات الشد ليست بديلة لربط حزام الأمان بصورة صحيحة من قبل الراكب. فلا بد من ربط حزام الأمان بإحكام وفي الوضع الصحيح.

يتم تشغيل أليات الشد بواسطة وحدة التحكم في تثبيت الركاب (ORC). وكما هو الحال مع الوسائد الهوائية فإن أليات الشد مصممة للاستخدام مرة واحدة فقط. يجب استبدال الوسادة الهوائية التي انتفخت أو الشداد الذي انتفخ على الفور.

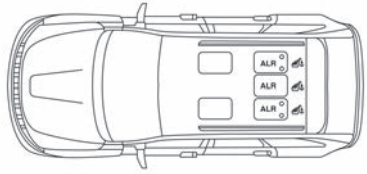
ميزة إدارة الطاقة

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.

أليات سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل - (إذا كانت السيارة مزودة بذلك)

أحزمة الأمان في مواضع جلوس الركاب مزودة بأليات سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل والتي يمكن استخدامها لتأمين نظام تثبيت الأطفال. راجع "تركيب أنظمة تثبيت الأطفال باستخدام أحزمة أمان السيارة"

الواردة ضمن قسم "أنظمة تثبيت الأطفال" من هذا الدليل. يوضح الشكل أدناه ميزة القفل لكل موضع من مواضع الجلوس.



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ALR - آلية سحب القفل الأوتوماتيكي القابلة للتحويل

إذا كان موضع جلوس الراكب مزودًا بآلية سحب القفل الأوتوماتيكي (ALR) ويتم استخدامه بشكل عادي، اسحب سير حزام الأمان فقط لمسافة تكفي لفة 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 بحرص بسحب جزء سير الحزام الضروري بحيث يتم لفة بشكل مريح حول الجزء الأوسط من جسم الراكب. أزح لوح المزلاج داخل الإبزيم حتى تسمع "طققة".

في وضع القفل الأوتوماتيكي، يتم قفل حزام الكتف أوتوماتيكيًا بشكل مسبق. وستستمر إمكانية انسحاب حزام الأمان لإزالة أي ارتخاء في حزام الكتف. استخدم وضع

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 الأمان، اضغط على الزر الأحمر على الإيزيم. وستسحب حزام الأمان أوتوماتيكيًا إلى وضعه الأصلي. اسحب لوح المزلاج إلى أسفل سير الحزام لكي تضمن الانسحاب الكامل لحزام الأمان، إذا كان ذلك ضروريًا.

خطوات تعديل حزام أمان الحوض/الكتف الملتف

اتبع الخطوات التالية لتعديل حزام الحوض/الكتف لحزام الأمان في حالة التفافه.

1. ضع لوح المزلاج في أقرب مكان ممكن من نقطة التثبيت.

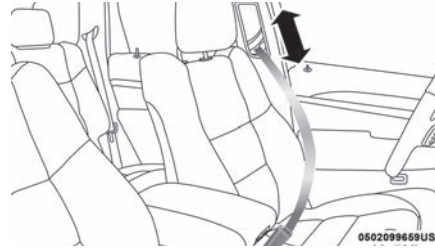
2. من نقطة تبعد من 15 سم إلى 30 سم (من 6 إلى 12 بوصة) تقريبًا فوق لوح المزلاج، قم بلف سير حزام الأمان بزاوية 180 درجة لإحداث طية تبدأ فوق لوح المزلاج مباشرة.

3. اسحب لوح المزلاج إلى الأعلى إلى نقطة تتجاوز الطية الموجودة على السير. 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 الطرقي، يمكن ضبط الجزء العلوي من حزام الكتف سواء لأعلى أو لأسفل لوضع حزام الأمان بعيدًا عن رقبتك. اضغط على أو اكبس على زر المثبت لتحريك المثبت، ثم قم بتحريكه لأعلى أو لأسفل إلى الوضع الذي يناسبك.



المثبت القابل للضبط

وكقاعدة أساسية، إذا كنت أقصر من المتوسط فستفضل مثبت حزام الكتف في موضع أكثر انخفاضًا، وإذا كنت أطول من المتوسط فستفضل مثبت حزام الكتف في موضع أعلى. وبعد تحرير زر المثبت حاول تحريكه لأعلى أو لأسفل للتأكد من قفله في موضعه.

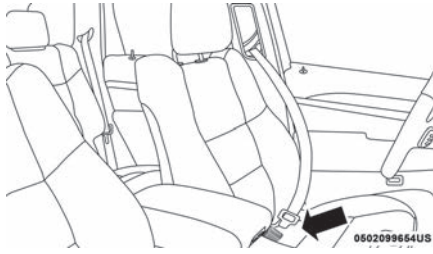
ملاحظة:

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!

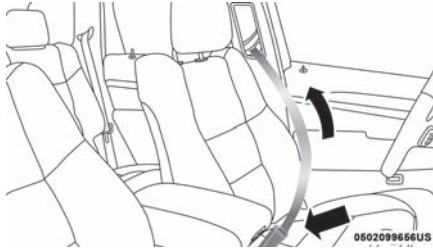
- يمكن أن يزيد ارتداء حزام الأمان بشكل غير صحيح من شدة الإصابات عند وقوع تصادم. وقد تتعرض لإصابات داخلية أو قد تنزلق من تحت حزام الأمان. اتبع هذه التعليمات لوضع حزام الأمان بصورة آمنة للمحافظة على سلامتك وسلامة ركاب السيارة أيضًا.
- ضع حزام الكتف بين الكتف والصدر مع الحد الأدنى، وفي حالة وجود أي ارتخاء 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 عمليات ضبط ارتفاع حزام الأمان عندما تكون السيارة متوقفة.

تعليمات استخدام حزام الحوض/الكتف



إدخال لوح المزلاج في الإبزيم

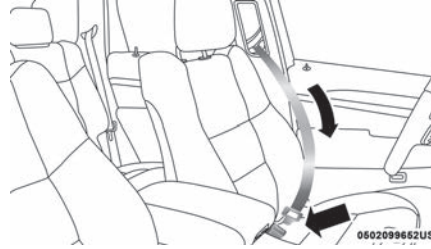
4. ضع حزام الحوض حتى يتم إحكام تثبيته بحيث يستقر حول الفخذين، أسفل بطنك. للتخلص من ارتخاء جزء حزام الحوض، اسحب جزء حزام الكتف. ولتخفيف إحكام حزام الحوض قم بإمالة لوح المزلاج واسحب حزام الحوض. حزام الأمان المحكم يقلل من خطر الانزلاق تحت حزام الأمان عند التصادم.



وضع حزام الحوض

1. ادخل السيارة وأغلق الباب. ثم اجلس مسترخياً واضبط المقعد.

2. يوجد لوح مزلاج لحزام الأمان أعلى ظهر المقعد الأمامي، بجانب ذراعك في المقعد الخلفي (السيارات المزودة بالمقعد الخلفي). امسك 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 مناسباً، أدخل لوح المزلاج في الإبزيم حتى تسمع الصوت الذي يدل على ربطه.

تحذيراً! (تابع)

- 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 دائماً من إدخال حزام الأمان في الإبزيم المخصص لك والقريب منك.
- إن حزام الأمان المرتخي للغاية لن يحميك بالطريقة السليمة. فعند التوقف المفاجئ قد تتحرك كثيراً إلى الأمام مما يزيد من احتمال الإصابة. تأكد من ربط حزام الأمان بإحكام.
- حزام الأمان المربوط تحت ذراعك يشكل خطورة كبيرة. فقد يرتطم جسمك بداخل السيارة عند التصادم مما يزيد من إصابة الرأس والرقبة. كما يسبب حزام الأمان المربوط تحت الذراع إصابات داخلية. إن عظام الأضلاع أضعف من عظام الكتف. اربط حزام الأمان حول كتفك كي تصد العظام القوية قوة التصادم.
- حزام الكتف المربوط خلفك لن يحميك من الإصابات أثناء وقوع تصادم. فقد يرتطم رأسك عند وقوع تصادم إذا لم ترتبط حزام الكتف. فالغرض من أحزمة الكتف والحوض هو استخدامها سوياً.
- 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 فوراً. لا تحاول فك نظام حزام الأمان أو إدخال التعديلات عليه. يجب استبدال أحزمة الأمان بعد وقوع أي تصادم.

تحذير! (تابع)

- يمكن أن يزيد ارتداء حزام الأمان بشكل غير صحيح من شدة الإصابات عند وقوع تصادم. وقد تتعرض لإصابات داخلية أو قد تتزلق من تحت حزام الأمان. اتبع هذه التعليمات لوضع حزام الأمان بصورة آمنة للمحافظة على سلامتك وسلامة ركاب السيارة أيضًا.
- يجب عدم ربط شخصين بحزام أمان واحد بتأثًا. فقد يرتطم هذان الشخصان ببعضهما البعض في حالة وقوع تصادم، 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 الإصابة عند حدوث تصادم. وذلك لعدم وضع حزام الأمان حول العظام القوية للورك والحوض بل حول 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 تصادم 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!

- الاعتماد على الوسائد الهوائية بمفردها قد يؤدي إلى إصابة بالغة 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.
- في حالة وقوع تصادم، قد تتعرض أنت وركاب السيارة لإصابة بالغة إذا لم يتم 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.
- إن ركوب السيارة في منطقة الحموله أمر بالغ الخطورة سواء كان ذلك داخل السيارة أو خارجها. ففي حالات التصادم من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابة بالغة أو مميتة.
- لا تسمح لأي شخص بالركوب في أي جزء من السيارة غير مزود بمقاعد وأحزمة أمان.
- تأكد من جلوس جميع الركاب في المقاعد واستخدامهم 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)

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 الحموله بشكل سليم.

يمكن تنشيط نظام التذكير بربط حزام الأمان BeltAlert أو إلغاء تنشيطه بواسطة الوكيل المعتمد. لا تُوصي شركة FCA بإلغاء تنشيط نظام التذكير بربط حزام الأمان 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 أمان الحوض/الكتف

إن جميع أماكن الجلوس في سيارتك مزودة بأحزمة أمان الحوض/الكتف.

إن آلية سحب سير حزام الأمان مصممة كي تقفل 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 الاندفاع خارجها.

تحذيراً! (تابع)

- لا تركب نظام تثبيت الأطفال المتجه للخلف في المقعد الأمامي في السيارة مطلقاً. استخدم نظام تثبيت الأطفال المتجه للخلف في المقعد الخلفي فقط. إذا كانت السيارة لا تشمل على مقعد خلفي، فلا تحمل معك نظام تثبيت أطفال متجه للخلف في هذه السيارة.
- حيث قد يتسبب انفتاح الوسادة الهوائية الأمامية للراكب في وفاة طفل يبلغ 12 عاماً 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 سائقاً ماهراً، حتى عند القيادة لمسافات قصيرة. فقد تواجه من لا يتقن القيادة ويعرضك لحادث تصادم. وقد يحدث هذا بعيداً عن المنزل أو في الشارع الذي نقيم فيه.

وقد أثبتت البحوث أن أحزمة الأمان تنقذ الأرواح وتقلل من خطورة الإصابات في حوادث التصادم. وتحدث أسوأ الإصابات عند انقذاف الأشخاص خارج السيارة. وتقلل أحزمة الأمان من إمكانية الانقذاف خارج السيارة وخطورة 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. تكون ميزة Belt Alert نشطة 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 إشارة صوتية متقطعة 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.

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، فسيبدأ 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

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. بدءاً من دورة التشغيل التالية، لن يتم عرض رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى صيانة) طالما لا يوجد عطل بالنظام.

أنظمة تثبيت الركاب

من أهم مميزات السلامة الموجودة في سيارتك أنظمة التثبيت والتي تتضمن:

مميزات أنظمة تثبيت الركاب

- أنظمة أحزمة الأمان
- أنظمة التثبيت الإضافي (SRS) - الوسائد الهوائية
- مساند الرأس النشطة الإضافية

• أنظمة تثبيت الأطفال

قد تمثل بعض مميزات الأمان الموضحة في هذا القسم معدات قياسية في بعض الطرز، أو قد تكون معدات اختيارية في البعض الآخر. إذا كنت غير متأكد، فاسأل وكيلك معتمداً.

احتياطات السلامة الهامة

يُرجى الانتباه للمعلومات الواردة في هذا الجزء من الدليل. حيث إنها تبين لك كيفية استخدام نظام ربط الأحزمة بصورة صحيحة للحفاظ على سلامتك وسلامة الركاب بأقصى قدر ممكن.

وفي ما يلي بعض الخطوات البسيطة التي بإمكانك اتباعها لتقليل خطورة الإصابات من الوسادة الهوائية المنفتحة إلى أدنى حد ممكن:

1. يجب تثبيت إيزيم حزام الأمان دائماً للأطفال الذين تبلغ أعمارهم 12 عاماً وأقل في المقعد الخلفي في السيارة المزودة بمقعد خلفي.



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ملصق التحذير على وافي الشمس للراكب الأمامي

2. الطفل صغير الحجم الذي لا يمكنه ارتداء حزام الأمان الخاص بالسيارة بشكل صحيح (راجع "أنظمة تثبيت الأطفال" في هذا القسم للحصول على مزيد من المعلومات)، ينبغي تثبيته باستخدام نظام تثبيت أطفال مناسب أو مقعد الرفع المزودة بإمكانية تغيير وضع الحزام في وضع جلوس إلى الخلف.

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، فحرك المقعد إلى أقصى الخلف واستخدم نظام تثبيت الأطفال

المناسب (راجع "أنظمة تثبيت الأطفال" في هذا القسم للحصول على مزيد من المعلومات).

4. لا تدع الأطفال يضعون حزام الكتف خلفهم أو تحت ذراعهم أبداً.

5. ينبغي قراءة التعليمات المتوفرة مع نظام تثبيت الأطفال للتأكد من استخدام المقعد بصورة صحيحة.

6. ينبغي على جميع الركاب ربط أحزمة الأمان دوماً 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 لزم تعديل نظام الوسائد الهوائية الموجود في هذه السيارة لاستيعاب شخص معاق، فراجع قسم "مساعدة العميل" للحصول على معلومات الاتصال بخدمة العملاء.

تحذير!

- لا تستخدم مطلقاً نظام تثبيت أطفال متجهاً إلى الخلف على مقعد محمي بواسطة وسادة هوائية نشطة أمامه، إذ قد تحدث وفاة أو إصابة بالغة للطفل.

(تابع)

• التشويش بسبب الأجهزة الإلكترونية أو القيادة بالقرب من المنشآت التي تصدر عنها نفس الترددات اللاسلكية التي تصدرها مستشعرات نظام مراقبة ضغط هواء الإطارات (TPM).

• وجود كم كبير من الثلج حول العجلات أو مبيبات العجلات.

• استخدام سلاسل الإطارات في السيارة.

• استخدام عجلات/إطارات غير مزودة بمستشعرات نظام مراقبة ضغط هواء الإطارات (TPM).

ملاحظة:

لا يوجد مستشعر لمراقبة ضغط هواء الإطار 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 مضيئاً 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 15 ميلاً/ساعة (24 كم/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) أوتوماتيكياً.

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 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 جميعاً (إطارات الطريق) بمجموعات عجلات وإطارات لا تشمل 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 مزودة بمستشعرات مراقبة ضغط هواء الإطارات (TPM). قم بعد ذلك، بقيادة السيارة لمدة 20 دقيقة بسرعة أعلى من 15 ميلاً/الساعة (24 كم/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.

بدءاً 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 الأربعة (إطارات الطريق) بإطارات مزودة بمستشعرات مراقبة ضغط هواء الإطارات. قم بعد ذلك، بقيادة السيارة لمدة تصل إلى 20 دقيقة بسرعة أعلى من 15 ميلاً/الساعة (24 كم/ساعة). سيصدر نظام مراقبة ضغط هواء الإطارات (TPMS) إشارة صوتية وسيومض "ضوء

ملاحظة:

ويعد فحص ضغط جميع الإطارات بشكل منتظم من الأهمية بمكان للحفاظ على الضغط المناسب لها.

يتكون نظام مراقبة ضغط هواء الإطارات (TPMS) من المكونات التالية:

• وحدة الاستقبال

• أربعة مستشعرات لمراقبة 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 الضغط المنخفض خلال 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. راجع

"شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

ملاحظة:

يمكن ضبط النظام لعرض الضغط بوحدة رطل لكل بوصة مربعة أو بار أو كيلو باسكال.



شاشة نظام مراقبة انخفاض ضغط هواء الإطار

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 الموصى 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 أراطل لكل بوصة مربعة (28 كيلوباسكال) إضافية أعلى من ضغط هواء الإطار البارد الموصى به الوارد على الملصق لإيقاف تشغيل ضوء تحذير نظام مراقبة ضغط هواء الإطارات.

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 عشرين دقيقة بسرعة أعلى من 15 ميلًا/الساعة (24 كم/ساعة) لتلقي هذه المعلومة.

تحذير "Service TPM System" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى الصيانة)

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 عطل بالنظام. ستعرض شاشة عرض مجموعة أجهزة القياس رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط هواء الإطارات بحاجة إلى صيانة) لمدة خمس ثوانٍ على الأقل. يتبع هذه الرسالة شكل رسومي مع عرض "-" - بدلًا من قيمة (قيم) الضغط للإشارة إلى مستشعر (مستشعرات) نظام مراقبة ضغط هواء الإطارات التي لا ترسل الإشارة.

في حالة تدوير مفتاح التشغيل، سينتقل هذا التسلسل، مشيرًا إلى أن عطل بالنظام 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 بدلًا من الشرطتين. يمكن أن يحدث عطل بالنظام نتيجة لأي مما يلي:

• إن نظام مراقبة ضغط هواء الإطارات (TPMS) ليس بديلاً عن الصيانة المناسبة للإطارات، وإنه من مسؤولية السائق الاحتفاظ بضغط هواء الإطارات الصحيح باستخدام مقياس ضغط إطارات دقيق حتى إذا لم يصل الانخفاض في ضغط هواء الإطارات إلى المستوى الذي يعمل على إضاءة ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS).

• وتؤثر تغيرات درجة الحرارة الموسمية على ضغط هواء الإطارات، وسيراقب نظام مراقبة ضغط هواء الإطارات (TPMS) ضغط هواء الإطارات الفعلي.

يستخدم نظام مراقبة ضغط هواء الإطارات (TPMS) تكنولوجيا لاسلكية مع مستشعرات إلكترونية مركبة على العجلة المعدنية الداخلية لمراقبة مستويات ضغط هواء الإطارات. حيث تنقل المستشعرات المثبتة على كل عجلة كجزء من عمود الصمام قراءاتها لضغط هواء الإطارات إلى وحدة الاستقبال.



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شاشة نظام مراقبة ضغط هواء الإطارات

تنبيه! (تابع)

• قد يتسبب استخدام موانع تسرب الإطارات المباعة بالأسواق في تعطيل مستشعر نظام مراقبة ضغط هواء الإطارات (TPMS). بعد استخدام موانع تسرب الإطارات المباعة بالأسواق يُوصى باصطحاب السيارة إلى الوكيل المعتمد ليقوم بفحص وظيفة المستشعر.

• بعد القيام بفحص أو ضبط ضغط هواء الإطارات، قم دائماً بإعادة تركيب غطاء عمود الصمام. يمنع ذلك الرطوبة والقاذورات من الدخول إلى عمود الصمام، وهو الأمر الذي قد يؤدي إلى تلف مستشعر نظام مراقبة ضغط هواء الإطارات.

ملاحظة:

• لا يعني نظام مراقبة ضغط هواء الإطارات (TPMS) عن إجراءات العناية العادية بالإطارات أو صيانتها كما أنه ليس معنياً بتوفير تحذير عند حدوث تلف بالإطارات.

• لا ينصح باستخدام نظام مراقبة ضغط هواء الإطارات (TPMS) كعداد لقياس ضغط هواء الإطارات أثناء ضبط ضغط هواء الإطارات.

• 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 وإيقاعها.

كيلو باسكال (24 رطلاً في البوصة المربعة). ضغط هواء الإطار هذا منخفض بشكل يكفي لإضاءة ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS). قد تتسبب قيادة السيارة في ارتفاع ضغط هواء الإطار إلى 28 رطلاً لكل بوصة مربعة (193 كيلوباسكال) تقريباً، ولكن سيظل ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS) مضاءً في هذا الموقف، سينطفئ ضوء تحذير نظام مراقبة ضغط هواء الإطارات (TPMS) فقط بعد نفخ الإطارات إلى قيمة ضغط الإطار البارد الموصى 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 وفقاً 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. مستشعر نظام مراقبة ضغط الإطارات ليس مصمماً للاستخدام مع العجلات المتوفرة في سوق قطع الغيار وقد تساهم في أداء إجمالي ضعيف للنظام أو تلف المستشعر. يُنصح العملاء باستخدام العجلات الأصلية لضمان العمل الصحيح لميزة مراقبة ضغط الإطارات.

(تابع)

تحذير التصادم الأمامي (FCW) المفيد

إذا عرضت شاشة عرض مجموعة أجهزة القياس "ACC/FCW Limited Functionality" (وحدة التحكم في السرعة الثابتة/تحذير التصادم الأمامي ذو وظيفة مفيدة) أو "ACC/FCW Limited Functionality" (وحدة التحكم في السرعة الثابتة/تحذير التصادم الأمامي ذو وظيفة مفيدة، نظف الزجاج الأمامي) لفترة وجيزة، فقد تكون هناك حالة تقييد وظيفية وتحذير 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.

تحذير صيانة تحذير التصادم الأمامي (FCW)

إذا توقف النظام، وعرضت شاشة عرض مجموعة أجهزة القياس الرسالة التالية:

• ACC/FCW Unavailable Service Required (وحدة التحكم في السرعة الثابتة/المهانة/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.

نظام مراقبة ضغط هواء الإطارات (TPMS)

يحذر نظام مراقبة ضغط الإطارات (TPMS) السائق من انخفاض ضغط الإطارات مستندًا في ذلك إلى ضغط الإطارات البارد الموصى به.

يختلف ضغط هواء الإطارات تبعًا لدرجة الحرارة بمقدار 1 رطل في البوصة المربعة (7 كيلو باسكال) تقريبًا لكل 12 درجة فهرنهايت (6.5 درجات مئوية). ويعني ذلك أنه عند انخفاض درجة الحرارة الخارجية، ينخفض ضغط هواء الإطارات. يجب أن يكون ضغط هواء الإطارات دائمًا مضبوطًا استنادًا إلى ضغط هواء الإطارات البارد. ويُعرف ضغط انتفاخ الإطارات البارد على أنه ضغط هواء الإطارات بعد مرور ثلاث ساعات من عدم قيادة السيارة على الأقل، أو قيادتها لأقل من 1 ميل (1.6 كم) بعد فترة ثلاث ساعات. راجع "الإطارات" في "الخدمة والصيانة" للحصول على معلومات حول كيفية نفخ إطارات السيارة بشكل صحيح. يزداد ضغط هواء الإطارات أيضًا مع قيادة السيارة وهذا الأمر طبيعي ولا يجب القيام بأية عمليات ضبط لهذا الضغط الزائد.

يحذر نظام مراقبة ضغط هواء الإطارات (TPMS) السائق من انخفاض ضغط أحد الإطارات إذا انخفض ضغط هواء الإطارات عن الحد الخاص بتحذير انخفاض ضغط هواء الإطارات لأي سبب بما في ذلك تأثيرات انخفاض درجة الحرارة وفقدان الإطارات للضغط العادي له.

يستمر نظام مراقبة ضغط الإطارات في تحذير السائق بانخفاض ضغط الإطارات طالما تواجدت نفس الظروف، ولن يتوقف حتى يصل ضغط الإطارات إلى ضغط الإطارات البارد الموصى به أو أعلى من ذلك. بمجرد إضاءة ضوء تحذير انخفاض ضغط هواء الإطارات، يجب زيادة ضغط الإطارات إلى ضغط هواء الإطارات البارد الموصى به حتى ينطفئ مصباح تحذير نظام مراقبة ضغط هواء الإطارات (TPMS).

ملاحظة:

عند ملء الإطارات الدافئة، قد تكون هناك حاجة إلى زيادة ضغط هواء الإطارات إلى 4 أرطال لكل بوصة مربعة (28 كيلوباسكال) إضافية أعلى من ضغط هواء الإطارات البارد الموصى به الوارد على الملصق لإيقاف تشغيل ضوء تحذير نظام مراقبة ضغط هواء الإطارات.

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 ميلًا/الساعة (24 كم/ساعة) لتلقي هذه المعلومة.

على سبيل المثال، ضغط الإطارات البارد الموصى به الموجود على ملصق سيارتك (المتوقفة لأكثر من 3 ساعات) هو 227 كيلو باسكال (33 رطلًا لكل بوصة مربعة). إذا كانت درجة الحرارة المحيطة هي 20 درجة مئوية (68 درجة فهرنهايت) وكان ضغط هواء الإطارات المقاس هو 193 كيلو باسكال (28 رطلًا في البوصة المربعة)، فسيؤدي انخفاض درجة الحرارة إلى 7- مئوية (20 فهرنهايت) إلى خفض ضغط هواء الإطارات إلى 165

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 مهده، يجب إلغاء تنشيط نظام تحذير التصادم الأمامي (FCW) لتجنب التحذيرات غير الصحيحة إزاء الأشياء المحيطة. عند دخول السيارة نطاق الدفع الرباعي المنخفض، أو عندما يكون وضع "ESC Full-Off" (الإيقاف الكامل لنظام التحكم في الاستقرار الإلكتروني) نشطًا، فسيتم إلغاء تنشيط نظام تحذير التصادم الأمامي بشكل تلقائي.

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 إصابة بالغة أو الوفاة.

حالة وحساسية فرملة تحذير بشأن التصادم الأمامي (FCW)

يمكن برمجة حساسية تحذير بشأن التصادم الأمامي (FCW) والفرامل النشطة من خلال نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

الإعداد الافتراضي للحساسية تحذير بشأن التصادم الأمامي (FCW) هو الإعداد "متوسط" 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) تحذير 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.

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 يتيح لك الإعداد "Far" (بعيد) والإعداد "Medium" (متوسط)، والذي يسمح بتجربة قيادة أكثر ديناميكية.

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 بأخر إعداد حدده السائق بعد إيقاف تشغيل مفتاح التشغيل. سيتم 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 المهيأنة (ACC) مع عدم توفر الشاشات.

مصباح/الإشارة الصوتية لتنبيه النقاط الخفية

عند تشغيل السيارة في وضع المصباح/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، وتتناسب مع تنبيه موجود على ذلك الجانب من السيارة، يتم إصدار إشارة صوتية أيضًا. وعند وجود إشارة انعطاف وجسم تم اكتشافه على نفس الجانب في نفس الوقت، 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 ما تم اكتشافه. وعند ضرورة إصدار تنبيه صوتي، يتم كتم صوت الراديو أيضًا. يتم تجاهل حالة إشارة الانعطاف/الخطر؛ حيث دائمًا ما تطلب حالة مسار التقاطع الخلفي (RCP) إصدار إشارة صوتية.

إيقاف 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 مراقبة النقاط الخفية (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 التحذير بشأن التصادم الأمامي (FCW) مع نظام التخفيف للسائق تحذيرات صوتية وتحذيرات مرئية (في شاشة عرض مجموعة أجهزة القياس) وقد يقوم بتشغيل اهتزاز الفرامل لتحذير السائق عندما يكتشف احتمال حدوث تصادم أمامي. تهدف التحذيرات والفرملة المحدودة إلى توفير الوقت الكافي للسائق ليقيم برد الفعل وتفاذي 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 التدرجية، 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 حادث تحذير التصادم الأمامي مع نظام التخفيف بسرعة أقل من 42 كم/ساعة (26 ميلًا/ساعة)، فإن النظام يوفر أقصى فرملة أو فرملة جزئية للتخفيف من التصادم الأمامي المحتمل. إذا أوقف حادث تحذير التصادم الأمامي مع نظام التخفيف السيارة تمامًا، فسوف يقوم النظام بإيقاف السيارة تمامًا لمدة ثانيتين ثم يحرر الفرامل.



رسالة تحذير التصادم الأمامي (FCW)

عند تحديد النظام لعدم وجود احتمال بوقوع تصادم مع السيارة التي أمامك، يتم إلغاء تنشيط رسالة التحذير.

ملاحظة:

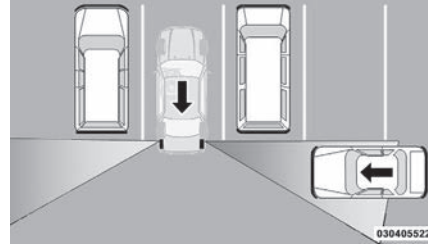
- سرعة الحد الأدنى لتنشيط تحذير التصادم الأمامي (FCW) هي 1 أميال/الساعة (2 كم/ساعة).
- قد تنطلق تنبيهات نظام تحذير التصادم الأمامي (FCW) عند اكتشاف أجسام أخرى غير السيارات مثل قضبان الحماية أو أعمدة الإشارة بناءً على تنبؤ السرعة.

تحذير!

إن نظام مراقبة النقاط الخفية يعد وسيلة للمساعدة في اكتشاف الأشياء الموجودة في مناطق النقاط غير المرئية. ولم يتم تصميم نظام مراقبة النقاط الخفية (BSM) لاكتشاف المشاة أو راكبي الدراجات أو الحيوانات. حتى في حالة تزويد سيارتك بنظام مراقبة النقاط الخفية (BSM)، احرص دائماً على التحقق من مرآيا السيارة والنظر من فوق الكف واستخدام إشارة الانعطاف قبل تغيير الحارات. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابة بالغة 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) حينئذ على رؤية واضحة للمرور المتقاطع وينبه السائق في حالة اكتشاف سيارة قادمة.



مناطق اكتشاف مسار التقاطع الخلفي (RCP)

يراقب مسار التقاطع الخلفي (RCP) مناطق الاكتشاف الخفية على كلا جانبي السيارة، بالنسبة للأشياء التي تتحرك باتجاه جانب السيارة بسرعة 5 أميال/الساعة (8 كم/ساعة) تقريباً كحد أدنى، والأشياء التي تتحرك بسرعة تبلغ نحو 20 ميلاً/الساعة (32 كم/ساعة) تقريباً 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 مسار التقاطع الخلفي (RCP) وتواجد السيارة في وضع REVERSE (الرجوع للخلف)، يتم تنبيه السائق باستخدام كلا الإنذارين المرئي والصوتي، مع خفض صوت الراديو.

تحذير!

لا يعد نظام اكتشاف مسار التقاطع الخلفي (RCP) نظاماً مساعداً للرجوع إلى الخلف. حيث إنه مصمم ليتم استخدامه في مساعدة السائق على اكتشاف السيارات القادمة في موقف السيارات. يجب أن يتوخى سائقو السيارات الحرص عند الرجوع إلى الخلف حتى عند استخدام نظام مسار التقاطع الخلفي (RCP). قم دائماً 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 إصابة بالغة أو الوفاة.

أوضاع التشغيل

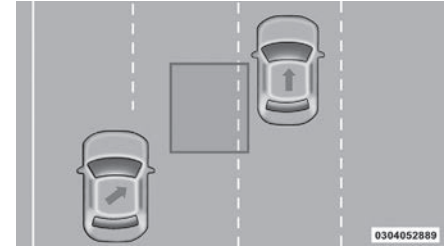
تتوافر ثلاثة أوضاع قابلة للتحديد من أوضاع التشغيل في نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

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 اعتماداً 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.

الدخول من الجانب

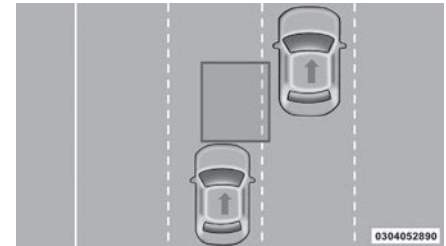
السيارات التي تدخل للحارات المجاورة لك من أحد جانبي السيارة.



مراقبة الجانب

الدخول من الخلف

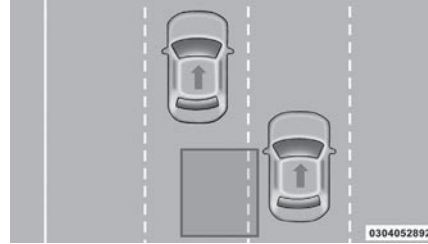
السيارات التي تأتي من خلف السيارة على أحد الجانبين وتدخل منطقة الاكتشاف الخلفية بسرعة نسبية تقل عن 48 كم/ساعة (30 ميلاً/ساعة).



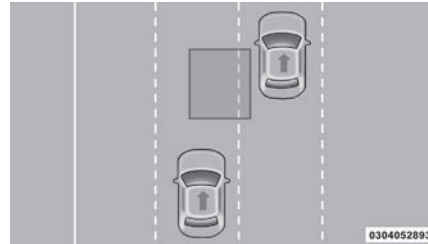
مراقبة الخلف

اللاحق بالمرور

إذا تخطيت سيارة أخرى ببطء بسرعة نسبية تقل عن 15 ميلاً/الساعة (24 كم/ساعة) وظلت السيارة في النقطة الخفية لمدة 1.5 ثانية تقريباً، فسيتم تشغيل الضوء التحذيري. وإذا تجاوز الفرق في السرعة بين السيارتين 15 ميلاً/الساعة (24 كم/ساعة)، فلن يتم تشغيل ضوء التحذير.



اللاحق/الاقتراب



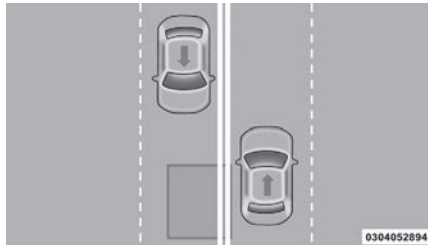
اللاحق/التجاوز

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 تنبيهاً لتلك الأشياء في بعض الأحيان. هذا أمر عادي في السيارة ولا تحتاج سيارتك إلى صيانة.



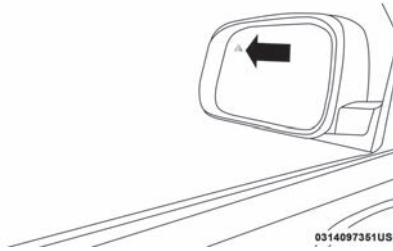
الأشياء الثابتة

لا يصدر نظام مراقبة النقاط الخفية (BSM) تنبيهاً حول الأشياء المتحركة في الاتجاه المعاكس للسيارة في الحارات المجاورة.



حركة المرور العكسية

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. راجع "أوضاع التشغيل" في هذا القسم للحصول على مزيد من المعلومات.



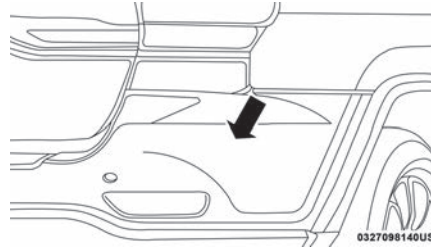
موقع ضوء التحذير

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 نظام مراقبة النقاط الخفية (BSM) تنبيهًا صوتيًا خلال هذه الأنواع من دخول المناطق.

السيارة، فقد ينتج عن ذلك اتجاهات خاطئة عشوائية في المقطورة وصافرات خاطئة عند استخدام إشارة الانعطاف.

• قد يتعرض نظام مراقبة النقاط الخفية (BSM) إلى توقف عمل (وميض) مصابيح مؤشرات التحذير في المرأة الجانبية عندما تظل دراجة نارية أو أي جسم آخر صغير موجودًا في جانب السيارة لفترات زمنية طويلة (أكثر من ثانييتين).

يجب أن تبقى المنطقة الواقعة على الواجهة الخلفية التي توجد بها مستشعرات الرادار خالية من الجليد أو الثلج والأوساخ أو التلوث الناتج عن الطريق حتى يعمل نظام مراقبة النقاط الخفية (BSM) بشكل سليم. لا تقم بإعاقة منطقة مقدمة الواجهة الخلفية التي توجد بها مستشعرات الرادار بالأشياء الغريبة (ملصقات على المصد، حوامل الدراجات، وما إلى ذلك).



موضع المستشعر

عند تشغيل السيارة، يعمل ضوء تحذير نظام مراقبة النقاط الخفية (BSM) لفترة قصيرة في كل من مرآتي الرؤية الخلفية الخارجية حتى يعرف السائق أن النظام يعمل. وتعمل مستشعرات نظام مراقبة النقاط الخفية (BSM) عندما تكون السيارة في أي ترس أمامي أو في ترس REVERSE (الرجوع للخلف).

تغطي منطقة اكتشاف مراقبة النقاط الخفية (BSM) حارة واحدة تقريبًا على كلا جانبي السيارة بمسافة 12 قدمًا (3.8 أمتار). يبدأ طول المنطقة من جانب السيارة بالقرب من العمود الفاصل بين النوافذ B، ويمتد لنحو 10 أقدام (3 أمتار) بعد المصد الخلفي للسيارة. يعمل نظام مراقبة النقاط الخفية (BSM) على مراقبة مناطق الاكتشاف على جانبي السيارة عندما تصل سرعة السيارة إلى نحو 10 كم/ساعة (6 أميال/ساعة) أو أعلى ويعمل على تنبيه السائق في هذه المناطق.

ملاحظة:

- لا يعمل نظام مراقبة النقاط الخفية (BSM) على تنبيه السائق بالسيارات المقتربة بسرعة والتي تخرج عن حيز مناطق الاكتشاف.
- 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 حالة تجاوز المقطورة أو جسم غيرها (دراجة بخارية أو معدة رياضية) لجانب

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 20 ميلًا/الساعة (32 كم/ساعة) ولكنها ظلت أقل من 40 ميلًا/الساعة (64 كم/ساعة).
- تم نقل السيارة لوضع PARK (التوقف).

تعطيل نظام التحكم في تحديد السرعة (SSC)

سيتم إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC) ويصبح معطلًا في حالة حدوث أي من الحالات التالية:

- قيام السائق بالضغط على مفتاح SSC.
- تم نقل مجموعة القيادة خارج نطاق 4WD LOW (الدفع الرباعي المنخفض).
- تم استخدام فرامل التوقف.
- باب السائق مفتوح.

• قيادة السيارة بسرعة أكبر من 20 ميلًا/الساعة (32 كم/ساعة) لمدة تزيد عن 70 ثانية.

• قيادة السيارة بسرعة أكبر من 40 ميلًا/الساعة (64 كم/ساعة) (يتم الخروج من نظام التحكم في تحديد السرعة (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).

• سوف يضيء رمز مجموعة القياس ومصباح 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 تحديد السرعة (SSC).

• سوف يومض رمز مجموعة القياس ومصباح المفتاح لعدة ثوان ثم ينطفئ عندما يقوم السائق بالضغط على مفتاح SSC ولكن لا يتم الوفاء بشروط التمكين.

• سوف يومض رمز مجموعة القياس ومصباح المفتاح لعدة ثوان ثم ينطفئ عندما يتم تعطيل نظام التحكم في تحديد السرعة (SSC) بسبب تجاوز السرعة.

• سوف يومض رمز مجموعة أجهزة القياس ومصباح المفتاح، ثم ينطفئ عند إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC) نتيجة لارتفاع حرارة الفرامل.

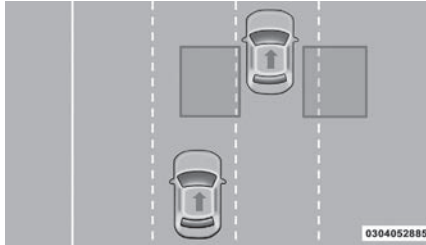
تحذير!

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 متنبهاً لظروف القيادة ويعتبر مسؤولاً عن الحفاظ على سرعة أمنة للسيارة.

أنظمة القيادة الإضافية

مراقبة النقاط الخفية (BSM) - إذا كانت السيارة مزودة بذلك

يستخدم نظام مراقبة النقاط الخفية (BSM) مستشعرين يعتمدان على الرادار، وهما موجودان داخل واجهة المصد الخلفي، لاكتشاف السيارات المرخصة للسير على الطرق السريعة (العربات والشاحنات والدراجات البخارية وما إلى ذلك) والتي تدخل في مناطق النقاط الخفية من خلف السيارة أو أمامها أو جانبها.



مناطق الاكتشاف الخفية

يشتمل نظام التحكم في تحديد السرعة (SSC) على ثلاث حالات:

1. Off (إيقاف) (الميزة غير ممكنة ولن يتم تنشيطها).
2. Enabled (ممكّنة) (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):

- القيادة في نطاق 4WD Low (الدفع الرباعي المنخفض).
- سرعة السيارة أقل من 5 أميال/الساعة (8 كم/ساعة).
- فرامل التوقف محررة.
- باب السائق مغلق.
- السائق لم يستخدم صمام الاختناق.

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.

- ناقل الحركة في أي تحديد بخلاف وضع P (التوقف).
- سرعة السيارة أقل من 32 كم/ساعة (20 ميلًا/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 لنظام التحكم في تحديد السرعة (SSC)

- 1st (التروس الأول) = 0.6 ميل/الساعة (1 كم/ساعة)
- 2nd (التروس الثاني) = 1.2 ميل/الساعة (2 كم/ساعة)
- 3rd (التروس الثالث) = 1.8 ميل/الساعة (3 كم/ساعة)
- 4th (التروس الرابع) = 2.5 ميلًا/الساعة (4 كم/ساعة)
- 5th (التروس الخامس) = 3.1 أميال/الساعة (5 كم/ساعة)
- 6th (التروس السادس) = 3.7 أميال/الساعة (6 كم/ساعة)

- 7th (التروس السابع) = 4.3 أميال/الساعة (7 كم/ساعة)

- 8th (التروس الثامن) = 5 أميال/الساعة (8 كم/ساعة)
- 9th (التروس التاسع) = 5.6 ميل/الساعة (9 كم/ساعة) - إذا كانت السيارة مزودة بذلك

- REVERSE (الرجوع إلى الخلف) = 0.6 ميل/الساعة (1 كم/ساعة)

- NEUTRAL (اللاتعشيق) = 1.2 ميلًا/الساعة (2 كم/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 التروس المحدد بواسطة ناقل الحركة. أثناء التحكم في تحديد السرعة (SSC) بصورة نشطة، سيتم نقل ناقل الحركة بصورة مناسبة للسرعة المضبوطة المحددة من قبل السائق مع ظروف القيادة المناسبة.
- يتأثر أداء نظام التحكم في تحديد السرعة (SSC) بوضع Terrain Select (تحديد التضاريس). قد يكون هذا الاختلاف واضحًا للسائق وقد يتم التنبؤ به كلما تغير مستوى الحدة.

إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC)

سيتم إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC) ولكن سيظل متاحًا في حالة حدوث أي من الحالات التالية:

- قام السائق بتجاوز السرعة المضبوطة لنظام التحكم في النزول من على المرتفعات (HDC) باستخدام صمام الاختناق أو الفرامل.
- تجاوزت سرعة السيارة 20 ميلًا/الساعة (32 كم/ ساعة) ولكنها ظلت أقل من 40 ميلًا/الساعة (64 كم/ساعة).

- السيارة على سفح منحدر بارتفاع غير كافٍ أو على سطح مسطح أو على سفح مرتفع.
- تم نقل السيارة لوضع التوقف.

تعطيل نظام التحكم في النزول من على المرتفعات (HDC)

سيتم إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC) ويصبح معطلًا في حالة حدوث أي من الحالات التالية:

- قام السائق بالضغط على مفتاح HDC.
- تم نقل مجموعة القيادة خارج نطاق 4WD LOW (الدفع الرباعي المنخفض).

• تم استخدام فرامل التوقف.

• باب السائق مفتوح.

• قيادة السيارة بسرعة أكبر من 20 ميلًا/الساعة (32 كم/ساعة) لمدة تزيد عن 70 ثانية.

• قيادة السيارة بسرعة أكبر من 40 ميلًا/الساعة (64 كم/ساعة) (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.

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).

• سوف يضيء رمز مجموعة القياس ومصباح المفتاح وتظل الإضاءة ثابتة عندما يتم تمكين نظام التحكم في النزول من على المرتفعات (HDC) أو تنشيطه. يعتبر هذا الوضع هو وضع التشغيل العادي لنظام التحكم في النزول من على المرتفعات (HDC).

• سوف يومض رمز مجموعة القياس ومصباح المفتاح لعدة ثوانٍ ثم ينطفئ عندما يقوم السائق بالضغط على مفتاح HDC ولكن لا يتم الوفاء بشروط التمكين.

• سوف يومض رمز مجموعة القياس ومصباح المفتاح لعدة ثوانٍ ثم ينطفئ عندما يتم إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC) بسبب تجاوز السرعة.

• سوف يومض رمز مجموعة القياس ومصباح المفتاح 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 (HDC) يهدف فقط إلى مساعدة السائق في التحكم بسرعة السيارة عند النزول من على المرتفعات. وعلى السائق أن يبقى متنبهًا لظروف القيادة ويعتبر مسؤولًا عن الحفاظ على سرعة آمنة للسيارة.

التحكم في تحديد السرعة (SSC) - إذا كانت السيارة

مزودة بذلك

إن نظام التحكم في تحديد السرعة (SSC) مخصص للاستخدام في الطرق غير الممهدة أثناء التواجد في نطاق 4WD Low (الدفع الرباعي المنخفض). يحافظ نظام التحكم في تحديد السرعة (SSC) على سرعة السيارة بالتحكم بصورة فعالة في عزم المحرك والفرامل.

نظام التحكم في النزول من على المرتفعات (HDC) في سرعة السيارة عن طريق التحكم النشط في الفرامل.

يشتمل نظام التحكم في النزول من على المرتفعات (HDC) 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 النزول من على المرتفعات (HDC)

يتم تمكين نظام التحكم في النزول من على المرتفعات (HDC) بالضغط على مفتاح نظام التحكم في النزول من على المرتفعات (HDC) ولكن ينبغي تحقق الشروط التالية لتمكين نظام التحكم في النزول من على المرتفعات (HDC):

- القيادة في نطاق 4WD Low (الدفع الرباعي المنخفض).
- سرعة السيارة أقل من 5 أميال/الساعة (8 كم/ساعة).
- فرامل التوقف محررة.
- باب السائق مغلق.

تم تنشيط نظام التحكم في النزول من على المرتفعات (HDC)

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 النزول من على المرتفعات (HDC) يمكن للسائق تحديدها ويمكن ضبطها باستخدام نقل التروس +/- . يلخص ما يلي السرعات المضبوطة لنظام التحكم في النزول من على المرتفعات (HDC):

السرعات المضبوطة الهدف لنظام التحكم في النزول من على 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) = 0.6 ميل/الساعة (1 كم/ساعة)
- N (اللاتشيف) = 1.2 ميل/الساعة (2 كم/ساعة)
- D (القيادة) = 0.6 ميل/الساعة (1 كم/ساعة)
- 1st (الترس الأول) = 0.6 ميل/الساعة (1 كم/ساعة)
- 2nd (الترس الثاني) = 1.2 ميل/الساعة (2 كم/ساعة)
- 3rd (الترس الثالث) = 1.8 ميل/الساعة (3 كم/ساعة)
- 4th (الترس الرابع) = 2.5 ميل/الساعة (4 كم/ساعة)

• 5th (الترس الخامس) = 3.1 أميال/الساعة (5 كم/ساعة)

• 6th (الترس السادس) = 3.7 أميال/الساعة (6 كم/ساعة)

• 7th (الترس السابع) = 4.3 أميال/الساعة (7 كم/ساعة)

• 8th (الترس الثامن) = 5.0 أميال/الساعة (8 كم/ساعة)

• 9th (الترس التاسع) = 5.6 ميل/الساعة (9 كم/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 قبل السائق مع ظروف القيادة المناسبة.

تجاوز السائق

قد يقوم السائق بتجاوز تنشيط نظام التحكم في النزول من على المرتفعات (HDC) باستخدام صمام الاختناق أو الفرامل في أي وقت.

تحذير! (تابع)

الانقلاب خاصة تلك التي تتضمن الانحراف عن الطريق أو الاصطدام بأشياء أو سيارات أخرى. يجب عدم استغلال قدرات السيارات المزودة بنظام تخفيف الانقلاب الإلكتروني (ERM) بطريقة متهوره أو خطيرة تعرض سلامة السائق أو سلامة الآخرين للخطر.

وحدة التحكم في تارجح المقطورة (TSC)

تستخدم وحدة التحكم في تارجح المقطورة (TSC) مستشعرات في السيارة لاكتشاف وجود مقطورة متأرجحة بشكل غير طبيعي وتتخذ الإجراءات المناسبة لمحاولة إيقاف التارجح. تنشط وحدة التحكم في تارجح المقطورة (TSC) أوتوماتيكياً بمجرد اكتشاف مقطورة متأرجحة بشكل غير طبيعي.

ملاحظة:

لا يمكن لوحدة التحكم في تارجح المقطورة (TSC) إيقاف تارجح جميع المقطورات. توخ الحذر دائماً عند سحب مقطورة واتباع التوصيات الخاصة بوزن لسان المقطورة. راجع "سحب المقطورة" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

عند عمل وحدة التحكم في تارجح المقطورة (TSC)، يومض 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 تارجح المقطورة. يتم تعطيل وحدة التحكم في تارجح المقطورة (TSC) عندما يكون نظام التحكم في

الاستقرار الإلكتروني (ESC) في وضع "Partial Off" (الإيقاف الجزئي) أو "Full Off" (الإيقاف الكامل).

تحذير!

إذا نشطت وحدة التحكم في تارجح المقطورة (TSC) أثناء القيادة، فقم بإبطاء السيارة وتوقف عند أقرب موقع آمن واضبط حمولة المقطورة للتخلص من التارجح الحادث بها.

تنبيه جاهزية الفرامل (RAB)

يمكن أن يعمل تنبيه جاهزية الفرامل 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 الاحتناق. سوف تجهز أداة التحكم في الفرامل الإلكترونية (EBC) نظام الفرامل للتوقف المفاجئ.

دعم فرامل المطر (RBS)

يمكن لدعم فرامل المطر تحسين أداء الفرامل في الأجواء الممطرة. حيث يقوم بشكل دوري باستخدام الفرامل بمقدار بسيط لإزالة أي ترسب للمياه على الجزء الدوار للفرامل الأمامية. تعمل عندما تكون مساحات الزجاج الأمامي في وضع السرعة LO (منخفض) أو HI (عالي). عند تنشيط دعم فرامل المطر، لا يظهر تنبيه للسائق ولا يلزم أي تدخل من جانبه.

عزم التوجيه الديناميكي (DST)

عزم التوجيه الديناميكي عبارة عن ميزة لوحدة نظام التحكم في الاستقرار الإلكتروني (ESC) ونظام التوجيه المعزز (EPS) تعمل على توفير عزم بعجلة القيادة في ظروف قيادة معينة فيها تقوم وحدة نظام التحكم في الاستقرار الإلكتروني (ESC) باكتشاف عدم استقرار السيارة. الهدف من العزم الذي تتلقاه عجلة القيادة هو فقط مساعدة السائق على إدراك طريقة التوجيه الأفضل بغية الوصول إلى/الحفاظ على استقرار السيارة. الإشعار الوحيد الذي يتلقاه السائق لإعلام بأن الميزة نشطة هو العزم الذي يتم تطبيقه على عجلة القيادة.

ملاحظة:

الهدف من ميزة عزم التوجيه الديناميكي (DST) هو فقط مساعدة السائق على إدراك الإجراء الصحيح من خلال مجموعة صغيرة من العزم تتلقاها عجلة القيادة، مما يعني أن ميزة عزم التوجيه الديناميكي (DST) تعتمد بشكل كبير حساسية السائق ورد الفعل العام تجاه العزم المطبق. من الهام للغاية إدراك أن هذه الميزة لن تقوم بتوجيه السيارة، مما يعني أن السائق لا يزال مسؤولاً عن توجيه السيارة.

نظام التحكم في النزول من على المرتفعات (HDC) —

إذا كانت السيارة مزودة بذلك

إن نظام التحكم في النزول من على المرتفعات (HDC) مخصص للاستخدام مع السرعات البطيئة 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

ضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC) وضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC)



يضيء "ESC Activation/ Malfunction Indicator Light"

(ضوء مؤشر تنشيط/تعطل نظام التحكم في الاستقرار الإلكتروني) في مجموعة أجهزة القياس عند إدارة مفتاح التشغيل إلى وضع ON (التشغيل). وينطفئ أثناء تشغيل المحرك. إذا استمر "ضوء تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ضوء مؤشر العطل" 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 أميال (كيلومترات) بسرعات أعلى من 48 كم/ساعة (30 ميلاً/ساعة)، فراجع الوكيل المعتمد بأسرع ما يمكن لتشخيص المشكلة وحلها.

يبدأ "ضوء مؤشر تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ضوء مؤشر العطل" (الموجود في مجموعة أجهزة القياس) بالوميض بمجرد فقدان الإطارات لطاقة الجر وعمل نظام التحكم في الاستقرار الإلكتروني. ويومض "ضوء تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ضوء مؤشر العطل" أيضاً عندما يكون نظام التحكم في الجر نشطاً. إذا بدأ "ضوء تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ضوء مؤشر العطل" في الوميض أثناء التسارع، فخفض الضغط على

دواسة الوقود وقلل بقدر الإمكان من استخدام صمام الاختناق. تأكد من توافق سرعتك وأسلوب قيادتك لظروف الطريق.

ملاحظة:

• يضيء كل من "ESC Activation/Malfunction Indicator Light" (ضوء مؤشر تنشيط/تعطل نظام التحكم في الاستقرار الإلكتروني) و"ESC OFF Indicator Light" (ضوء مؤشر إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني) لفترة قصيرة في كل مرة تتم فيها إدارة مفتاح التشغيل إلى وضع ON (التشغيل).

• يعمل نظام التحكم في الاستقرار الإلكتروني (ESC) في كل مرة تتم فيها إدارة مفتاح التشغيل إلى وضع ON (التشغيل) حتى إذا كان قد تم إيقافه في وقت سابق.

• يصدر عن نظام التحكم في الاستقرار الإلكتروني (ESC) صوت طنين أو نقر عندما يكون نشطاً. وهذا أمر عادي، وتتوقف الأصوات عندما يصبح نظام التحكم في الاستقرار الإلكتروني (ESC) غير نشط بعد المناورة التي تسببت في تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC).



يشير "ضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC)" إلى أن العميل اختار تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) في وضع منخفض.

نظام تخفيف الانقلاب الإلكتروني (ERM)

يتوقع هذا النظام 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). راجع "نظام التحكم في الاستقرار الإلكتروني (ESC)" في هذا القسم للحصول على شرح كامل لأوضاع نظام التحكم في الاستقرار الإلكتروني (ESC) المتوفرة.

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 (ERM) منع ارتفاع جميع العجلات أو

(تابع)

تحذير! (تابع)

يجب عدم استغلال قدرات السيارات المزودة بنظام التحكم في الاستقرار الإلكتروني (ESC) أبدًا بطريقة متهورة أو خطيرة والتي 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 سلبًا على أداء نظام التحكم في الاستقرار الإلكتروني (ESC). قد يؤثر أيضًا إجراء التغييرات على نظام التوجيه أو التعليق أو نظام الفرامل أو نوع وحجم الإطارات أو حجم العجلة بشدة على أداء نظام التحكم في الاستقرار الإلكتروني (ESC). قد تؤدي أيضًا الإطارات غير المنفخة بشكل صحيح أو المتآكلة بشكل غير متساوي في تدهور أداء نظام التحكم في الاستقرار الإلكتروني (ESC). أي عملية تعديل على 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)

ملاحظة:

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.

الإيقاف الجزئي

تم تصميم وضع "Partial Off" (الإيقاف الجزئي) ليستخدم في الأوقات التي يرغب فيها بمزيد من خبرة القيادة النشطة. قد يقوم هذا الوضع بتعديل حدود نظام التحكم في الجر (TCS) ونظام التحكم في الاستقرار الإلكتروني (ESC) للتشيط، وهو ما يسمح عادةً بالمزيد من دوران العجلات أكثر مما هو مسموح به في الطبيعي. قد يكون هذا الوضع مفيدًا إذا كانت السيارة عالقة.

للدخول في وضع "Partial Off" (الإيقاف الجزئي)، اضغط للحظات على مفتاح "ESC Off" (إيقاف نظام التحكم في الاستقرار الإلكتروني) وسيضيء "ضوء مؤشر إيقاف نظام التحكم في الاستقرار الإلكتروني". لتشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) مرة أخرى، اضغط للحظات على مفتاح "ESC Off" (إيقاف نظام التحكم في الاستقرار الإلكتروني) وسيطفئ "ضوء مؤشر إيقاف نظام التحكم في الاستقرار الإلكتروني".

ملاحظة:

بالنسبة للسيارات المزودة بأوضاع متعددة لنظام التحكم في الاستقرار الإلكتروني الجزئي (ESC)، سوف يؤدي الضغط للحظات على الزر إلى التبديل بين وضع التحكم في الاستقرار الإلكتروني (ESC). قد يلزم الضغط للحظات بصورة متكررة على الزر للعودة إلى وضع ESC On (تشغيل نظام التحكم في الاستقرار الإلكتروني).

تحذير!

• عند التواجد في وضع "Partial Off" (إيقاف الجزئي)، يتم تعطيل جزء نظام التحكم في الجر (TCS) من نظام التحكم في الاستقرار الإلكتروني (ESC)، (باستثناء ميزة "الانزلاق المحدود" الموصوفة في قسم نظام التحكم في الجر (TCS))، وسيضيء "ضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني". عند التواجد في وضع "Partial Off" (الإيقاف الجزئي)، يتم تعطيل ميزة تقليل طاقة المحرك بنظام التحكم في الجر (TCS)، يتم خفض الاستقرار المحسن للسيارة المتوفر من نظام التحكم في الاستقرار الإلكتروني (ESC).

• يكون نظام التحكم في تارجح المقطورة (TSC) معطلًا عندما يكون نظام التحكم في الاستقرار الإلكتروني (ESC) في وضع "Partial Off" (الإيقاف الجزئي).

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.
- إن نظام مساعد بدء التشغيل على المرتفعات (HSA) لا يعتبر فرامل توقف. تأكد دائمًا من التعشيق الكامل لفرامل التوقف عند الخروج من السيارة. تأكد أيضًا من ترك ناقل الحركة في وضع PARK (التوقف).
- وعدم اتباعك لهذه التحذيرات قد يتسبب في وقوع تصادم أو إصابة شخصية بالغة.

نظام التحكم في الجر (TCS)

يراقب هذا النظام مقدار دوران العجلة لجميع العجلات المستخدمة. إذا تم اكتشاف دوران العجلة، فسوف يقوم نظام التحكم في الجر (TCS) بتطبيق ضغط الفرامل على العجلة (العجلات) المنزلة و/أو تقليل طاقة المحرك لتوفير تسارع واستقرار أكبر. وهناك ميزة في نظام التحكم في الجر (TCS)، القفل التفاضلي للفرامل (BLD)، تعمل بصورة مشابهة للترس 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 باستخدام فرامل

العجلة الدائرة. وسيتيح ذلك استخدام المزيد من طاقة المحرك على العجلة التي لا تدور. قد يظل القفل التفاضلي للفرامل (BLD) ممكنًا حتى في حالة وجود نظام التحكم في الجر (TCS) ونظام التحكم في الاستقرار الإلكتروني (ESC) في وضع منخفض.

نظام التحكم في الاستقرار الإلكتروني (ESC)

يحسن هذا النظام التحكم في التوجيه واستقرار السيارة في ظروف القيادة المتنوعة. ويصحح نظام التحكم في الاستقرار الإلكتروني (ESC) السرعة الزائدة أو المنخفضة للسيارة عن طريق استعمال فرامل العجلة (العجلات) المناسبة للمساعدة في التغلب على زيادة أو انخفاض سرعة السيارة بشكل غير مطلوب. يمكن أيضًا خفض طاقة المحرك لمساعدة السيارة على الاحتفاظ بالمسار المرغوب.

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.

- السرعة الزائدة - عندما تدور سيارة بصورة أكبر من المناسبة لوضع عجلة القيادة.
- السرعة المنخفضة - عندما تدور سيارة بصورة أقل من المناسبة لوضع عجلة القيادة.

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 نظام الاستقرار الإلكتروني/نظام التحكم في الجر أيضًا عندما يكون نظام التحكم في الجر نشطًا. إذا بدأ "ضوء تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ ضوء مؤشر العطل" في الوميض أثناء التسارع، فخفض الضغط على دواسة الوقود وقلل بقدر الإمكان من استخدام صمام الاختناق. تأكد من توافق سرعتك وأسلوب قيادتك لظروف الطريق.

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 الحوادث بما في ذلك الحوادث الناتجة 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.

(تابع)

• يجب أن يكون باب السائق مغلقاً.

• يجب أن تكون السيارة على منحدرات بارتفاع كافي.

• يجب أن يتوافق اختيار الترس مع اتجاه السير على التلال للسيارة (بمعنى في حالة السيارة التي تواجه تلالاً يكون الترس في وضع السير للأمام بينما تستخدم السيارة في حالة الرجوع من التل ترس REVERSE (الرجوع للخلف)).

• يعمل مساعد بدء التشغيل على المرتفعات (HSA) في ترس REVERSE (الرجوع للخلف) وجميع التروس الأمامية. لنا ينشط النظام إذا كان ناقل الحركة في وضع PARK (التوقف) أو وضع NEUTRAL (الالتعشيق). بالنسبة للسيارات المزودة بناقل حركة يدوي، إذا تم الضغط على القابض، فسوف يظل نظام مساعد بدء التشغيل على المرتفعات (HSA) نشطاً.

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 دائماً الانتباه للمسافة بين سيارته والسيارات الأخرى والأشخاص والأشياء، والأهم من ذلك استعمال الفرامل لضمان التشغيل الآمن للسيارة في ظل جميع ظروف الطريق.

(تابع)

تحذير! (تابع)

يعتبر انتباهك الكامل مطلوب دائماً أثناء القيادة للتحكم في السيارة بشكل آمن. وعدم اتباعك لهذه التحذيرات قد يتسبب في وقوع تصادم أو إصابة شخصية بالغة.

تعطيل مساعد بدء التشغيل على المرتفعات (HSA) وتمكينه

يمكن تشغيل هذه الميزة أو إيقاف تشغيلها. لتغيير الإعداد الحالي، قم بما يلي:

• في حالة تعطيل مساعد بدء التشغيل على المرتفعات (HSA) باستخدام شاشة عرض مجموعة أجهزة القياس، راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

• في حالة تعطيل مساعد بدء التشغيل على المرتفعات (HSA) باستخدام إعدادات نظام Uconnect، راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" للحصول على مزيد من المعلومات.

بالنسبة إلى السيارات غير المزودة بشاشة عرض مجموعة أجهزة القياس، نفذ الخطوات التالية:

1. ضع عجلة القيادة في وضع مركزي (العجلات الأمامية في وضع أمامي مستقيم).

2. قم بتغيير ناقل الحركة إلى ترس PARK (التوقف).

3. اضغط على فرامل التوقف.

4. قم بتشغيل المحرك.

5. أدر عجلة القيادة قليلاً أكثر من نصف لفة إلى اليسار.

6. اضغط على زر "ESC Off" (إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني) الموجود في صف المفاتيح السفلية أسفل مفتاح التحكم في درجة الحرارة أربع مرات خلال 20 ثانية. ينبغي أن يضيء "ضوء مؤشر إيقاف نظام التحكم في الاستقرار الإلكتروني (ESC)" وينطفئ مرتين.

7. أدر عجلة القيادة مرة أخرى إلى الوضع المركزي ثم أكثر من نصف دورة إضافية قليلاً إلى اليمين.

8. أدر مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل)، ثم أعدّه إلى وضع ON (التشغيل). إذا تم إكمال هذا التسلسل بشكل صحيح، فسيومض "ضوء مؤشر إيقاف نظام التحكم في الاستقرار الإلكتروني (ESC)" عدة مرات لتأكيد تعطيل نظام مساعد بدء التشغيل على المرتفعات (HSA).

9. كرر هذه الخطوات إذا كنت ترغب في إعادة هذه الميزة إلى إعدادها السابق.

السحب مع استخدام مساعد بدء التشغيل على المرتفعات (HSA)

كما يوفر نظام مساعد بدء التشغيل على المرتفعات (HSA) المساعدة في تخفيف انزلاق السيارة عند سحب مقطورة.

النظام الإلكتروني للتحكم في الفرامل

تم تجهيز سيارتك بنظام تحكم إلكتروني في الفرامل (EBC) متقدم. هذا النظام يتضمن نظام توزيع قوة الفرامل الإلكتروني (EBD)، ونظام الفرامل المانعة للانغلاق (ABS)، ونظام مساعد الفرامل (BAS) ومساعد بدء التشغيل على المرتفعات (HSA) ونظام التحكم في الجر (TCS) ونظام التحكم في الاستقرار الإلكتروني (ESC)، ونظام تخفيف الانقلاب الإلكتروني (ERM). تعمل هذه الأنظمة معًا لتحسين كل من استقرار السيارة وإمكانية التحكم بها في ظروف القيادة المختلفة.

قد تكون سيارتك مزودة أيضًا بوحدة التحكم في تارجح المقطورة (TSC) وتبنيها جاهزية الفرامل (RAB) ودعم فرامل المطر (RBS) وعزم التوجيه الديناميكي (DST) ونظام التحكم في النزول من على المرتفعات (HDC) ونظام التحكم في تحديد السرعة (SSC).

نظام توزيع قوة الفرامل الإلكتروني (EBD)

تعمل هذه الوظيفة 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.

ضوء تحذير نظام الفرامل

ويظهر "ضوء تحذير نظام الفرامل" الأحمر عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) وقد يستمر في الإضاءة لمدة 4 ثوانٍ تقريبًا.

تحذير!

لا يستطيع نظام مساعد الفرامل (BAS) 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 متهوررة أو خطيرة والتي قد تعرض سلامة السائق أو سلامة الآخرين للخطر.

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 (HSA) في الاحتفاظ بضغط الفرامل لفترة قصيرة. إذا لم يستخدم السائق صمام الاحتناق في هذه الفترة القصيرة، فسوف يحرر النظام ضغط الفرامل وتبدأ السيارة في الدوران والنزول من فوق المرتفع بالشكل المعتاد.

يجب الوفاء بالشرط 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.

مميزات السلامة

نظام الفرامل المانعة للانغلاق (ABS)

يزيد نظام الفرامل المانعة للانغلاق (ABS) من استقرار السيارة ومن أداء الفرامل في أغلب حالات استخدامها. 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 القفل. قد تزيد ظروف الطريق مثل الثلج أو الجليد أو الحصى أو الحواجز أو قضبان السكك الحديدية أو الأثرية الرخوة أو مرات الوقوف المفاجئة من احتمال تنشيط نظام الفرامل المانعة للانغلاق.

أيضًا قد تواجه ما يلي عند تنشيط نظام الفرامل المانعة للانغلاق:

- ضوضاء في موتور نظام الفرامل المانعة للانغلاق (قد يستمر بالعمل لفترة قصيرة بعد التوقف).
- صوت طقطقة من صمامات الملف الكهربي.
- اهتزاز دواسة الفرامل.
- انخفاض طفيف في دواسة الفرامل في نهاية التوقف.

وتعتبر هذه من الخصائص الطبيعية لنظام الفرامل المانعة للانغلاق (ABS).

تحذير!

- يحتوي نظام الفرامل المانعة للانغلاق (ABS) 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 ضحك الفرامل المانعة للانغلاق يقلل من فعاليتها وقد يسبب ذلك وقوع تصادم. فضح 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.
- ولا يستطيع نظام الفرامل المانعة للانغلاق (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.

(تابع)

تحذير! (تابع)

- يجب عدم استغلال قدرات السيارات المزودة بنظام الفرامل المانعة للانغلاق (ABS) بطريقة متهوره أو خطيرة والتي قد تعرض سلامة المستخدم أو سلامة الآخرين للخطر.

تم تصميم نظام الفرامل المانعة للانغلاق لتعمل مع إطارات الجهة المصنعة للأجهزة الأصلية. قد ينجم عن التعديل تدهور في أداء نظام الفرامل المانعة للانغلاق.

ضوء تحذيري بشأن الفرامل المانعة الانغلاق

يظهر "الضوء التحذيري بشأن الفرامل المانعة الانغلاق" الأصفر عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) وقد يستمر في الإضاءة لمدة أربع ثوان تقريبًا.

وإذا استمر "ضوء تحذيري بشأن الفرامل المانعة الانغلاق" 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 طبيعية إذا أضاء "مصباح تحذير الفرامل المانعة للانغلاق".

إذا ظهر "ضوء تحذيري بشأن الفرامل المانعة الانغلاق"، فينبغي صيانة نظام الفرامل في أسرع وقت ممكن لاسترجاع مزايا الفرامل المانعة للانغلاق. إذا لم يضيء "ضوء تحذيري بشأن الفرامل المانعة الانغلاق" عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)، فيجب إصلاح المصباح في أقرب وقت ممكن.

السلامة

- ميزات السلامة ١٠٢
- نظام الفرامل المانعة للانغلاق (ABS) ١٠٢
- النظام الإلكتروني للتحكم في الفرامل ١٠٣
- أنظمة القيادة الإضافية ١١٢
- مراقبة النقاط الخفية (BSM) - إذا كانت السيارة مزودة بذلك ١١٢
- تحذير التصادم الأمامي (FCW) مع نظام التخفيف ١١٦
- نظام مراقبة ضغط هواء الإطارات (TPMS) ١١٨
- أنظمة تثبيت الركاب ١٢٢
- ميزات أنظمة تثبيت الركاب ١٢٢
- احتياطات السلامة الهامة ١٢٢
- أنظمة أحزمة الأمان ١٢٣
- أنظمة التثبيت الإضافية (SRS) ١٣٠
- أنظمة تثبيت الأطفال - نقل الأطفال بأمان ١٣٨
- نقل الحيوانات الأليفة ١٤٩
- نصائح السلامة ١٤٩
- نقل الركاب ١٤٩
- غاز العادم ١٤٩
- فحوص السلامة التي يجب إجراؤها داخل السيارة ١٥٠
- فحوص السلامة الدورية التي يجب إجراؤها خارج السيارة ١٥١

3. وبعد مرور 15 ثانية تقريبًا، سيحدث أحد أمرين:

- سيومض ضوء مؤشر العطل (MIL) لمدة عشر ثوان تقريبًا ثم يعود للإضاءة بالكامل حتى تقوم بوضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل) أو تشغيل المحرك. وهذا يعني أن نظام الفحص الذاتي OBD II ليس جاهزًا وأنه يجب عليك عدم الانتقال إلى محطة I/M.

- لن يومض ضوء مؤشر العطل (MIL) على الإطلاق وسيظل مضاءً بشكل كامل حتى تقوم بوضع مفتاح التشغيل في وضع إيقاف التشغيل أو تشغيل المحرك. وهذا يعني أن نظام الفحص الذاتي OBD II في السيارة جاهز ويمكنك الانتقال إلى محطة I/M.

إذا كان نظام الفحص الذاتي OBD II غير جاهز، فيجب الرجوع إلى الوكيل المعتمد أو ورشة الإصلاح. إذا كان قد تم صيانة سيارتك حديثًا أو تلفت بطاريتها أو تم استبدال بطاريتها حديثًا، فلن تحتاج إلى القيام بأكثر من قيادة السيارة كالمعتاد لكي يتم تحديث نظام الفحص الذاتي OBD II. وقد تشير عملية إعادة الفحص باستخدام الاختبار المذكور أعلاه إلى أن النظام جاهز.

وبغض النظر عما إذا كان نظام الفحص الذاتي OBD II جاهزًا أم لا، إذا أضاء ضوء مؤشر العطل (MIL) أثناء التشغيل العادي للسيارة، فيجب صيانة سيارتك قبل الانتقال إلى محطة I/M. قد تعمل محطة I/M على إحداث خلل بسيارتك لأن ضوء مؤشر العطل (MIL) مضاءً أثناء تشغيل المحرك.

نظام الفحص الذاتي - OBD II

السيارة مزودة بنظام فحص ذاتي متطور يطلق عليه اسم OBD II. حيث يراقب هذا النظام مستوى الانبعاثات وأداء المحرك وأنظمة التحكم في ناقل الحركة الأوتوماتيكي. وعندما تعمل هذه الأنظمة بطريقة صحيحة، فإن ذلك يؤدي إلى ارتفاع مستوى أداء السيارة ويؤثر إيجابياً على اقتصاديات استهلاك الوقود، إضافة إلى أنه يتحكم في الانبعاثات وفقاً للقواعد الحكومية الراهنة.

وإذا تطلب الأمر إجراء بعض أعمال الصيانة لأي من هذه الأنظمة، فيقوم نظام OBD II بتشغيل "ضوء مؤشر العطل (MIL)". كما يقوم هذا النظام أيضاً بتخزين رموز تشخيصية ومعلومات أخرى لمساعدة فني الخدمة على إجراء الإصلاحات. وبالرغم من إمكانية قيادة السيارة دون الحاجة إلى السحب، فإنه يجب الرجوع إلى الوكيل المعتمد لإجراء صيانة في أقرب وقت ممكن.

تنبيه!

- تؤدي قيادة السيارة لفترات طويلة مع إبقاء الأضواء قيد التشغيل إلى حدوث تلف في نظام التحكم في الانبعاثات. كما قد تؤثر أيضاً على اقتصاديات استهلاك الوقود والقدرة على القيادة. يجب صيانة السيارة قبل إجراء أي فحوص للانبعثات.
- 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 (Cybersecurity OBD II)

يقتضي الأمر أن تتضمن السيارة نظام الفحص الذاتي (OBD II) ومنفذ اتصال لإتاحة الوصول إلى المعلومات المتعلقة بأداء مفاتيح التحكم في الانبعاثات. قد يحتاج فنيو الصيانة المعتمدين إلى الوصول إلى هذه المعلومات للمساعدة في تشخيص سيارتك ونظام الانبعاثات وصيانتها.

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 للأخرين بالوصول، إلى المعلومات المخزنة في أنظمة السيارة، بما في ذلك المعلومات الشخصية.

لمزيد من المعلومات، راجع "نظام Cybersecurity" في "الوسائط المتعددة".

برامج فحص الانبعاثات وصيانتها

في بعض المناطق، قد يكون من المتطلبات القانونية اجتياز فحص لنظام التحكم بالانبعاثات في سيارتك. ويؤدي عدم اجتياز هذا الفحص إلى منع تسجيل السيارة.

في الوضع المعتاد، سيكون نظام الفحص



الذاتي OBD II جاهزاً. قد لا يكون نظام الفحص الذاتي OBD II جاهزاً إذا كان قد

تم صيانة سيارتك حديثاً أو إذا كانت لديك

بطارية فارغة الشحن حديثاً أو إذا كان قد تم استبدال البطارية حديثاً. إذا تم تحديد أن نظام الفحص الذاتي OBD II بسيارتك غير جاهز لاجتياز الفحص والأداء، فقد تفشل سيارتك في اجتياز الاختبار.

تتميز سيارتك بإمكانية إجراء اختبار بسيط لها باستخدام مفتاح التشغيل، والذي يمكنك استخدامه قبل الذهاب إلى محطة الاختبار. للتحقق مما إذا كان نظام الفحص الذاتي OBD II جاهزاً بسيارتك أم لا، يجب القيام بما يلي:

1. أدر مفتاح التشغيل إلى وضع ON (التشغيل)، لكن لا تقم بتدوير المحرك أو بدء تشغيله.

ملاحظة:

إذا قمت بتدوير المحرك أو تشغيله، فسيتم عليك إعادة هذا الاختبار.

2. بمجرد إدارة مفتاح التشغيل إلى وضع ON (التشغيل)، سترى رمز ضوء مؤشر العطل (MIL) يظهر كجزء من الفحص بالمصباح.

٤٢ - 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 المصباح في حالة إضاءة مستمرة عند تنشيط نظام التحكم في النزول من على المرتفعات (HDC). يمكن تشغيل نظام التحكم في النزول من على المرتفعات (HDC) فقط عندما تكون علبه النقل في وضع "الدفع الرباعي المنخفض" وانخفاض سرعة السيارة عن 48 كم/ساعة (30 ميلا/ساعة). إذا لم يتم الوفاء بهذه الشروط أثناء محاولة استخدام نظام التحكم في النزول من على المرتفعات (HDC)، فسبب ضوء مؤشر نظام التحكم في النزول من على المرتفعات ويتوقف عن الوميض.

٤٣ - ضوء مؤشر LaneSense - إذا كانت السيارة مزودة بذلك

عندما يكون نظام LaneSense (استشعار الحارة) في وضع التشغيل ولكن لم يتم تنشيطه، يضيء مؤشر LaneSense (استشعار الحارة) 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، يكون النظام جاهزًا لتوفير تحذيرات مرئية فقط في حالة حدوث مغادرة غير مقصودة لحرارة السير التي تم بها اكتشاف خط الحارة.

راجع "نظام LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك" في "البدء والتشغيل" للتعرف على مزيد من المعلومات.

٥٥ - ضوء مؤشر تحذير السرعة - إذا كانت السيارة مزودة بذلك

عند تشغيل تحذير السرعة المضبوطة، سيضيء المصباح التحذيري الخاص بالسرعة في مجموعة أجهزة القياس، مع رقم يوافق السرعة المضبوطة. عند تجاوز السرعة المضبوطة، ستصدر صافرة واحدة مع رسالة منبثقة لتجاوز تحذير السرعة.

عند تجاوز السرعة المضبوطة، سيضيء المؤشر باللون الأصفر ويومض مع وجود صافرة مستمرة (حتى عشر ثوانٍ أو حتى يتوقف تجاوز السرعة). لن يتحول المؤشر إلى اللون الأصفر وسيومض باللون الأصفر مع وجود صافرة مستمرة إلا إذا تم تجاوز السرعة بمقدار 3 كم/الساعة (1.9 ميل/الساعة) أو أكثر.

يمكن تشغيل تحذير السرعة وإيقاف تشغيله من شاشة عرض مجموعة أجهزة القياس. للحصول على مزيد من المعلومات، راجع "عناصر القائمة في شاشة مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس".

ملاحظة:

يعتبر الرقم "55" مثالًا فقط لسرعة يمكن ضبطها.

٥٦ - ضوء مؤشر جاهزية التحكم في السرعة الثابتة

سيضيء هذا الضوء عند تشغيل نظام التحكم في السرعة، ولكن لم يتم ضبطه. راجع "نظام التحكم في السرعة - إذا كانت السيارة مزودة بذلك" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

٥٧ - ضوء مؤشر نظام التحكم في تحديد السرعة - إذا كانت السيارة مزودة بذلك

يضيء هذا الضوء عند تنشيط "نظام التحكم في تحديد السرعة".

لتنشيط "نظام التحكم في تحديد السرعة"، تأكد أن السيارة هي سيارة دفع رباعي منخفض (4WD) 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" (للإدخال نقل تحديد السرعة إلى الدفع الرباعي المنخفض) في شاشة عرض مجموعة أجهزة القياس.

أضواء مؤشر باللون الأزرق


٥٨ - 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، هذا هو سيناريو "الضوء الوامض للتجاوز".


أضواء مؤشرات باللون الأخضر

 - ضبط وحدة التحكم في السرعة الثابتة المهيأنة (ACC) مع ضوء مؤشر عدم اكتشاف هدف - إذا كانت السيارة مزودة بذلك


يضيء هذا الضوء عند ضبط وحدة التحكم في السرعة الثابتة المهيأنة ولا يتم اكتشاف أي سيارة مستهدفة. راجع "وحدة التحكم في السرعة الثابتة المهيأنة (ACC) - إذا كانت السيارة مزودة بذلك" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

 — ضبط وحدة التحكم في السرعة الثابتة المهيأنة (ACC) مع ضوء الهدف - إذا كانت السيارة مزودة بذلك


يتم عرض ذلك عند ضبط وحدة التحكم في السرعة الثابتة المهيأنة (ACC) واكتشاف سيارة مستهدفة. راجع "وحدة التحكم في السرعة الثابتة المهيأنة (ACC) - إذا كانت السيارة مزودة بذلك" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

 — ضوء مؤشر ضبط التحكم في السرعة — إذا كانت السيارة مزودة بذلك

سيضيء ضوء المؤشر هذا عند ضبط نظام التحكم في السرعة الثابتة على السرعة المطلوبة. راجع "التحكم في السرعة" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

 - ضوء مؤشر الضباب الأمامي - إذا كانت السيارة مزودة بذلك

سيضيء ضوء المؤشر هذا عندما تكون مصابيح الضباب الأمامية مضاءة.

 — ضوء مؤشر LaneSense - إذا كانت السيارة مزودة بذلك


يضيء ضوء مؤشر LaneSense (استشعار الحارة) باللون الأخضر الثابت عند اكتشاف علامتي الحارة وعندما يكون النظام "منشطًا" وجاهزًا لتوفير تحذيرات مرئية وتحذيرات بشأن العزم إذا حدثت مغادرة للحارة بشكل غير مقصود.

راجع "نظام LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك" في "البدء والتشغيل" للتعرف على مزيد من المعلومات.

 - ضوء مؤشر تشغيل مصابيح التوقف/الأضواء الأمامية

سيضيء ضوء المؤشر هذا عندما تكون أضواء التوقف أو الأضواء الأمامية في حالة تشغيل.

 - ضوء مؤشر وضع Sport (الرياضة) سيضيء هذا الضوء عندما يكون وضع Sport (الرياضة) نشطًا.

 (A) - ضوء مؤشر تنشيط الإيقاف/بدء التشغيل - إذا كانت السيارة مزودة بذلك

يضيء ضوء المؤشر هذا عندما تكون وظيفة Stop/Start (الإيقاف/بدء التشغيل) في وضع "Autostop" (التوقف الأوتوماتيكي).


 — أضواء مؤشر إشارة الانعطاف

عند تنشيط إشارة الانعطاف اليمنى أو اليسرى، سيومض مؤشر إشارة الانعطاف بصورة مستقلة كما ستومض مصابيح إشارة الانعطاف الخارجية المناظرة. 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 ميل (1.6 كم) أثناء عمل أي من إشارتي الانعطاف.
- ابحث عن لمبة الضوء الخارجي المعيبة إذا ومض أي من المؤشرين بسرعة عالية.

أضواء مؤشرات باللون الأبيض

 - ضوء جاهزية وحدة التحكم في السرعة الثابتة المهيأنة (ACC) - إذا كانت السيارة مزودة بذلك

سيضيء هذا الضوء عندما يتم تشغيل وحدة التحكم في السرعة الثابتة المهيأنة (ACC) المتوفرة في السيارة، ولكن لم يتم ضبطها. راجع "وحدة التحكم في السرعة الثابتة المهيأنة (ACC) - إذا كانت السيارة مزودة بذلك" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

OFF RD 2 — ضوء مؤشر طريق غير مههد 2 بنظام

التعليق الهوائي - إذا كانت السيارة مزودة بذلك
يضئ هذا المصباح عند ضبط نظام التعليق الهوائي على
إعداد طريق غير مههد 2.

OFF — ضوء مؤشر إيقاف تشغيل تحذير التصادم

الأمامي - إذا كانت السيارة مزودة بذلك
يضئ ضوء المؤشر هذا للإشارة إلى إيقاف تشغيل تحذير
بشأن التصادم الأمامي.

4WD LOW — ضوء مؤشر الدفع الرباعي (4WD) المنخفض

- إذا كانت السيارة مزودة بذلك
ينبه هذا الضوء السائق بأن السيارة في وضع الدفع الرباعي
المنخفض. يتم قفل عمودي التوجيه الأمامي والخلفي
ميكانيكياً لإجبار العجلات الأمامية والخلفية على الدوران
بنفس السرعة. يوفر النطاق المنخفض نسبة أعلى لتخفيض
التروس من أجل زيادة قوة العزم للعجلات.

راجع "تشغيل نظام الدفع الرباعي" - إذا كانت السيارة
مزودة بذلك في "البدء والتشغيل" لمزيد من المعلومات حول
تشغيل الدفع الرباعي والاستخدام الصحيح له.

NEUTRAL — ضوء مؤشر الوضع NEUTRAL (المحايد)

- إذا كانت السيارة مزودة بذلك
يعمل هذا الضوء على تنبيه السائق إلى أن علية النقل القدرة
الخاصة بنظام الدفع الرباعي (4WD) في وضع
NEUTRAL (اللاتعشيق) وأن عمودي التوجيه الأمامي
والخلفي قد تم إلغاء تعشيقيهما من مجموعة نقل الحركة.

Ⓜ — مؤشر الضباب الخلفي — إذا كانت السيارة

مزودة بذلك

سيضيء ضوء المؤشر هذا عندما تكون مصابيح الضباب
الخلفية مضاءة.

Ⓜ — ضوء انتظار بدء التشغيل — إذا كانت

السيارة مزودة بذلك

سيضيء هذا المؤشر لمدة ثانيتين تقريباً عند إدارة مفتاح
التشغيل إلى وضع RUN (الانطلاق). قد تكون المدة أطول
بناءً على ظروف التشغيل البارد. لن يبدأ تشغيل السيارة
حتى يخفئ المؤشر.

راجع "بدء تشغيل المحرك" في "البدء والتشغيل" للحصول
على مزيد من المعلومات.

ملاحظة:

قد لا يضيء "Wait To Start" (انتظار بدء التشغيل) إذا
كانت درجة الحرارة مشعب المدخل دافئة لدرجة كافية.

Ⓜ — ضوء مؤشر انخفاض إضافات انبعاثات عام

الديزل AdBlue (UREA) - إذا كانت السيارة

مزودة بذلك

يضئ ضوء مؤشر انخفاض إضافات انبعاثات عام
الديزل AdBlue (UREA) عند انخفاض مستوى
AdBlue (UREA).

قم بملء خزان AdBlue (UREA) في أسرع وقت ممكن
بمقدار لا يقل عن 1.3 جالون (5 لترات) من AdBlue
(UREA).

إذا تم ملء الخزان وأصبح المدى المتبقي من AdBlue
(UREA) في الخزان يساوي صفراً، فقد يتعين عليك
الانتظار دقيقتين قبل بدء تشغيل السيارة.

راجع "البدء والتشغيل" للتعرف على مزيد من المعلومات.

Ⓜ - ضوء مؤشر وجود ماء في الوقود - إذا كانت

السيارة مزودة بذلك

يضئ "Water In Fuel Indicator Light" (ضوء
مؤشر وجود ماء في الوقود) عند اكتشاف وجود ماء في
فلتر الوقود. إذا ظل هذا المصباح مضاءً، فلا تقم بتشغيل
السيارة قبل تصريف الماء من فلتر الوقود لتجنب تلف
المحرك، ويُرجى زيارة الوكيل المعتمد.

تنبيه!

قد يتسبب وجود الماء في دائرة نظام الوقود في حدوث
تلف خطير في نظام الحقن وتشغيل مضطرب للمحرك.
إذا أضاء ضوء المؤشر، فاتصل بوكيل معتمد في أقرب
وقت ممكن لتصريف النظام. إذا ظهرت العلامات
الواردة أعلاه بعد التزوّد بالوقود مباشرة، فهذا على
الأرجح يعني أنه تم سكب ماء داخل الخزان: أوقف
تشغيل المحرك على الفور واتصل بوكيل معتمد.

المصيبة للسيارة على ملصق السيارة أو ملصق ضغط انتفاخ الإطار. (إذا كانت سيارتك تحتوي على إطارات بأحجام مختلفة عن تلك المشار إليها على ملصق السيارة أو ملصق ضغط انتفاخ الإطار، فيجب عليك تحديد ضغط انتفاخ الإطار المناسب لهذه الإطارات.)

كميزة أمان إضافية، تم تزويد سيارتك بنظام مراقبة ضغط هواء الإطارات (TPMS) الذي يضيء ضوء تحذير انخفاض ضغط هواء الإطارات عندما يكون مستوى انتفاخ واحد أو أكثر من إطارات سيارتك أقل من مستوى الانتفاخ القياسي بصورة كبيرة. 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.

يرجى ملاحظة أن نظام مراقبة ضغط هواء الإطارات (TPMS) لا يعد بديلاً عن الصيانة المناسبة للإطار واعلم أنها مسؤولية السائق الحفاظ على ضغط هواء الإطار الصحيح حتى إذا لم يصل الانخفاض في ضغط هواء الإطار إلى مستوى يطلق إشارة انخفاض ضغط هواء الإطار لنظام مراقبة ضغط هواء 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

هواء 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 المتابعة طالما ظل العطل موجودًا. عندما يضيء مؤشر العطل، قد لا يتمكن النظام من اكتشاف أو الإشارة إلى انخفاض ضغط هواء الإطار كما يجب. قد يحدث خلل في نظام مراقبة ضغط هواء الإطارات 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.

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 وفقًا 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 المباعية بالأسواق في حدوث تلف للمستشعر. قد يتسبب استخدام موانع تسرب الإطارات المباعية بالأسواق في

(تابع)

تنبيه! (تابع)

تعطيل مستشعر نظام مراقبة ضغط هواء الإطارات (TPMS). بعد استخدام موانع تسرب الإطارات المباعية بالأسواق، يُوصى بالصحاب السيارة إلى الوكيل المحلي ليفحص وظيفة المستشعر.

أضواء المؤشرات باللون الأصفر

🚗 🚗 — ضوء مؤشر التعليق الهوائي النشط —
إذا كانت السيارة مزودة بذلك
يضيء هذا الضوء عندما يضبط نظام التعليق الهوائي ارتفاع الركوب.

🚗 🚗 — ضوء مؤشر الدخول/الخروج للتعليق الهوائي
- إذا كانت السيارة مزودة بذلك
سيضيء هذا المصباح عند خفض السيارة أوتوماتيكيًا من وضع ارتفاع القيادة إلى أسفل من أجل تسهيل عملية الدخول إلى السيارة والخروج منها.

AERO — ضوء مؤشر ارتفاع القيادة الديناميكي الهوائي
لنظام التعليق الهوائي - إذا كانت السيارة مزودة بذلك
يضيء هذا الضوء عند ضبط نظام التعليق الهوائي على الإعداد الديناميكي الهوائي.

OFFROAD - ضوء مؤشر طريق غير ممهد 1 بنظام التعليق
الهوائي - إذا كانت السيارة مزودة بذلك
يضيء هذا المصباح عند ضبط نظام التعليق الهوائي على إعداد طريق غير ممهد 1.

RUN (التشغيل/الانطلاق) قبل تشغيل المحرك. إذا لم يضيء 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.

عند تدوير المحرك، قد يومض ضوء مؤشر العطل (MIL) للتنبيه بوجود ظروف خطيرة 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 أعلاه، إلى درجات حرارة أعلى من درجات الحرارة في ظروف التشغيل العادية. يمكن أن يسبب ذلك حريقاً 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 أيضاً على معدل ترشيد استهلاك الوقود وإمكانية القيادة. وإذا كان ضوء 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.

SWV 4WD - ضوء تحذيري لخدمة نظام الدفع الرباعي

(4WD) - إذا كانت السيارة مزودة بذلك

سيضيء ضوء التحذير هذا للإشارة إلى وجود عطل في نظام الدفع الرباعي (4WD). إذا ظل الضوء قيد التشغيل أو أضاء أثناء القيادة، فإن ذلك يعني أن نظام الدفع الرباعي لا يعمل بشكل صحيح ويلزم صيانته. ننصحك بالقيادة إلى أقرب مركز خدمة وصيانة السيارة على الفور.

⚠️ - مصباح صيانة تحذير التصادم الأمامي

(FCW) - إذا كانت السيارة مزودة بذلك

سيضيء ضوء التحذير هذا للإشارة إلى وجود عطل في نظام التحذير بشأن التصادم الأمامي. راجع الوكيل المعتمد لديك للحصول على الصيانة.

راجع "تحذير بشأن التصادم الأمامي (FCW)" في "الأمان" للحصول على مزيد من المعلومات.

(A) - ضوء تحذير نظام إيقاف/بدء الخدمة - إذا

كانت السيارة مزودة بذلك

سيضيء هذا الضوء التحذيري عندما لا يعمل نظام الإيقاف/البداية 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 ويتم عرض رسالة للإشارة إلى أن ضغط هواء الإطارات 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 حالة وجود إطار واحد أو أكثر من الإطارات في الحالة المذكورة أعلاه، ستعرض الشاشة مؤشرات مناظرة لكل إطار.

تنبيه!

لا تستمر في القيادة مع وجود إطار أو أكثر من الإطارات المفرغة من الهواء حيث قد يتأثر أداءها. 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) شهرياً عندما تكون الإطارات باردة ومنفخة إلى ضغط الانتفاخ الموصى به من الجهة

⚠️ - ضوء تحذيري بشأن إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) - إذا كانت السيارة مزودة بذلك

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) أو ACC/ON/RUN (الملحقات/التشغيل/الانطلاق) حتى إذا كان قد تم إيقافه في وقت سابق.

⚠️ - ضوء تحذيري نشط بشأن نظام التحكم في الاستقرار الإلكتروني (ESC) - إذا كانت السيارة مزودة بذلك

سيشير ضوء التحذير هذا إلى تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC). سيضيء "ضوء مؤشر نظام التحكم في الاستقرار الإلكتروني (ESC) الموجود في مجموعة أجهزة القياس عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) أو ACC/ON/RUN (الملحقات/التشغيل/الانطلاق) وذلك عندما يكون نظام التحكم في الاستقرار الإلكتروني (ESC) نشطًا. وينطفئ 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 ميلًا/ساعة)، فراجع الوكيل المعتمد بأسرع ما يمكن لتشخيص المشكلة وحلها.

• يضيء كل من "ضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC)" و"ضوء مؤشر نظام التحكم في الاستقرار الإلكتروني (ESC)" لفترة قصيرة في كل مرة يتم فيها إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) أو ACC/ON/RUN (الملحقات/التشغيل/الانطلاق).

• يصدر عن نظام التحكم في الاستقرار الإلكتروني (ESC) صوت طنين أو نقر عندما يكون نشطًا. وهذا أمر عادي؛ ستوقف 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 تحذيري لصيانة نظام LaneSense (استشعار الحرارة) - إذا كانت السيارة مزودة بذلك

سيضيء هذا الضوء التحذيري عندما يكون نظام LaneSense (استشعار الحرارة) لا يعمل ويحتاج إلى الصيانة. يُرجى مراجعة الوكيل المعتمد.

⚠️ - ضوء تحذيري خاص بنظام LaneSense (استشعار الحرارة) - إذا كانت السيارة مزودة بذلك

سيكون ضوء تحذير نظام LaneSense (استشعار الحرارة) ثابتًا باللون الأصفر عند اقتراب السيارة من علامة حرارة السير. سيومض ضوء التحذير عند عبور السيارة لعلامة حارة السير.

راجع نظام LaneSense (استشعار الحرارة) - إذا كانت السيارة مزودة بذلك في "البدء والتشغيل" للتعرف على مزيد من المعلومات.

⚠️ - ضوء تحذيري خاص بغطاء فتحة تعبئة الوقود غير محكم الغلق - إذا كانت السيارة مزودة بذلك

يضيء ضوء التحذير هذا عندما يكون غطاء فتحة تعبئة الوقود غير محكم الغلق. أغلق غطاء فتحة تعبئة الوقود لفصل الضوء بشكل صحيح. إذا لم يتم إيقاف تشغيل الضوء، فيرجى مراجعة الوكيل المعتمد.

⚠️ - ضوء تحذير انخفاض مستوى الوقود

عندما يصل مستوى الوقود إلى ما يقرب من 2.4 جالونًا (9.1 لترًا)، يضيء هذا الضوء ويبقى مضاءً حتى يعاد تزويد السيارة بالوقود.

ستنتقل صافرة تحذير واحدة مع تحذير انخفاض مستوى الوقود.

⚠️ - ضوء تحذيري خاص بانخفاض سائل الغاسلة - إذا كانت السيارة مزودة بذلك

سيضيء ضوء التحذير هذا عند انخفاض مستوى سائل غاسلة الزجاج الأمامي.

⚠️ - مصباح تحذير مؤشر فحص/عطل المحرك (MIL)

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/

⚠️ — ضوء تحذير درجة حرارة الزيت

سيضيء ضوء التحذير هذا الضوء للإشارة إلى ارتفاع درجة حرارة زيت المحرك. وإذا ظهر الضوء أثناء القيادة، فتوقف فورًا وأطفئ المحرك في أسرع وقت ممكن. انتظر حتى تعود درجة حرارة الزيت إلى المستويات العادية.

🚗 - ضوء تحذير التذكير بربط حزام الأمان

يشير ضوء التحذير هذا إلى عدم ربط حزام مقعد السائق أو مقعد الراكب. عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) أو ACC/ON/RUN (الملحقات/التشغيل/الانطلاق) لأول مرة، وإذا كان حزام أمان السائق غير مربوط، فستصدر صافرة ويضيء المصباح. أثناء القيادة، إذا كان حزام مقعد السائق الخاص بالسائق أو الراكب الأمامي غير مربوط، فسوف يومض ضوء التذكير بربط حزام الأمان أو يظل مضاءً بشكل متواصل مع صدور إشارة صوتية.

راجع "أنظمة تثبيت الركاب" في "السلامة" للحصول على مزيد من المعلومات.

🚗 120 - ضوء تحذير السرعة - إذا كانت السيارة مزودة بذلك

سيضيء ضوء التحذير هذا عندما تكون سرعة السيارة مساوية أو أكبر من 120 كم/ساعة. ستنتقل صافرة واحدة وسيتم عرض رسالة.

🚗 - ضوء تحذير ارتفاع درجة حرارة ناقل الحركة - إذا كانت السيارة مزودة بذلك

سيضيء هذا الضوء التحذيري 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 ب إيقاف السيارة وتشغيل المحرك على سرعة التباطؤ أو سرعة أعلى قليلاً، مع وجود ناقل الحركة في وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) 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 تحذيري لميزة أمان السيارة - إذا كانت السيارة مزودة بذلك

يومض هذا الضوء بسرعة أعلى لمدة 15 ثانية تقريبًا عند تشغيل إنذار أمان السيارة، ثم يومض ببطء حتى يتم تعطيل أمان السيارة.

ضوء تحذيري باللون الأصفر

🚗 - ضوء تحذيري بشأن خدمة وحدة التحكم في السرعة الثابتة المهائية

سيضيء هذا الضوء عندما لا يعمل نظام وحدة التحكم في السرعة الثابتة المهائية (ACC) وعندما يكون بحاجة إلى الصيانة. للحصول على مزيد من المعلومات، راجع "وحدة التحكم في السرعة الثابتة المهائية (ACC)" في "البدء والتشغيل."

🚗 - ضوء تحذير الفرامل المانعة للانغلاق (ABS)

يراقب ضوء التحذير هذا نظام الفرامل المانعة للانغلاق (ABS). سيضيء هذا المصباح عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) أو ACC/ON/RUN (الملحقات/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 يضيء مصباح نظام الفرامل المانعة للانغلاق (ABS) عند وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) أو ACC/ON/RUN (الملحقات/التشغيل/الانطلاق)، فقم بفحص نظام الفرامل بواسطة الوكيل المعتمد.

⚠ — 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 تعطل التوجيه المعزز كهربيًا
سيتم تشغيل ضوء التحذير هذا عند وجود عطل في نظام
التوجيه المعزز كهربيًا (EPS). راجع "التوجيه المعزز"
في "البدء والتشغيل" لمزيد من المعلومات.

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.

⚠ - ضوء تحذير مفتاح التحكم الإلكتروني في صمام
الاختناق (ETC)

سيضيء ضوء 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
ممکن.

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 المصباح عند إدارة
مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)
أو ACC/ON/RUN (الملحقات/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
يحذر ضوء التحذير هذا من وجود حالة سخونة زائد في
المحرك. 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 في
وضع التشغيل، فأوقف تشغيله. انقل أيضًا ناقل الحركة إلى
وضع NEUTRAL (اللاتعشيق) واجعل السيارة في حالة

تباطؤ. إذا لم تعد قراءة درجة الحرارة إلى الوضع الطبيعي،
فأوقف تشغيل المحرك على الفور واتصل بالصيانة.

راجع "إذا ارتفعت درجة حرارة المحرك" في قسم "في
حالات الطوارئ" للحصول على مزيد من المعلومات.

⚠ - ضوء تحذيري بشأن فتح غطاء المحرك
يضيء هذا المؤشر عند فتح غطاء المحرك وعدم غلقه
بشكل محكم.

ملاحظة:

إذا كانت السيارة تتحرك، فسوف تصدر إشارة صوتية
واحدة.

⚠ - ضوء تحذيري بشأن فتح باب المؤخرة
سيضيء ضوء التحذير هذا عند فتح باب المؤخرة.

ملاحظة:

إذا كانت السيارة تتحرك، فسوف تصدر إشارة صوتية
واحدة.

⚠ — ضوء تحذيري بشأن ضغط زيت المحرك
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 هذا الضوء.

لا تقم بتشغيل السيارة إلا بعد تصليح العطل. ولا يشير هذا
الضوء إلى كمية الزيت في المحرك. لذا يجب فحص
مستوى زيت المحرك في تحت غطاء المحرك.

ضوء تحذيري باللون الأحمر

🚗 — ضوء تحذيري بشأن الوسادة الهوائية

سيضيء ضوء التحذير هذا للإشارة إلى وجود عطل في الوسادة الهوائية، وسيضيء لمدة تتراوح بين أربع وثمانية ثوان كنوع من الفحص بالمصباح عند ضبط مفتاح التشغيل على وضع ON/RUN (التشغيل/الانطلاق) أو ACC/ON/RUN (الملحقات/التشغيل/الانطلاق). يضيء هذا الضوء مع إشارة صوتية واحدة عند اكتشاف خلل في الوسادة الهوائية، وسيظل مضاءً حتى يتم إصلاح الخلل. إذا لم يضيء 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 واستخدام فرامل التوقف. إذا ظهر ضوء الفرامل، فقد يشير ذلك إلى استخدام 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 نظام الفرامل المزدوج 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 الضوء تحذيري بشأن الفرامل الذي يدل على انخفاض مستوى سائل الفرامل في الأسطوانة الرئيسية إلى حد معين.

ويستمر الضوء بالإضاءة حتى يتم تصليح العطل.

ملاحظة:

قد يومض الضوء بشكل سريع أثناء مناورات الانعطاف الحادة بسبب حدث تغييرات في مستوى السائل. يجب صيانة السيارة، وفحص مستوى سائل الفرامل.

في حالة أي عطل في الفرامل قم بتصليحه فوراً.

تحذير!

من الخطورة قيادة السيارة عندما يضيء ضوء الفرامل الأحمر. فقد يعني ذلك أن عطلا ما قد حدث في أحد أجزاء نظام الفرامل. وستحتاج إلى وقت أطول لإيقاف السيارة. مما قد يؤدي إلى وقوع تصادم. افحص الفرامل فوراً.

السيارات المزودة بنظام الفرامل المانعة للانغلاق (ABS) تكون مزودة كذلك بنظام توزيع قوة الفرامل الإلكتروني (EBD). وفي حالة عطل نظام توزيع قوة الفرامل الإلكتروني (EBD) يضيء ضوء تحذيري بشأن الفرامل

مع ضوء نظام الفرامل المانعة للانغلاق (ABS). وفي هذه الحالة يجب إصلاح نظام الفرامل المانعة للانغلاق (ABS) فوراً.

ومن الممكن فحص الضوء التحذيري بشأن الفرامل وذلك بتدوير مفتاح التشغيل من وضع OFF (إيقاف التشغيل) إلى وضع ON/RUN (التشغيل/الانطلاق). يجب أن يضيء الضوء لمدة أربع ثوان تقريباً. ويجب أن يختفي الضوء بعد ذلك إلا إذا كانت فرامل التوقف مستخدمة أو إذا كان هناك عطل في الفرامل. وإذا لم يضيء الضوء، فإنه يتعين فحص الضوء من قِبَل الوكيل المعتمد.

ويظهر الضوء أيضاً عند استخدام 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 التحذير 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 الكهربائي أو مكون ذو صلة.

ما الذي يجب عمله عند ظهور رسالة إجراء تقليل الحمل الكهربائي ("Battery Saver On") (تشغيل موثر طاقة البطارية) أو "Battery Saver Mode" (موثر طاقة البطارية))

أثناء القيام برحلة:

- قلل الطاقة التي تصل إلى الأحمال غير الضروري، إذا أمكن:
 - أوقف تشغيل الأضواء المتكررة (الداخلية أو الخارجية)
 - تحقق من العناصر التي قد تكون موصلة بمأخذ الطاقة بقدرة +12 فولت، ومنافذ USB بقدرة 150 وات
 - 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، تركيبية الملحقات الكهربائية، أنظمة الصوت، الإنذارات) مع مراجعة المواصفات إذا وجد أي منها (تيارات الحمل وسحب إيقاف الإشعال).
- قيّم أحدث دورات من القيادة (المسافة، وقت القيادة وقت التوقف).
- يتعين إجراء خدمة السيارة إذا استمرت الرسالة في الظهور أثناء القيام بالرحلات المتتابعة مع عدم مساعدة إجراء تقييم للسيارة ولنمط القيادة في تحديد السبب.

كمبيوتر الرحلة

اضغط على زر سهم لأعلى أو لأسفل حتى يتم تمييز رمز Trip A (الرحلة أ) أو Trip B (الرحلة ب) في شاشة عرض مجموعة أجهزة القياس (يمكنك التبديل إلى اليسار أو إلى اليمين لتحديد Trip A (الرحلة أ) أو Trip B (الرحلة ب)). اضغط على زر OK (موافق) وحرره لعرض معلومات الرحلة.

الرحلة أ

- تعرض إجمالي المسافة المقطوعة للرحلة أ منذ آخر إعادة ضبط.
- تعرض الوقت المنقضي المقطوع أثناء Trip A (الرحلة أ) منذ آخر إعادة ضبط.
- تعرض استهلاك الوقود الفوري لـ Trip A (الرحلة أ) من آخر إعادة ضبط.

الرحلة ب

- تعرض إجمالي المسافة المقطوعة للرحلة ب منذ آخر إعادة ضبط.
- تعرض الوقت المنقضي المقطوع أثناء Trip B (الرحلة ب) منذ آخر إعادة ضبط.
- تعرض استهلاك الوقود الفوري لـ Trip B (الرحلة ب) من آخر إعادة ضبط.

Elapsed Time (الوقت المنقضي)

تظهر الوقت المنقضي الإجمالي من الرحلة منذ آخر إعادة ضبط عند وجود مفتاح التشغيل في وضع ACC (الملحقات). يزيد الوقت المنقضي عند وجود مفتاح التشغيل في وضع ON (التشغيل) أو وضع START (بدء التشغيل).

إعادة تعيين وظيفة رحلة

يمكن إعادة الضبط فقط عندما يتم تحديد (تمييز) وظيفة قابلة لإعادة الضبط. اضغط مطولاً على زر OK (موافق) لمسح الوظيفة القابلة لإعادة الضبط المعروضة.

أضواء ورسائل التحذير

سنصّيء أضواء المؤشرات/التحذير في لوحة أجهزة القياس مع رسالة مخصصة و/أو إشارة صوتية، عندما يكون ذلك ممكناً. 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 دائماً بالرجوع إلى المعلومات الواردة في هذا الفصل في حالة ظهور مؤشر عطل. يتم عرض جميع الأضواء المؤشرة النشطة أولاً، إذا كان ذلك ممكناً. قد تظهر قائمة التحقق من النظام مختلفة وذلك حسب خيارات الأجهزة وحالة السيارة الحالية. تكون بعض الأضواء المؤشرة اختيارية وقد لا تظهر.

رسالة Battery Saver On (تشغيل موفر طاقة

البطارية/Battery Saver Mode) (وضع موفر

طاقة البطارية) - إجراءات تقييد الحمل الكهربائي - إذا كانت السيارة مزودة بذلك

إن هذه السيارة مزودة بمستشعر البطارية الذكي (IBS) للقيام بتنفيذ المراقبة الإضافية للنظام الكهربائي 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 الكهربائي لتمديد وقت ومسافة قيادة السيارة. ويتم ذلك من خلال تقليل الطاقة الواصلة إلى أو إيقاف تشغيل الأحمال الكهربائية 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 الكهربائية 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 شاشة عرض مجموعة أجهزة القياس.

تشير هذه الرسائل إلى أن بطارية السيارة بها شحن منخفض وسوف تستمر في فقد الشحن الكهربائي 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" قيد التشغيل، فقد يدل ذلك على وجود مشكلة في شحن النظام. راجع "ضوء التحذير بشأن شحن البطارية" في "أصواء ورسائل التحذيرات" الموجودة في "التعرف على لوحة أجهزة قياس" للحصول على مزيد من المعلومات.

• الأحمال الكهربائية التي قد يتم إيقاف تشغيلها (إذا كانت السيارة مزودة بذلك)، ووظائف السيارة التي تتأثر بتقليل الحمل:

• المقعد المسخن/المقاعد المزودة بفتحات تهوية/العجلة المسخنة

• مزيل الصقيع من الزجاج الخلفي والمرآيا المسخنة

• نظام التسخين والتهوية ومكيف الهواء (HVAC)

• نظام الصوت والاتصالات

قد يشير فقدان شحن البطارية إلى واحدة أو أكثر من الحالات التالية:

• لم يتمكن شحن النظام من توصيل الطاقة الكهربائية بصورة كافية إلى نظام السيارة لأن الأحمال الكهربائية أكبر من قدرة شحن النظام. لا يزال شحن النظام يعمل بصورة مناسبة.

• تشغيل جميع الأحمال الكهربائية بالسيارة (على سبيل المثال، نظام التسخين والتهوية ومكيف الهواء (HVAC) إلى إعدادات الحد الأقصى، المصابيح الخارجية والداخلية، مأخذ الطاقة مفرطة التحميل بقدرة +12 فولت، ومنافذ USB بقدرة 150 وات) أثناء ظروف قيادة معينة (القيادة في المدينة، السحب، تكرار التوقف).

• تثبيت الخيارات كالمصابيح الإضافية، وتركيب الملحقات الكهربائية، 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 الكهربائي 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 ووحدة التحكم في الألعاب والأجهزة المشابهة.

- Fuel Economy Current (استهلاك الوقود الحالي)
- الرحلة أ
- الرحلة ب
- أعلى اليمين
- لا يوجد
- اليوصلة
- Outside Temp (درجة الحرارة الخارجية) (الإعداد الافتراضي)
- الوقت
- Range (النطاق)
- Fuel Economy Average (متوسط ترشيد استهلاك الوقود)
- Fuel Economy Current (استهلاك الوقود الحالي)
- الرحلة أ
- الرحلة ب
- الإعدادات الافتراضية (استعادة جميع الإعدادات إلى الإعدادات الافتراضية)
- Cancel (إلغاء)

• Restore (استعادة)

الترس الحالي

• On (التشغيل)

• Off (إيقاف التشغيل) (الإعداد الافتراضي)

• Favorite Menus (القوائم المفضلة) - السيارة مزودة بذلك

• Speedometer (عداد السرعة)

• معلومات السيارة

• Terrain (التضاريس) (عرض/إخفاء)

• Driver Assist (مساعد السائق) (عرض/إخفاء)

• Fuel Economy (ترشيد استهلاك الوقود) (عرض/إخفاء)

• Trip Info (معلومات الرحلة) (عرض/إخفاء)

• Stop/Start (التوقف/بدء التشغيل)

• Audio (الصوت) (عرض/إخفاء)

• Messages (الرسائل)

• Screen Setup (إعداد الشاشة)

تعني القائمة المزودة بخيارات show/hide (عرض/إخفاء) أن المستخدم يمكنه الضغط على زر OK (موافق)

لاختيار إظهار أو إخفاء عرض هذه القائمة على شاشة عرض مجموعة أجهزة القياس.

Speed Warning (تحذير السرعة)

اضغط على زر سهم up (لأعلى) أو down (لأسفل) وحرره حتى يتم تمييز رمز/عنوان شاشة Speed Warning Menu (قائمة تحذير السرعة) في شاشة عرض مجموعة أجهزة القياس. اضغط على OK (موافق) وحرره للدخول إلى تحذير السرعة. استخدم زر سهم لأعلى أو لأسفل لتحديد السرعة المرغوبة، ثم اضغط على OK (موافق) وحرره لضبط السرعة. سيضيء ضوء تحذير محدد السرعة غير النشط باللون الأبيض مع رسالة نصية للإخطار (تحذير السرعة مضبوط على XX، ثم الوحدة المحددة). عند تجاوز السرعة المضبوطة، سيصدر صوت صافرة واحدة مع عرض الرسالة المنبثقة "Speed Warning Exceeded" (تحذير تجاوز السرعة). في كل مرة يتم فيها تجاوز السرعة المضبوطة بمقدار 1.5 كم/الساعة (3 كم/الساعة)، ستصدر صافرة صوتية لمدة تصل إلى 10 ثوانٍ أو حتى لا يصبح هنالك تجاوز للسرعة. سيتحول ضوء تحذير محدد السرعة غير النشط باللون الأبيض إلى اللون الأصفر ويومض، وستظهر الرسالة المنبثقة "Speed Warning Exceeded" (تم تجاوز تحذير السرعة).

ملاحظة:

يمكنك إيقاف تشغيل تحذير السرعة باستخدام سهمي لأعلى/لأسفل للتمرير عبر قائمة السرعة وتحديد OFF (إيقاف التشغيل) في أسفل القائمة.

ملاحظة:

تؤثر التغييرات الواضحة في نمط القيادة أو حمولة السيارة بصورة كبيرة على المسافة الفعلية التي يمكن فيها قيادة السيارة بغض النظر عن قيمة النطاق المعروض.

- **Average** (المتوسط) - تعرض شاشة العرض متوسط معدل ترشيد استهلاك الوقود (ميل/جالون أو لتر/100 كم أو كم/لتر) منذ آخر عملية إعادة ضبط.
- **Current** (الحالي) - تعرض شاشة العرض هذه ترشيد استهلاك الوقود الحالي (ميل/جالون أو لتر/100 كم أو كم/لتر) أثناء القيادة.

Trip Info (معلومات الرحلة)

اضغط على زر سهم **up** (لأعلى) أو سهم **down** (لأسفل) ثم حرره حتى يتم عرض عنوان قائمة Trip (الرحلة) في شاشة عرض مجموعة أجهزة القياس. قم بتبديل زر سهم **left** (لليسار) أو سهم **right** (لليمين) لتحديد Trip A (الرحلة أ) أو Trip B (الرحلة ب). سوف تعرض Trip information (معلومات 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) - يعرض 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.

Stop/Start (الإيقاف/بدء التشغيل) - إذا كانت السيارة مزودة بذلك

اضغط على زر سهم **up** (لأعلى) أو سهم **down** (لأسفل) وحرره حتى يتم عرض عنوان قائمة Stop/Start (الإيقاف/بدء التشغيل) في شاشة عرض مجموعة أجهزة القياس.

الصوت

اضغط على زر سهم **up** (لأعلى) أو سهم **down** (لأسفل) وحرره حتى يتم عرض عنوان قائمة Audio (الصوت) في شاشة عرض مجموعة أجهزة القياس.

Stored Messages (الرسائل المخزنة)

اضغط على زر سهم **up** (لأعلى) أو سهم **down** (لأسفل) وحرره حتى يتم تمييز رمز Messages Menu (قائمة الرسائل) في شاشة عرض مجموعة أجهزة القياس. تعرض هذه الميزة عدد رسائل التحذير المخزنة. عند الضغط على زر سهم **left** (لليسار) أو سهم **right** (لليمين) ستمكن من التنقل بين الرسائل المخزنة.

Screen Setup (إعداد الشاشة)

اضغط على زر السهم لأعلى أو لأسفل وحرره حتى يتم تمييز رمز/عنوان قائمة Screen Setup (إعداد الشاشة) في شاشة عرض مجموعة أجهزة القياس. اضغط على زر **OK** (موافق) وحرره للدخول إلى القوائم الفرعية واتبع المطالبات التي تظهر على الشاشة حسب الحاجة. تتيح لك ميزة Screen Setup (إعداد الشاشة) تغيير أي المعلومات التي يتم عرضها في مجموعة أجهزة القياس بالإضافة إلى الموقع الذي يتم عرض المعلومات فيه.

عناصر السائق القابلة للتحديد في إعداد القائمة

شاشة عرض الترس

- كامل (الإعداد الافتراضي)
- Single (واحد)

أعلى اليسار

- لا يوجد
- Compass (البوصلة) (الإعداد الافتراضي)
- Outside Temp (درجة الحرارة الخارجية)
- الوقت
- Range (النطاق)
- Fuel Economy Average (متوسط ترشيد استهلاك الوقود)

اضغط على زر ADAPTIVE CRUISE CONTROL (ACC) on/off (تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيأة) (الموجود في عجلة القيادة) حتى يتم عرض أي مما يلي في شاشة عرض مجموعة أجهزة القياس:

إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيأة

عند إلغاء تنشيط وحدة التحكم في السرعة الثابتة المهيأة (ACC)، ستعرض الشاشة "Adaptive Cruise Control Off" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهيأة).

وحدة التحكم في السرعة الثابتة المهيأة جاهزة

عند تنشيط وحدة التحكم في السرعة الثابتة المهيأة مع عدم اختيار إعداد سرعة السيارة، فستعرض الشاشة "Adaptive Cruise Control Ready" (وحدة التحكم في السرعة الثابتة المهيأة جاهزة).

اضغط على زر SET + (الضبط +) أو SET- (الضبط -) (الموجود في عجلة القيادة) وحرره وسيتم عرض ما يلي في شاشة عرض مجموعة أجهزة القياس:

تم ضبط وحدة التحكم في السرعة الثابتة المهيأة (ACC)

عند ضبط وحدة التحكم في السرعة الثابتة المهيأة (ACC)، سوف تعرض السرعة المضبوطة في مجموعة أجهزة القياس.

قد تظهر شاشة وحدة التحكم في السرعة الثابتة المهيأة (ACC) مرة أخرى إذا حدث أي نشاط لوحدة التحكم في السرعة الثابتة المهيأة (ACC)، والذي قد يتضمن أيًا مما يلي:

• تغيير إعداد المسافة

• إلغاء النظام

• تجاوز السائق

• إيقاف تشغيل النظام

• تحذير الاقتراب لوحدة التحكم في السرعة الثابتة المهيأة (ACC)

• تحذير وحدة التحكم في السرعة الثابتة المهيأة (ACC) غير متوفرة

ملاحظة:

ستعود شاشة عرض مجموعة أجهزة القياس إلى آخر شاشة عرض محددة بعد خمس ثوانٍ من عدم وجود أي نشاط لشاشة عرض وحدة التحكم في السرعة الثابتة المهيأة (ACC).

راجع "وحدة التحكم في السرعة الثابتة المهيأة (ACC) - إذا كانت السيارة مزودة بذلك" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك

ستعرض شاشة عرض مجموعة أجهزة القياس الإعدادات الحالية لنظام LaneSense (استشعار الحارة). تعتمد المعلومات المعروضة على حالة نظام LaneSense (استشعار الحارة) وشروطه التي يجب أن يتم استيفاؤها. راجع "نظام LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

ترشيد استهلاك الوقود

اضغط على زر سهم **up (الأعلى)** أو زر سهم **down (الأسفل)** وحرره حتى يتم تمييز رمز Fuel Economy (ترشيد استهلاك الوقود) في شاشة عرض مجموعة أجهزة القياس. اضغط مطولاً على زر **OK** (موافق) لإعادة ضبط معدل ترشيد استهلاك الوقود.

قم بالتبديل إلى اليسار أو اليمين لتحديد شاشة عرض مع معلومات الترشيد في استهلاك الوقود الحالية أو بدونها.

• **Range (النطاق)** - تعرض شاشة العرض المسافة المقدر (بالأميال أو بالكيلومترات) التي يمكن قطعها باستخدام الوقود المتبقي في الخزان. عندما تكون قيمة النطاق أقل من 30 ميلاً (48 كم) من مسافة القيادة المقدر، ستغير شاشة عرض النطاق لتعرض الرسالة "RANGE LOW" (النطاق منخفض). تؤدي إضافة كمية كبيرة من الوقود إلى السيارة إلى إيقاف الرسالة "RANGE LOW" (النطاق منخفض) وعرض قيمة جديدة للنطاق. لا يمكن إعادة ضبط النطاق خلال زر **OK** (موافق).

• Battery Low Start Engine To Change Ride Height (البطارية منخفضة، ابدأ تشغيل المحرك لتغيير ارتفاع الركوب)

ينقسم قسم أضواء الإشارة القابلة لإعادة التكوين إلى منطقة أضواء إشارة بيضاء أو خضراء على اليمين، ومنطقة أضواء إشارة صفراء أو حمراء على اليسار.

عناصر قائمة شاشة عرض مجموعة أجهزة القياس

ملاحظة:

يتم عرض عناصر قائمة شاشة عرض مجموعة أجهزة القياس في منتصف مجموعة أجهزة القياس. قد تختلف عناصر القائمة حسب ميزات سيارتك.

عداد السرعة

اضغط على زر سهم لأعلى أو لأسفل وحرره حتى يتم عرض رمز المقياس الرئيسي في شاشة عرض مجموعة أجهزة القياس. اضغط على زر سهم لليساار أو لليمين وحرره لتحديد النوع التناظري أو الرقمي لنوع شاشة عرض عداد السرعة. اضغط على زر **OK** (موافق) للتبديل بين وحدات (كم/ساعة أو ميل/ساعة) بعدد السرعة.

إمكانية الوصول - إذا كانت السيارة مزودة بذلك

إمكانية الوصول هي ميزة خاصة بنظام DVD/Blu-ray والتي تعلن عن الوظيفة قبل تنفيذ الإجراء. للحصول على مزيد من المعلومات، راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة".

معلومات السيارة

اضغط على زر سهم لأعلى أو لأسفل وحرره حتى يظهر رمز قائمة Vehicle Info (معلومات السيارة) في شاشة عرض مجموعة أجهزة القياس. اضغط على زر سهم لليساار أو لليمين وحرره للتقليل بين القوائم الفرعية للمعلومات و اضغط على زر **OK** (موافق) وحرره لتحديد أو إعادة ضبط القوائم الفرعية التي يمكن إعادة ضبطها.

• Oil Pressure (ضغط الزيت)	• Tire Pressure (ضغط هواء الإطارات)
• Oil Life (العمر الافتراضي للزيت)	• Transmission Temperature (درجة حرارة ناقل الحركة)
• Battery Voltage (فولتية البطارية)	• Oil Temperature (درجة حرارة الزيت)

Terrain (التضاريس) — إذا كانت السيارة مزودة بذلك

اضغط على زر سهم **up** (أعلى) أو سهم **down** (أسفل) وحرره حتى يتم تمييز رمز/عنوان Terrain (التضاريس) في شاشة عرض مجموعة أجهزة القياس. اضغط على زر سهم **right** (اليمين) أو سهم **left** (اليسار) وحرره لعرض ميزة Selec-Terrain (التضاريس المحددة) و Air Suspension (التعليق

الهوائي) و Drivetrain (مجموعة الدفع والحركة) و Wheel Articulation (نطاق حركة العجلة).

نظام Selec-Terrain: لعرض رسائل متعلقة بحالة Selec-Terrain.

التعليق الهوائي - إذا كانت السيارة مزودة بذلك: لعرض رسائل متعلقة بحالة التعليق الهوائي.

مجموعة الدفع والحركة: لعرض معلومات حول حالة زاوية العجلة الأمامية وعلبة النقل وقلل المحور.

حركة العجلة: لعرض حركة العجلات الحالية.

Driver Assist (مساعد السائق)

اضغط على زر سهم **up** (أعلى) أو سهم **down** (أسفل) وحرره حتى يتم تمييز عنوان القائمة Driver Assist (مساعد السائق) في شاشة عرض مجموعة أجهزة القياس.

قائمة وحدة التحكم في السرعة الثابتة المهيمنة (ACC) - إذا كانت السيارة مزودة بذلك

ستعرض شاشة عرض مجموعة أجهزة القياس الإعدادات الحالية لوحدة التحكم في السرعة الثابتة المهيمنة (ACC) ونظام LaneSense (استشعار الحرارة). تعتمد المعلومات المعروضة على حالة وحدة التحكم في السرعة الثابتة المهيمنة (ACC) ونظام LaneSense (استشعار الحرارة).

- Off Road 1 Ride Height Achieved (تم الوصول للمستوى 1 لارتفاع الركوب في الطرق غير ممهدة)
- Off Road 2 Ride Height Achieved (تم الوصول للمستوى 2 لارتفاع الركوب في الطرق غير ممهدة)
- Entry/Exit Ride Height Achieved (تم الوصول لمستوى الدخول/الخروج لارتفاع السيارة)
- Selected Ride Height Not Permitted (ارتفاع الركوب المحدد غير مسموح به)
- Service Air Suspension System Immediately (نظام التعليق الهوائي يحتاج إلى صيانة فورية)
- Reduce Speed To Maintain Selected Ride Height (قلل السرعة للمحافظة على ارتفاع الركوب المحدد)
- Air Suspension System Cooling Down (نظام التعليق الهوائي، يُرجى الانتظار)
- Vehicle Cannot Be Lowered Door Open (لا يمكن خفض السيارة، الباب مفتوح)
- Air Suspension Temporarily Disabled (التعليق الهوائي معطل مؤقتاً)

- Doors Open (الأبواب مفتوحة)
- Liftgate Open (باب المؤخرة مفتوح)
- Hood Open (غطاء المحرك مفتوح)
- Shift Not Allowed (غير مسموح بنقل الترس)
- Vehicle Speed Is Too High To Shift To D (سرعة السيارة عالية للغاية للانتقال إلى D (القيادة))
- 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)
- Service Shifter (ذراع ناقل الحركة بحاجة للصيانة)
- Service Air Suspension System (نظام التعليق الهوائي يحتاج إلى صيانة)
- Normal Ride Height Achieved (تم الوصول لارتفاع الركوب العادي)
- Aerodynamic Ride Height Achieved (تم الوصول لارتفاع الركوب الديناميكي الهوائي)

- Remote Start Canceled Too Cold (إلغاء بدء التشغيل عن بُعد، درجة الحرارة منخفضة للغاية) - إذا كانت السيارة مزودة بذلك
- Remote Start Canceled Door Open (تم إلغاء بدء التشغيل عن بُعد، أحد الأبواب مفتوحة) - إذا كانت السيارة مزودة بذلك
- Remote Start Canceled Hood Open (تم إلغاء بدء التشغيل عن بُعد، غطاء المحرك مفتوح) - إذا كانت السيارة مزودة بذلك
- Remote Start Canceled Liftgate Open (تم إلغاء بدء التشغيل عن بُعد، باب المؤخرة مفتوح) - إذا كانت السيارة مزودة بذلك
- Remote Start Canceled Time Expired (تم إلغاء بدء التشغيل عن بُعد لانتهاء الوقت) - إذا كانت السيارة مزودة بذلك
- Remote Start Disabled Start To Reset (تم تعطيل نظام بدء التشغيل عن بُعد، قم بتشغيل السيارة لإعادة الضبط) - إذا كانت السيارة مزودة بذلك
- Service Air Bag System (نظام الوسادة الهوائية بحاجة للصيانة)
- Service Airbag Warning Light (الضوء التحذيري بشأن الوسادة الهوائية بحاجة للصيانة)
- Door Open (الباب مفتوح)

- Service Electronic Braking System (نظام الفرامل الإلكتروني بحاجة للصيانة)
- Engine Temperature Hot (درجة حرارة المحرك مرتفعة)
- Lights On (المصابيح مضاءة)
- Right Front Turn Signal Light Out (مصباح إشارة الانعطاف الأمامية اليمنى مطفاً)
- Right Rear Turn Signal Light Out (مصباح إشارة الانعطاف الخلفية اليمنى مطفاً)
- Left Front Turn Signal Light Out (مصباح إشارة الانعطاف الأمامية اليسرى مطفاً)
- Left Rear Turn Signal Light Out (مصباح إشارة الانعطاف الخلفية اليسرى مطفاً)
- Ignition or Accessory On (قرص 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) - إذا كانت السيارة مزودة بذلك
- Remote Start Canceled Fuel Low (تم إلغاء بدء التشغيل عن بُعد لانخفاض الوقود) - إذا كانت السيارة مزودة بذلك
- Service Electronic Throttle Control (التحكم الإلكتروني في صمام الاختناق بحاجة للصيانة)
- Service Power Steering (نظام التوجيه المعزز بحاجة للصيانة)
- إيقاف تشغيل التحكم في السرعة الثابتة
- التحكم في السرعة الثابتة جاهز
- تجاوز السائق لوحدة التحكم في السرعة الثابتة المهايئة (ACC)
- Cruise Control Set To XXX MPH (ضبط التحكم في السرعة الثابتة على XXX ميل/الساعة)
- Tire Pressure Screen With Low Tire(s) (شاشة ضغط هواء الإطار مع عرض الإطارات ذات الضغط المنخفض) "نفخ الإطار إلى XX"
- Service Tire Pressure System (نظام مراقبة ضغط هواء الإطارات يحتاج للصيانة)
- Speed Warning Set To XXX MPH (ضبط تحذير السرعة على XXX ميلاً/الساعة)
- Speed Warning Exceeded (تم تجاوز تحذير السرعة)
- Parking Brake Engaged (فرامل التوقف معشقة)
- Brake Fluid Low (سائل الفرامل منخفض)

ملاحظة:

إذا أضاءت رسالة المؤشر عند بدء تشغيل السيارة، فإن ذلك يعني عدم إعادة ضبط نظام مؤشر تغيير زيت المحرك. كرر الإجراء السابق إذا لزم الأمر.

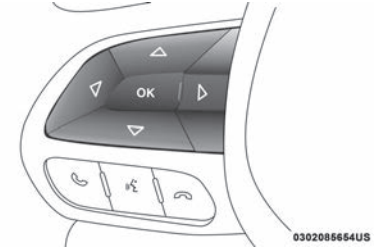
رسائل شاشة عرض مجموعة أجهزة القياس تشمل ما يلي، على سبيل المثال لا الحصر:

- Front Seatbelts Unbuckled (أحزمة الأمان الأمامية غير مربوطة)
- Driver Seat Belt Unbuckled (حزام أمان مقعد السائق غير مربوط)
- Passenger Seat Belt Unbuckled (حزام أمان مقعد الراكب غير مربوط)
- Traction Control Off (إيقاف تشغيل التحكم في الجر)
- Washer Fluid Low (مستوى سائل الغاسلة منخفض)
- Oil Pressure Low (ضغط الزيت منخفض)
- Oil Change Due (يلزم تغيير الزيت)
- Fuel Low (مستوى الوقود منخفض)
- Service Anti-lock Brake System (صيانة نظام الفرامل المانعة للانغلاق)

• Screen Setup (إعداد الشاشة)

• Speed Warning (تحذير السرعة)

يتيح النظام للسائق اختيار المعلومات بالضغط على الأزرار التالية المركبة على عجلة القيادة:



أزرار التحكم الخاصة بشاشة عرض مجموعة أجهزة القياس

• زر سهم Up (لأعلى)

اضغط على زر **up arrow** (سهم لأعلى) وحرره للتمرير لأعلى خلال عناصر **Main Menu** (القائمة الرئيسية).

• زر سهم Down (لأسفل)

اضغط على زر **down Arrow** (سهم لأسفل) وحرره للتمرير لأسفل خلال عناصر **Main Menu** (القائمة الرئيسية).

• زر سهم **Right** (لليمين)

اضغط على زر **right arrow** (سهم لليمين) وحرره للوصول إلى شاشات المعلومات أو شاشات القوائم الفرعية لعنصر من القائمة الرئيسية.

• زر سهم **Left** (لليسار)

اضغط على زر **left arrow** (سهم لليسار) وحرره للوصول إلى شاشات المعلومات أو شاشات القوائم الفرعية لعنصر من القائمة الرئيسية.

• زر **OK** (موافق)

اضغط على الزر **OK** (موافق) للوصول إلى/تحديد شاشات المعلومات أو شاشات القوائم الفرعية لعنصر من القائمة الرئيسية. اضغط مطولاً على زر سهم **OK** (موافق) لمدة ثانيتين لإعادة ضبط الميزات المعروضة/ المحددة التي يمكن إعادة ضبطها.

إعادة ضبط تغيير الزيت - إذا كانت السيارة مزودة بذلك قد تكون 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 على دورة الخدمة، ويعني ذلك أن موعد تغيير زيت المحرك يختلف وفقاً لنمط القيادة الشخصي.

وما لم تتم إعادة الضبط فإن هذه الرسالة تستمر في العرض في كل مرة تضع فيها مفتاح التشغيل في وضع **ON/ RUN** (التشغيل/الانطلاق). لإيقاف عرض الرسالة مؤقتاً، اضغط على زر **OK** (موافق) وحرره. لإعادة ضبط نظام مؤشر تغيير زيت المحرك (بعد تنفيذ الصيانة الدورية)، نفذ الإجراء التالي.

إعادة ضبط عمر الزيت

1. بدون الضغط على دواسة الفرامل، ضع مفتاح التشغيل في وضع **ON/RUN** (التشغيل/الانطلاق) (لا تقم بتشغيل المحرك).

2. انتقل إلى القائمة الفرعية "Oil Life" (عمر الزيت) في "Vehicle Info" (معلومات السيارة) بشاشة عرض مجموعة أجهزة القياس.

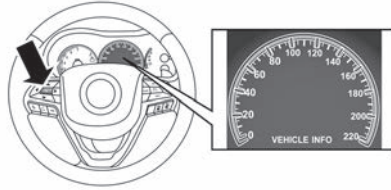
3. اضغط مطولاً على زر **OK** (موافق) حتى تتم إعادة ضبط المقياس على 100%.

الطريقة الثانوية لإجراء إعادة ضبط تغيير الزيت

1. بدون الضغط على دواسة الفرامل، ضع مفتاح التشغيل في وضع **ON/RUN** (التشغيل/الانطلاق) (لا تبدأ تشغيل المحرك).

2. اضغط بالكامل على دواسة الوقود ببطء لثلاثة مرات في غضون عشر ثوان.

3. بدون الضغط على دواسة الفرامل، ضع مفتاح التشغيل في وضع **OFF/LOCK** (إيقاف التشغيل/القفل).



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موقع شاشة عرض مجموعة أجهزة القياس

تتكون عناصر Main Menu (القائمة الرئيسية) مما يلي:

- Speedometer (عداد السرعة)
- معلومات السيارة
- Terrain (التضاريس) — إذا كانت السيارة مزودة بذلك
- مساعد السائق - إذا كانت السيارة مزودة بذلك
- ترشيد استهلاك الوقود
- Trip (الرحلة)
- Stop/Start (التوقف/بدء التشغيل) - إذا كانت السيارة مزودة بذلك
- الصوت
- Stored Messages (الرسائل المخزنة)

5. شاشة عرض مجموعة أجهزة القياس

- تتميز شاشة عرض مجموعة أجهزة القياس بشاشة عرض تفاعلية مع السائق. راجع "شاشة عرض مجموعة أجهزة القياس" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

شاشة عرض مجموعة أجهزة القياس

ستكون السيارة مزودة بشاشة عرض مجموعة أجهزة القياس، والتي تقدم معلومات مفيدة للسائق. أثناء وجود مفتاح التشغيل في وضع STOP/OFF (إيقاف/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 وموجودة 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.

موقع شاشة عرض مجموعة أجهزة القياس ومفاتيح التحكم بها

توجد شاشة عرض مجموعة أجهزة القياس في منتصف مجموعة أجهزة القياس.


تحذير!

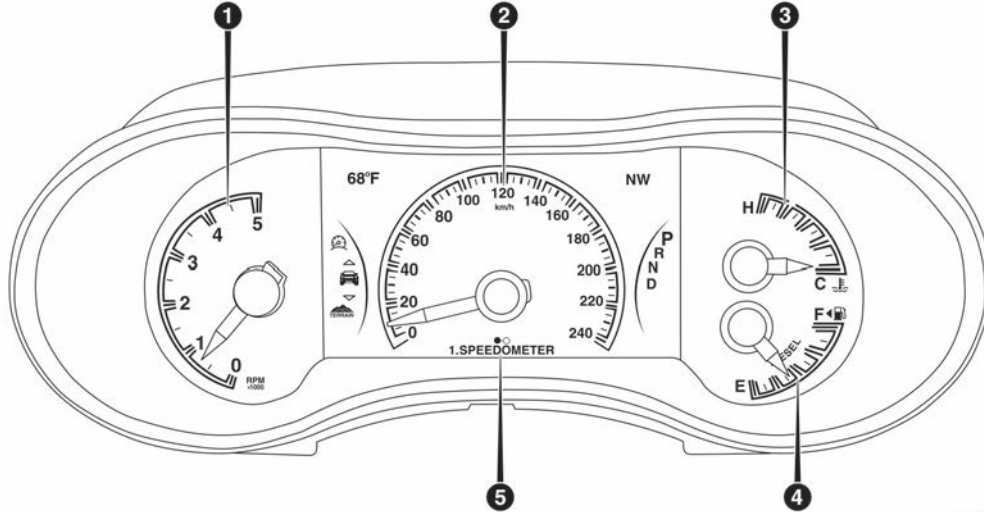
يشكل ارتفاع حرارة نظام تبريد المحرك خطورة بالغة. وقد يسبب لك وللآخرين حروقًا بالبخار أو السائل الساخن جدًا إلى درجة الغليان. ربما ترغب بالاتصال بالوكيل المعتمد من أجل الصيانة إذا ارتفعت درجة حرارة السيارة.

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 وأوقف تشغيل جهاز مكيف الهواء حتى يهبط المؤشر إلى النطاق العادي. إذا ظل المؤشر في "H"، فأوقف تشغيل المحرك على الفور واستدعي الوكيل المعتمد ليقوم بالصيانة.

4. مقياس الوقود

- يشير هذا المؤشر إلى مستوى الوقود في الخزان عند وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).
-  يشير رمز مضخة الوقود إلى جانب السيارة الذي يوجد فيه باب الوقود.



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مجموعة أجهزة القياس لمحرك الديزل

3. من المحتمل أن يشير مؤشر المقياس إلى درجة حرارة أعلى أثناء القيادة في الطقس الحار أو في أعالي الجبال. ويجب عدم السماح بأن يتجاوز المؤشر الحدود القصوى لدرجة حرارة التشغيل الطبيعية.

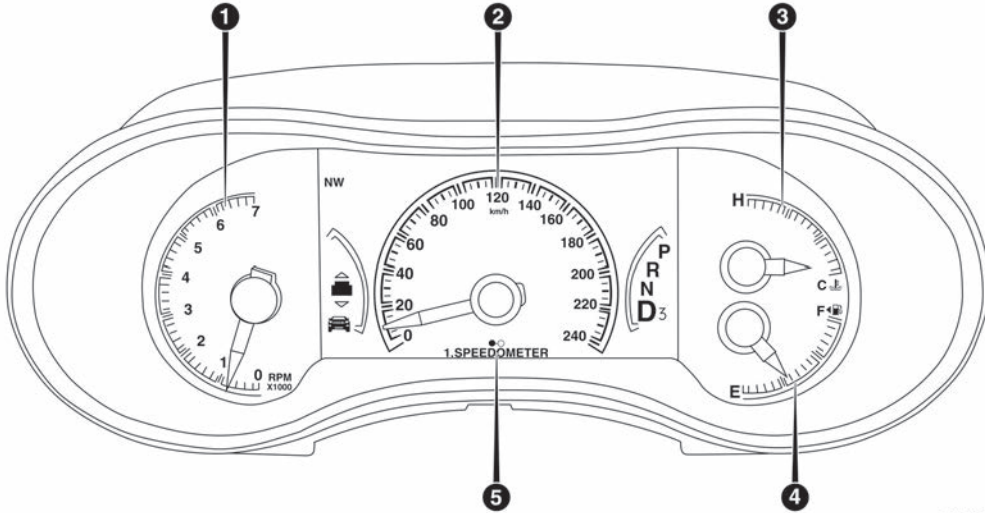
3. مقياس درجة الحرارة
• يدل مقياس درجة الحرارة على درجة حرارة سائل تبريد المحرك. فإذا كان مكان المؤشر في المدى الطبيعي، فسوف يدل ذلك على أن نظام تبريد المحرك يعمل بصورة صحيحة.

وصف مجموعة أجهزة القياس

1. عداد سرعة المحرك (التاكووميتر)
• يبين سرعة المحرك مقاسة بعدد الدورات في الدقيقة (عدد الدورات في الدقيقة × 1000).

2. Speedometer (عداد السرعة)

• يشير إلى سرعة السيارة.



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مجموعة أجهزة القياس

التعرف على لوحة أجهزة القياس

- ٧٨.. مجموعة أجهزة القياس
- ٧٩.. وصف مجموعة أجهزة القياس
- ٨٠.. شاشة عرض مجموعة أجهزة القياس
- ٨٠.. موقع شاشة عرض مجموعة أجهزة القياس ومفاتيح التحكم بها
- ٨١.. إعادة ضبط تغيير الزيت - إذا كانت السيارة مزودة بذلك
- ٨٢.. رسائل شاشة عرض مجموعة أجهزة القياس
- ٨٤.. عناصر قائمة شاشة عرض مجموعة أجهزة القياس
- رسالة **Battery Saver On** (تشغيل موفر طاقة البطارية)/ **Battery Saver Mode**
(وضع موفر طاقة البطارية) - إجراءات تقييد الحمل الكهربائي -
- ٨٨.. إذا كانت السيارة مزودة بذلك
- ٨٩.. كمبيوتر الرحلة
- ٨٩.. أضواء ورسائل التحذير
- ٩٠.. ضوء تحذيري باللون الأحمر
- ٩٢.. ضوء تحذيري باللون الأصفر
- ٩٥.. أضواء المؤشرات باللون الأصفر
- ٩٧.. أضواء مؤشرات باللون الأخضر
- ٩٧.. أضواء مؤشرات باللون الأبيض
- ٩٨.. أضواء مؤشر باللون الأزرق
- ٩٩.. نظام الفحص الذاتي - **OBD II**
- ٩٩.. نظام الفحص الذاتي (**Cybersecurity (OBD II)**)
- ٩٩.. برامج فحص الانبعاثات وصيانتها

وزع الحمولة بصورة متساوية على عارضات حامل السقف. 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.

لتحريك العارضات، قم بفك المثبتات، الموجودة على الحافة العليا لكل عارضة، بمعدل ثماني لفات تقريباً وباستخدام مفتاح منع السرقة المزود مع العارضات من Mopar. ثم حرك العارضة إلى الموضع المطلوب، مع محاذاة العارضات لإطار الحامل. وعند بلوغ العارضة للموضع المطلوب، أعد الإحكام باستخدام المفتاح لتثبيت العارضة في موضعه.

ملاحظة:

- للمساعدة على التحكم في الضوضاء الناجمة عن الرياح عند عدم استخدام العارضات، قم بوضع العارضات الأمامية والخلفية على مسافات تبلغ نحو 61 سم (24 بوصة) من بعضها البعض. ويمكن عندئذ تحقيق أفضل مستوى لتقليل الضوضاء من خلال ضبط العارضة الأمامية للأمام أو للخلف بزيادات تبلغ 2.5 سم (1 بوصة).
- في حالة وضع أي حمولة (أو أي جزء معدني) فوق هوائي الراديو المتصل بالقمر الصناعي (إذا كانت السيارة مزودة بذلك)، فقد تواجه انقطاعات في استقبال

إرسال الراديو. لتحسين استقبال إرسال الراديو المجهز لاستقبال إرسال القمر الصناعي، تجنب وضع العارضة الخلفي فوق هوائي الراديو المجهز لاستقبال إرسال القمر الصناعي.

تحذير!

يجب إحكام ربط الحمولة بصورة آمنة قبل قيادة السيارة. وقد تسقط الحمولة غير المربوطة بصورة صحيحة أثناء القيادة بسرعة عالية، مسببة حدوث إصابة شخصية أو تلف للممتلكات. اتبع التنبيهات الخاصة بحامل السقف عند نقل أي حمولة على سقف سيارتك.

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 مادة حماية أخرى بين الحمولة وسطح السقف.
- لتفادي تلف حامل السقف والسيارة يجب ألا تتجاوز السعة القصوى لحامل السقف 68 كجم (150 رطلاً). وزع دوماً الأوزان الثقيلة بصورة متساوية واربط الحمولة بصورة مناسبة في جميع الأوقات.

(تابع)

تنبيه! (تابع)

- يجب ربط الأحمال الطويلة التي تتجاوز الزجاج الأمامي مثل اللوحات الخشبية أو قوارب الإبحار أو الأحمال ذات مساحة أمامية عريضة في كلا الطرفين الأمامي والخلفي.
- ضع بطانية أو أية مادة حماية أخرى بين سطح السقف والحمولة.
- قم بقيادة السيارة بسرعة منخفضة وتوخي الحذر لدى الانعطاف عند وضع حمولات كبيرة وثقيلة على حامل السقف. وقد تضيق 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.
- لا ينصح باستخدام وضع Sport (الرياضة) عند استخدام حامل الأمتعة على السقف لحمل الحمولة.

باب حجرة حفظ النظارات الشمسية

يتم توفير وحدة لتخزين نظارتين شمسييتين في مقدمة الكونسول. يجب الضغط على باب الوصول لحجرة التخزين لفتحه والضغط ثانية لغلاقه وذلك حسب تصميمه. ادفع البطانة المصنوعة من الكروم بالباب لفتحه. ادفع البطانة المصنوعة من الكروم بالباب لغلاقه.



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باب حجرة حفظ النظارات الشمسية

حامل أمتعة سقفية - إذا كانت السيارة مزودة بذلك

صممت العارضات والأعمدة الجانبية لحمل الوزن في السيارات المزودة بحامل الأمتعة السقفية. يجب ألا يزيد وزن الحمولة عن 68 كجم (150 رطلاً) كما يجب توزيعه بصورة متساوية فوق العارضات للحامل السقفية.

ملاحظة:

إذا لم تكن سيارتك مجهزة بعارضات، فيمكن لوكلتك المعتمد طلب عارضات Mopar المصممة خصوصاً لنظام الحامل السقفية.

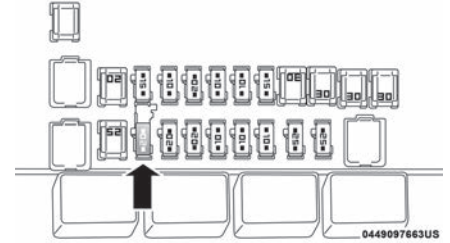
تحذير!

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 المآخذ بشكل خاطئ، قد يتسبب ذلك في حدوث صدمة كهربائية وخطر كهربائي.

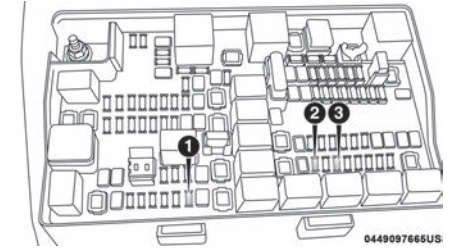
تنبيه!

- تقوم العديد من الأجهزة التي يمكن توصيلها بالمآخذ بسحب الطاقة من البطارية حتى أثناء عدم استخدامها (مثل الهاتف المتنقل). وبالتالي إذا تم توصيلها لفترات طويلة، فسؤدي 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) ستقتصر عمر البطارية بصورة أسرع. لذا لا تستعمل هذه الأجهزة إلا بصورة متقطعة وبحذر.
- بعد استخدام الأجهزة التي تسحب طاقة عالية أو عند عدم تشغيل السيارة (عند توصيل الأجهزة بالمقابس) لفترات طويلة يجب قيادة السيارة لمدة كافية لتتيح للمولد الكهربائي شحن البطارية.



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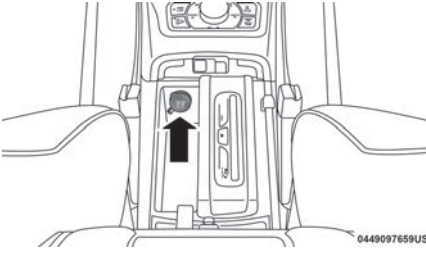
منصهر اللوحة الربعية الخلفية اليمنى الخاصة بمآخذ الطاقة



0449097665US

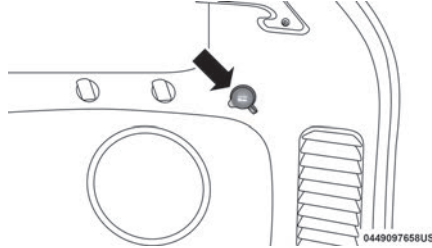
مواضع منصهرات مأخذ الطاقة

- 1 — المنصهر رقم F104 الأصفر لمآخذ الطاقة الموجود بحاوية الكونسول بقدرة 20 أمبير
- 2 — المنصهر رقم F90-F91 الأصفر لمآخذ الطاقة باللوحة الربعية الخلفية اليمنى بقدرة 20 أمبير
- 3 — المنصهر رقم F93 الأصفر لولاعة السجائر بلوحة أجهزة القياس بقدرة 20 أمبير



مأخذ طاقة الكونسول المركزي

يوجد مأخذ الطاقة الخلفي في منطقة الحمولة الخلفية اليمنى.



مأخذ الطاقة في منطقة الحمولة الخلفية

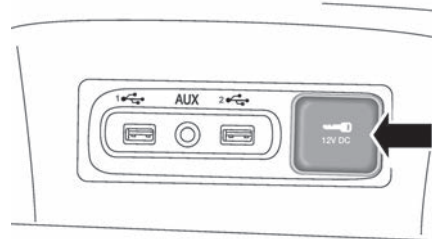
ملاحظة:

يمكن تبديل مأخذ الطاقة الخلفي من التشغيل عن طريق "مفتاح التشغيل" فقط إلى "البطارية" بحيث يتم تزويده بالبطاقة في كل الأوقات. راجع الوكيل المعتمد المحلي للحصول على التفاصيل.

تنبيه!

صممت منافذ الطاقة فقط لتوصيل الملحقات. لا تقم بإدخال أي شيء آخر في منافذ الطاقة لأن ذلك سيتلف المأخذ ويحرق المنصهر. ويؤدي عدم استخدام منفذ الطاقة بصورة صحيحة إلى حصول أضرار لا يشملها الضمان المحدود للسيارة الجديدة.

يقع مأخذ الطاقة الأمامي داخل منطقة التخزين في المجموعة الوسطى من لوحة أجهزة القياس. اضغط على غطاء التخزين للداخل لفتح الصندوق والتمكن من الوصول إلى مأخذ الطاقة هذا.



0322135353US

مأخذ الطاقة الأمامي

بالإضافة إلى مأخذ الطاقة الأمامي، يوجد أيضًا مأخذ طاقة في منطقة التخزين بالكونسول المركزي.

يوجد اثنان من حاملات الأكواب لركاب المقعد الخلفي في مسند الذراع الأوسط القابل للطي.



حاملات الأكواب الخلفية

منافذ الطاقة الكهربائية

سيارتك مزودة بمأخذ طاقة قدرتها 12 فولت (15 أمبيرًا) 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 المأخذ بالطاقة. يتم تزويد مأخذ الطاقة المميزة برمز "المفتاح" بالطاقة عندما يكون مفتاح التشغيل في وضع ON (التشغيل) أو ACC (الملحقات)، بينما المأخذ المميزة برمز "البطارية" تتصل مباشرة بالبطارية ويتم تزويدها بالطاقة في كل الأوقات.

ملاحظة:

- يجب إزالة جميع الملحقات المتصلة بمأخذ الطاقة التي تعمل بالبطارية أو يجب أن يتم إيقاف تشغيلها في حالة عدم استخدام السيارة لحماية البطارية من التفريغ.



الكونسول العلوي

حاملات الأكواب

يوجد اثنان من حاملات الأكواب لركاب المقعد الأمامي في الكونسول المركزي.



حاملات الأكواب الأمامية

0352097381US

قد تكون سيارتك مزودة بمشغل أقراص مضغوطة أو أقراص DVD اختياري في الكونسول المركزي.



0352097380US

مشغل أقراص مضغوطة/أقراص DVD بجزء التخزين السفلية. إذا كانت السيارة مزودة بذلك

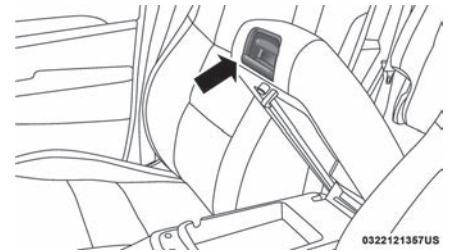
تحذير!

لا تقم بتشغيل السيارة أثناء وجود غطاء حجرة الكونسول في وضع الفتح. قد تتسبب القيادة وغطاء حجرة الكونسول مفتوحًا في حدوث إصابة عند وقوع تصادم.

الكونسول العلوي

يحتوي الكونسول العلوي على أضواء الزينة/القراءة ومخزن النظارات الشمسية. ربما يتم أيضًا إدراج مفاتيح باب المؤخرة العامل بالطاقة والسقف المتحرك العامل بالطاقة، إذا كانت السيارة مزودة بذلك.

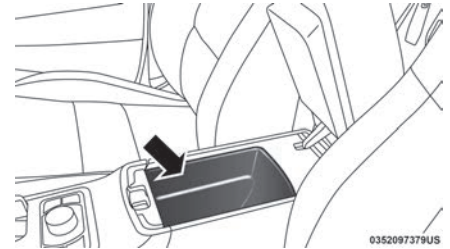
لفتح حجرة التخزين العلوية، اجذب المزلاج الصغير الموجود على الغطاء لأعلى.



0322121367US

مزلاج حجرة التخزين

ارفع المزلاج الأكبر للوصول إلى حجرة التخزين السفلية.

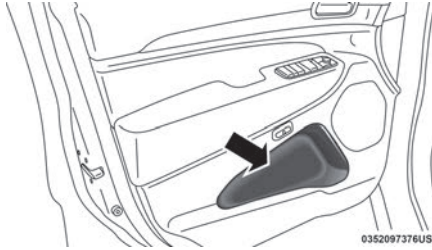


0352097379US

حجرة التخزين السفلية

التخزين في الباب

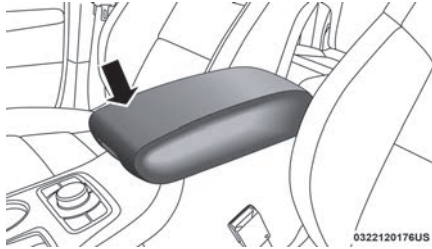
تم تضمين مناطق تخزين كبيرة في لوحات الأبواب لتسهيل الوصول إليها.



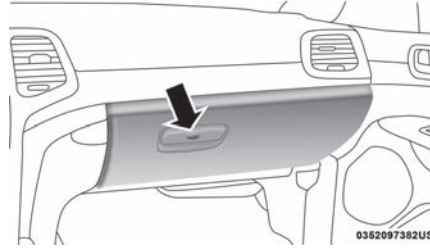
موضع تخزين في لوحة الباب

ميزات الكونسول

يحتوي الكونسول المركزي على منطقتي تخزين علوية وسفلية.

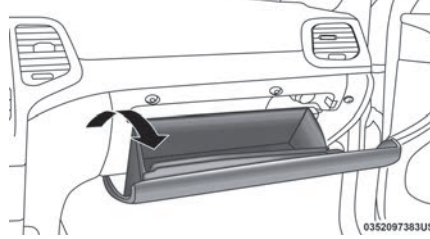


حجرة التخزين



حجرة القفازات

افتح صندوق القفازات، اسحب مقبض التحرير للخارج.



حجرة القفازات المفتوح

تحذير! (تابع)

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 دائماً 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 مؤخره السيارة.
- لا تقم بتكديس الأمتعة أو الحمولة لتصل إلى موضع أعلى من ظهر المقعد. فقد يتسبب ذلك في حجب الرؤية أو يصبح أحد الأمتعة جسم مندفع خطر عند التوقف المفاجئ أو وقوع حادث.

المعدات الداخلية

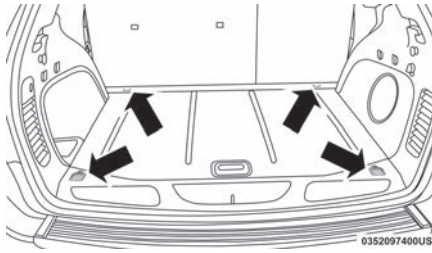
التخزين

حجرة القفازات

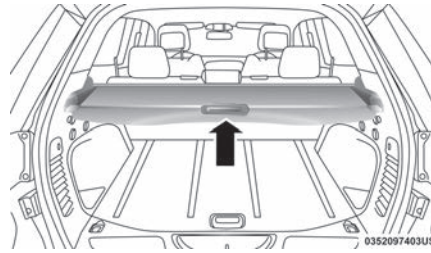
يوجد صندوق القفازات في جانب الراكب من لوحة أجهزة القياس.

تحذير!

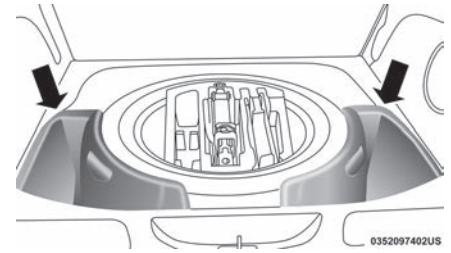
لا تقم بتشغيل هذه السيارة وصندوق القفازات في وضع الفتح. قد تتسبب القيادة وصندوق القفازات مفتوح في حدوث إصابة عند وقوع تصادم.



أربطة تثبيت الحمولة الخلفية



غطاء الحمولة الخلفية



علب التخزين السفلية الخلفية

تحذير!

- للمساعدة في الحماية ضد الإصابات الشخصية يجب ألا يجلس الركاب في منطقة الحمولة الخلفية. لقد تم تصميم منطقة الحمولة الخلفية لأغراض تحميل الأشياء فقط وليس للركاب الذين يتوجب عليهم الجلوس على المقاعد واستخدام أحزمة الأمان.
- لا تعد خطاطيف تثبيت الحمولة وسيلة آمنة لربط شريط التثبيت الخاص بمقعد الطفل. فعند التوقف المفاجئ أو حدوث تصادم قد ينفك أحد الخطاطيف ويؤدي إلى جعل مقعد الطفل حر الحركة. وحينها قد يتعرض الطفل لإصابة بالغة. استخدم فقط المثبتات المزودة مع أشرطة تثبيت مقعد الطفل.

(تابع)

تحذير!

عند وقوع تصادم، قد يتسبب ترك غطاء منطقة الحمولة غير محكم الإغلاق إلى التسبب في حدوث إصابة. فقد يطير في حالة التوقف المفاجئ ويصيب أحد الموجودين بالسيارة. لا تقم بتخزين غطاء منطقة الحمولة على أرضية منطقة الحمولة أو في مقصورة الركاب. قم بإزالة الغطاء من السيارة عند فكه من مكانه. لا تقم بتخزينه في السيارة.

أربطة تثبيت الحمولة الخلفية

يجب أن تستخدم أربطة تثبيت الحمولة الخلفية الموجودة على أرضية منطقة الحمولة لتأمين الحمولة أثناء سير السيارة.

غطاء منطقة الحمولة القابل للسحب - إذا كانت السيارة مزودة بذلك

ملاحظة:

إن الغرض من هذا الغطاء هو ضمان الخصوصية وليس تأمين المواد المحملة. وهذا الغطاء لا يمنع انتقال الحمولة أو يحمي الركاب من الحمولة غير المثبتة جيداً. لتغطية منطقة الحمولة:

1. امسك الغطاء من المقبض الأوسط. اسحبه فوق منطقة الحمولة.
2. أدخل السنون على نهايات الغطاء في الفتحات الموجودة على غطاء كسوة العمود.
3. يمكن فتح باب المؤخرة أثناء وجود غطاء الحمولة في موضعه.

ملاحظة:

• لن تعمل أزرار باب المؤخرة العامل بالطاقة إذا كان السيارة معشقة في أحد التروس أو إذا كانت سرعة السيارة أعلى من 0 كم/ساعة (0 ميل/الساعة).

• لن يعمل باب المؤخرة العامل بالطاقة في درجات حرارة أدنى من -30 درجة مئوية (-22 درجة فهرنهايت) أو درجات حرارة أعلى من 65 درجة مئوية (150 درجة فهرنهايت). وتأكد من إزاحة أية تراكمات ثلجية أو جليدية من باب المؤخرة قبل الضغط على أي زر مفتاح من مفاتيح التحكم بباب المؤخرة العامل بالطاقة.

• إذا كان هناك أي عائق يعترض طريق باب المؤخرة المنزلق العامل بالطاقة عند غلقه أو فتحه، فإن الباب يعود أوتوماتيكيًا إلى وضع الغلق أو الفتح بشرط أن يتعرض لمقاومة كافية.

• وهناك أيضًا مستشعرات للضغط مركبة على جانب باب المؤخرة. ويؤدي الضغط الخفيف على أي جزء من هذه الوحدات إلى إعادة باب المؤخرة إلى الوضع المفتوح.

• إذا لم يكن باب المؤخرة مفتوحًا بالكامل، فاضغط على زر liftgate (باب المؤخرة) الموجود على حافظة المفاتيح مرتين لتشغيل باب المؤخرة.

• إذا تم الضغط على مفتاح تحرير باب المؤخرة الإلكتروني أثناء غلق باب المؤخرة العامل بالطاقة فسيُرجع باب المؤخرة إلى وضع الفتح الكامل.

• إذا تم الضغط على مفتاح تحرير باب المؤخرة الإلكتروني أثناء فتح باب المؤخرة، فسيُتوقف تشغيل موتور باب المؤخرة للسماح بالتشغيل اليدوي.

• إذا كانت هناك عدة عوائق تعترض طريق باب المؤخرة العامل بالطاقة في عملية تشغيل واحدة، فسوف يتوقف الباب أوتوماتيكيًا ويجب فتح باب المؤخرة أو غلقه باليد.

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.

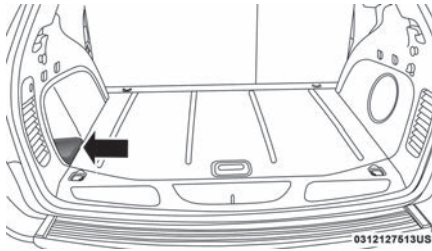
ميزات منطقة الحمولة

علب تخزين الحمولة

• هناك ما يصل إلى أربع علب تخزين قابلة للإزالة في منطقة الحمولة الخلفية. وتوجد اثنتان من علب التخزين على كل جانب من جانبي منطقة التخزين.

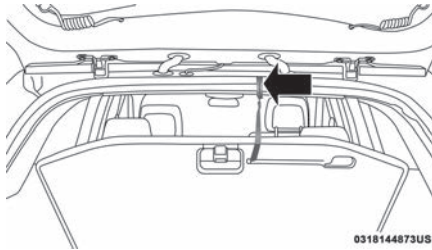
ملاحظة:

• إذا كانت سيارتك مزودة بنظام مضخم الصوت الخلفي، فلن تكون علب التخزين في هذا الجانب متاحة.



علبة التخزين الخلفية

• هناك علبتان إضافيتان للتخزين تحت أرضية الحمولة. للوصول إلى علب التخزين السفلية، ارفع أرضية الحمولة وثبت شريط التطويل (المثبت أسفل أرضية الحمولة) في فتحة باب المؤخرة.



شريط التطويل

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 أقفال الأبواب اليدوية على الأبواب وأسطوانة قفل باب السائق بقفل باب المؤخرة أو إلغاء قفله.

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.

الإغلاق

لإغلاق باب المؤخرة يدويًا، أمسك بمقبض إغلاق باب المؤخرة وابدأ في خفض باب المؤخرة. حرر المقبض عندما يكون باب المؤخرة مغلقًا جزئيًا وسيؤدي الدفع إلى إغلاق باب المؤخرة بالكامل.

لقفل باب المؤخرة

باستخدام حافظة مفاتيح صالحة مزودة بنظام الدخول غير النشط ضمن مسافة 1.5 متر (5 أقدام) من باب المؤخرة، يؤدي الضغط على زر القفل المزود بميزة الحركة والتشغيل من دون مفتاح - نظام الدخول غير النشط الموجود على يسار مفتاح تحرير المقبض الخارجي إلى قفل السيارة.

يمكن إغلاق باب المؤخرة العامل بالطاقة بالضغط على الزر الموجود على الكسوة العلوية اليسرى في فتحة باب

المؤخرة. يؤدي الضغط على الزر إلى إغلاق باب المؤخرة فقط. لا يمكن استخدام هذا الزر لفتح باب المؤخرة.

ملاحظة:

تعد ميزة إلغاء قفل نظام الدخول لباب المؤخرة ميزة مدمجة في مفتاح تحرير باب المؤخرة الإلكتروني.

باب المؤخرة العامل بالطاقة - إذا كانت السيارة مزودة بذلك

يمكن فتح باب المؤخرة العامل بالطاقة بالضغط على مفتاح تحرير باب المؤخرة الإلكتروني (راجع "ميزة الحركة والتشغيل من دون مفتاح - نظام الدخول غير النشط" الموجود في "التعرف على السيارة")



للحصول على مزيد من المعلومات أو بالضغط على زر باب المؤخرة بحافظة المفاتيح. اضغط على زر liftgate (باب المؤخرة) في حافظة المفاتيح مرتين متتاليتين خلال خمس ثوانٍ لفتح باب المؤخرة العامل بالطاقة. بمجرد فتح باب المؤخرة، يؤدي الضغط مرتين على الزر خلال 5 ثوانٍ للمرة الثانية إلى غلقه.

كما يمكن أيضًا فتح باب المؤخرة العامل بالطاقة أو غلقه بالضغط على زر liftgate (باب المؤخرة) الموجود على الكونسول العلوي الأمامي. في حالة فتح باب المؤخرة بشكل كامل، يمكن إغلاقه بالضغط على زر liftgate (باب المؤخرة) الموجود على لوحة الكسوة الخلفية اليسرى بالقرب من فتحة باب المؤخرة. إذا كان باب المؤخرة في

حالة حركة، فسيؤدي الضغط على زر liftgate (باب المؤخرة) الموجود على لوحة الكسوة الخلفية اليسرى إلى عكس باب المؤخرة.

عند الضغط على زر باب المؤخرة على حافظة المفاتيح مرتين، تومض إشارات الانعطاف مرتين للإشارة إلى فتح أو إغلاق باب المؤخرة (في حالة تمكين Flash Lamps with Lock) (وميض الأضواء عند القفل) في إعدادات نظام Uconnect) ويمكن سماع إشارة صوتية لباب المؤخرة. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" للحصول على مزيد من المعلومات.

ملاحظة:

- في حالة حدوث خلل كهربائي في باب المؤخرة، يمكن استخدام مفتاح التحرير في حالات الطوارئ لمزلاج باب المؤخرة لفتح باب المؤخرة. ويمكن الوصول لزر تحرير مزلاج باب المؤخرة من خلال الغطاء الموجود على لوحة كسوة باب المؤخرة.
- في حالة ترك باب المؤخرة مفتوحًا لفترة طويلة من الوقت، قد يحتاج باب المؤخرة إلى إغلاقه يدويًا لإعادة تعيين وظيفة باب المؤخرة.

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.

إغلاق غطاء المحرك

1. ارفع غطاء المحرك بيد واحدة واستخدم اليد الأخرى في إخراج قضيب الدعم من مكانه وأعد إدخاله في لسان القفل.
2. أنزل غطاء المحرك بمقدار 12 بوصة (30 سم) من غرفة المحرك ثم أسقطه. تأكد من إغلاق غطاء المحرك تمامًا.

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.

تنبيه!

تجنب غلق غطاء المحرك بقوة لتفادي أي تلف ممكن. أنزل غطاء المحرك بمقدار 30 سم (12 بوصة) تقريبًا ثم أسقطه لإغلاقه. تأكد من إغلاق غطاء المحرك تمامًا لكلا المزلجين. لا تقم بقيادة السيارة أبدًا إلا إذا كان غطاء المحرك مغلقًا غلقًا تامًا وبعد تعشيق كلا المزلجين.

باب المؤخرة

الفتح

يمكن فتح باب المؤخرة من داخل السيارة باستخدام زر باب المؤخرة العامل بالطاقة الموجود في الكونسول العلوي، أو باستخدام حافظه المفاتيح خارج السيارة أو مفتاح تحرير باب المؤخرة الإلكتروني.

إلغاء قفل/دخول باب المؤخرة

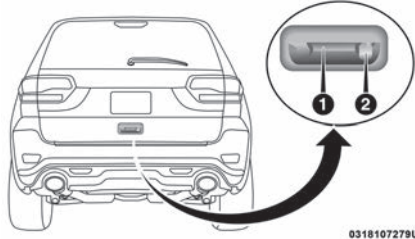
يمكن تحرير باب المؤخرة بعدة طرق:

- حافظه المفاتيح
- المقبض الخارجي
- زر موجود في الكونسول العلوي

تعد ميزة إلغاء قفل نظام الدخول غير النشط لباب المؤخرة ميزة مدمجة في مفتاح تحرير باب المؤخرة الإلكتروني. مع وجود حافظه مفاتيح مزودة بنظام دخول غير نشط صالحة ضمن مسافة 5 أقدام (1.5 متر) من باب المؤخرة، اضغط على مفتاح تحرير باب المؤخرة الإلكتروني لفتحه بحركة واحدة سريعة. اضغط الزر في حافظه المفاتيح مرتين متتاليتين خلال خمس ثوان لتحرير باب المؤخرة.

ملاحظة:

في حالة برمجة "Unlock All Doors 1st Press" (إلغاء قفل جميع الأبواب عند الضغطة الأولى) في شاشة عرض مجموعة أجهزة القياس، يتم فتح كل الأبواب عند الضغط على مفتاح التحرير الإلكتروني الموجود على باب المؤخرة. في حالة برمجة "Unlock Driver Door 1st Press" (إلغاء قفل جميع الأبواب عند الضغطة الأولى) في نظام Uconnect، سيتم فقط إلغاء قفل باب المؤخرة عندما تضغط على التحرير الإلكتروني الموجود على باب المؤخرة. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.



0318107279US

موقع زر الدخول غير النشط/القفل

1 — مفتاح تحرير باب 2 — موقع زر القفل
المؤخرة الإلكتروني

الشمسية إلى وضع الفتح الكامل. سيؤدي تحرير المفتاح أثناء حركة الستارة الشمسية إلى إيقاف الستارة الشمسية في وضع الفتح الجزئي.

إغلاق المظلة العاملة بالطاقة

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.

الإغلاق السريع

اضغط على مفتاح الستارة الشمسية نحو الأمام وحرره خلال مدة قدرها ثانية ونصف وسيتم إغلاق الستارة الشمسية بصورة أوتوماتيكية. أثناء عملية "الإغلاق السريع"، سيؤدي أي تشغيل آخر لمفاتيح السقف المتحرك إلى إيقاف الستارة الشمسية في وضع الفتح الجزئي.

الإغلاق اليدوي

اضغط مع الاستمرار على المفتاح إلى الأمام وسيتم إغلاق الستارة الشمسية وتتوقف عند وضع الإغلاق الكامل. 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، فسيترجع 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.

تهوية السقف المتحرك - الوضع السريع

اضغط على الزر "Vent" (تهوية) ثم حرره خلال ثانية ونصف، حيث سيفتح السقف المتحرك في وضع التهوية. يسمى ذلك "التهوية السريعة" ويحدث بغض النظر عن وضع السقف المتحرك. أثناء التهوية السريعة تؤدي أي حركة للمفتاح إلى إيقاف السقف المتحرك.

ملاحظة:

إذا كانت الستارة الشمسية في وضع الإغلاق عند الضغط على مفتاح التهوية، فسيتم تدوير الستارة الشمسية تلقائيًا إلى وضع نصف الفتح قبل فتح السقف المتحرك إلى وضع التهوية.

صيانة السقف المتحرك

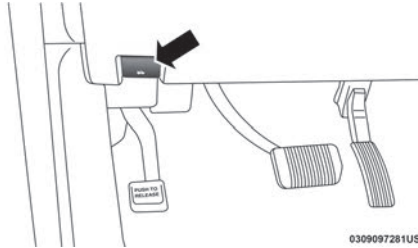
استخدم منظف غير كاشط وقطعة قماش ناعمة لتنظيف اللوحة الزجاجية.

غطاء المحرك

لفتح غطاء المحرك

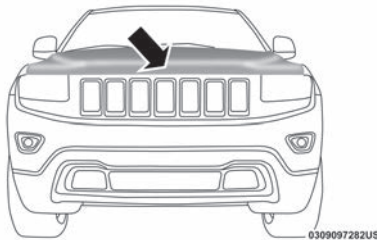
لفتح غطاء المحرك يجب تحرير مزلاجين.

1. اسحب ذراع التحرير الموجود بأسفل لوحة أجهزة القياس وفي مقدمة باب السائق.



تحرير غطاء المحرك

2. قم بالوصول لأسفل غطاء المحرك، وحرك مزلاج الأمان إلى اليسار وارفع غطاء المحرك.



موقع مزلاج الأمان

فتح السقف المتحرك

يتضمن السقف المتحرك اثنتين من عمليات الإيقاف الأوتوماتيكية المبرمجة لوضع فتح السقف المتحرك؛ وهما وضع الإيقاف المريح ووضع الفتح الكامل. تم تحسين وضع الإيقاف المريح لتقليل اهتزاز السيارة بسبب هبوب الرياح.

الوضع السريع

اضغط على المفتاح للخلف وحرره في غضون ثانية ونصف. سيتم فتح السقف المتحرك أوتوماتيكيًا إلى وضع الإيقاف المريح. اضغط على المفتاح للخلف وحرره مرة أخرى، وسوف يُفتح السقف المتحرك إلى وضع الفتح الكامل، ثم يتوقف تلقائيًا. وذلك ما يسمى "بالفتح السريع". أثناء "الفتح السريع"، أي حركة للمفتاح تؤدي إلى إيقاف السقف المتحرك.

الوضع اليدوي

لفتح السقف المتحرك، اضغط مطولًا على المفتاح للخلف. سيتوقف السقف المتحرك أوتوماتيكيًا عند وضع الإيقاف المريح. اضغط مطولًا على المفتاح للخلف مرة أخرى، وسوف يُفتح السقف المتحرك إلى وضع الفتح الكامل، ثم يتوقف تلقائيًا. ويؤدي أي تحرير للمفتاح إلى توقف الحركة. وسوف يظل السقف المتحرك والستارة الشمسية في وضع إغلاق جزئي حتى يتم الضغط على المفتاح للخلف مرة أخرى وإبقاؤه على هذا الوضع.

ملاحظة:

إذا كانت الستارة الشمسية في وضع الإغلاق عند بدء تشغيل الفتح السريع أو الفتح اليدوي، فسوف تفتح الستارة الشمسية أوتوماتيكيًا إلى وضع الفتح الجزئي قبل فتح السقف المتحرك.

إغلاق السقف المتحرك

الإغلاق السريع

اضغط على الزر للأمام وحرره خلال مدة قدرها ثانية ونصف وسيتم إغلاق السقف المتحرك بشكل تلقائي مهما كان وضعه. أثناء عملية "الإغلاق السريع"، سيؤدي أي تشغيل آخر لمفاتيح السقف المتحرك إلى إيقاف السقف المتحرك في وضع الفتح الجزئي.

الإغلاق اليدوي

اضغط مع الاستمرار على المفتاح إلى الأمام وسيتم إغلاق السقف المتحرك من أي وضع ويتوقف عند وضع الإغلاق الكامل. سيؤدي تحرير المفتاح أثناء حركة السقف المتحرك إلى إيقاف السقف المتحرك في وضع الفتح الجزئي.

اهتزاز السيارة بسبب هبوب الرياح

يمكن وصف اهتزاز السيارة بسبب هبوب الرياح كالضغط المسلط على الأذن أو كصوت طائرات الهليكوبتر. قد تتعرض سيارتك للاهتزاز بفعل الرياح أثناء خضف 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 اهتزاز السيارة بسبب هبوب الرياح عند فتح النافذتين الخلفيتين، فافتح النوافذ الأمامية

والخلفية في الوقت نفسه لتقليل تأثير الرياح. في حالة تعرض السيارة للاهتزاز بفعل الرياح أثناء فتح السقف المتحرك، فاضبط السقف المتحرك لتقليل قوة هبوب الرياح أو افتح زجاج أي نافذة.

فتح المظلة العاملة بالطاقة

تشتمل الستارة الشمسية على وضعي فتح مبرمجين: وضع الفتح إلى المنتصف ووضع الفتح الكامل. عند تشغيل الستارة الشمسية من وضع الغلق، ستوقف الستارة الشمسية دائمًا في وضع الفتح إلى المنتصف بغض النظر عن تشغيل الفتح السريع أو اليدوي. يجب تشغيل المفتاح مرة أخرى لمتابعة التشغيل إلى وضع الفتح الكامل.

الفتح السريع

ادفع مفتاح الستارة الشمسية للخلف وحرره خلال ثانية ونصف، وسيتم فتح الستارة الشمسية إلى وضع الفتح إلى المنتصف وتتوقف أوتوماتيكيًا. اضغط على المفتاح وحرره مرة أخرى من وضع الفتح إلى المنتصف وسيتم فتح الستارة الشمسية إلى وضع الفتح الكامل وتتوقف أوتوماتيكيًا. أثناء عملية "الفتح السريع"، سيؤدي أي تشغيل آخر لمفاتيح السقف المتحرك إلى إيقاف الستارة الشمسية في وضع الفتح الجزئي.

الفتح اليدوي

اضغط مع الاستمرار على مفتاح الستارة الشمسية إلى الخلف، وسيتم فتح الستارة الشمسية إلى وضع الفتح إلى المنتصف وتتوقف أوتوماتيكيًا. اضغط مع الاستمرار على مفتاح الستارة الشمسية مرة أخرى وسيتم فتح الستارة

إجراء إعادة التهينة

بالنسبة إلى السيارات المزودة بسقف متحرك ذي لوحة واحدة، يوجد إجراء إعادة التهينة الذي يتيح لك إعادة ضبط السقف المتحرك عندما تتوقف ميزة "الفتح السريع" عن العمل. لإعادة ضبط السقف المتحرك، اتبع الخطوات التالية:

1. اضبط مفتاح التشغيل على وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق).
2. تأكد من إغلاق السقف المتحرك بالكامل.
3. اضغط على مفتاح السقف المتحرك للأمام مع الاستمرار. سيتم إغلاق السقف المتحرك بالكامل، ثم يتحرك إلى وضع Vent (التهوية) بعد 10 ثوان.
4. حرر مفتاح السقف المتحرك، ثم ادفع المفتاح مرة أخرى إلى الأمام مع الاستمرار في غضون 5 ثوان لبدء عملية التهينة. سوف يكمل السقف المتحرك دورة كاملة واحدة ويعود إلى وضع الإغلاق الكامل.

ملاحظة:

إذا تم تحرير مفتاح فتحة السقف في أي وقت أثناء دورة التهينة، فسوف تحتاج إلى تكرار الإجراء بدءًا من الخطوة الأولى.

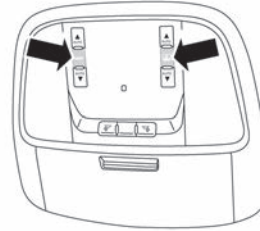
5. بمجرد توقف السقف المتحرك في وضع الإغلاق الكامل، حرر مفتاح فتحة السقف. تم الآن إعادة ضبط السقف المتحرك وأصبح جاهزًا للاستخدام.

السقف المتحرك COMMAND VIEW

المزود بستارة عاملة بالطاقة - إذا كانت السيارة مزودة بذلك

يوجد مفتاح السقف المتحرك CommandView على اليسار بين واقبات الشمس على الكونسول العلوي.

يوجد مفتاح الستارة العاملة بالطاقة على اليمين بين واقبات الشمس على الكونسول العلوي.



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مفتاح السقف المتحرك CommandView والستارة العاملة بالطاقة

تحذير!

- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مغلقة. لا تترك مطلقًا حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه. لا تترك مفتاح التشغيل بسيارة مزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). يمكن أن يحبس الركاب، وخاصة الأطفال المتروكون بمفردهم، داخل السيارة بواسطة السقف المتحرك العامل بالطاقة، وذلك أثناء تشغيل مفتاح السقف المتحرك العامل بالطاقة. وقد يسفر ذلك عن وقوع إصابة بالغة أو الوفاة.
- فعند وقوع تصادم، يوجد احتمال كبير أن يقذف بالركاب من خلال السقف المتحرك المفتوح. وقد تتعرض أيضًا لإصابة بالغة أو الموت. ينبغي دومًا 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 السقف المتحرك

الوضع السريع

اضغط على المفتاح للخلف وحرره خلال مدة قدرها ثانية ونصف وسيتم إغلاق السقف المتحرك أوتوماتيكياً ومهما كان وضعه. يتم فتح السقف المتحرك بالكامل ثم يتوقف أوتوماتيكياً. وذلك ما يسمى "بالفتح السريع". أثناء عملية "الفتح السريع"، أي حركة لمفتاح السقف المتحرك تؤدي إلى إيقاف السقف المتحرك.

Manual (يدوي)

لفتح السقف المتحرك، اضغط مطولاً على المفتاح للخلف إلى وضع الفتح الكامل. ويؤدي أي تحرير للمفتاح إلى توقف الحركة. وسوف يظل السقف المتحرك والستارة الشمسية في وضع الفتح الجزئي حتى يتم الضغط على مفتاح السقف المتحرك مرة أخرى.

إغلاق السقف المتحرك

الوضع السريع

اضغط على الزر للأمام وحرره خلال مدة قدرها ثانية ونصف وسيتم إغلاق السقف المتحرك بشكل تلقائي مهما كان وضعه. سوف يغلق السقف المتحرك بالكامل ثم تتوقف أوتوماتيكياً. وذلك ما يسمى "بالإغلاق السريع". أثناء عملية الغلق السريع يؤدي أي تشغيل للمفتاح إلى إيقاف السقف المتحرك.

Manual (يدوي)

لإغلاق السقف المتحرك، اضغط مطولاً على المفتاح باتجاه الوضع الأمامي. ويؤدي أي تحرير للمفتاح إلى توقف الحركة وبقاء السقف المتحرك في وضع إغلاق جزئي حتى يتم الضغط على مفتاح السقف المتحرك مرة أخرى.

اهتزاز السيارة بسبب هبوب الرياح

يمكن وصف اهتزاز السيارة بسبب هبوب الرياح كالضغط المسلط على الأذن أو كصوت طائرات الهليكوبتر. قد تتعرض سيارتك للاهتزاز بفعل الرياح أثناء خفض زجاج النوافذ، أو فتح السقف المتحرك (إذا كانت السيارة مزودة بذلك) فتحاً كلياً أو جزئياً. ويعتبر ذلك أمراً طبيعياً ومن الممكن تقليل تأثيره. إذا حصل اهتزاز السيارة بسبب هبوب الرياح عند فتح النافذتين الخلفيتين، فافتح النوافذ الأمامية والخلفية في الوقت نفسه لتقليل تأثير الرياح. في حالة تعرض السيارة للاهتزاز بفعل الرياح أثناء فتح السقف المتحرك، فاضبط السقف المتحرك لتقليل قوة هبوب الرياح أو افتح زجاج أي نافذة.

تشغيل الوقاية من الشمس

يمكن فتح فتحة الوقاية من الشمس يدوياً. ومع ذلك، فإن الوقاية من الشمس تفتح أوتوماتيكياً مثل السقف المتحرك.

ملاحظة:

لا يمكن غلق فتحة الوقاية من الشمس إذا كان السقف المتحرك مفتوحاً.

ميزة الحماية ضد الانضغاط

سنتكتشف هذه الميزة وجود عائق في إغلاق السقف المتحرك أثناء إجراء الإغلاق السريع. إذا تم اكتشاف عائق في مسار السقف المتحرك، فسيترجع السقف المتحرك إلى مكانه أوتوماتيكياً. 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.

تهوية السقف المتحرك - الوضع السريع

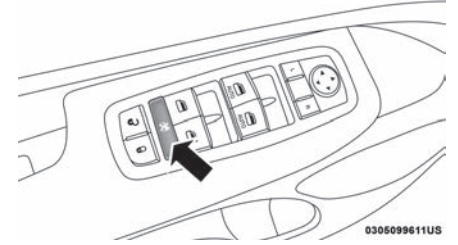
اضغط على الزر Vent (تهوية) ثم حرره خلال ثانية ونصف، حيث سيفتح السقف المتحرك في وضع التهوية. يسمى ذلك "التهوية السريعة" ويحدث بغض النظر عن وضع السقف المتحرك. أثناء التهوية السريعة تؤدي أي حركة للمفتاح إلى إيقاف السقف المتحرك.

صيانة السقف المتحرك

استخدم منظف غير كاشط وقطعة قماش ناعمة لتنظيف اللوحة الزجاجية.

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 مرة أخرى).



مفتاح قفل النوافذ

اهتزاز السيارة بسبب هبوب الرياح

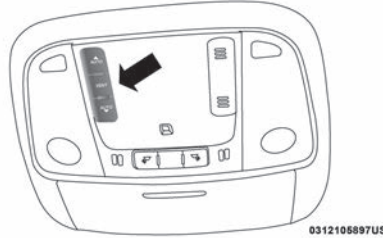
يمكن وصف اهتزاز السيارة بسبب هبوب الرياح كالضغط المسلط على الأذن أو كصوت طائرات الهليكوبتر. قد تتعرض سيارتك للاهتزاز بفعل الرياح أثناء خفض زجاج النوافذ، أو فتح السقف المتحرك (إذا كانت السيارة مزودة

بذلك) فتحًا كليًا أو جزئيًا. ويعتبر ذلك أمرًا طبيعيًا ومن الممكن تقليل تأثيره. إذا حصل اهتزاز السيارة بسبب هبوب الرياح عند فتح النافذتين الخلفيتين، فافتح النوافذ الأمامية والخلفية في نفس الوقت لتقليل تأثير الرياح. في حالة تعرض السيارة للاهتزاز بفعل الرياح أثناء فتح السقف المتحرك، فاضبط السقف المتحرك لتقليل قوة هبوب الرياح أو افتح زجاج أي نافذة.

السقف المتحرك العامل بالطاقة - إذا كانت

السيارة مزودة بذلك

يوجد مفتاح السقف المتحرك العامل بالطاقة بين واقيات الشمس المثبتة على الكونسول العلوي.



مفتاح السقف المتحرك العامل بالطاقة

تحذير!

- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مغلقة. لا تترك مطلقًا حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه. لا تترك مفتاح التشغيل بسيارة مزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). يمكن أن يحبس الركاب، وخاصة الأطفال المتروكون بمفردهم، داخل السيارة بواسطة السقف المتحرك العامل بالطاقة، وذلك أثناء تشغيل مفتاح السقف المتحرك العامل بالطاقة. وقد يسفر ذلك عن وقوع إصابة بالغة أو الوفاة.
- فعند وقوع تصادم، يوجد احتمال كبير أن يقذف بالركاب من خلال السقف المتحرك المفتوح. وقد تتعرض أيضًا لإصابة بالغة أو الموت. ينبغي دومًا 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.

ملاحظة:

بالنسبة للسيارات المزودة بنظام Uconnect، ستظل مفاتيح النوافذ العاملة بالطاقة نشطة لمدة تصل إلى 10 دقائق بعد إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). يؤدي فتح أي من الأبواب الأمامية إلى إلغاء هذه الميزة. يعتبر الوقت قابلاً للبرمجة. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

تحذير!

لا تترك الأطفال بمفردهم داخل السيارة مطلقاً، 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 سيارة مزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go في وضع ACC (الملحقات) أو ON/ RUN (التشغيل/الانطلاق). فقد تتغلق النوافذ على يد الركاب وخاصة الأطفال عند استخدام مفاتيح النوافذ العاملة بالطاقة. وقد يسفر ذلك عن وقوع إصابة بالغة أو الوفاة.

ميزة الإنزال الأوتوماتيكي

يشتمل مفتاح النافذة العاملة بالطاقة في باب السائق ومفاتيح النوافذ في أبواب الركاب الأمامية والخلفية على ميزة الإنزال الأوتوماتيكي.

اضغط على مفتاح النافذة لأسفل لمدة نصف ثانية ثم حرره. ستتحفز النافذة أوتوماتيكياً.

لمنع النافذة من النزول الكامل لأسفل أثناء تشغيل ميزة الإنزال الأوتوماتيكي، قم بسحب المفتاح لأعلى أو الضغط عليه لأسفل لفترة وجيزة.

لفتح النافذة جزئياً (يدوياً)، اضغط على مفتاح النافذة لأسفل لفترة قصيرة وحرره.

ميزة الرفع الأوتوماتيكي لأعلى مع الحماية ضد الانضغاط

ارفع مفتاح النافذة لأعلى، لفترة قصيرة من الوقت ثم حرره وستفتح النافذة أوتوماتيكياً.

لمنع النافذة من الارتفاع الكامل لأعلى أثناء تشغيل ميزة الرفع الأوتوماتيكي، اسحب المفتاح لأسفل لفترة وجيزة.

لإغلاق النافذة جزئياً، ارفع مفتاح النافذة لفترة وجيزة وحرره عندما ترغب في إيقاف النافذة.

ملاحظة:

• 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 لخلق النافذة.

• 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 يدوياً.

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.

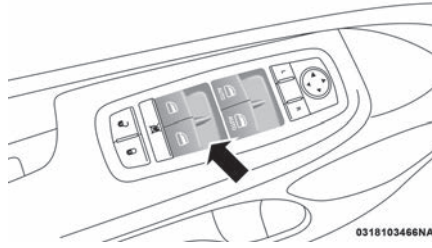
إعادة ضبط ميزة الرفع الأوتوماتيكي

إذا توقفت ميزة الرفع الأوتوماتيكي، فقد تكون النافذة في حاجة إلى إعادة الضبط. لإعادة ضبط ميزة الرفع الأوتوماتيكي:

1. اسحب مفتاح النافذة لأعلى لإغلاق النافذة بالكامل واستمر في الضغط على المفتاح لأعلى لثانيتين إضافيتين بعد إغلاق النافذة.

2. اضغط على مفتاح النافذة لأسفل بقوة لفتح النافذة بالكامل، واستمر في الضغط على المفتاح لأسفل لثانيتين إضافيتين بعد الفتح الكامل للنافذة.

جدول إرشادات التشغيل



مفاتيح النوافذ العاملة بالطاقة

توجد مفاتيح تحكم لكل نافذة على حدة على لوح كسوة كل باب من أبواب الركاب والتي تعمل على تشغيل نوافذ هذه الأبواب. لن تعمل مفاتيح التحكم في النوافذ إلا إذا كان مفتاح التشغيل في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق).

كما يمكن استخدام حافظة المفاتيح، إذا كانت السيارة مزودة بذلك، لرفع نوافذ السيارة أو خفضها ومفتاح التشغيل في وضع "OFF" (إيقاف التشغيل). راجع "المفاتيح" في "التعرف على سيارتك" للحصول على مزيد من المعلومات.

إعدادات التحكم	الطقس
اضبط عنصر التحكم بالوضع على ، وتشغيل المروحة على العالي. ثم انزل النوافذ لدقيقة لإخراج الهواء الساخن. وبعد الوصول لدرجة حرارة جيدة، اضبط عناصر التحكم لتحقيق الراحة.	الطقس حار ودافئ السيارة شديد الحرارة
شغل و اضبط عنصر التحكم بالوضع على الموضع	الطقس دافئ
قم بالتشغيل في الموضع	شمس معتدل
اضبط عنصر التحكم بالوضع على ثم شغل لإبقاء النوافذ واضحة.	أجواء معتدلة ورطبة
اضبط عنصر التحكم بالوضع على الموضع . وإن بدأ تراكم الضباب على الزجاج الأمامي،حرك عنصر التحكم نحو الموضع .	الطقس بارد

8000cb71

النوافذ

مفاتيح التحكم في النوافذ العاملة بالطاقة
تتحكم مفاتيح التحكم في النافذة الموجودة على باب السائق في جميع نوافذ الأبواب الأخرى.

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 تبتل بماء دافئ.
- لا تستخدم أدوات تنظيف كاشطة أو أدوات حادة أو منظفات النوافذ الكاشطة على السطح الداخلي للنافذة. احتفظ بجميع المتعلقات على مسافة آمنة من النافذة.

المنافذ الخارجية لمدخل الهواء

تأكد من عدم وجود أشياء تعيق مدخل الهواء الموجود أمام الزجاج الأمامي، مثل أوراق الشجر. فقد تقلل أوراق الأشجار المتراكمة حول فتحات إدخال الهواء من مقدار الهواء الداخل وتؤدي إلى انغلاق فتحات تصريف الماء. وفي فصل الشتاء، تأكد من خلو مآخذ الهواء من الجليد والطين والثلج.

فلتر هواء الكابينة

يقوم نظام التحكم في درجة الحرارة بترشيح الهواء من الأتربة والقاح. اتصل بالوكيل المعتمد لصيانة فلتر هواء الكابينة، واستبدله عند الحاجة.

إعدادات المستخدم المطلوبة. سوف يتسبب الضغط على إعدادات أخرى في تشغيل MAX A/C (الحد الأقصى لمكيف الهواء) للتبديل إلى الإعدادات السابقة وسوف تتسبب في مغادرة وضع MAX A/C (الحد الأقصى لمكيف الهواء).

إعادة تدوير الهواء

في الطقس البارد قد يؤدي استخدام وضع Recirculation (إعادة تدوير الهواء) إلى تراكم الضباب على النوافذ. قد لا تتوفر ميزة إعادة تدوير الهواء (يظهر الزر غير منشط) في حالة وجود ظروف تسمح بتكون ضباب على الجزء الداخلي من الزجاج الأمامي.

التحكم الأوتوماتيكي بدرجة الحرارة (ATC)

التشغيل الأوتوماتيكي

1. اضغط على الزر AUTO (أوتوماتيكي) في الواجهة أو اضغط على زر "AUTO" (أوتوماتيكي) على شاشة اللمس على لوحة التحكم الأوتوماتيكي بدرجة الحرارة (ATC).

2. اضبط بعد ذلك درجة الحرارة التي تود أن يحافظ عليها النظام وذلك بضبط أزرار التحكم في درجة الحرارة للسانق والراكب الأمامي. وبمجرد عرض درجة الحرارة المرغوبة، يقوم النظام بالوصول إلى مستوى الراحة المطلوب وبالمحافظة 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 للسيارات الباردة أو الساخنة. لأن النظام يقوم أوتوماتيكيًا بضبط درجات الحرارة والوضع وسرعة المروحة لتوفير وسط مريح في أسرع وقت ممكن.

• يمكن عرض درجة الحرارة بالوحدات الأمريكية أو المترية من خلال تحديد ميزة النظام الأمريكي/النظام المتري القابلة للبرمجة بواسطة العميل. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

لتوفير الحد الأقصى من الراحة في وضع التشغيل الأوتوماتيكي أثناء تشغيل المحرك في الأيام الباردة، فإن مروحة الهواء ستبقى على سرعة منخفضة إلى أن يسخن المحرك. ستزيد سرعة المروحة وتدخل في وضع AUTO (أوتوماتيكي).

تجاوز التشغيل اليدوي

يتيح لك هذا النظام خاصية التحكم اليدوي التام. وعند استخدام الوضع اليدوي للتشغيل ينطفئ رمز AUTO (أوتوماتيكي) في شاشة عرض نظام التحكم في درجة الحرارة (ATC) الأمامي.

تلميحات التشغيل

ملاحظة:

راجع الجدول الموجود في نهاية هذا القسم للتعرف على إعدادات التحكم المقترحة لظروف الطقس المتنوعة.

التشغيل في فصل الصيف

يجب حماية نظام تبريد سائل المحرك باستخدام سائل تبريد مانع للتجمد ذي جودة عالية لتوفير حماية ملائمة من التآكل وللمنع الارتفاع المفرط في حرارة المحرك. يُوصى باستخدام سائل تبريد ذي تقنية الإضافات العضوية (OAT) (المتوافق مع متطلبات معيار مواد MS.90032).

التشغيل في فصل الشتاء




لضمان الحصول على أفضل أداء ممكن لجهاز التدفئة وإزالة الصقيع، 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 لأنه قد يسبب تجمع الضباب على النوافذ.

العطلة/حفظ السيارة

قبل أن تقوم بإيقاف السيارة أو تتوقف عن استعمالها (أثناء عطلة مثلاً) لأسبوعين أو أكثر، قم بتشغيل نظام مكيف الهواء في وضع التباطؤ لمدة 5 دقائق تقريبًا، في الهواء النقي مع تحديد إعداد المروحة على عالٍ. إن القيام بذلك سيضمن تزيينًا مناسبًا للنظام لتقليل إمكانية تلف الضاغط عند إعادة تشغيل النظام.

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 إزالة الصقيع أو المزج وزد سرعة المروحة الأمامية. تجنب استخدام وضع إعادة تدوير الهواء لفترات طويلة بدون تشغيل مكيف الهواء، حيث قد يتراكم الضباب على الزجاج.

الوصف	الرمز
وضع Floor (الأرضية) يخرج الهواء عبر المنافذ الأرضية. مع مقدار ضئيل عبر إزالة الصقيع ومنافذ إزالة الضباب من النافذة الجانبية.	وضع Floor (الأرضية) 
وضع Mix (المزج) يتم توجيه الهواء عبر منافذ الأرضية ومزيل الصقيع ومنافذ إزالة الضباب من النافذة الجانبية. ويعمل هذا الضبط بصورة أفضل في الظروف الباردة أو أثناء هطول الثلوج، والتي تتطلب تسخينًا إضافيًا للزجاج الأمامي. ويصلح هذا الضبط للحفاظ على مستوى راحة الركاب مع تقليل مستوى الرطوبة المتجمعة على الزجاج الأمامي.	وضع Mix (المزج) 
زر Climate Control OFF (إيقاف تشغيل التحكم في درجة الحرارة) يعمل هذا الزر على إيقاف تشغيل نظام التحكم في درجة الحرارة.	OFF 

وظائف التحكم في درجات الحرارة

A/C (مكيف الهواء)

يتيح زر A/C (مكيف الهواء) للمشغل التنشيط أو إلغاء التنشيط اليدوي لنظام مكيف الهواء. عند تشغيل نظام مكيف الهواء، سيتدفق الهواء البارد منخفض الرطوبة من خلال المنافذ المحددة إلى الكابينة. لتحسين ترشيد استهلاك الوقود، اضغط على زر A/C (مكيف الهواء) لإيقاف تشغيل مكيف الهواء ولضبط المروحة يدويًا مع إعدادات وضع تدفق الهواء. أيضًا، تأكد من تحديد وضع اللوحة أو ثنائي المستوى أو الأرضية.

ملاحظة:

- بالنسبة لمفاتيح التحكم اليدوي في درجة الحرارة، إذا كان النظام في وضع Mix (المزج) أو Floor (الأرضية) أو Defrost (مزيل الصقيع)، يمكن إيقاف تشغيل مكيف الهواء، ولكن نظام المكيف سيظل نشطًا لمنع تكون الضباب على النوافذ.
- في حالة ظهور الضباب أو الرذاذ على الزجاج الأمامي أو الزجاج الجانبي، اختر وضع Defrost (إزالة الصقيع) وزد سرعة المروحة إذا لزم الأمر.
- وإذا بدا مستوى أداء مكيف الهواء منخفضًا عن المتوقع؛ فافحص مقدمة مكثف مكيف الهواء (الموجود في مقدمة

الرادياتير) للتخلص من الأتربة أو الحشرات التي قد تكون متجمعة عليه. نظف برش الماء عليه برفق من أمام الرادياتير ومن خلال المكثف.

MAX A/C (الحد الأقصى لمكيف الهواء)

يعمل إعداد MAX A/C (الحد الأقصى لمكيف الهواء) على ضبط التحكم في أداء الحد الأقصى للتبريد.

اضغط وحرر للتبديل بين إعداد MAX A/C (الحد الأقصى لمكيف الهواء) والإعدادات السابقة. يضيء الزر عند تشغيل MAX A/C (الحد الأقصى لمكيف الهواء).

في وضع MAX A/C (الحد الأقصى لمكيف الهواء)، يمكن ضبط موضع مستوى المروحة والوضع على

الوصف	الرمز
<p>مفتاح التحكم في المروحة</p> <p>يُستخدم مفتاح التحكم في المروحة لتنظيم كمية الهواء الداخل عبر نظام التحكم في درجة الحرارة. وللمروحة سبع سرعات متاحة. ويمكن تحديد السرعات باستخدام إما مقبض التحكم في المروحة على الواجهة أو الأزرار الموجودة على شاشة اللمس.</p> <ul style="list-style-type: none"> • الواجهة: تزيد سرعة المروحة عند تدوير مقبض التحكم في المروحة باتجاه عقارب الساعة بدءًا من الإعداد الأقل للمروحة. بينما تقل سرعة المروحة عند تدوير مقبض التحكم في المروحة عكس اتجاه عقارب الساعة. • شاشة اللمس: استخدم رمز المروحة الصغيرة لتقليل إعداد المروحة ورمز المروحة الكبيرة لزيادة إعداد المروحة. يمكن أيضًا تحديد المروحة بالضغط على منطقة شريط المروحة الموجودة بين الرموز. 	<p>مقبض الواجهة</p>  <p>أزرار شاشة اللمس</p> 
<p>حدد الوضع بالضغط على أحد أزرار الأوضاع على شاشة اللمس لتغيير وضع توزيع تدفق الهواء. يمكن ضبط وضع توزيع تدفق الهواء بحيث يخرج الهواء من منافذ لوحة أجهزة القياس والمنافذ الأرضية ومنافذ إزالة الضباب ومنافذ إزالة الصقيع. وإعدادات Mode (الوضع) هي كما يلي:</p>	<p>مفتاح التحكم في الوضع</p>
<p>وضع Panel (اللوحة)</p> <p>يخرج الهواء من المنافذ الواقعة في لوحة أجهزة القياس. ومن الممكن ضبط كل منفذ على حدة لتوجيه تيار الهواء. يمكن تحريك ريشات الهواء بالمنافذ المركزية والخارجية لأعلى أو أسفل أو من جانب لجانب لتنظيم اتجاه تدفق الهواء. يوجد قرص للإيقاف أسفل ريشات الهواء لإيقاف تدفق الهواء أو ضبط المقدار المتدفق من هذه المنافذ.</p>	<p>وضع Panel (اللوحة)</p> 
<p>وضع Bi-Level (ثنائي المستوى)</p> <p>يخرج الهواء من منافذ لوحة أجهزة القياس والمنافذ الأرضية. مع مقدار ضئيل عبر إزالة الصقيع ومنافذ إزالة الضباب من النافذة الجانبية.</p> <p>ملاحظة:</p> <p>تم تصميم وضع Bi-Level (ثنائي المستوى) في ظل ظروف الراحة لتوفير هواء أبرد يخرج من منافذ لوحة أجهزة القياس وهواء أدفأ من منافذ الأرضية.</p>	<p>وضع Bi-Level (ثنائي المستوى)</p> 

الوصف	الرمز
<p>زر Front Defrost (إزالة الصقيع الأمامي) يُعمل زر Front Defrost (إزالة الصقيع الأمامي) على تغيير إعداد تدفق الهواء الحالي إلى وضع Defrost (إزالة الصقيع). يضيء المؤشر عند ضبط هذه الميزة على وضع on (التشغيل). يخرج الهواء من منافذ الزجاج الأمامي ومنافذ إزالة الضباب من النافذة الجانبية. عند تحديد زر إزالة الصقيع، قد يزيد مستوى المروحة. استخدم وضع Defrost (إزالة الصقيع) مع تشغيل إعدادات الحد الأقصى لدرجة الحرارة لإزالة الصقيع المتجمع على الزجاج الأمامي والنوافذ الجانبية بأفضل شكل. عند تبديل زر وضع إزالة الصقيع الأمامي، سيعود نظام التحكم في درجة الحرارة إلى الإعداد السابق.</p>	
<p>زر Rear Defrost (إزالة الصقيع الخلفي) يُعمل زر Rear Defrost Control (التحكم في إزالة الصقيع الخلفي) على تشغيل مزيل الصقيع من الزجاج الخلفي والمرآة الخارجية المسخنة (إذا كانت السيارة مزودة بذلك). سيضيء مؤشر عند تشغيل مزيل الصقيع من النافذة الخلفية. يتم إيقاف تشغيل مزيل الصقيع عن النافذة الخلفية أوتوماتيكيًا بعد عشرة دقائق.</p>	
<p>أزرار زيادة وخفض درجة الحرارة للسائق والراكب يوفر التحكم المستقل في درجة الحرارة للسائق والراكب. اضغط على الزر الأحمر الموجود على الواجهة أو شاشة اللمس أو اضغط على شريط درجة الحرارة وحركه تجاه زر السهم الأحمر على شاشة اللمس للحصول إعدادات درجة حرارة أكثر دفئًا. اضغط على الزر الأزرق الموجود على الواجهة أو شاشة اللمس أو اضغط على شريط درجة الحرارة وحركه تجاه زر السهم الأزرق على شاشة اللمس للحصول إعدادات درجة حرارة أكثر برودة.</p>	
<p>زر SYNC (التزامن) اضغط على زر SYNC (المزامنة) على شاشة اللمس للتبديل بين تشغيل/إيقاف ميزة SYNC (المزامنة). يضيء مؤشر SYNC (المزامنة) عند تمكين هذه الميزة. تستخدم ميزة SYNC (المزامنة) لمزامنة إعداد درجة حرارة الراكب مع إعداد درجة حرارة السائق. سيعمل تغيير إعداد درجة حرارة الراكب أثناء التواجد في وضع SYNC (المزامنة) على الخروج تلقائيًا من هذه الميزة.</p> <p>ملاحظة: يتوفر نظام SYNC (المزامنة) على شاشة اللمس فقط.</p>	

الوصف	الرمز
<p>زر MAX A/C (الحد الأقصى لمكيف الهواء)</p> <p>اضغط على الزر وحرره لتغيير الإعداد الحالي، سيضيء المؤشر عند تشغيل إعداد MAX A/C (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).</p> <p>ملاحظة:</p> <p>يتوفر إعداد MAX A/C (الحد الأقصى لتكييف الهواء) على شاشة اللمس فقط.</p>	<p>MAX A/C</p>
<p>زر A/C (مكيف الهواء)</p> <p>اضغط وحرر لتغيير الإعداد الحالي. يضيء المؤشر عند تشغيل تكييف الهواء.</p>	<p>A/C</p>
<p>زر إعادة تدوير الهواء</p> <p>اضغط على هذا الزر وحرره على شاشة اللمس، أو اضغط على الزر الموجود على الواجهة، لتغيير النظام بين وضع إعادة تدوير الهواء في وضع الهواء الخارجي. ويمكن الاستفادة بإعادة تدوير الهواء عندما تشمل الظروف الخارجية على أدخنة أو روائح أو أتربة أو رطوبة عالية. يمكن استخدام إعادة تدوير الهواء في كل الأوضاع. قد لا تتوافر ميزة إعادة تدوير الهواء (يظهر الزر غير منشط على شاشة اللمس) في حالة وجود ظروف قد تتسبب في تكوّن ضباب على الجزء الداخلي من الزجاج الأمامي. يمكن إلغاء تحديد مكيف الهواء يدويًا من دون تغيير تحديد مفتاح التحكم في الأوضاع. قد يؤدي الاستخدام المستمر لوضع إعادة تدوير الهواء إلى فساد الهواء الموجود بداخل السيارة؛ وقد يؤدي إلى تجمع الضباب على زجاج النوافذ. لا يُوصى باستخدام الممتد لهذا الوضع.</p>	
<p>زر AUTO (أوتوماتيكي)</p> <p>يقوم بالتحكم أوتوماتيكيًا في درجة حرارة المقصورة الداخلية عن طريق ضبط توزيع تدفق الهواء وكمية الهواء. سيؤدي تبديل هذه الوظيفة إلى تبديل النظام ما بين الوضع اليدوي والأوضاع الأوتوماتيكية. راجع "التشغيل الأوتوماتيكي" في هذا القسم للحصول على مزيد من المعلومات.</p>	<p>AUTO</p>



0313127590US

نظام Uconnect 4C/4C NAV المزود بمفاتيح التحكم في درجة الحرارة بصورة أوتوماتيكية مع شاشة عرض بحجم 8.4 بوصات

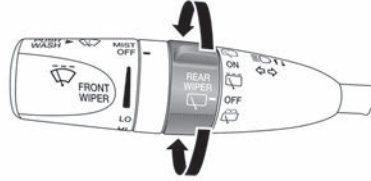
يحتوي نظام استشعار المطر على ميزات حماية للشفرات والأذرع، ولن يعمل في الظروف التالية:

- انخفاض درجة الحرارة المحيطة - عند إدارة المفتاح إلى وضع ON (التشغيل) لأول مرة، لن يعمل نظام Rain Sensing (استشعار المطر) حتى يتم تحريك مفتاح المساحة أو تكون سرعة السيارة أكبر من 5 كم/ساعة (3 أميال/الساعة) أو تكون درجة الحرارة الخارجية أكبر من 0 درجة مئوية (32 درجة فهرنهايت).

- ناقل الحركة في وضع NEUTRAL (اللاتعشيق) - عند وجود مفتاح التشغيل في وضع ON (التشغيل) وناقل الحركة الأوتوماتيكي في وضع NEUTRAL (اللاتعشيق)، لن يعمل نظام استشعار المطر حتى يتم تحريك مفتاح المساحة أو تكون سرعة السيارة أكبر من 5 كم/ساعة (3 أميال/الساعة) أو يتم تحريك محدد التروس خارج وضع NEUTRAL (اللاتعشيق).

ماسحة/غاسلة النافذة الخلفية

تقع مفاتيح التحكم في الماسحة/الغاسلة الخلفية على ذراع التحكم متعدد الوظائف على الجانب الأيسر من عمود التوجيه. يتم تشغيل الماسحة/الغاسلة الخلفية من خلال إدارة المفتاح الموجود عند منتصف الذراع.



0312127246US

مفتاح تحكم الماسحة/الغاسلة الخلفية

قم بتدوير الجزء الأوسط من الذراع لأعلى باتجاه الحابسة الأولى للتشغيل المتقطع وباتجاه الحابسة الثانية لتشغيل الماسحة الخلفية بشكل مستمر.



يؤدي تدوير الجزء الأوسط لأعلى مرة أخرى إلى تنشيط مضخة الغاسلة التي تستمر في العمل طوال الضغط على المفتاح. عند تحرير المفتاح، تستأنف المساحات التشغيل المستمر للماسحة الخلفية. عندما يكون هذا المفتاح الدوار في وضع OFF (إيقاف التشغيل)، يؤدي تدويره لأسفل إلى تنشيط مضخة الغاسلة الخلفية التي تستمر في العمل طوال الضغط على المفتاح. عند تحرير المفتاح فإنه يعود إلى وضع OFF (إيقاف التشغيل) ويتم تحريك المساحات لعدة دورات قبل العودة إلى وضع التوقف.



ملاحظة:

كإجراء وقائي، تتوقف المضخة في حالة الضغط على المفتاح لأكثر من 20 ثانية. وعند تحرير المفتاح، تستأنف المضخة عملها الطبيعي.

إذا كانت الماسحة الخلفية تعمل أثناء ضبط مفتاح التشغيل على وضع OFF (إيقاف التشغيل)، فستعود الماسحة تلقائيًا إلى وضع "التوقف".

غاسلات المصابيح الأمامية - إذا كانت السيارة

مزودة بذلك

يشغل الذراع متعدد الوظائف غاسلات المصابيح الأمامية عند وضع مفتاح التشغيل في وضع ON (التشغيل) وتشغيل المصابيح الأمامية. يوجد ذراع التحكم متعدد الوظائف في الجانب الأيسر من عمود التوجيه.

لاستخدام غاسلات المصباح الأمامي، ادفع الذراع متعدد الوظائف للداخل (في اتجاه عمود التوجيه) وحرره. ترش غاسلات المصباح الأمامي رذاذًا لفترة محددة بضغط عالي من سائل الغاسلة على كل عدسة مصباح أمامي. كما ترش غاسلات الزجاج الأمامي الزجاج الأمامي وتعمل المساحات الخاصة به.

ملاحظة:

بعد إدارة مفتاح التشغيل والمصابيح الأمامية إلى الوضع ON (تشغيل)، سوف تعمل غاسلات المصابيح الأمامية عند الرشة الأولى من غاسلة الزجاج الأمامي ثم بعد كل رشة حادية عشرة.

يمكن ضبط درجة حساسية النظام باستخدام ذراع التحكم متعدد الوظائف. يعتبر وضع تأخير المساحة 1 هو الأقل حساسية للمساحة ووضع تأخير المساحة 4 هو الأعلى حساسية.

ملاحظة:

يجب استخدام وضع تأخير المساحة رقم ثلاثة في ظروف المطر العادية.

إعدادات 1 و2 يمكن استخدامها إذا رغب السائق في تقليل حساسية المساحة. ويمكن استخدام الإعداد 4 إذا رغب السائق في زيادة درجة الحساسية. ضع مفتاح المساحة في وضع OFF (إيقاف التشغيل) عند عدم استخدام النظام.

ملاحظة:

- لا تعمل ميزة استشعار المطر عند وجود مفتاح المساحة في وضعي السرعة المنخفض أو المرتفع.
- قد لا تعمل ميزة استشعار المطر بشكل سليم عند وجود الثلج أو ماء الملح المجفف على الزجاج الأمامي.
- قد يؤدي استعمال منتج Rain-X أو المنتجات المحتوية على الشمع أو السليكون إلى تقليل أداء مستشعر المطر.
- يمكن تشغيل ميزة Rain Sensing (استشعار المطر) أو إيقاف تشغيلها باستخدام نظام Uconnect، راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" للحصول على مزيد من المعلومات.

تحذير!

إن فقدان وضوح الرؤية خلال الزجاج الأمامي بصورة مفاجئة يمكن أن يسبب حدوث تصادم. حيث قد لا تستطيع رؤية السيارات أو الأشياء الأخرى. لتفادي تكون الجليد المفاجئ خلال الأيام الباردة، سخن الزجاج الأمامي بواسطة مزيل الصقيع قبل وأثناء استخدام غاسلة الزجاج الأمامي.

الرداذ

استعمل ميزة الرداذ عندما تقتضي ظروف الطقس الاستخدام المؤقت للماسحات. قم بتدوير طرف الذراع لأسفل باتجاه وضع MIST (الرداذ)، ثم حرره للحصول على دورة مسح واحدة.

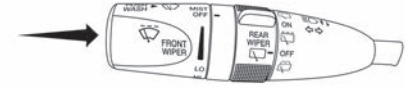
ملاحظة:

لا تقوم ميزة الرداذ بتشغيل مضخة الغاسلة ولذا فلن يتم رش أي سائل غاسلة على الزجاج الأمامي. يجب استخدام وظيفة الغسيل 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 للسائق. وتفيد هذه الميزة خصوصًا فيما يتعلق برداذ الطريق أو زيادة سائل غاسلة الزجاج الأمامي. أدر طرف ذراع التحكم متعدد الوظائف إلى أحد الإعدادات الأربعة لتنشيط هذه الميزة.

تشغيل غاسلة الزجاج الأمامي

لاستخدام الغاسلة، ادفع طرف الذراع (باتجاه عجلة القيادة) واستمر على هذا الوضع طالما كانت هناك حاجة لهذا الرداذ. إذا تم دفع الذراع أثناء التواجد في الإعداد المتقطع، فسيتم تشغيل الماسحات وستعمل لعدة دورات مسح بعد تحرير طرف الذراع، ثم تستأنف الفترة المتقطعة التي تم تحديدها مسبقًا.



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تشغيل غاسلة الزجاج الأمامي

وإذا تم الضغط على طرف الذراع عندما تكون الماسحات في وضع OFF (إيقاف التشغيل) فستعمل الماسحات لعدة دورات مسح ثم تتوقف.

ملاحظة:

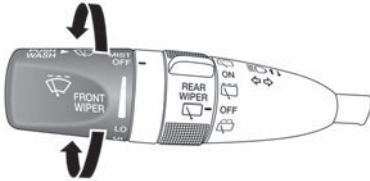
كإجراء وقائي، تتوقف المضخة في حالة الضغط على المفتاح لأكثر من 20 ثانية. وعند تحرير المفتاح، تستأنف المضخة عملها الطبيعي.

تنبيه!

قم دائمًا بإزالة أي كمية متجمعة من الثلج قد تمنع شفرات مساحات الزجاج الأمامي من الرجوع إلى وضع التوقف. إذا تم وضع مفتاح مساحه الزجاج الأمامي في وضع الإيقاف ولم يكن بإمكان شفرات المساحات الرجوع إلى وضع التوقف، فقد يؤدي ذلك إلى تلف موتور المساحات.

نظام مساحات متقطع الحركة

استخدم إحدى السرعات الأربع لهذا النظام عندما تقتضي ظروف الطقس دورة مسح واحدة مع التوقف بين كل دورة والتي تليها لفترة معينة يمكنك اختيارها. عند سرعات القيادة الأعلى من 16 كم/ساعة (10 أميال/ساعة) يمكن تنظيم زمن التأخير من 18 ثانية تقريبًا كحد أقصى بين دورات التشغيل (الحابسة الأولى) إلى دورة تشغيل كل ثانية (الحابسة الرابعة).

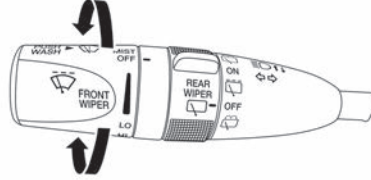


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تشغيل متقطع لمساحة الزجاج

ملاحظة:

إذا كانت السيارة تتحرك بسرعة أقل من 10 أميال/الساعة (16 كم/ساعة)، فستتضاعف أوقات التأخير.

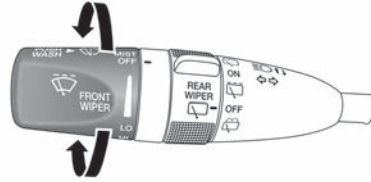


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ذراع التحكم متعدد الوظائف

تشغيل مساحه الزجاج الأمامي

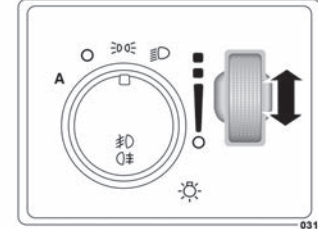
أدر طرف الذراع باتجاه أحد مواضع الحابسات الأربع الأولى للإعدادات المتقطعة، والحابسة الخامسة لتشغيل المساحه بسرعة بطيئة والحابسة السادسة لتشغيل المساحه بسرعة عالية.



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تشغيل مساحه الزجاج الأمامي

سطوح شاشة عرض مجموعة أجهزة القياس والراديو والكونسول العلوي عن طريق إدارة مفتاح التحكم إلى أعلى وضع له حتى تسمع صوت طقطقة. تسمى هذه الميزة وضع "الاستعراض" وهي مفيدة عندما تكون الأضواء الأمامية مطلوبة أثناء النهار.



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مفتاح التحكم في تعميم الأضواء

مساحات وغاسلات الزجاج الأمامي

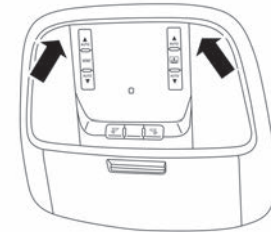
تقع مفاتيح التحكم في مساحه/غاسلة الزجاج الأمامي على ذراع التحكم متعدد الوظائف على الجانب الأيسر من عمود التوجيه. يتم تشغيل المساحات الأمامية من خلال إدارة المفتاح الموجود عند نهاية الذراع للحصول على معلومات حول مساحه/غاسلة النافذة الخلفية، راجع "مساحه/غاسلة النافذة الخلفية" في هذا القسم.

المصابيح الداخلية

يتم تشغيل أضواء الدخول والسقف عند فتح الأبواب الأمامية أو عند إدارة مفتاح التحكم في تعتيم الأضواء (العجلة الدوارة على الجانب الأيمن من مفتاح الضوء الأمامي) إلى الوضع الأقصى الأعلى. إذا كانت سيارتك مزودة بنظام فتح الأبواب عن بُعد من دون مفاتيح وتم الضغط على زر unlock (إلغاء القفل) في حافظة المفاتيح، فسوف يتم تشغيل أضواء الدخول والسقف. عند فتح أحد الأبواب وإضاءة المصابيح الداخلية، سوف يتسبب إدارة مفتاح التحكم في التعتيم بالكامل لأسفل، حتى الحابسة الأخيرة (إيقاف التشغيل)، في إطفاء جميع المصابيح الداخلية. يعرف هذا أيضًا بوضع "الاحتفال" لأنه يسمح بتترك الأبواب مفتوحة لفترات طويلة من دون إفراغ شحن بطارية السيارة.

أضواء الزينة

يمكن تشغيل أضواء الزينة بالضغط على الجانب العلوي من العدسة. لإطفاء المصابيح، اضغط على العدسة مرة ثانية.



0310104042NA

أضواء الزينة

مصابيح الخرائط / القراءة الأمامية - إذا كانت السيارة مزودة بذلك

يتم تركيب مصابيح قراءة الخرائط/القراءة الأمامية في الكونسول العلوي.



0310104042NA

مصابيح الخرائط/القراءة الأمامية

يمكن تشغيل كل مصباح عن طريق الضغط على مفتاح بأحد جانبي الكونسول. تتم إضاءة ظهر هذه الأزرار لرؤيتها أثناء الليل. لإيقاف تشغيل المصابيح، اضغط على المفتاح مرة ثانية. تضيء المصابيح أيضًا عند الضغط على زر unlock (إلغاء القفل) بحافظة المفاتيح المزودة بنظام فتح الأبواب عن بُعد من دون مفاتيح.

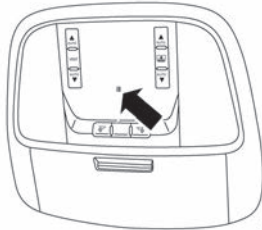


0310104050NA

مفاتيح مصابيح قراءة الخرائط/القراءة الأمامية

الإضاءة المحيطة - إذا كانت السيارة مزودة بذلك

تم تزويد الكونسول العلوي بميزة إضاءة محيطية. يضيء هذا الضوء لإتاحة الرؤية المحسنة لمنطقة الكونسول المركزي والأرضية.



0310104047NA

الإضاءة المحيطة

مفاتيح التحكم في تعتيم الأضواء

يمكن التحكم في سطوع إضاءة لوحة أجهزة القياس عن طريق إدارة مفتاح التحكم في التعتيم إلى أعلى (افتح) أو أسفل (أغلق). عند تشغيل الأضواء الأمامية، يمكنك زيادة

تذكير عند ترك المصابيح مضاءة

في حالة ترك المصابيح الأمامية أو مصابيح التوقف أو مصابيح الحمولة مضاءة بعد إدارة قرص التشغيل إلى وضع OFF (إيقاف التشغيل)، سيصدر تنبيه صوتي عند فتح باب السائق.

أضواء الضباب الأمامية والخلفية - إذا كانت السيارة مزودة بذلك

بالإمكان استعمال مصابيح الضباب الأمامية والخلفية عندما يكون مدى الرؤية قليلاً بسبب الضباب. سيتم تنشيط أضواء الضباب بالترتيب التالي: اضغط على مفتاح الضوء الأمامي مرة واحدة وسيتم تشغيل أضواء الضباب الأمامية. اضغط على المفتاح مرة ثانية وسيتم تشغيل أضواء الضباب الخلفية (تظل أضواء الضباب الأمامية في وضع التشغيل). اضغط على المفتاح مرة ثالثة وستنطفئ أضواء الضباب الخلفية (تظل أضواء الضباب الأمامية في وضع التشغيل). اضغط على المفتاح مرة رابعة وستنطفئ أضواء الضباب الأمامية.

ملاحظة:

يجب ضبط مفتاح الضوء الأمامي أولاً على أضواء الموضع أو وضع الأضواء الأمامية قبل الضغط على مصباح الضباب.

إشارات الانعطاف

حرك ذراع التحكم متعدد الوظائف للأعلى أو للأسفل، وستضيء الأسهم الموجودة على كل جانب من جوانب مجموعة أجهزة القياس لعرض طريقة التشغيل الصحيحة لمصابيح إشارات الانعطاف الأمامية والخلفية.

ملاحظة:

إذا استمر أي من المصابيح مضاءً من دون أن يومض، في حالة زيادة معدل الوميض عن الحد المطلوب، فتأكد من عدم وجود أي خلل في مصابيح الإضاءة الخارجية. في حالة عدم إضاءة المؤشر عند تحريك الذراع؛ فقد يدل ذلك على تعطل لمبة المؤشر.

Lane Change Assist (مساعد تغيير الحارة) -

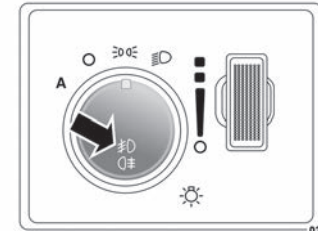
إذا كانت السيارة مزودة بذلك

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 أوتوماتيكياً.

الضبط الأوتوماتيكي لمستوى المصابيح الأمامية -

المصابيح الأمامية شديدة التفرغ (HID) فقط

تمنع هذه الميزة المصابيح الأمامية من إعاقه رؤية سائقي السيارات في الاتجاه المعاكس. تقوم ميزة ضبط مستوي



مفتاح ضوء الضباب

المصباح الأمامي بضبط ارتفاع شعاع المصباح الأمامي أوتوماتيكياً كرد فعل للتغيرات التي تحدث لمسار حركة السيارة.

موفر طاقة البطارية

لإطالة عمر بطارية السيارة، يتم توفير ميزة فصل التيار الكهربائي للمصابيح الداخلية والخارجية.

في حالة ضبط مفتاح التشغيل على OFF (إيقاف التشغيل) وترك أي باب مفتوحاً لمدة 10 دقائق أو تدوير مفتاح تعقيم الأضواء بالكامل إلى وضع تشغيل أضواء السقف لمدة 10 دقائق، ستنطفئ الأضواء الداخلية أوتوماتيكياً.

ملاحظة:

يتم إلغاء وضع موفر طاقة البطارية في حالة إدارة مفتاح التشغيل إلى وضع ON (التشغيل).

إذا ظلت المصابيح الأمامية مضاءة أثناء إدارة قرص التشغيل إلى وضع OFF (إيقاف التشغيل)، فسيتم إطفاء المصابيح الخارجية أوتوماتيكياً بعد 8 دقائق. في حالة إضاءة المصابيح الأمامية وتركها مضاءة لمدة 8 دقائق أثناء وجود قرص التشغيل في وضع OFF (إيقاف التشغيل)، فسيتم إطفاء المصابيح الخارجية تلقائياً.

ملاحظة:

يتم إلغاء وضع موفر طاقة البطارية في حالة إدارة قرص التشغيل إلى وضع OFF (إيقاف التشغيل) مع وجود مفتاح المصباح الأمامي في وضع مصباح التوقف. سوف تظل مصابيح التوقف مضاءة وسيتم فقد طاقة بطارية السيارة.

الأضواء الأمامية الأوتوماتيكية - إذا كانت السيارة مزودة بذلك

يقوم هذا النظام بإضاءة المصابيح الأمامية أو إطفائها أوتوماتيكيًا بناءً على مستويات الإضاءة في الوسط المحيط بالسيارة. لتشغيل النظام، أدر مفتاح المصباح الأمامي إلى وضع A (أوتوماتيكي).

عند تشغيل النظام؛ تعمل ميزة تأخير المصابيح الأمامية أيضًا. وهذا يعني أن المصابيح الأمامية لديك سوف تظل في حالة تشغيل لما يصل إلى 90 ثانية بعد إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). إيقاف تشغيل المصابيح الأمامية الأوتوماتيكية، حرّك مفتاح الضوء الأمامي بعيدًا عن وضع A (أوتوماتيكي).

ملاحظة:

يجب أن يكون المحرك في حالة تشغيل قبل أن تعمل المصابيح الأمامية في الوضع الأوتوماتيكي.

مصابيح التوقف ومصابيح لوحة أجهزة القياس

لتشغيل مصابيح التوقف ومصابيح لوحة أجهزة القياس، قم بتدوير مفتاح المصباح الأمامي باتجاه عقارب الساعة. لإيقاف تشغيل مصابيح التوقف، قم بتدوير مفتاح الضوء الأمامي للخلف إلى وضع O (إيقاف التشغيل).

إضاءة الأضواء 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 عن

طريق شاشة نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

إذا كانت سيارتك مزودة "بنظام الماسحات الحساس للمطر" وتم تنشيطه، فستضيء الأضواء الأمامية أوتوماتيكيًا بعد أن تكمل الماسحات خمسة دورات مسح خلال دقيقة واحدة، وتنطفئ المصابيح بعد أن تتوقف الماسحات تمامًا عن العمل بأربع دقائق تقريبًا.

راجع "ماسحات الزجاج الأمامي والغاسلات" في "التعرّف على سيارتك" للحصول على مزيد من المعلومات.

ملاحظة:

عندما تضيء الأضواء الأمامية أثناء النهار، تنخفض إضاءة مصابيح لوحة أجهزة القياس أوتوماتيكيًا إلى أقل مستوى ليلى.

الأضواء الأمامية Bi-Xenon التكيفية ذات التفريغ

شديد الكثافة - إذا كانت السيارة مزودة بذلك

يقوم هذا النظام بتدوير نمط شعاع الأضواء الأمامية بشكل أفقي أوتوماتيكيًا لتوفير إضاءة متزايدة في الاتجاه الذي تتجه إليه السيارة.

ملاحظة:

• في كل مرة يتم تشغيل نظام الأضواء الأمامية التكيفية، يتم بدء تشغيل الأضواء الأمامية من خلال القيام بتتابع قصير بين عمليات الدوران.

• يتم تنشيط نظام الأضواء الأمامية التكيفية فقط عندما تكون السيارة متحركة للأمام.

يمكن تشغيل نظام المصباح الأمامي التكيفي وإيقاف تشغيله باستخدام نظام Uconnect، راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

مهلة تأخير الأضواء الأمامية

لمساعدتك في الخروج من السيارة، تم تزويد سيارتك بميزة مهلة تأخير المصابيح الأمامية التي ستترك المصابيح الأمامية مضاءة لمدة تصل إلى 90 ثانية تقريبًا. يتم بدء هذه المهلة عند إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) أثناء وجود مفتاح الأضواء الأمامية في وضع التشغيل ثم إدارة مفتاح الأضواء الأمامية إلى وضع إيقاف التشغيل. يمكن إلغاء مهلة تأخير الأضواء الأمامية عن طريق إدارة مفتاح الأضواء الأمامية إلى وضع التشغيل ثم إلى وضع إيقاف التشغيل أو عن طريق إدارة مفتاح التشغيل إلى وضع ON (التشغيل).

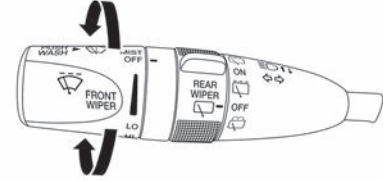
ملاحظة:

• يمكن برمجة هذه الميزة من خلال نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

• يتم تنشيط ميزة تأخير إضاءة المصابيح الأمامية أوتوماتيكيًا إذا تم ترك مفتاح الضوء الأمامي في الوضع A (الأوتوماتيكي) عند وضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل).

ذراع التحكم متعدد الوظائف

يوجد ذراع التحكم متعدد الوظائف في الجانب الأيسر من عمود التوجيه.



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ذراع التحكم متعدد الوظائف

أضواء النهار - إذا كانت السيارة مزودة بذلك

تتم إضاءة مصابيح النهار (شدة منخفضة) عند تشغيل المحرك، وعدم وجود ناقل الحركة في وضع PARK (التوقف). وتظل المصابيح مضاءة حتى يتم تحويل مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) أو وضع ACC (الملحقات) أو حتى يتم تشييق فرامل التوقف.

ملاحظة:

- عند تنشيط أي من إشارتي الانعطاف، يتم إطفاء مصباح أضواء النهار (DRL) الموجود على نفس جانب الإشارة من السيارة طوال مدة تنشيط إشارة الانعطاف. وبعد إطفاء إشارة الانعطاف، سيضيء مصباح أضواء النهار (DRL).

ملاحظة:

- يمكن تشغيل مفتاح التحكم في المصباح الأمامي ذو الضوء العالي أو إيقاف تشغيله عن طريق تحديد ON (تشغيل) من Auto High Beam (الأضواء العالية الأوتوماتيكية) في إعدادات نظام Uconnect، بالإضافة إلى تحويل مفتاح الضوء الأمامي إلى الوضع AUTO (أوتوماتيكي). راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

- الأضواء الأمامية والمصابيح الخلفية المكسورة أو المتسخة أو المعاقة في المركبات في مجال الرؤية تجعل الأضواء الأمامية تظل مضيئة لفترة أطول (الأقرب إلى السيارة). 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 الأوتوماتيكي في المصباح الأمامي ذو الضوء العالي، فيجب 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 قليلاً. سيتسبب ذلك في تشغيل الضوء الأمامي ذي الضوء العالي، ويظل مضيئاً حتى يتم تحرير الذراع.

- يمكن تعطيل وظيفة أضواء النهار من خلال نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

يجب استخدام مفتاح الضوء الأمامي للقيادة العادية أثناء الليل.

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 مرة أخرى باتجاه عجلة القيادة إلى تشغيل الضوء المنخفض، أو إيقاف تشغيل الضوء العالي.

الضوء العالي الأوتوماتيكي - إذا كانت السيارة مزودة بذلك

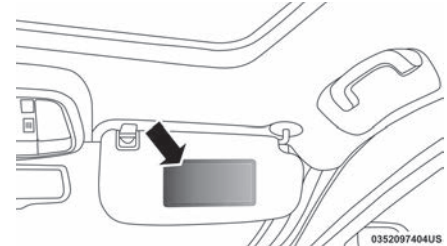
يقدم نظام التحكم الأوتوماتيكي في المصباح الأمامي ذو الضوء العالي إضاءة أمامية أوضح ليلاً بالتحكم التلقائي في الضوء العالي من خلال استخدام كاميرا رقمية مثبتة داخل مرآة الرؤية الخلفية الداخلية. وتعمل هذه الكاميرا على رصد ضوء السيارات والتبديل التلقائي من الضوء العالي إلى الضوء العادي إلى أن تبتعد السيارة عن الرؤية.

ملاحظة:

لا تكون ميزة إمالة المرايا الجانبية عند الرجوع إلى الخلف قيد التشغيل عند استلام السيارة من المصنع. يمكن تشغيل ميزة إمالة المرايا الجانبية عند الرجوع إلى الخلف وإيقاف تشغيلها باستخدام نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

مرايا الزينة المضيئة

للوصول إلى مرآة زينة مضاءة، اقلب أحد حاجبي الشمس. ارفع الغطاء لرؤية المرآة. يضيء الضوء أوتوماتيكيًا.



مرآة الزينة المضيئة

ميزة "التحريك على الحامل" الخاصة بحاجب الشمس

— إذا كانت السيارة مزودة بذلك

تتيح ميزة "التحريك على الحامل" الخاصة بحاجب الشمس مزيدًا من المرونة في وضع حاجب الشمس لحجب أشعة الشمس.

1. قم بطي واقى الشمس لأسفل.

2. قم بفك الواقي من المثبك الأوسط.

3. أدر واقى الشمس في اتجاه النافذة الجانبية.

4. قم بتمديد شفرة واقى الشمس لحجب الشمس بصورة إضافية.

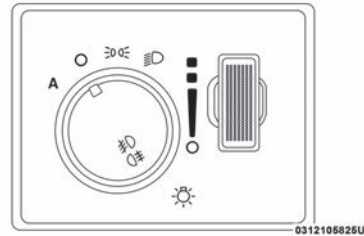
ملاحظة:

كما يمكن تمديد شفرة حاجب الشمس عندما يكون حاجب الشمس أمام الزجاج الأمامي للحصول على حجب إضافي للشمس من خلال الجزء الأمامي للسيارة.

المصابيح الخارجية

مفتاح الضوء الأمامي

يوجد مفتاح الضوء الأمامي في الجانب الأيسر من لوحة أجهزة القياس بجوار عجلة القيادة. يتحكم مفتاح الضوء الأمامي في تشغيل الأضواء الأمامية ومصابيح التوقف ومصابيح لوحة أجهزة القياس ومصابيح منطقة الحمولة وأضواء الضباب (إذا كانت السيارة مزودة بذلك).



مفتاح الضوء الأمامي

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 الأمامية، قم بتدوير مفتاح الضوء الأمامي للخلف إلى وضع O (إيقاف التشغيل).

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، اغسلها بمحلول صابون لطيف ثم اشطفها بالماء.

تنبيه!

لا تستخدم مكونات تنظيف كاشطة أو مذيبات أو صوف الفولاذ أو أي مواد كاشطة لتنظيف العدسات.

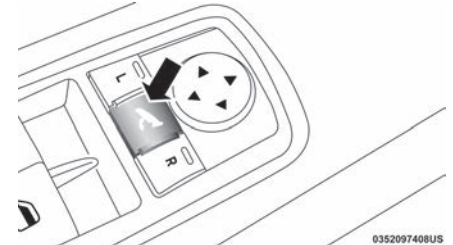
الاختيارية. راجع "المقعد المضبوط في الذاكرة للسائق" في "التعرف على سيارتك" للحصول على مزيد من المعلومات.

المرايا الخارجية التي يتم طيها كهربياً - إذا كانت السيارة مزودة بذلك

إذا كانت السيارة مزودة بمرايا يتم طيها كهربياً، فيمكن طيها للخلف وفتحها في موضع القيادة كهربياً.

يوجد مفتاح المرايا التي يتم طيها كهربياً بين مفتاحي المرأة العاملة بالطاقة L (الأيسر) و R (الأيمن). اضغط على المفتاح مرة واحدة لطي المرايا للداخل واضغط عليه مرة أخرى لتعود المرايا إلى وضع القيادة العادي.

في حالة طي المرايا يدوياً بعد دورة كهربية، قد يتطلب الأمر ضغطة زائدة على الزر لإعادة المرايا مرة أخرى إلى الوضع الرئيسي. في حالة عدم استجابة المرايا للطي كهربياً تحقق من الجليد أو الأوساخ المتركمة في منطقة المحور والتي قد تتسبب في سحب زائد.



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مفتاح المرأة التي يتم طيها كهربياً

المرايا التي يتم طيها كهربياً بصورة أوتوماتيكية

عند تمكين ميزة مرايا الطي الأوتوماتيكي، سيتم طي المرايا الخارجية للداخل عند الخروج من السيارة (مفتاح التشغيل في وضع OFF (إيقاف التشغيل) وإغلاق جميع الأبواب، وقلق الأبواب).

- في حالة طي المرايا الخارجية بصورة أوتوماتيكية، فإنها تفتح عند إدارة مفتاح التشغيل إلى وضع ON (التشغيل).
- إذا تم طي المرايا الخارجية يدوياً، فلن يتم فتحها أوتوماتيكيًا.

ملاحظة:

لا يتم تشغيل ميزة طي المرايا/فتحها أوتوماتيكيًا عند استلامها من المصنع. يمكن تشغيل أو إيقاف تشغيل ميزة طي المرايا/فتحها أوتوماتيكيًا باستخدام نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

إعادة ضبط المرايا الخارجية التي يتم طيها كهربياً

قد تحتاج إلى إعادة ضبط المرايا التي يتم طيها كهربياً في حالة حدوث ما يلي:

- تمت إعاقة المرايا دون قصد عند طيها.
- تم طي/إلغاء طي المرايا يدوياً دون قصد.
- خرجت المرايا من الوضع الذي تكون فيه غير مطوية.
- اهتزت المرايا وتأرجحتها في سرعات القيادة العادية.

إعادة ضبط المرايا التي يتم طيها كهربياً: قم بطيها وإلغاء طيها بالضغط على الزر (قد يتطلب هذا الضغط المتكرر على الزر). سيعمل هذا على إعادة ضبطها على الوضع العادي.

المرايا المسخنة - إذا كانت السيارة مزودة بذلك

تسخن هذه المرايا لإذابة الجليد أو الصقيع. سيتم تنشيط هذه الميزة عند تشغيل مزيل صقيع الزجاج الخلفي (إذا كانت السيارة مزودة بذلك).



راجع "مفاتيح التحكم في درجة الحرارة" في "التعرف على سيارتك" للحصول على مزيد من المعلومات.

إمالة المرايا الجانبية عند الرجوع إلى الخلف (تتوفر مع المقعد المزود بذاكرة فقط) - إذا كانت السيارة مزودة بذلك

توفر ميزة إمالة المرايا الجانبية عند الرجوع إلى الخلف إمكانية ضبط موضع المرأة الخارجية والتي تساعد السائق على رؤية الأرض خلف الأبواب الأمامية. ستتحرك المرايا الخارجية قليلاً 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 مقعد مزود بذاكرة مَحْرَزَن وضع لإمالة المرايا الجانبية عند الرجوع إلى الخلف مرتبط به.

تضبط هذه المرآة أوتوماتيكيًا لتقليل شدة ضوء المصابيح الأمامية الذي تسببه السيارات من الخلف.

ملاحظة:

يتم تعطيل ميزة مرآة التعقيم الأوتوماتيكي عندما تكون السيارة في وضع REVERSE (الرجوع للخلف) لتحسين رؤية السائق.

ويمكن تشغيل الميزة أو إيقاف تشغيلها بالضغط على الزر الموجود في أسفل المرآة. يضيء الضوء الموجود على الزر للإشارة إلى أنه تم تنشيط ميزة التعقيم.



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مرآة التعقيم الأوتوماتيكي

تنبيه!

لتفادي تلف المرآة أثناء التنظيف، لا ترش السائل المنظف مباشرة على المرآة أبدًا. بل رش السائل المنظف على قطعة قماش نظيفة وامسح المرآة.

المرآا الخارجية

للحصول على أقصى استفادة، اضبط المرآة (المرآا) الخارجية بحيث تكون في وسط حارة المرور المجاورة لسيارتك وبحيث تستطيع أن ترى فيها ما تراه في المرآة الداخلية ولكن بشكل متراكب قليلاً.

تحذير!

تبدو السيارات والأشياء الأخرى التي تراها في المرآة الخارجية المحدبة أصغر وأبعد مما هي عليه بالفعل. إن الاعتماد كثيرًا على المرآا الجانبية المحدبة قد يؤدي إلى ارتطامك بسيارات أو أشياء أخرى. استخدم المرآة الداخلية للتأكد من حجم أو بُعد السيارة التي تراها في المرآة الجانبية المحدبة.

ميزة طي المرآا الخارجية

إن جميع المرآا الخارجية مزودة بمفصلة ويمكن تحريكها إلى الأمام أو الخلف لتفادي تلفها. تحتوي المفصلات على ثلاث مواضع للحايسة:

- الوضع الأمامي الكامل
- الوضع الخلفي الكامل
- الوضع العادي

مرآا التعقيم الأوتوماتيكي الخارجية - إذا كانت السيارة مزودة بذلك

تضبط المرآا الخارجية أوتوماتيكيًا لتقليل شدة الضوء الصادر عن السيارات القادمة من الخلف. يتم التحكم في هذه الميزة بواسطة مرآة التعقيم الأوتوماتيكي الداخلية. تضبط

المرآا الخارجية أوتوماتيكيًا لتقليل شدة ضوء المصابيح الأمامية عند ضبط المرآة الداخلية.

المرآا العاملة بالطاقة

مفتاح المرآة العاملة بالطاقة موجود على لوحة كسوة باب السائق.

تتكون مفاتيح تحكم المرآة العاملة بالطاقة من أزرار تحديد المرآة ومفتاح رباعي الاتجاه للتحكم في المرآة. لضبط إحدى المرآا، اضغط على زر تحديد المرآة الخاص بالمرآة التي تريد ضبطها. باستخدام مفتاح التحكم في المرآة، اضغط على أحد الأسهم الأربعة لتحديد الاتجاه الذي تريد تحريك المرآة إليه.



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مفتاح المرآة العاملة بالطاقة

- 1 - مفتاح التحكم في اتجاه المرآا
- 2 - تحديد المرآة

يمكن التحكم في أوضاع المرآة العاملة بالطاقة المحددة مسبقًا عن طريق ميزة مقعد المضبوط في الذاكرة

ملاحظة:

في السيارات المزودة بالمقعد المضبوط في الذاكرة للسائق، يمكنك استخدام حافظه المفاتيح أو مفتاح الذاكرة على لوحة كسوة باب السائق لإرجاع عمود التوجيه القابل للإمالة/الإطالة والتقصير إلى الأوضاع المبرمجة مسبقاً. راجع "المقعد المضبوط في الذاكرة للسائق" في هذا القسم لمزيد من المعلومات.


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 إصابة بالغة أو الوفاة.

عجلة القيادة المسخنة – إذا كانت السيارة مزودة بذلك

تحتوي عجلة القيادة على عنصر تسخين للمساعدة على تدفئة يديك أثناء الطقس البارد. ويوجد إعداد واحد فقط لضبط درجة الحرارة 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.

يقع زر التحكم في عجلة القيادة المسخنة في منتصف لوحة أجهزة قياس أسفل شاشة المس وفي شاشة التحكم في درجة الحرارة ومفاتيح التحكم في شاشة المس.

• اضغط على زر عجلة القيادة المسخنة  مرة واحدة لتشغيل عنصر التسخين.

• اضغط على زر عجلة القيادة المسخنة  مرة ثانية لإيقاف تشغيل عنصر التسخين.

ملاحظة:

يجب أن يكون المحرك في وضع التشغيل لكي تعمل عجلة القيادة المسخنة.

السيارات المزودة بنظام بدء التشغيل عن بُعد

في الطرز المزودة بنظام بدء التشغيل عن بُعد، يمكن برمجة عجلة القيادة المسخنة بحيث يتم تشغيلها عند بدء التشغيل عن بُعد.

يمكن برمجة هذه الميزة من خلال نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

تحذير!

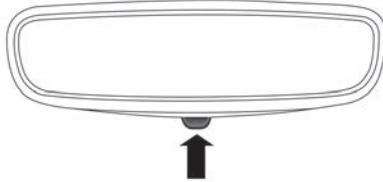
- الأشخاص غير القادرين على تحمل وجود ألم بالجلد بسبب كبر السن أو المرض المزمن أو الإصابة بمرض السكر أو إصابة العمود الفقري أو تناول الأدوية أو التعب الشديد أو أي حالة بدنية أخرى، على كل هؤلاء توخي الحرص عند استخدام جهاز تدفئة عجلة القيادة. فقد يتعرض هؤلاء لحروق حتى مع انخفاض درجات الحرارة، وخصوصاً عند استخدامه لفترات طويلة.
- لا تضع أية 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.

المرايا

المرآة الداخلية للاستخدام في النهار والليل - إذا كانت السيارة مزودة بذلك

يمكن ضبط رأس المرآة لأعلى ولأسفل وللليسار ولليمين وفقاً لظروف القيادة المختلفة. يجب ضبط المرآة لتوسيط الرؤية من خلال النافذة الخلفية.

يمكن تقليل شدة ضوء الأضواء الأمامية للسيارات القادمة من الخلف وذلك بتحريك مفتاح التحكم الصغير الموجود تحت المرآة إلى وضع الليل (يسحب باتجاه مؤخرة السيارة). ويجب ضبط المرآة عند إرجاعها إلى وضع النهار (باتجاه الزجاج الأمامي).



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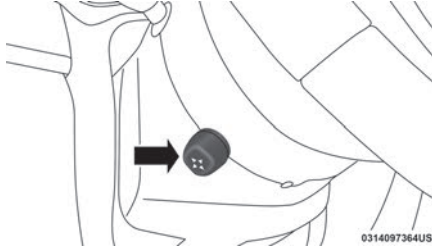
ضبط مرآة الرؤية الخلفية

مرآة التعيين الأوتوماتيكي - إذا كانت السيارة مزودة بذلك

يمكن ضبط رأس المرآة لأعلى ولأسفل وللليسار ولليمين وفقاً لظروف القيادة المختلفة. يجب ضبط المرآة لتوسيط الرؤية من خلال النافذة الخلفية.

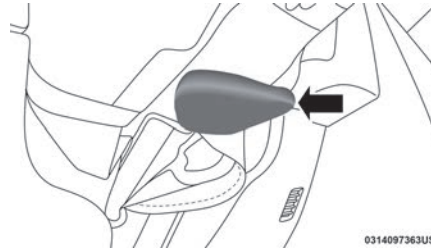
عمود التوجيه القابل للإمالة والإطالة والتقصير كهربياً -
إذا كانت السيارة مزودة بذلك

تتيح لك هذه الميزة إمالة عمود التوجيه لأعلى أو لأسفل. كما
تتيح إطالة أو تقصير عمود التوجيه. يقع ذراع التحكم في
عمود التوجيه القابل للإطالة والتقصير والإمالة كهربياً
أسفل ذراع التحكم متعدد الوظائف الموجود على عمود
التوجيه.



عمود التوجيه القابل للإمالة/الإطالة والتقصير العامل بالطاقة

لإمالة عمود التوجيه، قم بتحريك الذراع لأعلى أو لأسفل
حسب رغبتك. لإطالة أو تقصير عمود التوجيه، قم بجذب
الذراع في اتجاهك أو ادفعه عكس اتجاهك حسب رغبتك.



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ذراع التحكم في الإطالة والتقصير والإمالة

لإلغاء قفل عمود التوجيه، اضغط على الذراع لأسفل (في
اتجاه الأرضية). لإمالة عمود التوجيه، قم بتحريك عجلة
القيادة لأعلى أو لأسفل حسب رغبتك. لإطالة أو تقصير
عمود التوجيه، قم بجذب عجلة القيادة للخارج أو ادفعها
لداخل حسب رغبتك. لقفل عمود التوجيه في موضعه،
اسحب الذراع لأعلى حتى يتم التعشيق الكامل.

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 إصابة بالغة أو
الوفاة.

تحذير!

- قد يترتب على انفعال مسند الرأس غير المثبت بإحكام داخل السيارة عند التعرض لتصادم أو بسبب التوقف المفاجئ حدوث إصابة بالغة لركاب السيارة أو وفاتهم. دائماً قم بتخزين مساند الرأس التي تمت إزالتها في مكان ما خارج مقصورة الراكب.
- يجب إعادة تركيب جميع مساند الرأس في السيارة لحماية الركاب بطريقة صحيحة. اتبع إرشادات إعادة التثبيت الموضحة أعلاه قبل تشغيل السيارة أو الجلوس في المقعد.

عجلة القيادة

عمود التوجيه القابل للإمالة/الإطالة والتقصير اليدوي -
إذا كانت السيارة مزودة بذلك

تتيح لك هذه الميزة إمالة عمود التوجيه لأعلى أو لأسفل. كما
تتيح إطالة أو تقصير عمود التوجيه. يوجد ذراع التحكم في
الإطالة والتقصير والإمالة أسفل عجلة القيادة عند نهاية
عمود التوجيه.

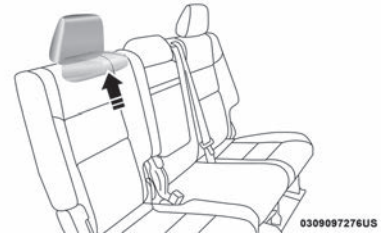
- في حالة انتفاخ مسند الرأس النشط، راجع "أنظمة تثبيت الركاب/إعادة ضبط مساند الرأس النشطة (AHR)" في "السلامة" للحصول على مزيد من المعلومات.

تحذير!

- يجب إعادة تركيب جميع مساند الرأس في السيارة لحماية الركاب بطريقة صحيحة.
- ينبغي على جميع الركاب بمن فيهم السائق ألا يقوموا بتشغيل السيارة أو الجلوس في أحد مقاعها إلا عند وضع مساند الرأس في مواضعها المناسبة كي يتم تقليل خطر إصابة العنق في حالة وقوع تصادم.
- لا تضع أشياء أعلى مسند الرأس النشط مثل المعاطف أو أغطية المقاعد أو أجهزة تشغيل أقراص DVD المحمولة. قد تتداخل هذه الأشياء مع تشغيل مسند الرأس النشط في حالة وقوع تصادم وقد ينتج عن ذلك وقوع إصابة بالغة أو الوفاة.
- يمكن أن تنتفخ مساند الرأس النشطة إذا اصطدم بها أحد الأشياء مثل يد أو قدم أو حمولة غير مثبتة. لتجنب الانتفاخ غير المقصود لمسند الرأس النشط، تأكد من تثبيت الحمولة كلها حيث إن الحمولة السائبة قد تتلامس مع مسند الرأس النشط أثناء التوقفات المفاجئة. قد يؤدي عدم الالتزام بهذا التحذير إلى التسبب في وقوع إصابة شخصية في حالة انتفاخ مسند الرأس النشط.

ضبط - المقاعد الخلفية

لا يمكن ضبط مساند الرأس بالمقاعد الخارجية. حيث يتم طيها أوتوماتيكيًا عند طي المقعد الخلفي إلى موضع أرضية التحميل ولكنها لا تعود إلى وضعها الطبيعي عند رفع المقعد الخلفي. بعد عودة المقعد إلى الوضع المستقيم، ارفع مسند الرأس حتى يستقر في مكانه. مساند الرأس الخارجية غير قابلة للإزالة.



مسند الرأس الخلفي المطوي

ويمكن ضبط مسند الرأس المركزي بشكل محدود. ارفع للأعلى من مسند الرأس لرفعه، أو اضغط لأسفل على مسند الرأس لخفضه.

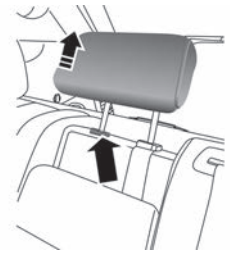
إزالة مسند الرأس — المقاعد الخلفية

يمكن ضبط مسند الرأس الأوسط عند استخدامه بواسطة أحد الركاب، أو فكه من أجل ربط مقعد الطفل. لفك مسند الرأس، ارفعه إلى أقصى درجة عن طريق سحبه لأعلى. ثم، اضغط على زر التحرير الموجود عند قاعدة القائم أثناء سحب مسند الرأس لأعلى. لإعادة تركيب مسند الرأس،

ضع أعمدة مسند الرأس في الفتحات واضغط لأسفل. ثم، اضبط مسند الرأس إلى الطول المناسب.

تحذير!

- يجب إعادة تركيب جميع مساند الرأس في السيارة لحماية الركاب بطريقة صحيحة. اتبع إرشادات إعادة التثبيت الموضحة أعلاه قبل تشغيل السيارة أو الجلوس في المقعد.
- قد يؤدي الجلوس في مقعد تم خفض مسند الرأس الخاص به إلى حدوث إصابة بالغة أو الوفاة في حالة حدوث تصادم. تأكد دائمًا من أن مساند الرأس الخارجية في وضع مستقيم قبل الجلوس في المقعد.



زر تحرير مسند الرأس الأوسط

ملاحظة:

للتوجيه الصحيح لشريط التطويل الخاص بمقعد الطفل، راجع "أنظمة تثبيت الركاب" في "السلامة" للحصول على مزيد من المعلومات.

مساند الرأس

مساند الرأس مصممة لتقليل مخاطر الإصابة عن طريق تثبيد 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 مقاعها إلا عند وضع مساند الرأس في مواضعها المناسبة كي يتم تقليل خطر إصابة العنق في حالة وقوع تصادم.
- يجب عدم ضبط مساند الرأس مطلقاً أثناء حركة السيارة. قد ينجم عن قيادة السيارة مع إزالة مساند الرأس أو ضبطها بطريقة خاطئة إلى إصابة بالغة أو الوفاة في حالة وقوع تصادم.

مساند الرأس النشطة الإضافية - المقاعد الأمامية

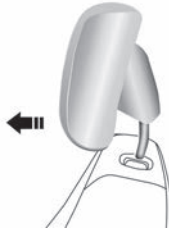
مساند الرأس النشطة هي مكونات تكون هامة وقابلة للتشغيل ويمكن التعرف بسهولة على السيارات المزودة بهذه المعدات بواسطة أي علامات من خلال فحص مسند الرأس بالعين المجردة فقط. تكون مساند الرأس النشطة (AHR) مقسومة إلى نصفين حيث يتم تصنيع النصف الأول من الفوم الناعم والفرش بينما يكون النصف الثاني من البلاستيك الزخرفي.

عند انتفاخ مساند الرأس النشطة (AHR) أثناء تصادم خلفي، سيمتد النصف الأمامي من مسند الرأس إلى الأمام لتقليل الفجوة الموجودة بين مؤخرة الرأس ومسند الرأس النشط (AHR). تم تصميم هذا النظام لتقليل مخاطر الإصابة للسانق أو الراكب الأمامي في أنواع معينة من التصادمات الخلفية. راجع "أنظمة تثبيت الركاب" ضمن "السلامة" للحصول على مزيد من المعلومات.

لرفع مسند الرأس، اسحبه إلى الأعلى. لخفض مسند الرأس، اضغط على زر الضبط الموجود في قاعدة مسند الرأس وادفع مسند الرأس إلى الأسفل.



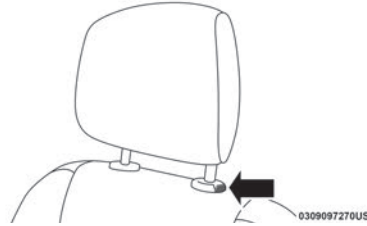
مسند الرأس النشط (الوضع العادي)



مسند الرأس النشط (الوضع المائل)

ملاحظة:

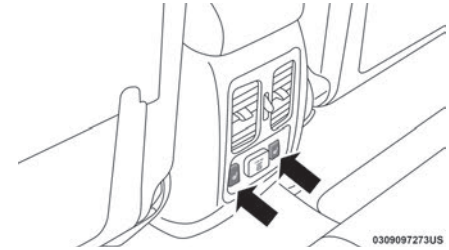
- يجب ألا يتم خلع مساند الرأس إلا بواسطة فنيين مؤهلين ولتنفيذ أغراض الخدمة فقط. عند الحاجة إلى فك أي من مساند الرأس، راجع الوكيل المعتمد.



زر الضبط



توفيراً للراحة، يمكن إمالة مساند الرأس النشطة إلى الأمام والخلف. لإمالة مسند الرأس بالقرب من مؤخرة رأسك، اسحب مسند الرأس من أسفل إلى الخارج. ادفع الجزء السفلي من مسند الرأس إلى الخلف لتحريكه بعيداً عن الرأس.

المقاعد الخلفية المسخنة - إذا كانت السيارة مزودة بذلك في بعض الطرز، قد يتم تزويد المقعدين الخلفيين الطرفيين بمقاعد مسخنة. ثمة مفتاحان للمقاعد المسخنة يسمان لركاب المقعد الخلفي بتشغيل المقاعد كل على حدة. تقعد مفاتيح المقعد المسخن لكل جهاز تدفئة في مؤخرة الكونسول المركزي.



مفاتيح المقاعد المسخنة الخلفية

يمكنك الاختيار من إعدادات التسخين HI (عال) أو LO (منخفض) أو OFF (إيقاف التشغيل). يشير ضوء المؤشر الأصفر بكل مفتاح إلى مستوى الحرارة الحالي. حيث يضيئ ضوءي المؤشر للإعداد HI (عال)، ومصباح واحد للإعداد LO (منخفض)، ولا تضيء أية مصابيح للإعداد OFF (إيقاف التشغيل).

- اضغط على المفتاح  مرة واحدة لتشغيل الإعداد HI (عال).
- اضغط على المفتاح  مرة ثانية لتشغيل الإعداد LO (منخفض).

- اضغط على المفتاح  مرة ثالثة لإيقاف تشغيل عناصر التسخين.

سيظل مستوى سخونة المحمد في وضع التشغيل حتى يقوم المشغل بتغييره.




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 أية حالة بدنية أخرى، على كل هؤلاء توخي الحرص عند استخدام جهاز تدفئة المقعد. فقد يتعرض هؤلاء لحروق حتى مع انخفاض درجات الحرارة، وخصوصاً عند استخدامه لفترات طويلة.
- لا تضع أية 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 درجة حرارة سطح المقعد الزائدة.

المقاعد الأمامية المزودة بفتحات تهوية — إذا كانت السيارة مزودة بذلك

في وسادة المقعد وظهر المقعد، توجد مراوح تسحب الهواء من مقصورة الركاب وتحرك الهواء من خلال فتحات دقيقة في غطاء المقعد للمساعدة في إبقاء السائق والراكب الأمامي يشعرون بالبرد في درجات الحرارة العالية المحيطة. وتعمل المراوح بسرعتين HI (عال) و LO (منخفض).

توجد مفاتيح التحكم في المقاعد الأمامية المزودة بفتحات التهوية داخل نظام Uconnect. ويمكنك الوصول إلى مفاتيح التحكم من خلال شاشة درجة الحرارة أو شاشة مفاتيح التحكم.

- اضغط على زر المقعد المزود بفتحات تهوية  مرة واحدة لاختيار HI (عال).
- اضغط على زر المقعد المزود بفتحات تهوية  مرة أخرى لاختيار LO (منخفض).
- اضغط على زر المقعد المزود بفتحات تهوية  مرة ثالثة لإيقاف تشغيل المقعد المزود بفتحات تهوية.

ملاحظة:

يجب أن يكون المحرك في وضع التشغيل لكي تعمل المقاعد المزودة بالتهوية.

السيارات المزودة بنظام بدء التشغيل عن بُعد

في الطرز المزودة بنظام بدء التشغيل عن بُعد، يمكن برمجة المقاعد المزودة بفتحات تهوية بحيث يتم تشغيلها عند بدء التشغيل عن بُعد.

يمكن برمجة هذه الميزة من خلال نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

ملاحظة:

لا يتم تمكين ميزة الدخول والخروج السهل عند تسلمك للسيارة من المصنع. يتم تمكين ميزة الدخول/الخروج السهل (أو تعطيلها لاحقاً) من خلال الميزات القابلة للبرمجة في نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة".

المقاعد المسخنة - إذا كانت السيارة مزودة بذلك


في بعض الطرز، قد تكون المقاعد الأمامية والخلفية مزودة بأجهزة تدفئة في وسائد وظهور المقاعد.


المقاعد المسخنة الأمامية

توجد أزرار التحكم في المقعد المسخن الأمامي في شاشة درجة الحرارة أو شاشة مفاتيح التحكم من شاشة اللمس.

يمكنك الاختيار من إعدادات التسخين HI (عالٍ) أو LO (منخفض) أو OFF (إيقاف التشغيل). تشير أسهم المؤشر على أزرار شاشة اللمس إلى مستوى الحرارة الحالي. سيضئ سهم المؤشر للإعداد HI (عالٍ)، وآخر للإعداد LO (منخفض). سيؤدي إيقاف تشغيل عناصر التسخين إلى عودة المستخدم إلى شاشة الراديو.

• اضغط على زر المقعد المسخن  مرة واحدة لتشغيل الإعداد HI (عالٍ).

• اضغط على زر المقعد المسخن  مرة ثانية لتشغيل الإعداد LO (منخفض).

• اضغط على زر المقعد المسخن  مرة ثالثة لإيقاف تشغيل عناصر التسخين.

ملاحظة:

• يمكن 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 سخونة المحدد في وضع التشغيل حتى يقوم المشغل بتغييره.

السيارات المزودة بنظام بدء التشغيل عن بُعد

في الطرز المزودة بنظام بدء التشغيل عن بُعد، يمكن برمجة المقاعد المسخنة بحيث يتم تشغيلها عند بدء التشغيل عن بُعد.

يمكن برمجة هذه الميزة من خلال نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

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 أية حالة بدنية أخرى، على كل هؤلاء توخي الحرص عند استخدام جهاز تدفئة المقعد. فقد يتعرض هؤلاء لحروق حتى مع انخفاض درجات الحرارة، وخصوصاً عند استخدامه لفترات طويلة.
- لا تضع أية 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 درجة حرارة سطح المقعد الزائدة.

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ملاحظة:

قبل برمجة حافظات المفاتيح، يجب تحديد ميزة "Memory Linked To Fob" (الذاكرة المرتبطة بحافظة المفاتيح) من خلال شاشة نظام Uconnect. راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

لبرمجة حافظات المفاتيح، قم بالإجراء التالي:

1. أدر مفتاح تشغيل السيارة إلى وضع OFF (إيقاف التشغيل).
2. اختر نموذج الذاكرة المطلوب 1 أو 2.

ملاحظة:

في حالة عدم وجود نموذج ذاكرة معين بالفعل، راجع "برمجة ميزة الذاكرة" في هذا القسم للحصول على تعليمات حول كيفية تعيين نموذج ذاكرة.

3. بمجرد استدعاء الوضع، اضغط على زر S (الضبط) الموجود على مفتاح الذاكرة وحرره.
4. في غضون خمس ثوانٍ، 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 ثوانٍ.

ملاحظة:

يمكن إلغاء ربط حافظات المفاتيح بإعدادات الذاكرة بالضبط على زر S (الضبط)، خلال 10 ثوانٍ، ثم الضغط على زر unlock (إلغاء القفل) بحافظة المفاتيح.

استعادة وضع الذاكرة

ملاحظة:

يجب أن تكون السيارة في وضع PARK (التوقف) لاستعادة نماذج الذاكرة. عند محاولة القيام بالاستدعاء أثناء وجود السيارة في وضع غير وضع PARK (التوقف)، ستظهر رسالة في شاشة عرض مجموعة أجهزة القياس.

استعادة وضع الذاكرة للسائق الأول

- لاستدعاء إعدادات الذاكرة للسائق الأول باستخدام مفتاح الذاكرة، اضغط على زر الذاكرة (1) الموجود على مفتاح الذاكرة.
- لاستدعاء إعدادات الذاكرة للسائق الأول باستخدام حافظة المفاتيح، اضغط على زر unlock (إلغاء القفل) على حافظة المفاتيح المرتبطة بموضع الذاكرة 1.

استعادة وضع الذاكرة للسائق الثاني

- لاستدعاء إعدادات الذاكرة للسائق الثاني باستخدام مفتاح الذاكرة، اضغط على زر الذاكرة (2) الموجود على مفتاح الذاكرة.
- لاستدعاء إعدادات الذاكرة للسائق الثاني باستخدام حافظة المفاتيح، اضغط على زر unlock (إلغاء القفل) على حافظة المفاتيح المرتبطة بموضع الذاكرة 2.

ويمكن إلغاء طلب الاستعادة بالضبط على زر من أزرار الذاكرة أثناء الاستدعاء (S أو 1 أو 2) أو عند إلغاء الضغط على أي مفتاح من مفاتيح ضبط المقعد. وعند إلغاء طلب الاستعادة، تتوقف حركة مقعد السائق وعمود التوجيه (إذا كانت السيارة مزودة بذلك). سيحدث تأخر لمدة ثانية واحدة قبل اختيار أي عملية إعادة استدعاء أخرى.

مقعد الدخول/الخروج السهل

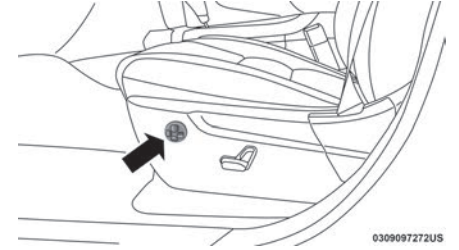
توفر هذه الميزة أوضاع مقعد سائق أوتوماتيكية لتسهيل حرية حركة السائق عند الدخول والخروج من السيارة.

تعتمد المسافة التي يتحركها مقعد السائق على الموضع الذي تركت عليه مقعد السائق عند إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

- عند إدارة مفتاح تشغيل السيارة إلى وضع OFF (إيقاف التشغيل)، سيتحرك مقعد السائق لمسافة 60 مم (2.4 بوصة) تقريباً إلى الخلف إذا كان وضع مقعد السائق على بُعد أكبر من أو يساوي 67.7 مم (2.7 بوصة) أمام المصدر الخلفي. يرجع المقعد إلى الوضع المضبوط عليه مسبقاً عند إدارة مفتاح تشغيل السيارة إلى وضع ACC (الملحقات) أو RUN (الانطلاق).
- يتم تعطيل ميزة الدخول/الخروج السهل عندما يكون مقعد السائق على مسافة أقل من 0.9 بوصة (22.7 مم) أمام المصدر الخلفي. فعند هذا الوضع لا تظهر فائدة للسائق من تحريك المقعد للدخول أو الخروج السهل.

لكل إعداد ذاكرة مخزن وضع خروج سهل ودخول سهل مرتبط به.

يوجد مفتاح دعامة أسفل الظهر العاملة بالطاقة على الجانب الخارجي من المقعد العامل بالطاقة. ادفع المفتاح للأمام لزيادة دعامة أسفل الظهر. ادفع المفتاح للخلف لتقليل دعامة أسفل الظهر. يؤدي دفع المفتاح للأعلى أو الأسفل إلى زيادة أو خفض موضع الدعم.



مفتاح دعامة أسفل الظهر العاملة بالطاقة

مقعد السائق المزود بذاكرة - إذا كانت السيارة مزودة بذلك

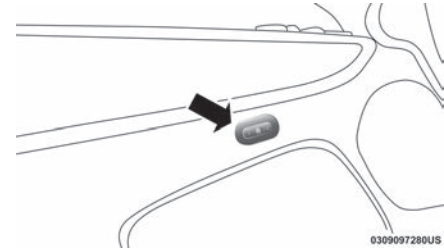
تتيح هذه الميزة للسائق تخزين نمودي ذاكرة للاستدعاء السريع من خلال مفتاح ذاكرة. يتضمن كل وضع من أوضاع نموذج الذاكرة إعدادات الوضع المرغوبة لمقعد السائق والمرايا الجانبية وعمود التوجيه القابل للإمالة/الإطالة والتقصير كهربياً (إذا كانت السيارة مزودة بذلك) وكذلك مجموعة من محطات الراديو المضبوطة مسبقاً. وبالإمكان أيضاً برمجة حافظات المفاتيح لاستعادة الأوضاع نفسها عند الضغط على زر unlock (إلغاء القفل).

ملاحظة:

سيارتك مزودة بحافظتين للمفاتيح، يمكن ربط إحدهما بوضع الذاكرة 1 والأخرى بوضع الذاكرة 2.

يوجد مفتاح المقعد المزود بذاكرة على لوحة كسوة باب السائق. يتألف المفتاح من ثلاثة أزرار:

- زر set (الضبط)، المستخدم لتنشيط وظيفة حفظ الذاكرة.
- الزرين (1) و(2) المستخدمين لاستدعاء أي من وضعي الذاكرة المبرمجين مسبقاً.



مفتاح مقعد الذاكرة

برمجة ميزة الذاكرة

ملاحظة:

لإنشاء نموذج ذاكرة جديد، قم بما يلي:

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 والمد كهربياً [إذا كانت السيارة مزودة بذلك] ومحطات الراديو المضبوطة مسبقاً).

3. اضغط على زر set (الضبط) الموجود على مفتاح الذاكرة، ثم حرره.

4. خلال خمس ثوان اضغط على أحد زري الذاكرة (1) أو (2) ثم حرره. تعرض شاشة عرض مجموعة أجهزة القياس وضع الذاكرة الذي تم ضبطه.

ملاحظة:

• يمكن ضبط نماذج الذاكرة دون الحاجة إلى أن تكون السيارة في وضع PARK (التوقف)، إلا أنه يجب أن تكون السيارة في وضع PARK (التوقف) كي يمكن استدعاء نموذج الذاكرة.

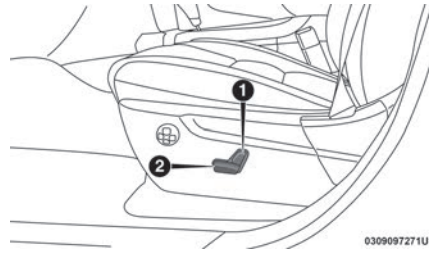
• لضبط نموذج الذاكرة على حافظات مفاتيح، راجع "ربط وإلغاء ربط حافظات مفاتيح مزودة بنظام فتح الأبواب عن بُعد من دون مفاتيح بالذاكرة" في هذا القسم.

ربط وإلغاء ربط حافظات مفاتيح مزودة بنظام فتح الأبواب عن بُعد من دون مفاتيح بالذاكرة

يمكن برمجة حافظات المفاتيح لاستدعاء أحد الوضعين المبرمجين مسبقاً بالذاكرة بالضغط على زر unlock (إلغاء القفل) على حافظات المفاتيح.

لرفع المقعد الخلفي

ارفع ظهر المقعد الخلفي، وقم بقلبه في موضعه. إذا كان هناك عائق في منطقة الحمولة يمنع القفل الكامل لظهر المقعد، فستعاني من صعوبة في إرجاع المقعد إلى موضعه الصحيح.



مفتاح المقعد العامل بالطاقة

1 - مفتاح ظهر المقعد

2 - مفتاح المقعد

ضبط المقعد للأمام أو الخلف

يمكن ضبط المقعد للأمام أو للخلف. اضغط على مفتاح المقعد للأمام أو للخلف. سوف يتحرك المقعد في اتجاه المفتاح. حرر المفتاح عند الوصول إلى الوضع المطلوب.

ضبط المقعد لأعلى أو لأسفل

يمكن ضبط ارتفاع المقاعد لأعلى أو لأسفل. اسحب لأعلى أو ادفع لأسفل من مفتاح المقعد، وسيتحرك المقعد في اتجاه المفتاح. حرر المفتاح عند الوصول إلى الوضع المطلوب.

إمالة المقعد لأعلى أو لأسفل

يمكن ضبط زاوية وسادة المقعد لأعلى أو لأسفل. اسحب لأعلى أو ادفع لأسفل الجزء العلوي من مفتاح المقعد. سوف يتحرك الجزء العلوي من وسادة المقعد في اتجاه المفتاح. حرر المفتاح عند الوصول إلى الوضع المطلوب.

إمالة ظهر المقعد

يمكن ضبط زاوية ظهر المقعد للأمام أو للخلف. قم بدفع مفتاح ظهر المقعد للأمام أو للخلف، وسيتحرك المقعد في اتجاه المفتاح. حرر المفتاح عند الوصول إلى الوضع المطلوب.

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 الإصابات أو الوفاة نتيجة لسوء ضبط حزام الأمان.
- لا نقد 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 بالغة 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 توقفت بواسطة عائق يعترض طريقه.

دعامة أسفل الظهر العاملة بالطاقة — إذا كانت السيارة مزودة بذلك

قد تكون السيارات المزودة بمقاعد عاملة بالطاقة للسائق أو الراكب مزودة أيضاً بدعامة أسفل الظهر العاملة بالطاقة.

تحذير!

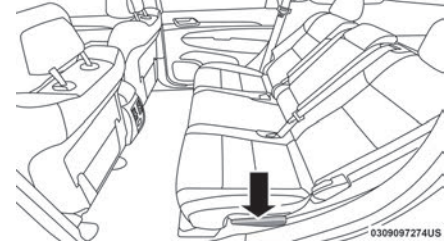
- تأكد من إحكام قفل ظهر المقعد بكامله في موضعه. إذا لم يكن ظهر المقعد محكم القفل في موضعه، فلن يوفر المقعد الاستقرار المناسب لمقاعد الأطفال و/أو الركاب. حيث قد يتسبب المقعد غير المثبت بشكل صحيح في حدوث إصابة بالغة.
- يجب عدم استخدام الأطفال لمنطقة الحمولة في مؤخرة السيارة (عندما تكون ظهور المقاعد الخلفية مرفوعة بالكامل أو مطوية) كمنطقة لعب أثناء تحرك السيارة. حيث قد يتعرضون للإصابة البالغة عند وقوع تصادم. ويجب على الأطفال الجلوس في المقاعد واستخدام نظام التثبيت المناسب.

الضبط الكهربائي (المقاعد الأمامية) — إذا كانت السيارة مزودة بذلك

قد تكون بعض الطرز مزودة بمقاعد عاملة بالطاقة للسائق والراكب الأمامي ذات ثمانية اتجاهات. تقع أزرار ضبط المقعد العامل بالطاقة في الجانب الخارجي من المقعد. ثمة مفتاحان يتحكمان في حركة وسادة المقعد وظهر المقعد.

إمالة المقعد الخلفي

لإمالة ظهر المقعد، ارفع الذراع الموجود على الجانب الخارجي من المقعد وقم بالاتكاء بظهرك على المقعد، ثم حرر الذراع في الموضع المطلوب. لإرجاع ظهر المقعد، ارفع الذراع وقم بالاتكاء للأمام، ثم حرر الذراع.



إمالة المقعد الخلفي

تحذير!

لا تقد السيارة وظهر المقعد مائل إلى الورا بشكل يمنع استقرار حزام الكتف حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة بالغة أو الوفاة.

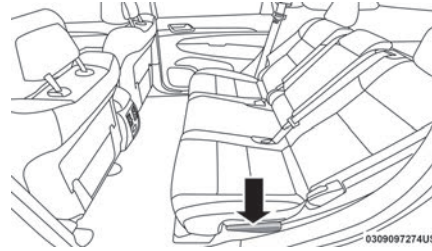
إنزال المقعد الخلفي

يمكن إنزال أي من جانبي المقعد الخلفي للسماح بمساحة تحميل أوسع مع الاحتفاظ بمساحة للجلوس في المقعد الخلفي.

ملاحظة:

تأكد من وجود المقاعد الأمامية في الوضع العمودي وللأمام. وهو الأمر الذي يسمح بطي ظهر المقعد بسهولة.

1. اسحب لأعلى ذراع التحرير لتحرير المقعد.

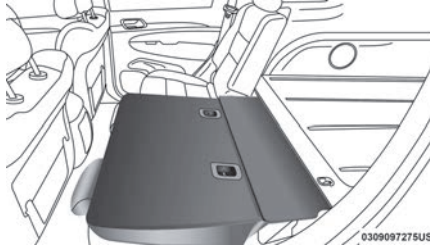


تحرير المقعد الخلفي

ملاحظة:

- لا تقم بطي المقعد الخلفي 60% لأسفل أثناء ربط حزام المقعد الخارجي الأيسر أو المقعد الخلفي الأوسط.
- لا تقم بطي المقعد الخلفي 40% للأسفل أثناء ربط حزام المقعد الخارجي الأيمن.

2. قم بطي المقعد الخلفي للأمام بالكامل.



المقعد الخلفي مطوي

ملاحظة:

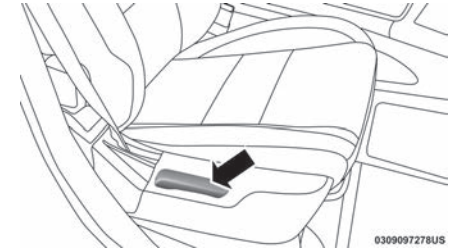
قد يحدث تشوه في طي وسادة المقعد من أباريزم حزام الأمان إذا تم طي المقاعد اليسرى لفترة طويلة من الوقت. هذا الأمر طبيعي، وبمرور الوقت سوف تعود وسادة المقعد إلى الشكل الطبيعي وذلك بفتح المقاعد ببساطة إلى وضع الفتح.

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

لضبط ظهر المقعد، ارفع الذراع الموجود على الجانب الخارجي من المقعد وقم بالاتكاء بظهرك على الموضع المطلوب، ثم حرر الذراع. لإرجاع ظهر المقعد، ارفع الذراع وقم بالاتكاء للأمام، ثم حرر الذراع.



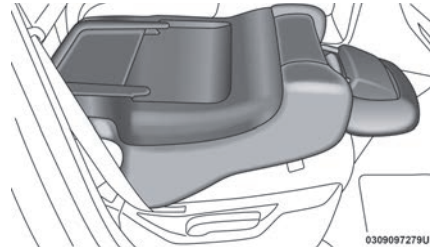
ذراع الإمالة

تحذير!

لا تقُد 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 بالغة أو الوفاة.

ميزة الطي المسطح لمقعد الراكب الأمامي — إذا كانت السيارة مزودة بذلك

لطي ظهر المقعد إلى موضع أرضية التحميل المسطحة، ارفع ذراع الإمالة وادفع ظهر المقعد للأمام. للعودة إلى موضع الجلوس، ارفع ظهر المقعد وقم بقلبه في موضعه.



الطي المسطح لمقعد الراكب الأمامي

تحذير!

- إن ضبط المقعد أثناء تحرك السيارة يعرضك للخطر. لأن الحركة المفاجئة للمقعد يمكن أن تؤدي إلى فقدان السيطرة على السيارة. وقد لا يكون حزام الأمان مربوطًا بصورة صحيحة مما قد يعرضك للإصابة البالغة أو الوفاة. لا تضبط أي مقعد إلا أثناء إيقاف السيارة.

- لا تقُد السيارة وظهر المقعد مائل إلى الوراء بحيث يمنع استقرار حزام الأمان حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة بالغة أو الوفاة. استخدم أداة الإمالة فقط عند وقوف السيارة.

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.

الضبط اليدوي (المقاعد 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 جسم مندفع خطر عند التوقف المفاجئ أو حدوث تصادم.

ملاحظة:

- عندما يتم تشييق نظام قفل حماية 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 الأبواب لحماية الأطفال، قم دائماً باختبار الباب من الداخل للتأكد من وجوده في الوضع المطلوب.
- بعد ضبط نظام قفل الأبواب لحماية الأطفال، اختبر الباب من الداخل دائماً للتأكد من وجوده في الموضع المطلوب.
- للخروج في حالات الطوارئ أثناء تشغيل النظام، اسحب مقبض قفل الباب لأعلى (وضع إلغاء القفل)، وقم بخفض النافذة وافتح الباب باستخدام مقبض الباب الخارجي.

تحذير!

تجنب احتجاز أي شخص داخل السيارة عند وقوع تصادم. تذكر أنه يمكن فتح الأبواب الخلفية فقط من الخارج عند تشغيل (قفل) أقفال حماية الأطفال.

ملاحظة:

استخدم هذا الجهاز دائماً عند حمل الأطفال. بعد تشييق قفل الأطفال في البابين الخلفيين، تحقق من كفاءة التشييق عن طريق محاولة فتح أحد الأبواب باستخدام المقبض الداخلي. بمجرد تشييق نظام قفل الأبواب لحماية الأطفال، يستحيل فتح الأبواب من داخل السيارة. قبل الخروج من السيارة، احرص على التحقق من عدم ترك أي شخص بالداخل.

المقاعد

تعد المقاعد جزءاً من نظام تثبيت الركاب بالسيارة.

تحذير!

- إن ركوب السيارة في منطقة الحمولة أمر بالغ الخطورة سواء كان ذلك داخل السيارة أو خارجها. ففي حالات التصادم من المحتمل جداً أن يتعرض الجالسون في هذه الأماكن إلى إصابة بالغة أو مميتة.
- لا تسمح لأي شخص بالركوب في أي جزء من السيارة غير مزود بمقاعد وأحزمة أمان. ففي حالات التصادم من المحتمل جداً أن يتعرض الجالسون في هذه الأماكن إلى إصابة بالغة أو مميتة.
- تأكد من جلوس جميع الركاب في المقاعد واستخدامهم لأحزمة الأمان بصورة صحيحة.

الضبط اليدوي (المقاعد الأمامية) - إذا كانت السيارة مزودة بذلك

تحذير!

- إن ضبط المقعد أثناء تحرك السيارة يعرضك للخطر. لأن الحركة المفاجئة للمقعد يمكن أن تؤدي إلى فقدان السيطرة على السيارة. وقد لا يكون حزام الأمان مربوطاً بصورة صحيحة مما يمكن أن يؤدي إلى إصابتك. اضبط المقعد أثناء توقف السيارة فقط.

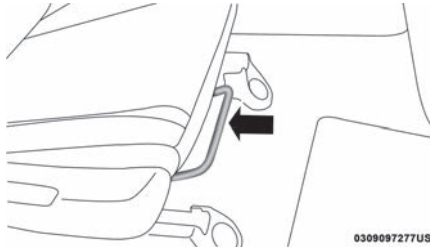
(تابع)

تحذير! (تابع)

- لا تقُد 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 المقاعد الأمامية للخلف/للأمام يدوياً

يتم تزويد بعض الطرز بمقعد راكب أمامي يُضبط يدوياً. يمكن ضبط المقاعد للأمام أو الخلف باستخدام قضيب بجوار مقدمة وسادة المقعد، بالقرب من الأرضية.

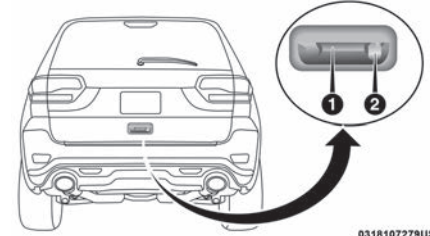


قضيب الضبط

أثناء ضبط المقعد، ارفع القضيب الموجود تحت وسادة المقعد وحرك المقعد للأمام أو الخلف. حرر القضيب عند الوصول للموضع المطلوب. وباستخدام ضغط جسمك، تحرك إلى الأمام والخلف وأنت جالس على المقعد للتأكد من تثبيت وصلات ضبط المقعد بإحكام.

إلغاء قفل/دخول باب المؤخرة

تعد ميزة إلغاء قفل نظام الدخول غير النشط لباب المؤخرة ميزة مدمجة في مفتاح تحرير باب المؤخرة الإلكتروني. مع وجود حافظه مفاتيح مزودة بنظام دخول غير نشط صالحة ضمن مسافة 5 أقدام (1.5 متر) من باب المؤخرة، اضغط على مفتاح تحرير باب المؤخرة الإلكتروني لفتح بركه واحدة سريعة.



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موقع مفتاح تحرير باب المؤخرة الإلكتروني/نظام الدخول غير النشط لباب المؤخرة

- 1 — مفتاح تحرير باب المؤخرة الإلكتروني
- 2 — موقع زر القفل

لقفل باب المؤخرة

مع وجود حافظه مفاتيح مزودة بنظام دخول غير نشط صالحة ضمن مسافة 5 أقدام (1.5 متر) من باب المؤخرة، اضغط على زر قفل الدخول النشط الموجود على مقبض باب المؤخرة الخارجي.

ملاحظة:

سيؤدي زر قفل نظام الدخول غير النشط لباب المؤخرة إلى قفل جميع الأبواب وباب المؤخرة. تعد ميزة إلغاء قفل نظام الدخول لباب المؤخرة ميزة مدمجة في مفتاح تحرير باب المؤخرة الإلكتروني.

قفل الأبواب مع وجود باب واحد أو أكثر مفتوح

إذا تم الضغط على مفتاح قفل الباب أثناء وجود مفتاح التشغيل في الوضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق) مع فتح باب السائق، فلن يتم قفل الأبواب.

إلغاء القفل الأوتوماتيكي للأبواب عند الخروج

سيتم إلغاء قفل الأبواب بصورة أوتوماتيكية في السيارات المزودة بأبواب عاملة بالطاقة بعد تسلسل الإجراءات التالي:

1. تمكين ميزة إلغاء القفل الأوتوماتيكي للأبواب عند الخروج.
2. إغلاق جميع الأبواب.
3. محدد التروس بناقل الحركة ليس في وضع PARK (التوقف)، ثم في وضع PARK (التوقف).
4. أحد الأبواب مفتوح.

إعادة القفل بصورة أوتوماتيكية - إذا كانت السيارة مزودة بذلك

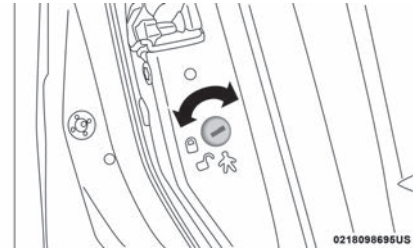
الحالة الافتراضية لميزة قفل الأبواب الأوتوماتيكية مُمكنة. عند تمكين هذه الميزة، ستعمل أقفال الأبواب على قفل الأبواب أوتوماتيكيًا عندما تتجاوز سرعة السيارة 15

ميلا/الساعة (24 كم/ساعة). يمكن تمكين ميزة قفل الأبواب أوتوماتيكيًا أو تعطيلها عن طريق الوكيل المعتمد. يمكن تمكين ميزة قفل الأبواب أوتوماتيكيًا أو تعطيلها في إعدادات نظام Uconnect.

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 كلا 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.



0218098696US

وظيفة قفل الأبواب لحماية الأطفال

ملاحظة:

• بعد الضغط على زر مقبض الباب، يجب الانتظار لمدة ثانيتين قبل أن يمكن قفل الأبواب أو إلغاء قفلها، باستخدام أي من مقبضي باب الدخول غير النشط. ويتم هذا لكي تتمكن من التعرف على ما إذا تم قفل السيارة عن طريق سحب مقبض الباب، من دون تفاعل السيارة وإلغاء القفل.

• في حالة تعطيل نظام الدخول غير النشط باستخدام نظام Uconnect، ستظل حماية المفتاح الموضحة في "منع القفل غير المتعمد لحافظة مفاتيح مزودة بنظام الدخول غير النشط في السيارة" نشطة/قابلة للعمل.

• ولن يعمل نظام الدخول غير النشط في حالة نفاذ شحنة بطارية حافظة مفاتيح.

كما يمكن أيضًا قفل أبواب السيارة باستخدام زر القفل الموجود في لوحة الباب الداخلية بالسيارة.

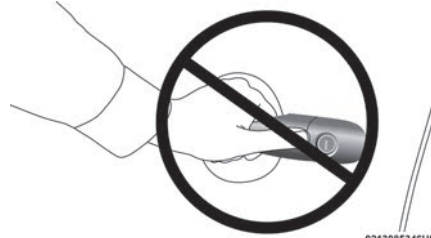


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اضغط على زر مقبض الباب للقفل

ملاحظة:

لا تمسك بمقبض الباب، عند الضغط على زر قفل مقبض الباب. حيث سيؤدي ذلك إلى إلغاء قفل الباب (الأبواب).



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لا تقم بإمسك المقبض عندما يكون مقفلاً

عند حدوث أي من هذه المواقف، بعد إغلاق جميع الأبواب المفتوحة، سيتم تنفيذ بحث الحافظة ذات المفتاح المدمج (FOBIK) الأمانة. إذا عثر على حافظة مفاتيح مزودة بنظام دخول غير نشط داخل السيارة، فسيتم إلغاء قفل السيارة وتنبية العميل.

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 مقابض قفل الباب.
- 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 نظام دخول غير نشط.

لقفل أبواب السيارة وباب المؤخرة

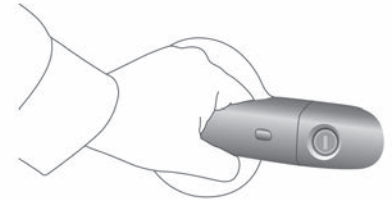
مع وجود إحدى حافظات المفاتيح المزودة بنظام دخول غير نشط الخاصة بالسيارة ضمن مسافة 5 أقدام (1.5 متر) من جانب مقابض باب السائق أو الراكب الأمامي، يؤدي الضغط على زر قفل الدخول غير النشط إلى قفل السيارة.

الافتراضية) أو 60 أو 90 ثانية. كما يعمل إلغاء قفل الدخول غير النشط على وميض مصابيح إشارة الانعطاف مرتين.

- في حالة ارتدادك لقفازين، أو في حالة هطول الأمطار/ الجليد على مقبض باب دخول غير نشط، قد تتأثر حساسية إلغاء القفل، مما يؤدي إلى بطء وقت الاستجابة.
- في حالة إلغاء قفل السيارة بواسطة نظام الدخول غير النشط وعدم وجود باب مفتوح خلال 60 ثانية، سوف تتم إعادة قفل السيارة وسوف يتم تنشيط إنذار الأمان إذا كانت السيارة مزودة بذلك.

إلغاء القفل من جانب السائق

باستخدام حافظة المفاتيح المزودة بنظام الدخول غير النشط صالحة ضمن مسافة 1.5 متر (5 أقدام) من مقبض باب السائق، أمسك مقبض باب السائق الأمامي لإلغاء قفل باب السائق أو توماتيكياً.



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أمسك مقبض الباب لإلغاء القفل

ملاحظة:

في حالة برمجة "Unlock All Doors 1st Press" (إلغاء قفل جميع الأبواب عند الضغطة الأولى)، يتم فتح جميع الأبواب عند مسك مقبض باب السائق الأمامي. للتحديد بين "Unlock Driver Door 1st Push" (إلغاء قفل باب السائق عند الضغطة الأولى) و"Unlock All Doors 1st Press" (إلغاء قفل جميع الأبواب عند الضغطة الأولى)، راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

إلغاء القفل من جانب الراكب

باستخدام حافظة مفاتيح مزودة بنظام دخول غير نشط صالحة ضمن مسافة 5 أقدام (1.5 متر) من مقبض باب الراكب، أمسك مقبض باب الراكب الأمامي لإلغاء قفل جميع الأبواب الأربعة وباب المؤخرة أو توماتيكياً.

ملاحظة:

سيتم إلغاء قفل جميع الأبواب عند مسك مقبض باب الراكب الأمامي بغض النظر عن الإعداد المفضل لإلغاء قفل باب السائق ("Unlock Driver Door 1st Press") (إلغاء قفل باب السائق عند الضغطة الأولى) و"Unlock All Doors 1st Press" (إلغاء قفل جميع الأبواب عند الضغطة الأولى)).

منع القفل غير المتعمد لحافظة مفاتيح مزودة بنظام الدخول غير النشط في السيارة (الحافظة ذات المفتاح المدمج (FOBIK) الأمانة)

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 أو توماتيكياً التي تعمل إذا كان مفتاح التشغيل في وضع OFF (إيقاف التشغيل).

تعمل الحافظة ذات المفتاح المدمج (FOBIK) الأمانة فقط في السيارات المزودة بنظام الدخول غير النشط هناك خمس حالات تؤدي إلى تنشيط بحث الحافظة ذات المفتاح المدمج (FOBIK) الأمانة في أي نظام دخول غير نشط في السيارة:

- 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 إنذار أمان السيارة في حالة تنشيط سابق 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 نشطاً.

في حالة قفل باب خلفي، فلا يمكن فتحه من داخل السيارة من دون إلغاء قفل الباب أولاً. ويمكن إلغاء قفل الباب يدوياً عن طريق رفع مقبض القفل.

ميزة الحركة والتشغيل من دون مفتاح - نظام الدخول غير النشط

نظام الدخول غير النشط هو ميزة محسنة تم إدخالها على حافظه مفاتيح السيارة وميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go - نظام الدخول غير النشط. يتيح لك هذه الميزة قفل باب (أبواب) السيارة وإلغاء قفلها دون الحاجة إلى الضغط على أزرار القفل أو إلغاء القفل بحافظة المفاتيح.

ملاحظة:

- يمكن برمجة نظام الدخول غير النشط على ON/OFF (التشغيل/إيقاف التشغيل)، راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.
- قد لا يمكن اكتشاف حافظه 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 نظام الدخول غير النشط من قفل/إلغاء قفل السيارة.
- يبدأ إلغاء قفل الدخول غير النشط تشغيل مصابيح الاقتراب (الأضواء المنخفضة، ومصباح لوحة الأرقام، ومصابيح الوضع) للمدة المضبوطة بين 0 أو 30 (المدة



مفتاح قفل الباب العامل بالطاقة

سيتم إلغاء قفل باب السائق أوتوماتيكياً إذا وُجِدَت المفاتيح داخل السيارة عند استخدام زر قفل الباب الموجود في الكسوة لقفل الباب.

ملاحظة:

إذا كانت حافظه 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 أوتوماتيكياً.

وفي المحاولة الثالثة، سيتم قفل الأبواب حتى وإن كان المفتاح بالداخل.

إذا تم الضغط على مفتاح قفل الباب أثناء وجود مفتاح التشغيل في الوضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق) مع فتح باب السائق، فلن يتم قفل الأبواب.

تحذير!

- اقلق الأبواب دائماً 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 دوماً أن نقطة التشغيل من دون مفاتيح في وضع "OFF" (إيقاف التشغيل)، وقم بإزالة حافظه المفاتيح من السيارة وأقلق السيارة.
- لا تترك أبداً الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مغلقة. يعد ترك الأطفال في السيارة من دون مراقبة أمراً خطراً لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابة بالغة أو مميتة. وعليه فيجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد التروس.
- لا تترك حافظه المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه، ولا تترك سيارة مزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). فياستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

أقفال الأبواب العاملة بالطاقة

توجد مفاتيح أقفال الأبواب العاملة بالطاقة على لوحة كل باب أمامي. اضغط على المفتاح لإلغاء قفل الأبواب أو قفلها.

• بالنسبة للسيارات المزودة 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:

- اضغط على زر القفل الموجود بمفتاح قفل الباب العامل 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 صالحة في نفس المنطقة الخارجية (راجع "الأبواب" في قسم "التعرف على سيارتك" للحصول على مزيد من المعلومات).
- اضغط على زر القفل الموجود في حافظة المفاتيح.

3. إذا كان هناك أي من الأبواب مفتوحًا، فقم بإغلاقه.

إلغاء تنشيط النظام

يمكن إلغاء تنشيط إنذار أمان السيارة باتباع أي من الطرق التالية:

- اضغط على زر إلغاء القفل على حافظة المفاتيح.
- أمسك مقبض باب الدخول غير النشط لفتح الباب، راجع "الأبواب" في قسم "التعرف على سيارتك" للحصول على مزيد من المعلومات.
- أدر مفتاح التشغيل من وضع إيقاف التشغيل لإيقاف تشغيل النظام.

ملاحظة:

- لا يمكن تشغيل إنذار أمان السيارة أو إيقاف تشغيله بواسطة أسطوانة مفتاح باب السائق وزر باب المؤخرة الموجود على حافظة المفاتيح.
- يظل إنذار أمان السيارة قيد التشغيل أثناء الدخول من باب المؤخرة العامل بالطاقة. كما أن الضغط على زر باب المؤخرة لن يوقف عمل إنذار أمان السيارة. في حالة تسلسل شخص ما إلى السيارة عبر باب المؤخرة وقام بفتح أحد الأبواب، سوف ينطلق صوت جهاز الإنذار.
- عند تشغيل إنذار أمان السيارة، لن تقوم مفاتيح أقفال الأبواب العاملة بالطاقة الداخلية بإلغاء قفل الأبواب.

تم تصميم إنذار أمان السيارة لحماية سيارتك. ومع ذلك فقد تواجه حالات يقوم فيها النظام بتقديم إنذار مزيف. إذا حدثت إحدى حالات تسلسل التشغيل الوارد وصفها سابقًا، فسيتم تشغيل إنذار أمان السيارة بغض النظر عن وجودك داخل السيارة أم لا. فإذا بقيت في السيارة وفتحت أحد الأبواب، فسيقوم النظام بإصدار صوت الإنذار. إذا حدث ذلك، فقم بتعطيل إنذار أمان السيارة.

إذا كان إنذار أمان السيارة نشطًا وتم فصل البطارية، فسوف يستمر عمل إنذار أمان السيارة بعد إعادة توصيل البطارية، وتومض المصابيح الخارجية وتصدر آلة التنبيه إشارة صوتية. إذا حدث ذلك، فقم بتعطيل إنذار أمان السيارة.

إعادة تنشيط النظام

إذا أطلق شيء ما جهاز الإنذار ولم يتم اتخاذ إجراء لإيقافه، فسوف يوقف نظام إنذار أمان السيارة تشغيل آلة التنبيه بعد

29 ثانية، خمس ثوان بين الدورات، حتى ثماني دورات إذا ظل جهاز الإنذار نشطًا، ثم ستم إعادة تنشيط نظام إنذار أمان السيارة بصورة ذاتية.

تجاوز نظام الأمان يدويًا

لا ينشط إنذار أمان السيارة في حالة قفل الأبواب باستخدام زر قفل الأبواب اليدوي.

إنذار العيب

إذا أطلق شيء ما إنذار أمان السيارة أثناء غيابك، فستصدر آلة التنبيه صوتًا ثلاث مرات وتومض المصابيح الخارجية ثلاث مرات عندما يتم فصل إنذار أمان السيارة. وفي هذه الحالة افحص السيارة للتأكد من أن أحدًا لم يعيب بها.

الأبواب

أقفال الأبواب اليدوية

يمكن قفل أقفال الأبواب العاملة بالطاقة يدويًا من داخل السيارة باستخدام مقبض قفل الباب. لقفل كل باب، اضغط على مقبض قفل الباب على لوحة الكسوة بكل باب إلى الأسفل. لفتح البابين الأماميين، اسحب مقبض الباب الداخلي إلى الحابسة الأولى. لإلغاء قفل الأبواب الخلفية، اسحب مقبض قفل الباب الموجود على لوحة كسوة الباب إلى الأعلى. إذا كان المقبض لأسفل أثناء قفل الباب، فسيتم قفل الباب. لذلك يجب التأكد من أن حافظة المفاتيح ليست داخل السيارة قبل إغلاق الباب.

ملاحظة:

لن يؤدي قفل السيارة يدويًا إلى تشغيل إنذار أمان السيارة.

تنبيه!

لا يتوافق نظام منع تشغيل المحرك لمفتاح سنتري كي Sentry Key مع بعض أنظمة التشغيل عن بُعد الموجودة في الأسواق. وقد يؤدي استخدام 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.

برمجة المفاتيح

تتم برمجةحافظة المفاتيح عند وكيل معتمد.

استبدال المفاتيح

ملاحظة:

يمكن فقط استخدام حافظات المفاتيح التي تمت برمجتها للعمل مع إلكترونيات السيارة لتشغيل السيارة. وبمجرد برمجةحافظة مفاتيح للعمل مع إحدى السيارات، لا يمكن برمجتها للعمل مع أية سيارة أخرى.

تنبيه!

• أخرج حافظات المفاتيح دوماً من السيارة وقم بقل جميع الأبواب عند ترك السيارة دون مراقبة.
• بالنسبة للسيارات المزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go -التشغيل، تذكر دوماً ضبط مفتاح التشغيل على وضع OFF (إيقاف التشغيل).

ملاحظة:

ويمكن عمل نسخ لحافظات المفاتيح لدى وكيل معتمد فقط. يتكون هذا الإجراء من برمجةحافظة مفاتيح جديدة مع إلكترونيات السيارة. وحافظة المفاتيح الجديدة هي تلك التي لم تتم برمجتها مسبقاً.

عند إجراء خدمات الصيانة لنظام منع تشغيل المحرك لمفتاح سنتري كي Sentry Key، ينبغي جلب جميع مفاتيح السيارة إلى الوكيل المعتمد.

التشغيل غير النظامي

يستخدم النظامحافظة مفاتيح ووحدة نقطة التشغيل ونقطة تشغيل زر الضغط دون مفتاح وجهاز استقبال الإشارة اللاسلكية لمنع التشغيل غير المرخص به للسيارة. ولذلك لا يمكن استخدام أية حافظات مفاتيح أخرى لتشغيل السيارة غير تلك المبرمجة للعمل مع السيارة. لن يسمح النظام للمحرك بالبدء في التشغيل في حالة استخدامحافظة مفاتيح غير صالحة لبدء تشغيل السيارة. ويقوم النظام بإيقاف تشغيل المحرك بعد ثانيتين إذا تم استخدامحافظة مفاتيح غير صالحة لتشغيل المحرك.

ملاحظة:

وتعتبر أيضاًحافظة المفاتيح التي لم تتم برمجتها مفتاحاً غير صالح.

أثناء التشغيل العادي، بعد ضبط التشغيل بدون مفتاح على وضع ON/RUN (التشغيل/الانطلاق)، سيضيء ضوء أمان السيارة لمدة ثلاث ثوان للقيام بإجراء الفحص بالمصباح. إذا ظل الضوء مضاءً بعد الفحص بالمصباح، فهذا يعني أن هناك مشكلة في الإلكترونيات. وإضافة إلى

ذلك، إذا بدأ الضوء في الوميض بعد الفحص بالمصباح، فهذا يشير إلى أن شخصاً ما قد استخدمحافظة مفاتيح غير صالحة في محاولة لبدء تشغيل المحرك. تتسبب أي من هذه الحالات في إيقاف تشغيل المحرك بعد ثانيتين.

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.

إنذار أمان السيارة - إذا كانت السيارة مزودة بذلك

يراقب إنذار أمان السيارة أبواب السيارة وغطاء المحرك وباب المؤخرة وميزة الحركة والتشغيل من دون مفتاح - مفتاح التشغيل لاكتشاف أي تشغيل غير مصرح به. عندما يكون إنذار أمان السيارة نشطاً، يتم تعطيل المفاتيح الداخلية لأقفال الأبواب ومفتاح تحرير باب المؤخرة. إذا أدى أي شيء إلى تنشيط الإنذار، فيسوف نظام إنذار أمان السيارة الإشارات الصوتية والمرئية التالية:

- سينطلق صوت آلة التنبيه.
- ستومض إشارات الانعطاف.
- سيومض ضوء أمان السيارة في مجموعة أجهزة القياس.

لتنشيط النظام

اتبع هذه الخطوات لتنشيط إنذار أمان السيارة:

1. تأكد من إدارة مفتاح تشغيل السيارة على وضع "OFF" (إيقاف التشغيل).

- يمكن بدء تشغيل المحرك لمرتين متتابعتين (دورتين) تستغرق كل منهما 15 دقيقة) باستخدام حافظه المفاتيح. ومع ذلك، يجب وضع التشغيل في وضع ON/RUN (التشغيل/الانطلاق) قبل التمكن من تكرار تسلسل بدء التشغيل لدورة ثالثة.

للخروج من وضع بدء التشغيل عن بُعد من دون قيادة السيارة

اضغط على زر Remote Start (بدء التشغيل عن بُعد) وحرره لمره واحدة أو قم بتشغيل المحرك لدورة مدتها 15 دقيقة.

ملاحظة:

لتجنب إيقاف التشغيل بشكل غير مقصود، يعطل النظام ميزة الضغط الواحدة على زر Remote Start (التشغيل عن بُعد) لثانيتين بعد تلقي طلب Remote Start (بدء تشغيل عن بُعد) صالح.

للخروج من وضع بدء التشغيل عن بُعد وقيادة السيارة

قبل انتهاء دورة التشغيل التي تبلغ مدتها 15 دقيقة، اضغط على زر إلغاء القفل بحافضة المفاتيح وحرره لإلغاء قفل الأبواب أو إلغاء قفل السيارة باستخدام ميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go - الدخول غير النشط من خلال مقابض الباب وتطيل نظام إنذار أمان السيارة (إذا كانت السيارة مزودة بذلك). ثم، قبل نهاية دورة 15 دقيقة، اضغط على زر START/STOP (بدء التشغيل/الإيقاف) وحرره.

ملاحظة:

بالنسبة للسيارات غير المزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go - 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 (بدء التشغيل).

أنظمة الراحة لبدء التشغيل عن بُعد - إذا كانت السيارة مزودة بذلك

عند تنشيط نظام بدء التشغيل عن بُعد، يتم تشغيل ميزتي عجلة القيادة المسخنة ومقعد السائق المسخن أو توماتيكياً في الطقس البارد. وفي الطقس الدافئ، يتم تشغيل مقعد السائق المزود بالتهوية أو توماتيكياً عند تنشيط بدء التشغيل عن بُعد. تظل هذه الميزات قيد العمل خلال مدة بدء التشغيل عن بُعد أو إلى أن يتم تدوير مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

ملاحظة:

يمكن تنشيط نظام الراحة التلقائي وتطيله من خلال نظام Uconnect. للحصول على مزيد من المعلومات حول تشغيل نظام الراحة، راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" للحصول على مزيد من المعلومات.

نظام سنترى كي SENTRY KEY

يمنع نظام منع تشغيل المحرك لمفتاح سنترى كي Sentry Key التشغيل غير المرخص به للسيارة وذلك عن طريق

تعطيل المحرك. لا يحتاج النظام إلى التفعيل أو التنشيط. كما أنه يعمل أوتوماتيكياً بغض النظر عما إذا كانت السيارة مغلقة أم لا.

يستخدم النظام حافظه مفاتيح وطريقة بديلة لتشغيل زر الضغط دون مفاتيح وجهاز استقبال الإشارة اللاسلكية لمنع التشغيل غير المرخص به للسيارة. ولذلك لا يمكن استخدام أية حافظات مفاتيح أخرى لتشغيل السيارة غير تلك المبرمجة للعمل مع السيارة. لن يسمح النظام للمحرك بالبدء في التشغيل في حالة استخدام حافظه مفاتيح غير صالحة لبدء تشغيل السيارة. ويقوم النظام بإيقاف تشغيل المحرك بعد ثانيتين إذا تم استخدام حافظه مفاتيح غير صالحة لتشغيل المحرك.

بعد إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)، سيضيء ضوء أمان السيارة لمدة ثلاث ثوان لإجراء الفحص بالمصباح. إذا ظل الضوء مضاءً بعد الفحص بالمصباح، فهذا يعني أن هناك مشكلة في الإلكترونيات. وإضافة إلى ذلك، إذا بدأ الضوء في الوميض بعد الفحص بالمصباح، فهذا يعني أن شخصاً ما قد استخدم حافظه مفاتيح غير صالحة لتشغيل المحرك. تتسبب أي من هذه الحالات في إيقاف تشغيل المحرك بعد ثانيتين.

إذا أضاء ضوء أمان السيارة أثناء التشغيل العادي للسيارة (تشغيل السيارة لمدة أطول من عشر ثوان)، فهذا يعني أن هناك عطل في الأجهزة الإلكترونية. وإذا حدث ذلك، فافحص السيارة بأسرع ما يمكن لدى وكيل معتمد.

• باستخدام التشغيل عن بُعد، سيعمل المحرك لمدة 15 دقيقة (المهلة) فقط إلا إذا تم وضع قرص التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

• يجب بدء تشغيل السيارة يدويًا بالضغط على زر START/STOP (بدء/إيقاف التشغيل) بعد انتهاء المهلة مرتين متتاليتين.
يجب استيفاء جميع الشروط التالية قبل أن يبدأ المحرك في بدء التشغيل عن بُعد:

• 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 (لم يتم الضغط على دواسة الفرامل)

• مستوى شحن البطارية مقبول

• النظام غير معطل من حدث بدء تشغيل عن بُعد سابق

• وميض مؤشر نظام إنذار السيارة

• مفتاح التشغيل في وضع STOP/OFF (إيقاف/إيقاف التشغيل)

• مستوى الوقود يفي بأقل المتطلبات

تحذير!

- لا تبدأ تشغيل المحرك في مرآب مغلق أو منطقة محكمة. يحتوي غاز العادم على أول أكسيد الكربون (CO) عديم اللون والرائحة. أول أكسيد الكربون سام ويمكن أن يسبب الإصابة البالغة أو الوفاة عند استنشاقه.
- حافظ على بقاء حافظات المفاتيح بعيدًا عن متناول الأطفال. تشغيل نظام بدء التشغيل عن بُعد والنوافذ وأقفال الأبواب أو أجهزة التحكم الأخرى يمكن أن تسبب في الإصابة البالغة أو الوفاة.

رسالة إلغاء نظام بدء التشغيل عن بُعد

سنظهر الرسائل التالية في شاشة عرض مجموعة أجهزة القياس إذا فشلت السيارة في بدء التشغيل عن بُعد أو في حالة الخروج من وضع بدء التشغيل عن بُعد قبل اكتماله:

• Remote Start Cancelled — Door Open
(تم إلغاء نظام بدء التشغيل عن بُعد - أحد الأبواب مفتوح)

• Remote Start Cancelled — Hood Open
(تم إلغاء نظام بدء التشغيل عن بُعد - غطاء المحرك مفتوح)

• Remote Start Cancelled — Fuel Low
(إلغاء نظام بدء التشغيل عن بُعد - انخفاض الوقود)

• Remote Start Aborted Timer Expired
(إلغاء نظام بدء التشغيل عن بُعد، انتهت مدة الموقت)

• Remote Start Aborted Liftgate Open
(تم إلغاء نظام بدء التشغيل عن بُعد، باب المؤخرة مفتوح)

• Remote Start Disabled - Start Vehicle
To Reset (تم تعطيل نظام بدء التشغيل عن بُعد - قم بتشغيل السيارة لإعادة الضبط)

تظل رسالة شاشة عرض مجموعة أجهزة القياس نشطة حتى يتم إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

للدخول إلى وضع بدء التشغيل عن بُعد

اضغط على زر Remote Start (بدء التشغيل عن بُعد) في حافظة المفاتيح مرتين في خلال خمس ثوان، ثم حرره. سوف يتم قفل أبواب السيارة، وتومض إشارات الانعطاف مرتين، وينطلق صوت آلة التنبيه مرتين. يتم عندئذ تشغيل المحرك وتظل السيارة في وضع Remote Start (بدء التشغيل عن بُعد) لدورة تستغرق 15 دقيقة.

ملاحظة:

• وفي حالة وجود خطأ في المحرك أو انخفاض مستوى الوقود، سيتم تشغيل السيارة وإيقاف تشغيلها خلال 10 ثوان.

• سيتم تشغيل مصابيح التوقف وتستمر بالتشغيل أثناء وضع بدء التشغيل عن بُعد.

• لمزيد من الأمان، يتم تعطيل تشغيل النوافذ العاملة بالطاقة عندما تكون السيارة في وضع بدء التشغيل عن بُعد.

تحذير!

- قبل الخروج من السيارة، توقف تمامًا، ثم حرّك ناقل الحركة الأوتوماتيكي إلى وضع PARK (التوقف) وقم بتعشيق فرامل التوقف، وأوقف تشغيل المحرك وأخرج حافظة المفاتيح من السيارة وقم بقلعها. إذا كانت السيارة مزودة بميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go، فتأكد دائمًا أن نقطة التشغيل دون مفاتيح في وضع "OFF" (إيقاف التشغيل)، وأخرج حافظة المفاتيح من السيارة وقم بقلع السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مغلقة.
- يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابة بالغة أو مميتة. وعليه فيجب 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 سيارة مزودة 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.
- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي ارتفاع درجة الحرارة بالداخل إلى حدوث إصابة بالغة أو الوفاة.

تنبيه!

السيارة غير المغلقة مطمع للصوص. أخرج حافظة المفاتيح دائمًا من السيارة وأقل جميع الأبواب عند ترك السيارة دون ملاحظة.

قفل عجلة القيادة الإلكتروني - إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزودة بقفل إلكتروني غير فعال لعجلة القيادة. ويمنع هذا القفل توجيه السيارة أثناء وجود مفتاح التشغيل في وضع OFF (إيقاف التشغيل). تحرير قفل عجلة القيادة أثناء وجود مفتاح التشغيل في ON (وضع التشغيل). إذا لم يتم تشغيل القفل لم يبدأ تشغيل السيارة، فقم بلف العجلة إلى اليسار واليمين لإلغاء تعشيق القفل.

نظام بدء التشغيل عن بُعد - إذا كانت السيارة مزودة بذلك

يستخدم هذا النظام حافظة المفاتيح لبدء تشغيل المحرك بسهولة من خارج السيارة مع الاستمرار في الحفاظ على الأمان. يبلغ نطاق النظام 100 مترًا (328 قدم).



يعمل أيضًا نظام بدء التشغيل عن بُعد على تنشيط التحكم في درجة الحرارة، والمقاعد المزودة بفتحات تهوية (إذا كانت السيارة مزودة بذلك) في درجات حرارة أعلى من 26.7 درجة مئوية (80 درجة فهرنهايت)، والمقاعد المسخنة الاختيارية، وعجلة القيادة المسخنة الاختيارية في درجات

حرارة أقل من 4.4 درجات مئوية (40 درجة فهرنهايت). راجع "المقاعد" في "التعرف على السيارة" للحصول على مزيد من المعلومات.

ملاحظة:

- يجب أن تكون السيارة مزودة بناقل حركة أوتوماتيكي كي تزود بنظام بدء التشغيل عن بُعد.
- قد تنقل العوائق بين السيارة وحافظة المفاتيح هذا النطاق.

تحذير!

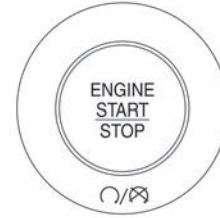
- لا تبدأ تشغيل المحرك في مرآب مغلق أو منطقة محكمة. يحتوي غاز العادم على أول أكسيد الكربون (CO) عديم اللون والرائحة. أول أكسيد الكربون سام ويمكن أن يسبب الإصابة البالغة أو الوفاة عند استنشاقه.
- حافظ على بقاء حافظات المفاتيح بعيدًا عن متناول الأطفال. تشغيل نظام بدء التشغيل عن بُعد والنوافذ وأقفال الأبواب أو أجهزة التحكم الأخرى يمكن أن تتسبب في الإصابة البالغة أو الوفاة.

كيفية استخدام بدء التشغيل عن بُعد

- اضغط على زر Remote Start (بدء التشغيل عن بُعد) بحافظة المفاتيح مرتين في غضون خمس ثوان. يعمل الضغط على زر Remote Start (بدء التشغيل عن بُعد) لمرّة ثالثة على إيقاف تشغيل المحرك.

START (البدء)

- سيتم تشغيل المحرك.



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زر START/STOP Ignition (بدء التشغيل/إيقاف التشغيل)

يمكن وضع زر التشغيل الضغطي في الأوضاع التالية:

OFF (إيقاف التشغيل)

- يتم إيقاف المحرك.
- تظل بعض الأجهزة الكهربائية (مثل القفل المركزي، الإنذار، إلخ) متاحة.

الملحقات

- لم يتم بدء تشغيل المحرك.
- تتوفر بعض الأجهزة الكهربائية.

الانطلاق

- وضع القيادة.
- جميع الأجهزة الكهربائية متاحة.

تنبيه!

السيارة غير المقفلة مطمع للصوص. أخرج حافظة المفاتيح دائماً من السيارة وأقفل جميع الأبواب عند ترك السيارة دون ملاحظة.

ملاحظة:

راجع "بدء تشغيل المحرك" في "البدء والتشغيل" للحصول على مزيد من المعلومات.

رسالة تشغيل السيارة

عند فتح باب السائق عندما يكون مفتاح التشغيل في وضع RUN (الانطلاق) (المحرك قيد الإيقاف)، ستصدر إشارة صوتية لتذكيرك بوضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل). بالإضافة إلى الإشارة الصوتية، يتم عرض الرسالة "Ignition or Accessory On" (مفتاح التشغيل أو الملحقات قيد التشغيل) في مجموعة أجهزة القياس.

ملاحظة:

ستظل مفاتيح النوافذ العاملة بالطاقة والسقف المتحرك العامل بالطاقة (إذا كانت السيارة مزودة بذلك) نشطة لمدة تصل إلى عشر دقائق بعد إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). يؤدي فتح أي من الأبواب الأمامية إلى إلغاء هذه الميزة. يعتبر وقت هذه الميزة قابلاً للبرمجة.

تحذير!

- عند الخروج من السيارة، قم دائماً بإخراج حافظة المفاتيح من السيارة وقم بقفل السيارة.
- لا تترك أبداً الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة.
- يعد ترك الأطفال في السيارة من دون مراقبة أمراً خطراً لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابة بالغة أو مميتة. وعليه فيجب 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 سيارة مزودة 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.
- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي ارتفاع درجة الحرارة بالدخول إلى حدوث إصابة بالغة أو الوفاة.



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استبدال بطارية حافظة المفاتيح

3. أخرج البطارية عن طريق قلب الغطاء الخلفي (بحيث تتجه البطارية لأسفل) واضغط عليها برفق على شيء صلب كطاولة أو ما شابه، واستبدل البطارية. عند استبدال البطارية، قم بمطابقة العلامة + على البطارية بالعلامة + على الجزء الداخلي من مشبك البطارية الموجود على الغطاء الخلفي. تجنب لمس البطارية الجديدة بأصابعك. فقد تسبب المواد التي يفرزها الجلد تلف البطارية. وإذا لمست البطارية، فتنظفها بالكحول.

4. لتجميع علبة حافظة المفاتيح، قم بتركيب كلا النصفين معًا.

برمجة حافظات مفاتيح إضافية

ويمكن تنفيذ برمجة حافظة المفاتيح بواسطة وكيل معتمد فقط.

ملاحظة:

وبمجرد برمجة حافظة مفاتيح للعمل مع إحدى السيارات، لا يمكن إعادة برمجتها للعمل مع سيارة أخرى أو إعادة استعمالها لغرض آخر.

طلب حافظات مفاتيح إضافية

ملاحظة:

يمكن فقط استخدام حافظات المفاتيح التي تمت برمجتها للعمل مع إلكترونيات السيارة لتشغيل السيارة. وبمجرد برمجة حافظة مفاتيح للعمل مع إحدى السيارات، لا يمكن برمجتها للعمل مع أية سيارة أخرى.

تحذير!

- أخرج حافظات المفاتيح دومًا من السيارة وقم بقلب جميع الأبواب عند ترك السيارة دون مراقبة.
- تذكر دائمًا وضع مفتاح التشغيل في وضع إيقاف التشغيل OFF.

ملاحظة:

- عند إجراء خدمات الصيانة لنظام منع تشغيل المحرك لمفتاح سنترى كي Sentry Key، ينبغي جلب جميع مفاتيح السيارة إلى الوكيل المعتمد.
- يجب طلب المفاتيح وفقًا للشكل الصحيح للمفتاح لكي يطابق أقفال السيارة.

مفتاح التشغيل

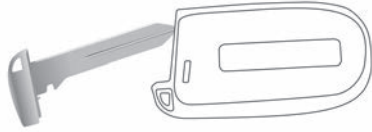
ميزة الحركة والتشغيل من دون مفتاح - التشغيل
تتيح هذه الميزة للسائق تشغيل مفتاح التشغيل بضغط زر، طالما كانت حافظة المفاتيح في مقصورة الركاب.

تضم نقطة تشغيل زر الضغط من دون مفاتيح العديد من أوضاع التشغيل التي تشتمل على تسميات وستضيء عندما تكون في الوضع الخاص بها. تلك الأوضاع هي OFF (إيقاف التشغيل)، وACC (الملحقات)، وRUN (التشغيل)، وSTART (بدء التشغيل).

ملاحظة:

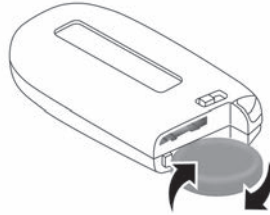
في حالة عدم تغيير مفتاح التشغيل بضغط زر، قد تكون بطارية حافظة المفاتيح منخفضة الشحن أو فارغة تمامًا. وفي هذا الموقف، يمكن استخدام طريقة بديلة لتشغيل مفتاح التشغيل. ضع الجانب النائي (الجانب المواجه لمفتاح الطوارئ) من حافظة المفاتيح في مقابل زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) واضغط لتشغيل مفتاح التشغيل.

2. افصل نصفي حافظة المفاتيح باستخدام طرف مفتاح الطوارئ، أو مفك براغي ثان بشفرة مسطحة أو عملة معدنية وافصل نصفي حافظة المفاتيح برفق. احرص على عدم حدوث أي تلف للغطاء المطاطي أثناء الإزالة.



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إخراج مفتاح الطوارئ



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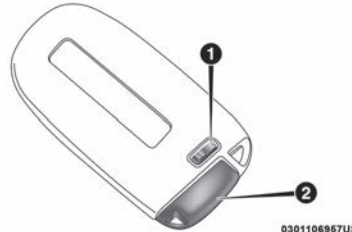
فصل العلبة باستخدام عملة معدنية

استبدال البطارية في المفتاح المزود بوحدة تحكم عن بُعد

البطارية البديلة الموصى بها لجهاز الإرسال هي من نوع CR2032.

ملاحظة:

- مادة البركلورات – التي تتطلب عناية خاصة.
 - لا تلمس أقطاب البطارية الموجودة في المبيت الخلفي، أو لوحة الدائرة الكهربائية المطبوعة.
1. أخرج مفتاح الطوارئ عن طريق تحريك المزلاج الميكانيكي الموجود بالجزء الخلفي بحافظة المفاتيح إلى الجانب بإبهامك، واسحب مفتاح الطوارئ إلى الخارج بيدك الأخرى.



0301106957US

إخراج مفتاح الطوارئ

1 - زر تحرير مفتاح الطوارئ

2 - مفتاح الطوارئ

ملاحظة:

إذا كانت السيارة مزودة بنظام الدخول غير النشط، فراجع "ميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go - نظام الدخول غير النشط" ضمن "الأبواب" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" لمزيد من المعلومات.

لقفل الأبواب وباب المؤخرة

اضغط مرة واحدة على زر lock (القفل) الموجود على حافظه المفاتيح وحرره لقفل جميع الأبواب وباب المؤخرة.

تومض مصابيح إشارة الانعطاف وتصدر آلة التنبيه إشارة صوتية واحدة لتعريف الإشارة. راجع "إعدادات نظام Uconnect" الموجودة في "الوسائط المتعددة" للتعرف على مزيد من المعلومات القابلة للبرمجة.

إذا كانت السيارة مزودة بنظام الدخول غير النشط، فراجع "ميزة الحركة والتشغيل من دون مفتاح Keyless Enter-N-Go - نظام الدخول غير النشط" ضمن "الأبواب" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" لمزيد من المعلومات.

إذا كان واحد أو أكثر من الأبواب مفتوحاً أو إذا كان باب المؤخرة مفتوحاً، فسيتم قفل الأبواب. سيتم إلغاء قفل الأبواب مرة أخرى تلقائياً إذا ترك المفتاح داخل مقصورة الركاب، وإلا سوف يستمر قفل الأبواب.

المفاتيح

حافضة المفاتيح

تستخدم سيارتك نظام تشغيل دون مفاتيح. يتكون نظام الإشعال من حافضة المفاتيح التي تشتمل على نظام فتح الأبواب عن بُعد من دون مفاتيح (RKE) ونظام التشغيل/بضغط زر START/STOP (بدء التشغيل/إيقاف التشغيل). يتكون نظام فتح الأبواب عن بُعد من دون مفاتيح من حافضة المفاتيح وميزة Keyless Enter-N-Go (الحركة و التشغيل من دون مفتاح)، إذا كانت السيارة مزودة بذلك.

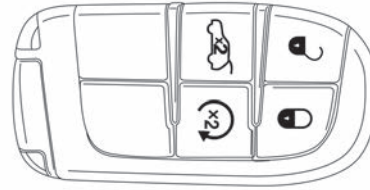
ملاحظة:

قد لا يتم العثور على حافضة المفاتيح إذا كانت موجودة بجوار هاتف محمول أو كمبيوتر محمول أو جهاز إلكتروني آخر؛ فهذه الأجهزة قد تحجب الإشارة اللاسلكية لحافضة المفاتيح.

تتيح لك حافضة المفاتيح قفل الأبواب وباب المؤخرة أو إلغاء قفلها من مسافات تصل إلى 66 قدمًا (20 مترًا) تقريبًا باستخدام حافضة مفاتيح محمولة باليد. وليست هناك حاجة إلى توجيه حافضة المفاتيح تجاه السيارة لتنشيط هذا النظام.

ملاحظة:

- أثناء وجود مفتاح التشغيل في وضع التشغيل/البدء وتحرك السيارة بسرعة 5 أميال/ساعة (8 كم/الساعة)، سيتم تعطيل كل أوامر فتح الأبواب عن بُعد من دون مفاتيح (RKE).



0301101272NA

حافضة المفاتيح



0301101274NA

حافضة المفاتيح المزودة بمفتاح الطوارئ

في حالة عدم تغير مفتاح التشغيل بضغط زر، قد تكون بطارية حافضة المفاتيح منخفضة الشحن أو فارغة تمامًا. يمكن التحقق من انخفاض مستوى بطارية حافضة المفاتيح من خلال الرجوع إلى مجموعة أجهزة القياس التي ستعرض التعليمات التي يجب اتباعها.

إلغاء قفل الأبواب وباب المؤخرة

اضغط مرة واحدة على زر unlock (إلغاء القفل) الموجود على حافضة المفاتيح وحرره لإلغاء قفل باب السائق أو مرتين في غضون خمس ثوان لإلغاء قفل جميع الأبواب وباب المؤخرة.

يمكن برمجة جميع الأبواب ليتم إلغاء قفلها بالضغط الأولي على زر unlock (إلغاء القفل). راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

ملاحظة:

في حالة إلغاء قفل السيارة بواسطة حافضة المفاتيح وعدم وجود باب مفتوح خلال 60 ثانية، ستتم إعادة قفل السيارة وسيتم تنشيط إنذار الأمان، إذا كانت السيارة مزودة بذلك.

تومض مصابيح إشارة الانعطاف مرتين لتأكيد إشارة إلغاء القفل. يتم تنشيط نظام الإضاءة عند دخول السيارة.

زر 1st Push Of Key Fob Unlock (إلغاء القفل بالضغط الأولي على حافضة المفاتيح)

تتيح لك هذه الميزة برمجة النظام لإلغاء قفل باب السائق أو جميع الأبواب عند أول ضغط على زر unlock (إلغاء القفل) على حافضة المفاتيح. لتغيير الإعداد الحالي، راجع "إعدادات نظام Uconnect" في "الوسائط المتعددة" لمزيد من المعلومات.

- السقف المتحرك **COMMAND VIEW** المزود بستارة عاملة بالطاقة - إذا كانت السيارة مزودة بذلك ٦٤..
- فتح السقف المتحرك ٦٥..
- إغلاق السقف المتحرك ٦٥..
- اهتزاز السيارة بسبب هبوب الرياح ٦٥..
- فتح المظلة العاملة بالطاقة ٦٥..
- إغلاق المظلة العاملة بالطاقة ٦٦..
- ميزة الحماية ضد الانضغاط ٦٦..
- تهوية السقف المتحرك - الوضع السريع ٦٦..
- صيانة السقف المتحرك ٦٦..
- غطاء المحرك ٦٦..
- لفتح غطاء المحرك ٦٦..
- لإغلاق غطاء المحرك ٦٧..
- باب المؤخرة ٦٧..
- الفتح ٦٧..
- الإغلاق ٦٨..
- باب المؤخرة العامل بالطاقة - إذا كانت السيارة مزودة بذلك ٦٨..
- ميزات منطقة الحمولة ٦٩..
- المعدات الداخلية ٧١..
- التخزين ٧١..
- حاملات الأكواب ٧٢..
- منافذ الطاقة الكهربائية ٧٣..
- باب حجرة حفظ النظارات الشمسية ٧٤..
- حامل أمتعة سقفي - إذا كانت السيارة مزودة بذلك ٧٤..

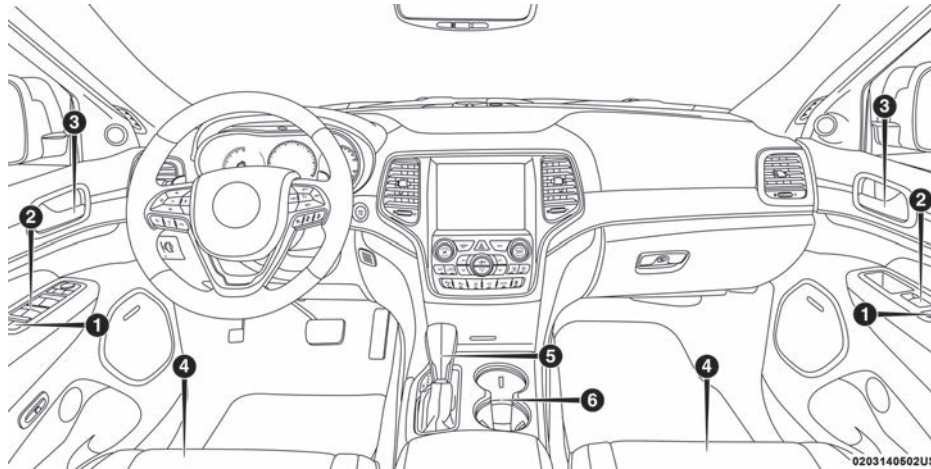
- أضواء الزينة ٤٩
- مساحات وغاسلات الزجاج الأمامي ٥٠
- تشغيل ماسحة الزجاج الأمامي ٥٠
- مساحات استشعار المطر - إذا كانت السيارة مزودة بذلك ٥١
- ماسحة/غاسلة النافذة الخلفية ٥٢
- غاسلات المصابيح الأمامية - إذا كانت السيارة مزودة بذلك ٥٢
- مفاتيح التحكم في درجة الحرارة ٥٣
- نظرة عامة على مفاتيح التحكم الأوتوماتيكي في درجة الحرارة ٥٣
- وظائف التحكم في درجات الحرارة ٥٨
- التحكم الأوتوماتيكي بدرجة الحرارة (ATC) ٥٩
- تلميحات التشغيل ٥٩
- النوافذ ٦٠
- مفاتيح التحكم في النوافذ العاملة بالطاقة ٦٠
- ميزة الإنزال الأوتوماتيكي ٦١
- ميزة الرفع الأوتوماتيكي لأعلى مع الحماية ضد الانضغاط ٦١
- إعادة ضبط ميزة الرفع الأوتوماتيكي ٦١
- مفتاح قفل النوافذ ٦٢
- اهتزاز السيارة بسبب هبوب الرياح ٦٢
- السقف المتحرك العامل بالطاقة - إذا كانت السيارة مزودة بذلك ٦٢
- فتح السقف المتحرك ٦٣
- إغلاق السقف المتحرك ٦٣
- اهتزاز السيارة بسبب هبوب الرياح ٦٣
- تشغيل الوقاية من الشمس ٦٣
- ميزة الحماية ضد الانضغاط ٦٣
- تهوية السقف المتحرك - الوضع السريع ٦٣
- صيانة السقف المتحرك ٦٣
- إجراء إعادة التهيئة ٦٤

- مرايا التعقيم الأوتوماتيكي الخارجية - إذا كانت السيارة مزودة بذلك
- المرايا العاملة بالطاقة
- المرايا الخارجية التي يتم طيها كهربياً - إذا كانت السيارة مزودة بذلك
- المرايا المسخنة - إذا كانت السيارة مزودة بذلك
- إمالة المرايا الجانبية عند الرجوع إلى الخلف (تتوفر مع المقعد المزود بذاكرة فقط) — إذا كانت السيارة مزودة بذلك
- مرايا الزينة المضيئة
- المصابيح الخارجية
- مفتاح الضوء الأمامي
- ذراع التحكم متعدد الوظائف
- أضواء النهار - إذا كانت السيارة مزودة بذلك
- مفتاح الضوء العالي/الضوء المنخفض
- الضوء العالي الأوتوماتيكي - إذا كانت السيارة مزودة بذلك
- وميض التجاوز
- الأضواء الأمامية الأوتوماتيكية - إذا كانت السيارة مزودة بذلك
- مصابيح التوقف ومصابيح لوحة أجهزة القياس
- إضاءة الأضواء الأمامية أوتوماتيكياً مع المساحات
- الأضواء الأمامية Bi-Xenon التكيفية ذات التفريغ شديد الكثافة - إذا كانت السيارة مزودة بذلك
- مهلة تأخير الأضواء الأمامية
- تذكير عند ترك المصابيح مضاءة
- أضواء الضباب الأمامية والخلفية - إذا كانت السيارة مزودة بذلك
- إشارات الانعطاف
- Lane Change Assist (مساعد تغيير الحارة) - إذا كانت السيارة مزودة بذلك
- الضبط الأوتوماتيكي لمستوى المصابيح الأمامية - المصابيح الأمامية شديدة التفريغ (HID) فقط
- موثر طاقة البطارية
- المصابيح الداخلية

- الأبواب ٢٦..
- أقفال الأبواب اليدوية ٢٦..
- أقفال الأبواب العاملة بالطاقة ٢٧..
- ميزة الحركة والتشغيل من دون مفتاح - نظام الدخول غير النشط ٢٧..
- قفل الأبواب مع وجود باب واحد أو أكثر مفتوح ٣٠..
- إلغاء القفل الأوتوماتيكي للأبواب عند الخروج ٣٠..
- إعادة القفل بصورة أوتوماتيكية - إذا كانت السيارة مزودة بذلك ٣٠..
- نظام قفل الأبواب لحماية الأطفال - الأبواب الخلفية ٣٠..
- المقاعد ٣١..
- الضبط اليدوي (المقاعد الأمامية) - إذا كانت السيارة مزودة بذلك ٣١..
- الضبط اليدوي (المقاعد الخلفية) ٣٢..
- الضبط الكهربائي (المقاعد الأمامية) — إذا كانت السيارة مزودة بذلك ٣٤..
- مقعد السائق المزود بذاكرة - إذا كانت السيارة مزودة بذلك ٣٥..
- المقاعد المسخنة - إذا كانت السيارة مزودة بذلك ٣٧..
- المقاعد الأمامية المزودة بفتحات تهوية — إذا كانت السيارة مزودة بذلك ٣٨..
- مساند الرأس ٣٩..
- مساند الرأس النشطة الإضافية - المقاعد الأمامية ٣٩..
- ضبط - المقاعد الخلفية ٤٠..
- إزالة مسند الرأس — المقاعد الخلفية ٤٠..
- عجلة القيادة ٤١..
- عمود التوجيه القابل للإمالة/الإطالة والتقصير اليدوي - إذا كانت السيارة مزودة بذلك ٤١..
- عمود التوجيه القابل للإمالة والإطالة والتقصير كهربائياً - إذا كانت السيارة مزودة بذلك ٤١..
- عجلة القيادة المسخنة - إذا كانت السيارة مزودة بذلك ٤٢..
- المرايا ٤٢..
- المرأة الداخلية للاستخدام في النهار والليل - إذا كانت السيارة مزودة بذلك ٤٢..
- مرآة التعطيم الأوتوماتيكي - إذا كانت السيارة مزودة بذلك ٤٢..
- المرايا الخارجية ٤٣..

التعرف على السيارة

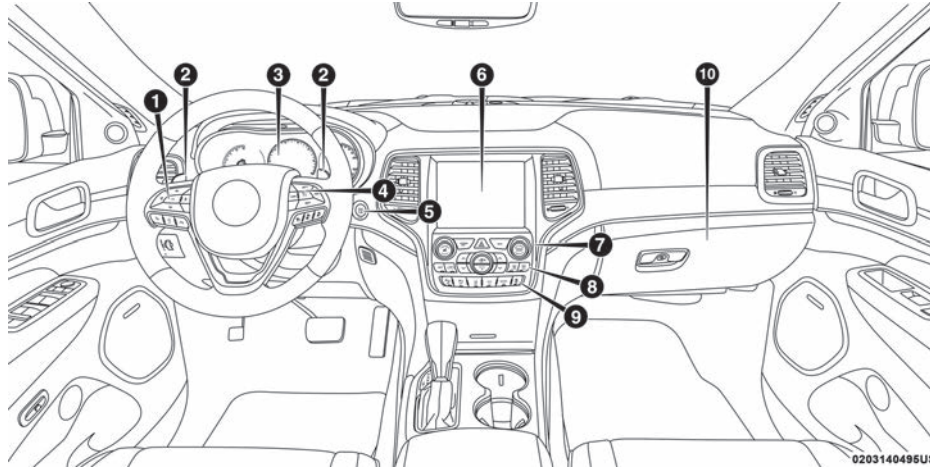
- ١٨. المفاتيح
- ١٨. حافظَة المفاتيح
- ٢٠. مفتاح التشغيل
- ٢٠. ميزة الحركة والتشغيل من دون مفتاح - التشغيل
- ٢١. رسالة تشغيل السيارة
- ٢٢. قفل عجلة القيادة الإلكتروني - إذا كانت السيارة مزودة بذلك
- ٢٢. نظام بدء التشغيل عن بُعد - إذا كانت السيارة مزودة بذلك
- ٢٢. كيفية استخدام بدء التشغيل عن بُعد
- ٢٣. رسالة إلغاء نظام بدء التشغيل عن بُعد
- ٢٣. للدخول إلى وضع بدء التشغيل عن بُعد
- ٢٤. للخروج من وضع بدء التشغيل عن بُعد من دون قيادة السيارة
- ٢٤. للخروج من وضع بدء التشغيل عن بُعد وقيادة السيارة
- ٢٤. أنظمة الراحة لبدء التشغيل عن بُعد - إذا كانت السيارة مزودة بذلك
- ٢٤. نظام سنترلي كي SENTRY KEY
- ٢٥. برمجة المفتاح
- ٢٥. استبدال المفاتيح
- ٢٥. التشغيل غير النظامي
- ٢٥. إنذار أمان السيارة - إذا كانت السيارة مزودة بذلك
- ٢٥. لتنشيط النظام
- ٢٦. لإلغاء تنشيط النظام
- ٢٦. إعادة تنشيط النظام
- ٢٦. تجاوز نظام الأمان يدويًا
- ٢٦. إنذار العبت



الميزات الداخلية

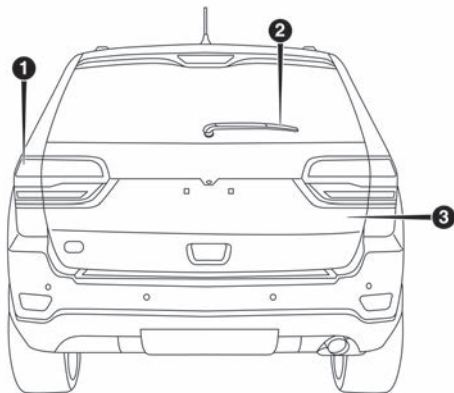
- 4 — المقاعد
- 5 — محدد التروس
- 6 — حاملات الأكواب

- 1 — أقفال الأبواب
- 2 — مفاتيح النوافذ
- 3 — مقابض الأبواب



لوحة أجهزة قياس

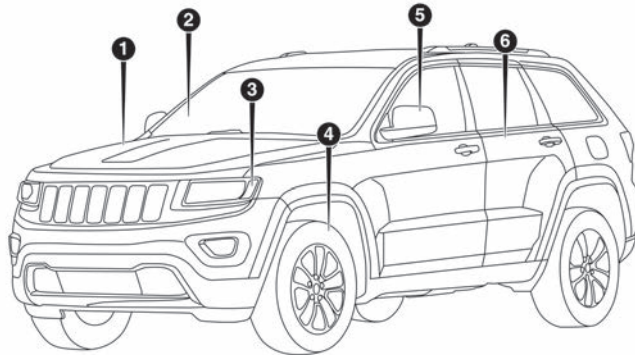
- | | |
|---|-----------------------------------|
| 1 - مفاتيح التحكم في شاشة عرض مجموعة أجهزة القياس | 6 - راديو Uconnect |
| 2 - أذرع التبديل | 7 - مفاتيح التحكم في الراديو |
| 3 - مجموعة أجهزة القياس | 8 - مفاتيح التحكم في درجة الحرارة |
| 4 - مفاتيح التحكم في السرعة | 9 - لوحة المفاتيح |
| 5 - مفتاح التشغيل | 10 - صندوق القفازات |



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منظر خلفي

- 1 — المصباح الخلفي
- 2 — ماسحة الزجاج الخلفية
- 3 — باب المؤخرة



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منظر أمامي

1 - غطاء المحرك/غرفة المحرك

2 - الزجاج الأمامي

3 - الأضواء الأمامية

4 - العجلات/الإطارات

5 - المرايا الخارجية

6 - الأبواب

الجدول البياني للمحتويات

- ٨..... منظر أمامي •
- ٩..... منظر خلفي •
- ١٠..... لوحة أجهزة قياس •
- ١١..... الأجزاء الداخلية •

الرموز

يوجد على بعض مكونات السيارة ملصقات ملونة تشير رموزها إلى الاحتياطات التي ينبغي مراعاتها عند استخدام هذا المكون. راجع "أضواء التحذير والرسائل" في "التعرف على لوحة أجهزة القياس" للحصول على مزيد من المعلومات حول الرموز المستخدمة في سيارتك.

تحذيرات وتنبيهات

يحتوي دليل المالك هذا على تحذيرات من إجراءات التشغيل التي قد تؤدي إلى حدوث تصادم أو حدوث إصابات بدينية و/أو الوفاة. كما يحتوي على تنبيهات للاحتراس من بعض الإجراءات التي قد تتسبب في تلف سيارتك. قد تفوتك معلومات هامة إذا لم تقم بقراءة دليل المالك بأكمله. ومن الضروري مراعاة جميع التحذيرات والتنبيهات.

التغييرات/التعديلات 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.



0806090

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 بإزيم حزام الأمان دائماً.

ملاحظة هامة

تستند كل محتويات هذه المطبوعة إلى آخر المعلومات المتوفرة عند الحصول على الموافقة على النشر. ويُحتفظ بحق نشر أية إضافات أو تعديلات في أي وقت.

تم إعداد دليل المالك بمساعدة متخصصين في الصيانة ومهندسين لتعريفك بكيفية تشغيل هذه السيارة وصيانتها. وملحق بهذا الدليل كتيب عن معلومات الضمان والعديد من الوثائق الموجهة للمعلماء من الضروري قراءة هذه المطبوعات بدقة. إن اتباع التعليمات والإرشادات الموجودة في دليل المالك ستساعدك على ضمان السلامة والتشغيل المريح لسيارتك.

بعد قراءتك لدليل المالك ينبغي أن تحتفظ به في السيارة كمرجع مفيد، كما ينبغي أن يلازم السيارة عند بيعها إلى شخص آخر.

وتحتفظ الجهة المُصنِّعة بحق تغيير التصميمات والمواصفات و/أو إدخال الإضافات أو التعديلات على منتجاتها دون الالتزام بتركيبها على منتجات تم تصنيعها مسبقاً.

ويتضمن دليل المالك هذا شرحاً ووصفاً 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 أية تعديلات أخرى على هذه السيارة.

نظرًا إلى تعدد قطع الغيار والملحقات المصنعة من قبل شركات مختلفة، ليس باستطاعة الجهة المُصنِّعة التأكد من عدم تأثر سلامة قيادة سيارتك إذا قمت باستخدام 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 أية مسؤولية عن ذلك. وتتحمل الجهة المُصنِّعة المسؤولية فقط عن قطع

الغيار المرخصة صراحة والمُوصى بها من قبلها والتي يتم إضافتها أو تركيبها من قبل الوكيل المعتمد. وينطبق نفس الشيء عند إجراء تعديلات بعد ذلك على الحالة الأصلية للسيارات التي تنتجها الجهة المُصنِّعة.

لا تشمل الضمانات أي قطعة لم يتم تزويدها من قبل الجهة المُصنِّعة. ولا تشمل تكلفة أي تصليحات أو تعديلات قد تُجرى أو تلزم نتيجة استخدام أو تركيب هذه القطع أو الأجزاء أو المعدات أو المواد أو المواد المضافة التي لم يتم تزويدها من قبل الجهة المُصنِّعة. ولا يشمل الضمان تكلفة إصلاح الأضرار أو الحالات الناجمة عن أي تغييرات يتم إدخالها على سيارتك ولا تتوافق مع مواصفات الجهات المصنعة.

كيفية استخدام هذا الدليل

معلومات أساسية

راجع جدول المحتويات لمعرفة الجزء الذي يحتوي على المعلومات التي ترغب في الاطلاع عليها.

وحيث إن مواصفات سيارتك تتوقف على ناصر الأجهزة المطلوبة، فقد تختلف بعض الأوصاف والأشكال التوضيحية عن أجهزة سيارتك.

ويحتوي الفهرس المفصل في الصفحات الأخيرة من دليل المالك هذا على قائمة كاملة بجميع المواضيع التي تم شرحها بالدليل.

مقدمة

عزيزنا العميل، تهانينا على اختيار سيارتك الجديدة. كن واثقاً من أنها تمثل الدقة في الصنع والتصميم المميز والجودة الفائقة.

هذه السيارة للخدمة الخاصة. 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 مزودة بذلك، للاستخدام على الطرق الممهدة فقط. وهي ليست مصممة للقيادة على الطرق غير الممهدة أو الاستخدام في الظروف الشاقة الملائمة للسيارات رباعية الدفع. قبل أن تبدأ في قيادة هذه السيارة، اقرأ دليل المالك. تأكد من معرفة جميع مفاتيح التحكم بالسيارة، وخاصة تلك التي تستخدم للفرامل وعجلة القيادة وناقل الحركة وتغيير علبه النقل. وتعلم كيف تتعامل سيارتك على أسطح الطرق المختلفة. سوف تتحسن مهارات القيادة السيارة مع الممارسة والتجربة. عند القيادة على طرق غير ممهدة، أو تشغيل السيارة، لا تقم بتحميل السيارة بصورة مفرطة ولا تتوقع أن تغلب السيارة على قوانين الطبيعة. ينبغي دوماً مراعاة القوانين الحكومية والإقليمية والمحلية حيثما كنت تقود. وقد يؤدي عدم تشغيل هذه السيارة بصورة صحيحة، كما هو الحال بالنسبة للسيارات الأخرى من نفس النوع، إلى فقدان السيطرة عليها أو حدوث تصادم. راجع "تلميحات القيادة" في "البداية والتشغيل" للحصول على مزيد من المعلومات.

تم إعداد دليل المالك هذا بمساعدة متخصصين في الصيانة والهندسة لتعريفك بكيفية تشغيل سيارتك وصيانتها. وملحق بهذا الدليل معلومات الضمان ووثائق موجهة للعملاء. في كتيب الضمان المرفق، ستجد وصفاً للخدمات التي تقدمها شركة FCA إلى عملائها، وشهادة 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. لا تتم الإشارة إلى الخيارات والمعدات المخصصة لأسواق محددة أو لإصدارات محددة صراحة في النص. وبالتالي، يجب عليك اعتبار المعلومات المرتبطة بمستوى التجهيزات والمحرك والإصدار الذي قمت بشرائه. وسيتم تعريف أي محتوى وارد في معلومات المالك بالكامل، والذي قد يكون منطبقاً على سيارتك أو غير منطبق، بكلمة "إذا كانت السيارة مزودة 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.

راجع ملحق دليل المالك لمعرفة المعلومات المرتبطة، إن كان ذلك منطبقاً.

ملاحظة:

بعد مراجعة معلومات المالك، يجب الاحتفاظ بها في السيارة للرجوع إليها بسهولة، كما ينبغي أن تظل في السيارة عند بيعها.

عندما يتعلق الأمر بالصيانة تذكر دائماً أن لدى الوكيل المعتمد خبرة واسعة بسيارتك وفنيون مدربون بالمصنع وقطع الغيار الأصلية من MOPAR®، وأنه يعنى بتلبية طلباتك.

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. ونظراً 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 تسبب في فقدان السيطرة على السيارة. يؤدي عدم تشغيل هذه السيارة بأمان إلى حدوث تصادم أو انقلاب السيارة وحوادث إصابة بالغة أو الوفاة. عليك بقيادة السيارة بحرص.



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