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2026 OWNER'S MANUAL

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This Owner's Manual illustrates and describes the operation of features and equipment that are either standard or optional on this vehicle. This manual may also include a description of features and equipment that are no longer available or were not ordered on this vehicle. Please disregard any features and equipment described in this manual that are not on this vehicle. FCA US LLC reserves the right to make changes in design and specifications, and/or make additions to or improvements to its products without imposing any obligation upon itself to install them on products previously manufactured. With respect to any vehicles sold in Canada, the name FCA US LLC shall be deemed to be deleted and the name FCA Canada Inc. used in substitution therefore.

This Owner's Manual is intended to familiarize you with the important features of your vehicle. Your most up-to-date Owner's Manual, Navigation/Uconnect manuals and Warranty Booklet can be found by visiting the website on the back cover.

WARNING: Operating, servicing and maintaining a passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to **www.P65Warnings.ca.gov/passenger-vehicle**.

DODGE

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INTRODUCTION

WELCOME

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

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

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

SYMBOLS KEY — DANGER, WARNINGS AND CAUTIONS

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

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

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.

SYMBOL KEY

Some car components have colored labels with symbols indicating precautions to be observed when using this component. It is important to follow all warnings when operating your vehicle. The following tables include information on each symbol. See Warning Lights and Messages ⇨ page 97.

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

Red Warning Lights	
	Air Bag Warning Light ⇨ page 99
BRAKE	Brake Warning Light ⇨ page 99
	Brake Temperature Warning Light ⇨ page 99
	Battery Charge Warning Light ⇨ page 100
	Low High-Voltage Charge Warning Light ⇨ page 99

Red Warning Lights	
	Charging System Fault Warning Light ⇨ page 101
	Power Battery Failure Warning Light ⇨ page 101
	High Voltage Coolant Low Warning Light ⇨ page 101
	Service Electrical System Warning Light ⇨ page 100
	Turtle Mode Warning Light ⇨ page 102
	Door Open Warning Light ⇨ page 100
	Electric Power Steering (EPS) Fault Warning Light ⇨ page 100
	Seat Belt Reminder Warning Light ⇨ page 101

Red Warning Lights	
	Hood Open Warning Light ⇨ page 101
	Hatch Open Warning Light ⇨ page 101
	Vehicle Security Warning Light ⇨ page 102

Yellow Warning Lights	
	Anti-Lock Brake System (ABS) Warning Light ⇨ page 102
	Acoustic Vehicle Alerting System (AVAS) Fault Warning Light ⇨ page 103
	Brake Temperature Warning Light ⇨ page 103
	Electric Park Brake Failure Warning Light ⇨ page 103

Yellow Warning Lights	
	Electronic Stability Control (ESC) Active Warning Light ⇨ page 103
	Electronic Stability Control (ESC) OFF Warning Light ⇨ page 103
	Low Washer Fluid Warning Light ⇨ page 103
	Service Forward Collision Warning (FCW) Light ⇨ page 105
	Forward Collision Warning (FCW) OFF Indicator Light ⇨ page 105
	Service Active Lane Management Warning Light ⇨ page 104
	Service Adaptive Cruise Control (ACC) Warning Light ⇨ page 104
	Tire Pressure Monitoring System (TPMS) Warning Light ⇨ page 104

Green Indicator Lights	
	Parking/Headlights On Indicator Light ⇨ page 105
	Plug Status Indicator Light ⇨ page 106
	Ready To Drive Indicator Light ⇨ page 106
	Turn Signal Indicator Lights ⇨ page 106

White Indicator Lights	
	Creep Off ⇨ page 106
	Regenerative Breaking Unavailable Indicator Light ⇨ page 107
	Sport Mode Indicator Light ⇨ page 107

Blue Indicator Lights	
	High Beam Indicator Light ⇨ page 107

GETTING TO KNOW YOUR VEHICLE

KEYS

Key Fob

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

NOTE:

- In vehicles equipped with Remote Start, the key fob will operate at distances up to 328 ft (100 m).
- The key fob's wireless signal may be blocked if the key fob is located next to a mobile phone, laptop, or other electronic device. This may result in poor performance.
- If your vehicle is equipped with a Wireless Charging Pad, the key fob may not be detected if it is placed within 6 inches (15 cm) of the pad ⇨ page 79.
- With the vehicle in the ON position and the vehicle moving at 2 mph (4 km/h), all RKE commands are disabled.

Key Fob

1 — LED Indicator
2 — Unlock
3 — Remote Climate Activation/Remote Start
4 — Power Hatch
5 — Emergency Key
6 — Lock
7 — Panic

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

For more information on Start button positions, see ⇨ page 69.

NOTE:

A low key fob battery condition may be indicated by a message in the instrument cluster display, or by the LED light on the key fob. If the LED key fob light no longer illuminates after a key fob button is pushed, then the key fob battery requires replacement ⇨ page 295.

To Lock/Unlock The Doors And Hatch

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

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

NOTE:

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

passenger compartment, otherwise the doors will stay locked.

All doors can be programmed to unlock on the first push of the unlock button through Uconnect Settings ⇨ page 115.

Using The Panic Feature

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

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

NOTE:

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

Key Left Vehicle Feature

If a valid key fob is no longer detected inside the vehicle while the vehicle is in the ON/RUN position, the message “Key Fob Has Left The Vehicle” will be shown in the instrument cluster display along with an interior chime. An exterior audible and visual alert will also be activated to warn the driver.

The vehicle’s horn will rapidly chirp three times along with a single flash of the vehicle’s exterior lights.

NOTE:

- The doors have to be open and then closed in order for the vehicle to detect a key fob. The Key Left Vehicle feature will activate when the first door is closed and no key fob is detected in the vehicle. If the warning has been activated, and the other doors are closed, no other warnings will be issued.
- These alerts will not be activated in situations where either the vehicle is left running with the key fob inside, or the key fob’s wireless signals are blocked.

Replacing The Battery In The Key Fob

The replacement battery model is one CR2450 battery.

NOTE:

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

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

Emergency Key Removal

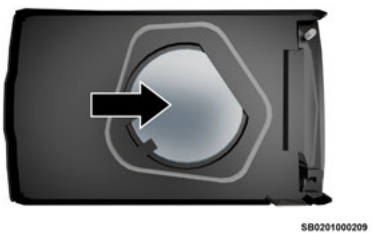
1 — Emergency Key Release Button
2 — Emergency Key

Emergency Key Removed

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

Pry Apart Key Fob Halves

3. Next, locate bottom left of the key fob and pry off the battery cover by lifting upward.

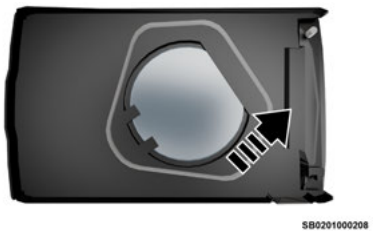


Key Fob Battery Location

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

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

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



Key Fob Battery Replacement

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

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

WARNING!

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

Programming And Requesting Additional Key Fobs

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

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

WARNING!

- Always remove the key fobs from the vehicle and lock all doors when leaving the vehicle unattended.
- For vehicles equipped with Keyless Enter 'n Go™ Propulsion System, always remember to place the Start button in the OFF position when exiting the vehicle.

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

NOTE:

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

Digital Key — If Equipped

Your vehicle may be equipped with the ability to use your iPhone® or compatible Android™ device as a Digital Key to lock/unlock and start the vehicle ⇨ page 295. To enable this feature, complete the following steps:

Owner Digital Key Pairing Procedure:

1. Ensure your vehicle has been enrolled in Dodge® Connect and you have created your Owner Account (same credentials used to access your Dodge® app).
2. Once successfully enrolled with the Dodge® App, navigate to the home screen and look for the Digital Key menu. This can be found either by swiping left through the tile carousel or by tapping the access tile on the home screen. To begin the owner key pairing process, tap ''Start Pairing'' or ''Continue to Wallet'' depending on the version of App in use. Please note that the tile will not be populated until the terms of service and privacy policy have been accepted.
3. Navigate to the Digital Key App in the Uconnect vehicle audio system.
4. Select "Add Owner Key".
5. Follow the prompts in your iPhone® or Android™ device wallet to continue the owner Digital Key pairing process
6. To pair an iPhone® as your digital key, hold the iPhone® with its NFC antenna against the NFC reader on the vehicle's wireless charging pad until the key is paired successfully.

   To pair an Android™ phone as your digital key, hold the Android™ phone with its NFC antenna against the NFC reader on the vehicle's wireless charging pad until the key is paired successfully.

   The Uconnect system will display a success pop-up once the owner key pairing is complete.

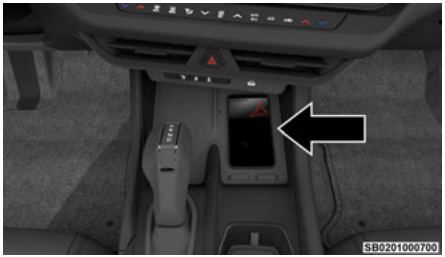
Using Your Digital Key

Tap Access

Available on compatible iPhone®'s or Android™ devices without UWB (ultra-wide band) hardware.

- To unlock the vehicle, hold the iPhone® or Android™ device against the driver door frame at the location depicted in the image.
- To start the vehicle, hold the iPhone® or Android™ device with its NFC antenna against the NFC wireless charger. Then, press the brake pedal and the Start button.

Digital Key On Drivers Side Door Frame



Digital Key On Wireless Charging Pad

Hands-free Access

Available on compatible iPhone®'s or Android™ devices with UWB (ultra-wide band) hardware.

- With a valid device within 5 ft (1.5 m) of the door handle, grab the handle to unlock the vehicle. Grabbing the driver's door handle will unlock the driver door automatically. Grabbing the passenger door handle will unlock all doors and the hatch automatically.
- To start the vehicle, press the brake pedal and the Start button together while carrying your iPhone® or Android™ device.

In the event that the vehicle does not unlock on grabbing the door handle, move the iPhone® or compatible Android™ device closer to the drivers side door frame.

NOTE:

- In order to use Digital Key, the iPhone® or Android™ device must meet certain hardware and software requirements. Please check with your iPhone® or Android™ device manufacturer for regional compatibility requirements and feature availability.
- **NFC Icon**. To use NFC functionality within the cabin for owner key pairing and vehicle start, ensure the NFC antenna of the iPhone® or Android™ device is placed against the wireless charger ⇨ page 81 with the NFC icon.
- For additional safety, it is recommended that you carry the back-up NFC card with you at all times to cover instances such as loss of phone or phone which requires its battery to be charged.
- In case your iPhone® or Android™ device powers off due to lack of charge, the Digital Key will still function for NFC tap access. This power reserve functionality is available for up to 5 hours after the device has powered off. Please note that this feature will not be available if the phone has been manually turned off by the user.
- For any service related activities, users are required to carry along and hand over physical keys to the service dealer.
- If the vehicle detects a key (digital or physical) in the cabin, the doors will not lock. Please check for presence of Digital Keys or key fobs in the cabin.
- Hands-free access for the digital key may be temporarily suspended if the digital key has been present in the vicinity of the doors for an extended period of time.

NFC Card

Vehicles equipped with the Digital Key feature will be provided with one back up NFC (Near Field Communication) card designed to fit in your wallet or purse. The NFC card is maintenance-free, as it does not require a battery, ensuring it is always ready for use. In the event your phone is lost, broken, or unavailable, the NFC card provides immediate access to your vehicle.

NFC Card Operation

To unlock the vehicle, hold the NFC card against the driver's side door frame until it unlocks.

To start the vehicle, place the NFC card on the wireless charging pad. Press the brake pedal and the Start button to start the vehicle.

NOTE:

- It is recommended to keep the NFC card with you at all times as a backup to the Digital Key.
- NFC cards are programmed at the factory and only a dealership can replace or delete an NFC card. Contact an authorized dealer if you need assistance with your NFC card.

Key Deletion

iPhone® or Android™ Device Procedure:

1. Navigate to your iPhone® or Android™ device wallet.
2. Tap the Digital Key and proceed to remove the key by using the menu option provided.

Uconnect System Procedure:

1. Within the App drawer, select "Digital Key App".
2. Select which phone you wish to remove by tapping the delete button provided.
3. The owner iPhone® or Android™ device will show a delete authorization pop-up to confirm that it

is safe to delete the key. Selecting “Approve” in the pop-up will confirm key deletion and selecting “Deny” will prevent the key from being deleted via the vehicle Uconnect system. Before approving deletion of a digital key, owners must ensure users are not left stranded without a key.

NOTE:

Owners should delete all paired digital keys from the vehicle at the end of ownership. Deleting the connected vehicle APP or the resetting the Uconnect system to factory will not delete paired digital keys. Users are required to delete keys as per the process mentioned above or by reaching out to the call center to perform a ‘Return to New’ process which will delete all associated connected vehicle information from the cloud servers and delete all owner and shared digital keys.

Key Sharing

As the owner you have the ability to share Digital Keys with iPhone® or compatible Android™ device users. To share a Digital Key complete the following steps:

Sharing A Digital Key

1. Beginning with the owner’s iPhone® or compatible Android™ device, navigate to device wallet and select the Digital Key.
2. Locate the sharing icon to select the phone contact you wish to share the Digital Key with.
3. To continue, select the type of access to be provided with the Digital Key (sharing options could include full access or unlock only).
4. It is recommended you share keys with an activation code for maximum security.

Once Digital Key options have been selected and sent to shared contact, they cannot be edited unless access is revoked and re-shared.

Receiving A Digital Key

1. Upon receiving a Digital Key invitation message from the owner, click the message link to proceed.
2. Input activation code from vehicle owner.
3. Digital Key will now be added to your wallet.

NOTE:

In certain instances, the vehicle systems may require additional time to respond to a shared digital key unlock request (e.g. a newly created key approaches the vehicle for the first time).

Replacing Your Phone

If you replace your phone after creating a Digital Key, the new phone will not function as a key to the vehicle. To create a new owner key, follow one of the two options below:

Delete The Owner Key

- Access the Digital Key menu in the radio, and select the option to delete the owner key.
- Install the Dodge App on your new phone and approve the key deletion request.
- Follow the key creation and pairing process to set up the new phone as your Digital Key.

Manage Owner Key

- Select the "Manage Owner Key" button in Digital Key menu in the radio.
- Follow the on-screen instructions to create a new owner key with your replacement phone.

NOTE:

Ensure you have the Dodge app installed on your new device before beginning the key creation process.

Sentry Key

The Sentry Key Immobilizer system prevents unauthorized vehicle operation by disabling the electric motor. 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 Start button and a Radio Frequency (RF) receiver to prevent unauthorized vehicle operation. Therefore, only key fobs that are programmed to the vehicle can be used to start and operate the vehicle. The system cannot reprogram a key fob obtained from another vehicle.

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

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

All of the key fobs provided with your new vehicle have been programmed to the vehicle electronics ⇨ page 295.

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

Auto Key Off

Auto Key Off is designed to preserve battery life by shutting off the vehicle. The time intervals for vehicle shut off is dependent on the voltage levels. A pop-up will be displayed in the Cluster indicating that the vehicle will shut off.

- 12V Battery Low. Start the Engine. Vehicle Will Shut Off Soon.
- 12V Battery Low. Plug in Vehicle. Vehicle Will Shut Off Soon

If an Auto Key Off occurred, there will be a short delay upon vehicle start. If the vehicle is on but not running and locked from the outside, the vehicle will shut off.

REMOTE START (GAS MODELS) — IF EQUIPPED

Description

This system uses the key fob to start the engine conveniently from outside the vehicle while still maintaining security.

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

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

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

How To Use Remote Start

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

To drive the vehicle, push the unlock button, and with a valid Keyless Enter 'n Go™ key fob in the vehicle, press the brake pedal and place the Start button in the ON/RUN position.

NOTE:
- With Remote Start, the engine will only run for 15 minutes.
- Remote Start can only be used twice.
- If an engine fault is present or fuel level is low, the vehicle will start and then shut down in 10 seconds.
- The parking lights will turn on and remain on during Remote Climate Control mode.
- For security, power window and power sunroof (if equipped) operations are disabled when the vehicle is in Remote Start mode.
- The Start button must be placed in the ON/RUN position before the Remote Start sequence can be repeated for a third cycle.

All of the following conditions must be met before Remote Start will engage:

- Gear selector in PARK
- Doors closed
- Hood closed
- Hatch closed
- Hazard switch off
- Brake switch inactive (brake pedal not pressed)
- Battery at an acceptable charge level

- Check engine light shall not be present
- Key fob Panic button not pushed
- System not disabled from previous Remote Start event
- Vehicle Security system indicator flashing
- Vehicle in the OFF position
- Malfunction Indicator Light (MIL) is is not illuminated

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.

To Exit Remote Start Mode

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

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

NOTE:

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

Remote Start Front Defrost Activation — If Equipped

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

Remote Start Comfort Systems — If Equipped

When Remote Start is activated, the front and rear defrost will automatically turn on in cold weather. The heated steering wheel and driver heated seat feature will turn on if selected in the Comfort menu screen within Uconnect Settings ⇨ page 115. In warm weather, the driver vented seat feature will automatically turn on when the Remote Start is activated, if programmed in the Comfort menu screen. The vehicle will adjust the climate control settings depending on the outside ambient temperature.

Automatic Temperature Control (ATC) — If Equipped

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

Manual Temperature Control (MTC)

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

For more information on ATC, MTC, and climate control settings, see ⇨ page 108.

NOTE:

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

Remote Start Windshield Wiper De-Icer Activation — If Equipped

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

Remote Start Cancel Message — If Equipped

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

- Remote Start Canceled — Door Open
- Remote Start Canceled — Hood Open
- Remote Start Canceled — Fuel Low
- Remote Start Canceled — Trunk Open
- Remote Start Disabled — Start Vehicle To Reset

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

REMOTE CLIMATE ACTIVATION (EV MODELS) — IF EQUIPPED

Description

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

NOTE:
Remote Start on EV while plugged in may not always start the electric motor.

The Remote Climate Control activates the Climate Control system and vented seats in temperatures above 80°F (26.7°C). It activates the heated seats, heated steering wheel, heated mirrors and rear defroster in temperatures below 40°F (4.4°C).

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

How To Use Remote Climate Control

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

Pushing the Remote Climate Control button a third time shuts the vehicle off.

NOTE:
- With Remote Climate Control, the vehicle will only run for 15 minutes.
- Remote Climate Control can only be used twice.
- If an electric motor fault is present or battery level is low, the vehicle will turn on and then shut down in 10 seconds.
- The parking lights will turn on and remain on during Remote Climate Control mode.
- For security, power window and power sunroof (if equipped) operations are disabled when the vehicle is in Remote Climate Control mode.
- The vehicle must be placed in the ON/RUN position before the Remote Start sequence can be repeated for a third cycle.

All of the following conditions must be met before Remote Climate will engage:

- Gear selector in PARK
- Doors closed
- Hood closed
- Hatch closed
- Hazard switch off
- Brake switch inactive (brake pedal not pressed)
- 12 Volt battery at an acceptable charge level
- Key fob Panic button not pushed
- System not disabled from previous Remote Climate event
- Vehicle Security system indicator flashing
- Vehicle in the OFF position

- Malfunction Indicator Light (MIL) is off while vehicle is in propulsion system active
- Electronic Throttle Control (ETC) Warning Light is not illuminated
- Electric Vehicle Service Light is not illuminated

WARNING!
Keep key fobs away from children. Operation of the Remote Start system, windows, door locks or other controls could cause serious injury or death.

To Exit Remote Climate Mode

Push and release the Remote Climate button one time or allow the Remote Climate cycle to complete the entire 15 minute cycle.

In addition, the ON/RUN Start button can be cycled to the RUN (Pre-Propulsion System Active) position by pressing the Start button with the key fob in the vehicle, and then pushing the Start button one more time to place the vehicle in the OFF position.

NOTE:
To avoid unintentional shutdowns, the system will temporarily disable for two seconds after receiving a valid Remote Start request.

Remote Start Windshield Wiper De-Icer Activation — If Equipped

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

VEHICLE SECURITY SYSTEM — IF EQUIPPED

Description

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

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

To Arm The System

Follow these steps to arm the Vehicle Security system:

1. Make sure the vehicle is placed in the OFF position.
2. Perform one of the following methods to lock the vehicle:
   - Push lock on the interior power door lock switch with the driver and/or passenger door open.
   - Push the lock button on the exterior Passive Entry door handle with a valid key fob available in the same exterior zone ⇨ page 25.
   - Push the lock button on the key fob.
3. If any doors are open, close them.

To Disarm The System

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

- Push the unlock button on the key fob.
- Grab the Passive Entry door handle to unlock the door ⇨ page 25.
- Place the vehicle out of the OFF position to disarm the system.

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

The Vehicle Security system is designed to protect your vehicle. However, you can create conditions where the system will give you a false alarm. If one of the

previously described arming sequences has occurred, the Vehicle Security system will arm, regardless of whether you are in the vehicle or not. If you remain in the vehicle and open a door, the alarm will sound. If this occurs, disarm the Vehicle Security system.

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

Rearming Of The System

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

Security System Manual Override

The Vehicle Security system will not arm if you lock the doors using the manual door lock.

Tamper Alert

If something has triggered the Vehicle Security system in your absence, the horn will sound three times and the exterior lights will blink three times when you disarm the Vehicle Security system.

Deluxe Vehicle Security System — If Equipped

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

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

To Arm The System

Follow these steps to arm the security system:

1. If any doors or windows are open, close them.
2. Make sure the vehicle is in the OFF position.
3. Perform one of the following methods to lock the vehicle:
   - Push lock on the interior power door lock switch with the driver and/or passenger door open.
   - Touch the lock button on the exterior Passive Entry door handle with a key fob available in the same exterior zone ⇨ page 25.
   - Push the lock button on the key fob.

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

To Disarm The System

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

- Push the unlock button on the key fob.
- Grab the Passive Entry door handle to unlock the door ⇨ page 25.
- Turn the vehicle out of the OFF position by pushing the ON/RUN Start button (requires at least one valid key fob in the vehicle).

NOTE:
- The driver's door key latch cylinder and the hatch button on the key fob cannot arm or disarm the Vehicle Security system.

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

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

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

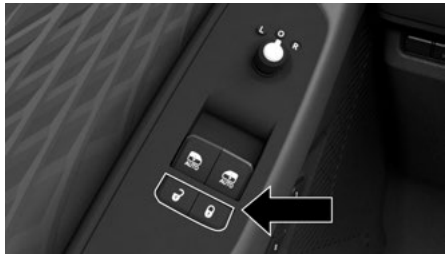
Security System Manual Override

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

DOORS

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 Switches (2 Door Model Shown)

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

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

If the door lock switch is pushed while the vehicle is in the ON/RUN position 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 pressing the unlock button.

Interior Door Opening

The doors can be opened by pressing the button located on the door panel. If all doors are locked, pressing the button will unlock the other doors and hatch. This ability can be activated or deactivated via Uconnect Settings ⇨ page 115.

Power Door Button Opening

The doors can also be locked and unlocked with the Keyless Enter 'n Go - Passive Entry system.

Manual Door Opening

If the electronic door button does not work, for example if the 12V battery of the car is low, the doors can still be opened from the inside by pulling the manual door handle located on each front door.

NOTE:
If after using the manual door handle, the door does not close, you must rotate the manual latching backup lever.

Manual Door Handle

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) without having to push the key fob lock or unlock buttons.

NOTE:
- Passive Entry may be programmed on/off through Uconnect Settings ⇨ page 115.
- 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 is set between 0, 30, 60 or 90 seconds. Passive Entry Unlock also initiates two flashes of the turn signal lights.
- If wearing gloves, if it has been raining/snowing, or there is salt/dirt covering the Passive Entry door handle, the unlock sensitivity can be affected, resulting in a slower response time.
- The doors may unlock when water is sprayed on the Passive Entry door handles, if the key fob is located outside of the vehicle within 5 ft (1.5 m) of the handle.
- If the vehicle is unlocked by Passive Entry and no door is opened within 60 seconds, the vehicle will relock and (if equipped) will arm the Vehicle Security system.

To Unlock From The Driver Or Passenger Side

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

Grab The Door Handle To Unlock

NOTE:
- Either the driver door only or all doors will unlock when you grab hold of the front driver's door handle, depending on the selected setting in the Uconnect system ⇨ page 115.
- All doors will unlock when the front passenger door handle is grabbed regardless of the driver's door unlock preference setting.

Frequency Operated Button Integrated Key (FOBIK-Safe)

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

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

NOTE:

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

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

To Lock The Vehicle's Doors And Hatch

With one of the vehicle's Passive Entry key fobs within 5 ft (1.5 m) of either front door handle, pushing the Passive Entry lock button will lock the vehicle.

Push The Door Handle Button To Lock

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 unlocking.
- If Passive Entry is disabled using the Uconnect Settings, the key fob protection described in "Frequency Operated Button Integrated Key (FOBIK-Safe)" remains active/functional.
- The Passive Entry system will not operate if the key fob battery is depleted.

To Unlock/Enter The Hatch

With a valid Passive Entry key fob within 5 ft (1.5 m) of the deck lid, push the button located on the right side of the deck lid.

Hatch Passive Entry Button

NOTE:

If you inadvertently leave your vehicle's Passive Entry key fob in the hatch and try to close the deck lid, the deck lid will automatically unlatch, unless another one of the vehicle's Passive Entry key fobs is outside the vehicle and within 5 ft (1.5 m) of the deck lid ⇨ page 295.

Automatic Unlock Doors On Exit

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

1. The Automatic Unlock Doors On Exit feature is enabled within Uconnect Settings ⇨ page 115.
2. All doors are closed.
3. The gear selector was not in PARK, then is placed in PARK.
4. The driver door is opened.
5. The doors were not previously unlocked.

Automatic Door Locks — If Equipped

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

Child-Protection Door Lock System — If Equipped

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, press the Window Lockout switch on the driver's side door panel (the indicator light on the button will turn on). When the system is engaged, the rear doors can only be opened by using the outside door handle.

Child-Protection Door Lock
and Window Lockout Switch

When the vehicle is turned off the Child-Protection Door Lock will remain active. When the vehicle is powered back on, it will retain the last set setting.

NOTE:

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

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

NOTE:

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

Manual Door Latching/Unlatching

Your vehicle is equipped with frameless glass doors. The frameless glass door system is equipped with a smart drop feature that ensures the glass lowers slightly when the door is opened. This function prevents the glass edge from making contact with the metal retainer that attaches the door seal to the vehicle. This feature relies on the vehicle having power.

In the event of a power failure please see the following sections for steps and precautions on manual door operation.

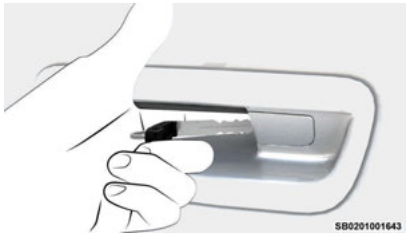
If the windows are in the full up position:

When the vehicle has lost power, the smart drop feature will not function properly, and opening or closing the doors can result in damage to the glass or the door seals.

CAUTION!
If your vehicle loses power, avoid operating the doors until power is restored or damage to the glass or seal could result.

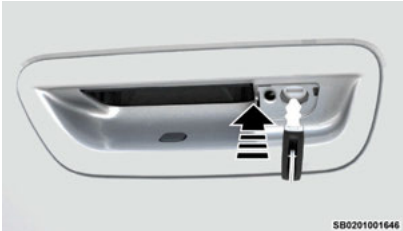
If the windows are in the full-down or partially-down position:

1. To manually unlatch the driver door, first remove the cover plate over the latch release cylinder on the door handle. Use the emergency key from the key fob to pry off the cover, as shown in the following example:



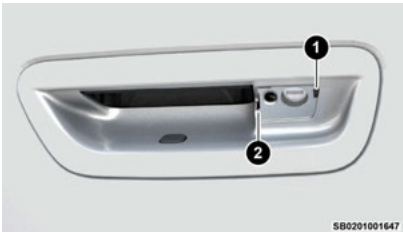
Door Latch Release Cover

2. Insert the emergency key from the key fob into the latch release and turn it toward the rear of the vehicle. This will unlatch the door, allowing you to access the vehicle.



Latch Release

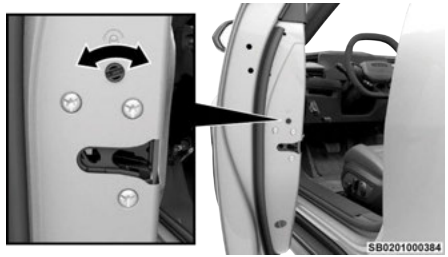
3. Replace the latch release cover by first inserting the tab on the right (1), then gently pushing in the tab on the left (2) until it clicks into place.



Replacing The Cover

Latching The Door

All doors can be manually latched by turning the latch cylinder in the inside door frame. Using the emergency key from the key fob, turn the latch and then shut the door.



Door Close Manual Latch

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 power button is in the OFF position, remove the key fob from the vehicle and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the Keyless Enter ‘n Go™ Propulsion System in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.

WINDOWS

Power Window Controls

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

Power Window Switches

1 — Front Power Windows
2 — Rear Power Windows (If Equipped)

The passenger door windows can also be operated by using the single window controls on the passenger door trim panel. The window controls will operate only when the Start button is in the ON/RUN position.

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

NOTE:

The power window switches will remain active for up to 10 minutes after the vehicle is placed in the OFF position. Opening either front door will cancel this feature. The timing is programmable within Uconnect Settings ⇨ page 115.

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

Automatic Window Features

Auto-Down Feature

The driver and front passenger door power window switches have an Auto-Down feature. Push the window switch down to the second detent, release, and the window will go down automatically.

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

Auto-Up Feature With Anti-Pinch Protection

Pull the window switch up to the second detent 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.

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

NOTE:

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

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

Reset Auto-Up

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

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. For four door models and wind 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.

Window Lockout Switch — If Equipped

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

Power Window Lockout Switch

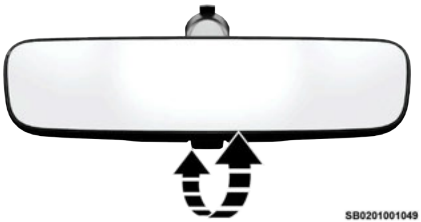
MIRRORS

Inside Rearview Mirror

Manual Mirror — If Equipped

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

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).



Adjusting Rearview Mirror

Automatic Dimming Mirror — If Equipped

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

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

Automatic Dimming Mirror

NOTE:

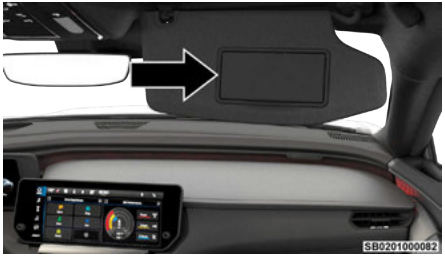
The Automatic Dimming Mirror feature is disabled when the vehicle is in REVERSE to improve the driver's rear view.

The Automatic Dimming feature can be turned on or off through the Uconnect system ⇨ page 115.

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.

Illuminated Vanity Mirrors

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

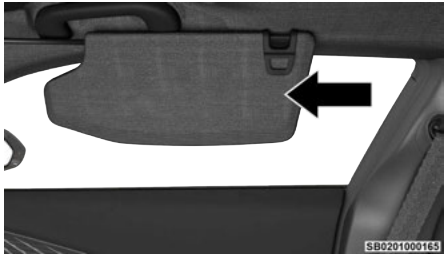


Illuminated Vanity Mirror

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 corner clip.
3. Pivot the sun visor toward the side window.



Slide-On-Rod Feature

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

Outside Mirrors

The outside mirror(s) can be adjusted to the center of the adjacent lane of traffic to achieve the optimal view.

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 Logo Light — If Equipped

Driver and passenger outside mirrors equipped with logo lighting contain one LED, which is located on the underside of the mirror head. The logo light supplies illuminated entry lighting, which turns on in both mirrors when you use the remote keyless entry key fob or open any door. This LED shines on to the ground projecting an illuminated Dodge logo.

Power Mirrors

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

The power mirror controls can be adjusted by a direction control knob. To adjust a mirror, rotate the mirror direction control knob for the mirror that you want to adjust. Rotate the knob counterclockwiseto "L" for the left mirror or clockwise to "R" for the right mirror.

NOTE:
Once mirrors are adjusted to the the drivers preferred angle, rotate the direction control knob to the neutral position in order to prevent inadvertent adjustment of the mirrors while driving.

Power Mirror Control

1 — Left Mirror Selection
2 — Neutral Position
3 — Right Mirror Selection
4 — Mirror Direction Control

Power mirror preselected positions can be controlled by the optional Driver Memory Settings feature ⇨ page 32.

Heated Mirrors — If Equipped

These mirrors are heated to melt frost or ice. This feature will be activated whenever you turn on the rear window defroster (if equipped) ⇨ page 109.

USER MEMORY SETTINGS — IF EQUIPPED

Description

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

- Driver seat
- Easy Entry/Exit seat (if equipped)
- Side mirrors (if equipped)
- Power tilt/telescoping steering column (if equipped)
- A set of desired radio station presets

NOTE:
- Your vehicle is equipped with two key fobs, each can be linked to either memory position 1 or 2.
- Be sure to program the radio presets prior to programming the memory settings.

The memory settings 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 saved memory profiles.

Memory Setting Switch

Programming The Memory Feature

To create a new memory profile, perform the following:

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

1. Place the vehicle in the ON/RUN position.
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, and then push the desired memory button (1 or 2) within five seconds. 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.

Linking And Unlinking The Key Fob To Memory

Your key fobs can be programmed to recall one of two saved memory profiles.

NOTE:
Before programming your key fobs you must select the "Memory Linked To Fob" feature through the Uconnect system ⇨ page 115.

To program your key fobs, perform the following:

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

NOTE:
Your key fob can be unlinked from your memory settings by pushing the set (S) button, followed by pushing the unlock button on the key fob within 10 seconds.

Memory Position Recall

NOTE:
If a recall is attempted when the vehicle is not in PARK, a message will be displayed in the instrument cluster display.

To recall the memory settings for driver one or two, push the desired memory button number (1 or 2) or the unlock button on the key fob linked to the desired memory position.

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

NOTE:
If the vehicle is equipped with Passive Entry, the memory settings are recalled when using Passive Entry to unlock the driver's door with a linked key fob.

HEAD RESTRAINTS

Safety Information

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.

NOTE:
Do not reverse the head restraints (making the rear of the head restraint face forward) in an attempt to gain additional clearance to the back of your head.

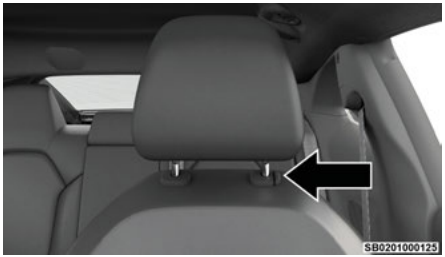
Front Head Restraints

Your vehicle is equipped with either front two-way driver and passenger head restraints or fixed front head restraints.

Two-Way Head Restraints — If Equipped

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.

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.



Head Restraint Adjustment Button

Fixed Front Head Restraints — If Equipped

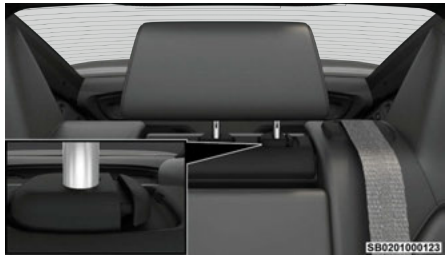
The non-adjustable head restraints consist of a trimmed foam covering over the upper structure of the seatbacks and are intended to help protect you and the passenger from neck injury.

Adjust the seatbacks to their upright, on-road positions so that the head restraint is positioned as close as possible to the back of your head.

Rear Head Restraints

The center head restraint has two adjustable positions: up or down. When the center seat is being occupied, the head restraint should be in the raised position. When there are no occupants in the center seat, the head restraint can be lowered for maximum visibility for the driver.

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

NOTE:

- The head restraint should only be removed by qualified technicians, for service purposes only. If the center rear head restraint requires removal, see an authorized dealer.
- The outboard head restraints are not adjustable.

WARNING!

ALL the head restraints MUST be reinstalled in the vehicle to properly protect the occupants. Follow the reinstallation instructions prior to operating the vehicle or occupying a seat.

FRONT SEATS

Safety Information

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

WARNING!

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

Manual Adjustment (Front Seats) — If Equipped

WARNING!

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

Manual Seat Adjusting 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.

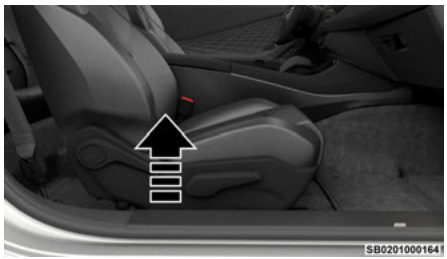
(Continued)

WARNING!

- 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 Seat 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.



Manual Recline Lever

WARNING!

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

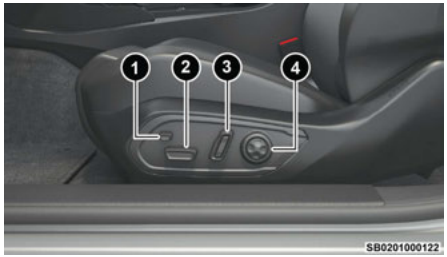
Manual Height Adjustment — If Equipped

The front driver seat height can be raised or lowered by using a lever, located on the outboard side of the seat. Pull the lever upwards multiple times to raise the seat height or push downward on the lever multiple times to lower the seat height.

Manual Recline Lever

Power Adjustment (Front Seats) — If Equipped

Some models may be equipped with eight-way or twelve-way power driver and front passenger seats. The power seat switches are located on the outboard side of the seat. There are four switches that control the movement of the seat cushion and the seatback.



Power Seat Switches

1 — Cushion Length Adjuster
2 — Cushion Seat Switch
3 — Seatback and Bolster Adjustment Switch
4 — Power Lumbar Switch

Adjusting The Seat Forward Or Rearward

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

Adjusting The Seat Up Or Down

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

Tilting The Seat Up Or Down

The angle of the seat cushion can be adjusted in two directions. Pull upward or push downward on the front of the cushion 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 by using the power seat switch. 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.

Seatback Bolster Adjustment — If Equipped

The front driver and passenger seatback bolsters can be extended outward, or retracted inward by pushing the bolster adjustment button located in the center of the seatback switch.

Push the top of the button to extend the bolsters, or push the bottom of the button to retract the bolsters.

Seatback Bolster Adjustment Button

1 — Extend Seatback Bolsters
2 — Retract Seatback Bolsters

Cushion Extender

The cushion can be extended forward a few inches (centimeters) to increase thigh support. Push the cushion extender switch forward or rearward to extend or retract the cushion. Release the switch when the desired position has been reached.

Power Lumbar — If Equipped

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 or rearward to increase or decrease the lumbar support.

Easy Entry/Exit Seat — If Equipped

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

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

- When you place the vehicle's start button in 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 place the vehicle's start button in the ACC or RUN position.

When enabled in Uconnect Settings, Easy Entry and Easy Exit positions are stored in each memory setting profile ⇨ page 32.

NOTE:
The Easy Entry/Exit feature is enabled or disabled through the programmable features in the Uconnect system ⇨ page 115.

Front Heated Seats

The front heated seat controls are located within the Uconnect system or on the instrument panel. Press the button to switch between heat settings and to turn the feature off.

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

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

The ventilated seat controls are located within the Uconnect system and on the instrument panel. Press the button to switch between ventilation settings and to turn the feature off.

NOTE:
The vehicle must be running for the ventilated seats to operate.

REAR SEATS

Rear Seat Easy Entry (2-Door Models) — If Equipped

Some models may be equipped with an Easy Entry feature on the fronts seats, allowing for improved access to the rear seats. The Easy Entry function is available with both power and manual seats for forward and rearward adjustment.

Power Seat Operation

To operate the Rear Seat Easy Entry feature for power seats:

1. Pull up on the EZE strap located on the back of the seat just below the headrest.

Power Seat EZE Strap

2. Rotate the seatback forward.

Rotate Power Seat Forward Manually

3. Once the seatback begins to tilt forward, the seat tracks automatically move forward for rear seat access.

NOTE:
If the seat detects an obstacle, the seat track will move back to its previous position. The seatback will remain rotated forward.

Forward Power Engaged

To return the power seat to original position:

- Rotate the seatback rearward until it re-locks. The seat tracks will automatically move back to its previous position.

Manual Seat Operation

To operate the Easy Entry feature for manual seats:

1. Pull up on the EZE strap located on the back of the seat just below the headrest.

Manual Seat EZE Strap

2. Rotate the seatback forward, the seat tracks will unlock.

Rotate Seatback Forward

3. Slide the seat forward to provide more access to the rear seat.

Slide Seat Forward

To return the manual seat to original position:

- Lift up on the seatback and push rearward. Continue pushing until seat track is locked into place.
- The seatback can be locked at any angle within its range. Once the seatback is rotated back, it will return to its previous recline position and lock securely.

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.

Folding Rear Seat

The 60/40 split-folding rear seatbacks can be folded forward to provide an additional storage area. When the seats are folded down, they provide a continuous, nearly-flat extension of the hatch load floor.

To fold the rear seatback, pull on the lever located on the upper seatback.

Rear Seatback Lever

After releasing the seatback, it can be folded forward.

Folded Rear Seatback

NOTE:

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

When the seatback is unfolded into the upright position, make sure it is latched by strongly pulling on the top of the seatback above the seat strap.

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

(Continued)

WARNING!

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.

- To help protect against personal injury, passengers should not be seated in the rear cargo area. The rear cargo space is intended for load carrying purposes only, not for passengers, who should sit in seats and use seat belts.

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

- 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 collision.

Rear Heated Seats - If Equipped

The rear heated seat controls are located on the rear of the center console. Press the button to switch between heat settings and to turn the feature off.

If a high level setting is selected, the system will automatically switch to a lower level after approximately 60 minutes of continuous operation. The lower level setting will turn off automatically after approximately 45 minutes.

NOTE:

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

WARNING!

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

OCCUPANT RESTRAINT SYSTEMS

Some of the most important safety features in your vehicle are the restraint systems:

Occupant Restraint Systems Features

- Seat Belt Systems
- Supplemental Restraint Systems (SRS) Air Bags
- Child Restraints

Some of the safety features described in this section may be standard equipment on some models, or may be optional equipment on others. If you are not sure, ask an authorized dealer.

Important Safety Precautions

Please pay close attention to the information in this section. It tells you how to use your restraint system properly, to keep you and your passengers as safe as possible.

Here are some simple steps you can take to minimize the risk of harm from a deploying air bag:

1. Children 12 years old and under should always ride buckled up in the rear seat of a vehicle with a rear seat.
2. A child who is not big enough to wear the vehicle seat belt properly must be secured in the appropriate child restraint or belt-positioning booster seat in a rear seating position ⇨ page 58.
3. If a child from 2 to 12 years old (not in a rear-facing child restraint) must ride in the front passenger seat, move the seat as far back as possible and use the proper child restraint ⇨ page 58.
4. Never allow children to slide the shoulder belt behind them or under their arm.
5. You should read the instructions provided with your child restraint to make sure that you are using it properly.
6. All occupants should always wear their lap and shoulder belts properly.
7. The driver and front passenger seats should be moved back as far as practical to allow the front air bags room to inflate.
8. Do not lean against the door or window. If your vehicle has side air bags, and deployment occurs, the side air bags will inflate forcefully into the space between occupants and the door and occupants could be injured.
9. If the air bag system in this vehicle needs to be modified to accommodate a disabled person, see your Owner Handbook for customer service contact information.

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.

(Continued)

WARNING!

- 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.

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 Start button is in the START or ON/RUN position.

Initial Indication

If the driver is unbuckled when the Start button 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 Start button is first in the START or ON/RUN position the Seat Belt Reminder Light will turn on and remain on until both outboard front seat belts are buckled. The outboard front passenger seat BeltAlert is not active when an outboard front passenger seat is unoccupied.

BeltAlert Warning Sequence

The BeltAlert warning sequence is activated when the vehicle is moving above a specified vehicle speed range and the driver or outboard front seat passenger is unbuckled (if equipped with outboard front passenger seat BeltAlert) (the outboard front passenger seat BeltAlert is not active when the outboard front passenger seat is unoccupied). The BeltAlert warning sequence starts by blinking the Seat Belt Reminder Light and sounding an intermittent chime. Once the BeltAlert warning sequence has completed, the Seat Belt Reminder Light will remain on until the seat belts are buckled. The BeltAlert warning sequence may repeat based on vehicle speed until the driver and occupied outboard front seat passenger seat belts are buckled. The driver should instruct all occupants to buckle their seat belts.

Change Of Status

If the driver or outboard front seat passenger (if equipped with outboard front passenger seat BeltAlert) unbuckles their seat belt while the vehicle is traveling, the BeltAlert warning sequence will begin until the seat belts are buckled again.

The outboard front passenger seat BeltAlert is not active when the outboard front passenger seat is unoccupied. BeltAlert may be triggered when an animal or other items are placed on the outboard front passenger seat or when the seat is folded flat (if equipped). It is recommended that pets be restrained in the rear seat (if equipped) in pet harnesses or pet carriers that are secured by seat belts, and cargo is properly stowed.

BeltAlert can be activated or deactivated by an authorized dealer. FCA US LLC does not recommend deactivating BeltAlert.

NOTE:

If BeltAlert has been deactivated and the driver or outboard front seat passenger (if equipped with outboard front passenger seat BeltAlert) is unbuckled the Seat Belt Reminder Light will turn on and remain on until the driver and outboard front seat passenger seat belts are buckled.

Lap/Shoulder Belts

All seating positions in your vehicle are equipped with lap/shoulder belts.

The seat belt webbing retractor will lock only during very sudden stops or collisions. This feature allows the shoulder part of the seat belt to move freely with you under normal conditions. However, in a collision the seat belt will lock and reduce your risk of striking the inside of the vehicle or being thrown out of the vehicle.

WARNING!

- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, the air bags won't deploy at all. Always wear your seat belt even though you have air bags.
- In a collision, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle. Always be sure you and others in your vehicle are buckled up properly.
- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly. Occupants, including the driver, should always wear their seat belts whether or not an air bag is also provided at their seating 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!

- Two people should never be belted into a single seat belt. People belted together can crash into one another in a collision, hurting one another badly. Never use a lap/shoulder belt or a lap belt for more than one person, no matter what their size.

WARNING!

- A lap belt worn too high can increase the risk of injury in a collision. The seat belt forces won't be at the strong hip and pelvic bones, but across your abdomen. Always wear the lap part of your seat belt as low as possible and keep it snug.
- A twisted seat belt may not protect you properly. In a collision, it could even cut into you. Be sure the seat belt is flat against your body, without twists. If you can't straighten a seat belt in your vehicle, take it to an authorized dealer immediately and have it fixed.
- A seat belt that is buckled into the wrong buckle will not protect you properly. The lap portion could ride too high on your body, possibly causing internal injuries. Always buckle your seat belt into the buckle nearest you.
- 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

(Continued)

WARNING!

surfaces of the vehicle in a collision, increasing head and neck injury. A seat belt worn under the arm can cause internal injuries. Ribs aren't as strong as shoulder bones. Wear the seat belt over your shoulder so that your strongest bones will take the force in a collision.

- A shoulder belt placed behind you will not protect you from injury during a collision. You are more likely to hit your head in a collision if you do not wear your shoulder belt. The lap and shoulder belt are meant to be used together.
- A frayed or torn seat belt could rip apart in a collision and leave you with no protection. Inspect the seat belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the seat belt system. If your vehicle is involved in a collision, or if you have questions regarding seat belt or retractor conditions, take your vehicle to an authorized FCA US LLC dealer or authorized FCA Certified Collision Care Program facility for inspection.

Lap/Shoulder Belt Operating Instructions

1. Enter the vehicle and close the door. Sit back and adjust the seat.

2. The seat belt latch plate is above the back of the front seat, and next to your arm in the rear seat (for vehicles equipped with a rear seat). Grab the latch plate and pull out the seat belt. Slide the latch plate up the webbing as far as necessary to allow the seat belt to go around your lap.

Pulling Out The Latch Plate

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

Inserting Latch Plate Into Buckle

4. Position the lap belt so that it is snug and lies low across your hips, below your abdomen. To remove slack in the lap belt portion, pull up on the shoulder belt. To loosen the lap belt if it is too tight, tilt the latch plate and pull on the lap belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision.

Positioning The Lap Belt

5. Position the shoulder belt across the shoulder and chest with minimal, if any slack so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the shoulder belt.
6. To release the seat belt, push the red button on the buckle. The seat belt will automatically retract to its stowed position. If necessary, slide the latch plate down the webbing to allow the seat belt to retract fully.

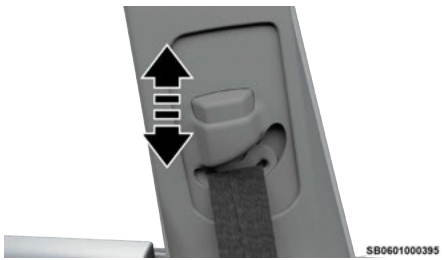
Lap/Shoulder Belt Untwisting Procedure

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

1. Position the latch plate as close as possible to the anchor point.
2. At about 6 to 12 inches (15 to 30 cm) above the latch plate, grab and twist the seat belt webbing 180 degrees to create a fold that begins immediately above the latch plate.
3. Slide the latch plate upward over the folded webbing. The folded webbing must enter the slot at the top of the latch plate.
4. Continue to slide the latch plate up until it clears the folded webbing and the seat belt is no longer twisted.

Adjustable Upper Shoulder Belt Anchorage — If Equipped

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.

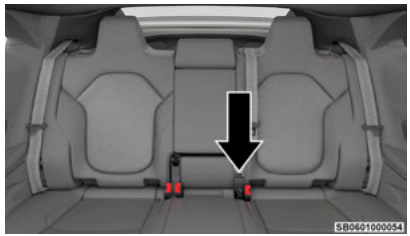
WARNING!

- 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.
- 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.

Second Row Center Seat Belt Operating Instructions

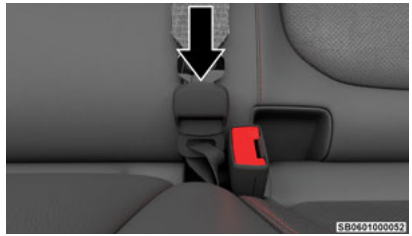
The second row center seat belt may feature a seat belt with a mini-latch plate and buckle. The mini-latch plate and buckle (if equipped) should remain connected at all times. If the mini-latch plate and buckle become disconnected, they must be properly reconnected prior to the rear center seat belt being used by an occupant.

1. Grab the mini-latch plate and pull the seat belt over the seat.



Pulling Out The Latch Plate

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



Inserting Mini-Latch Plate Into Mini-Buckle

3. Sit back in seat. Slide the regular latch plate up the webbing as far as necessary to allow the seat belt to go around your lap.
4. 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

5. Position the lap belt so that it is snug and lies low across your hips, below your abdomen. To remove slack in the lap belt portion, pull up on the shoulder belt. To loosen the lap belt if it is too tight, pull on the lap belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision.

Latch Plate Buckle Inserted

6. Position the shoulder belt on your chest so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the seat belt.
7. To release the seat belt, push the red button on the buckle.
8. To disengage the mini-latch plate from the mini-buckle, insert a tool into the pinhole on the mini-buckle.

WARNING!

- If the mini-latch plate and mini-buckle are not properly connected when the seat belt is used by an occupant, the seat belt will not be able to

(Continued)

WARNING!

provide proper restraint and will increase the risk of injury in a collision.

- When reattaching the mini-latch plate and mini-buckle, ensure the seat belt webbing is not twisted. If the webbing is twisted, follow the preceding procedure to detach the mini-latch plate and mini-buckle, untwist the webbing, and reattach the mini-latch plate and mini-buckle.

Seat Belt Extender

If a seat belt is not long enough to fit properly, even when the webbing is fully extended and the adjustable upper shoulder belt anchorage (if equipped) is in its lowest position, an authorized dealer can provide you with a Seat Belt Extender. The Seat Belt Extender should be used only if the existing seat belt is not long enough. When the Seat Belt Extender is not required for a different occupant, it must be removed.

WARNING!

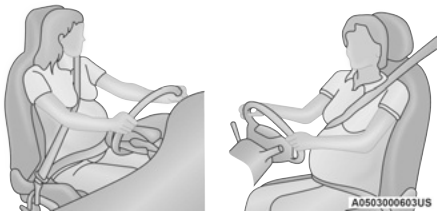
- ONLY use a Seat Belt Extender if it is physically required in order to properly fit the original seat belt system. DO NOT USE the Seat Belt Extender if, when worn, the distance between the front edge of the Seat Belt Extender buckle and the center of the occupant's body is LESS than 6 inches.
- Using a Seat Belt Extender when not needed can increase the risk of serious injury or death in a collision. Only use the Seat Belt Extender when the lap belt is not long enough and only use in

(Continued)

WARNING!

the recommended seating positions. Remove and store the Seat Belt Extender when not needed.

Seat Belts And Pregnant Women



Seat Belts And Pregnant Women

Seat belts must be worn by all occupants including pregnant women: the risk of injury in the event of an accident is reduced for the mother and the unborn child if they are wearing a seat belt.

Position the lap belt snug and low below the abdomen and across the strong bones of the hips. Place the shoulder belt across the chest and away from the neck. Never place the shoulder belt behind the back or under the arm.

Seat Belt Pretensioner

The front and second row outboard seat belt systems are 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.

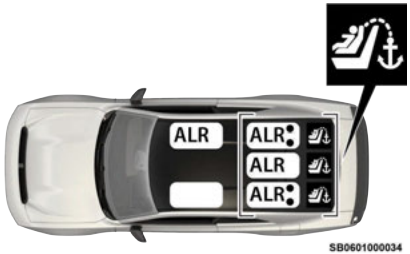
Energy Management Feature

The front and second row outboard seat belt systems are 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)

The seat belts in the passenger seating positions are equipped with a Switchable Automatic Locking Retractor (ALR) which is used to secure a child restraint system ⇨ page 65.

The figure below illustrates the locking feature for each seating position.



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 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.

How To Engage The Automatic Locking Mode

1. Buckle the combination lap and shoulder belt.
2. Grab the shoulder portion and pull downward until the entire seat belt is extracted.
3. Allow the seat belt to retract. As the seat belt retracts, you will hear a clicking sound. This indicates the seat belt is now in the Automatic Locking Mode.

How To Disengage The Automatic Locking Mode

Unbuckle the combination lap/shoulder belt and allow it to retract completely to disengage the Automatic Locking Mode and activate the vehicle sensitive (emergency) locking mode.

WARNING!

- The seat belt assembly must be replaced if the switchable Automatic Locking Retractor (ALR)

(Continued)

WARNING!

feature or any other seat belt function is not working properly when checked according to the procedures in the Service Manual.

- Failure to replace the seat belt assembly could increase the risk of injury in collisions.
- Do not use the Automatic Locking Mode to restrain occupants who are wearing the seat belt or children who are using booster seats. The locked mode is only used to install rear-facing or forward-facing child restraints that have a harness for restraining the child.

SUPPLEMENTAL RESTRAINT SYSTEMS (SRS)

Some of the safety features described in this section may be standard equipment on some models, or may be optional equipment on others. If you are not sure, ask an authorized dealer.

The air bag system must be ready to protect you in a collision. The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with the electrical Air Bag System Components. Your vehicle may be equipped with the following Air Bag System Components:

Air Bag System Components

- Occupant Restraint Controller (ORC)
- Air Bag Warning Light
- Steering Wheel and Column
- Instrument Panel
- Knee Impact Bolsters
- Driver and Front Passenger Air Bags
- Seat Belt Buckle Switch
- Supplemental Side Air Bags
- Supplemental Knee Air Bags
- Front and Side Impact Sensors
- Seat Belt Pretensioners
- Seat Track Position Sensors
- Occupant Classification System

Air Bag Warning Light

The Occupant Restraint Controller (ORC) monitors the readiness of the electronic parts of the air bag system whenever the Start button is in the START or ON/RUN position. If the Start button 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 two to eight seconds for a self-check when the Start button 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 two to eight seconds when the Start button is first in the ON/RUN position.
- The Air Bag Warning Light remains on after the two to eight-second interval.
- The Air Bag Warning Light comes on intermittently or remains on while driving.

NOTE:

If the speedometer, tachometer, or any electric motor 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 Start button is first

(Continued)

WARNING!

turned on, stays on after you start the vehicle, or if it comes on as you drive, have an authorized dealer service the air bag system immediately.

Redundant Air Bag Warning Light

If a fault with the Air Bag Warning Light is detected, which could affect the Supplemental Restraint System (SRS), the Redundant Air Bag Warning Light will illuminate on the instrument panel. The Redundant Air Bag Warning Light will stay on until the fault is cleared. In addition, a single chime will sound to alert you that the Redundant Air Bag Warning Light has come on and a fault has been detected. If the Redundant Air Bag Warning Light comes on intermittently or remains on while driving have an authorized dealer service the vehicle immediately ⇨ page 99.

Front Air Bags

This vehicle has front air bags and lap/shoulder belts for both the driver and front passenger. The front air bags are a supplement to the seat belt restraint systems. The driver front air bag is mounted in the center of the steering wheel. The passenger front air bag is mounted in the instrument panel, above the glove compartment. The words “SRS AIRBAG” or “AIRBAG” are embossed on the air bag covers.

Front Air Bag/Knee Bolster Locations

1 — Driver And Passenger Front Air Bags
2 — Driver Knee Impact Bolster/Supplemental Driver Knee Air Bag
3 — Passenger Knee Impact Bolster/Supplemental Passenger Knee Air Bag

WARNING!

- Being too close to the steering wheel or instrument panel during front air bag deployment could cause serious injury, including death. Air bags need room to inflate. Sit back, comfortably extending your arms to reach the steering wheel or instrument panel.
- Never 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.

(Continued)

WARNING!

- 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.

Front Air Bag Operation

Front Air Bags are designed to provide additional protection by supplementing the seat belts. Front air bags are not expected to reduce the risk of injury in rear, side, or rollover collisions. The front air bags will not deploy in all frontal collisions, including some that may produce substantial vehicle damage — for example, some pole collisions, truck underrides, and angle offset collisions.

On the other hand, depending on the type and location of impact, front air bags may deploy in crashes with little vehicle front-end damage but that produce a severe initial deceleration.

Because air bag sensors measure vehicle deceleration over time, vehicle speed and damage by themselves are not good indicators of whether or not an air bag should have deployed.

Seat belts are necessary for your protection in all collisions, and also are needed to help keep you in position, away from an inflating air bag.

When the Occupant Restraint Controller (ORC) detects a collision requiring the front air bags, it signals the inflator units. A large quantity of non-toxic gas is generated to inflate the front air bags.

The steering wheel hub trim cover and the upper passenger side of the instrument panel separate and fold out of the way as the air bags inflate to their full size. The front air bags fully inflate in less time than it takes to blink your eyes. The front air bags then quickly deflate while helping to restrain the driver and front passenger.

Driver And Passenger Front Air Bag Features

The Advanced Front Air Bag system has multistage driver and front passenger air bags. This system provides output appropriate to the severity and type of collision as determined by the Occupant Restraint Controller (ORC), which may receive information from the front impact sensors (if equipped) or other system components.

The first stage inflator is triggered immediately during an impact that requires air bag deployment. A low energy output is used in less severe collisions. A higher energy output is used for more severe collisions.

This vehicle may be equipped with a driver and/or front passenger seat belt buckle switch that detects whether the driver or front passenger seat belt is buckled. The seat belt buckle switch may adjust the inflation rate of the Advanced Front Air Bags.

This vehicle may be equipped with driver and/or front passenger seat track position sensors that may adjust the inflation rate of the Advanced Front Air Bags based upon seat position.

This vehicle has an Occupant Classification System ("OCS") in the front passenger seat. The OCS is designed to activate or deactivate the Passenger Advanced Front Air Bag depending on the occupant's seated weight. It is designed to deactivate the Passenger Advanced Front Air Bag for an unoccupied seat and for occupants whose seated weight classifies them in a category other than a properly seated adult. This could be a child, teenager, or even an adult.

The Passenger Air Bag Disable ("PAD") Indicator Light (an amber light located on the overhead sports bar) tells the driver and front passenger when the Passenger Advanced Front Air Bag is deactivated. The PAD Indicator Light illuminates the words "PASSENGER AIR BAG OFF" to show that the Passenger Advanced Front Air Bag will not deploy during a collision.

NOTE:

When the front passenger seat is empty or when very light objects are placed on the seat, the Passenger Advanced Front Air Bag will not deploy even though the Passenger Air Bag Disable (PAD) System Indicator Light is NOT illuminated.

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

(Continued)

WARNING!

(Continued)

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.

Occupant Classification System (OCS) — Front Passenger Seat

The Occupant Classification System (OCS) is part of a Federally regulated safety system for this vehicle. It is designed to activate or deactivate the Passenger Advanced Front Air Bag depending on the occupant's seated weight. It is designed to deactivate the Passenger Advanced Front Air Bag for an unoccupied seat and for occupants whose seated weight classifies them in a category other than a properly seated adult. This could be a child, teenager, or even an adult.

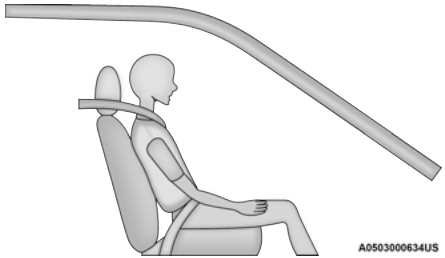
The Occupant Classification System (OCS) Consists Of The Following:

- Occupant Restraint Controller (ORC)
- Occupant Classification Module (OCM) and Sensor located in the front passenger seat
- Passenger Air Bag Disabled (PAD) Indicator Light – an amber light located on the overhead console
- Air Bag Warning Light
- Passenger Seat Belt

Occupant Classification Module (OCM) And Sensor

The Occupant Classification Module (OCM) is located underneath the front passenger seat. The Sensor is located beneath the passenger seat cushion foam. Any weight on the seat will be sensed by the Sensor. The OCM uses input from the Sensor to determine the front passenger's most probable classification. The OCM communicates this information to the ORC. The ORC uses the classification to determine whether it should activate or deactivate the Passenger Advanced Front Air Bag. In order for the OCS to operate as designed, it is important for the front passenger to be seated properly and properly wearing the seat belt. Properly seated passengers are:

- Sitting upright
- Facing forward
- Sitting in the center of the seat with their feet comfortably on or near the floor
- Sitting with their back against the seat back and the seat back in an upright position



Seated Properly

The OCS may deactivate the deployment of the Passenger Advanced Front Air Bag if the OCS estimates that:

- The front passenger seat is unoccupied or has very light objects in it.
- The front passenger seat is occupied by a rear-facing child restraint.
- The front passenger seat is occupied by a child, including a child seated in a forward-facing child restraint or booster seat.
- The front passenger seat is occupied by a small passenger, including a child or small adult.
- The front passenger is not properly seated or his or her weight is taken off of the seat for a period of time.

Passenger Air Bag Disable (PAD) System		
Front Passenger Seat Occupant Status	**Front Passenger Advanced Air Bag Disabled Indicator Lights ("PAD") Status**	**Front Passenger Air Bag Status**
Unoccupied seat Unbuckled	"PASSENGER AIR BAG OFF"	DEACTIVATED
Unoccupied seat Buckled	"PASSENGER AIR BAG OFF"	DEACTIVATED
Grocery bags, heavy briefcases, and other relatively light objects	"PASSENGER AIR BAG OFF"	DEACTIVATED
Rear-facing child restraint	"PASSENGER AIR BAG OFF"	DEACTIVATED

Passenger Air Bag Disable (PAD) System		
Front Passenger Seat Occupant Status	**Front Passenger Advanced Air Bag Disabled Indicator Lights (“PAD”) Status**	**Front Passenger Air Bag Status**
Child, including a child in a forward-facing child restraint or booster seat*	“PASSENGER AIR BAG OFF”	DEACTIVATED
Small adult	“PASSENGER AIR BAG OFF”	DEACTIVATED
Properly seated adult	“PASSENGER AIR BAG ON”	ACTIVATED
* It is possible for a child to be classified as an adult, allowing the deployment of the Passenger Advanced Front Air Bag. Never allow children to ride in the front passenger seat and never install a child restraint system, including a rear-facing child restraint, in the front passenger seat.		

WARNING!

- Never 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.

Passenger Advanced Front Air Bag Disabled (PAD) Indicator Light

The Passenger Advanced Front Air Bag Disabled (PAD) Indicator Light (an amber light located on the overhead console) tells the driver and front passenger when the Passenger Advanced Front Air Bag is deactivated. The PAD Indicator light illuminates the words “PASSENGER AIR BAG OFF” to show that the Passenger Advanced Front Air Bag will not deploy during a collision. When the front passenger seat is empty or when very light objects are placed on the seat, the Passenger Advanced Front Air Bag will not deploy and the PAD indicator light illuminates “PASSENGER AIR BAG OFF”.

“PASSENGER AIR BAG ON” should be illuminated when an adult passenger is properly seated in the front passenger seat. If an adult is not seated properly, the Passenger Advanced Front Air Bag may deactivate and “PASSENGER AIR BAG OFF” will be illuminated .

“PASSENGER AIR BAG OFF” should be illuminated and the Passenger Advanced Front Air Bag should be deactivated if the seat is empty or if it is occupied by a rear-facing child restraint with a child up to six years old. **NEVER** assume the Passenger Advanced Front Air Bag is deactivated unless the PAD Indicator Light is illuminated with the words “PASSENGER AIR BAG OFF.”

NOTE:

If the seat belt is buckled for an empty seat, the PAD indicatior light will illuminate.

If The "PASSENGER AIR BAG OFF" Light Is Illuminated For An Adult Passenger:

If an adult passenger is seated in the front passenger seat and the "PASSENGER AIR BAG OFF" is illuminated, the passenger may be sitting improperly. Follow the steps below to allow the OCS to detect the adult passenger’s seated weight to activate the Passenger Advanced Front Air Bag:

1. Turn off the vehicle and have the adult passenger step out of the vehicle.

2. Remove any extra materials from the passenger seat, such as cushions, pads, seat covers, seat massagers, blankets, extra clothing, etc.
3. Place the seatback in the full upright position.
4. Have the adult passenger sit in the center of the seat, with the passenger's feet comfortably on or near the floor, and with their back against the seatback.
5. Restart the vehicle and have the passenger remain in this seated position for two to three minutes after restarting the vehicle.

WARNING!

- If "PASSENGER AIR BAG OFF" remains illuminated for an adult passenger, have an authorized dealer service the air bag system immediately. Failure to do so may cause serious injury or death. If the PAD Indicator Light is illuminated with the words "PASSENGER AIR BAG OFF," the Passenger Advanced Front Air Bag will not deploy in the event of a collision.
- 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.

(Continued)

WARNING!

- Children 12 years or younger should always ride buckled up in the rear seat of a vehicle with a rear seat.

Lighter Weight Passengers (Including Small Adults)

When a lighter weight passenger, including a small adult, occupies the passenger seat, the Passenger Advanced Front Air Bag may be deactivated. Therefore, the Passenger Advanced Front Air Bag may or may not be activated for a lighter weight passenger, including a small adult (depending on size) who is seated in the passenger seat. This does not mean that the OCS is working improperly.

The driver and passenger must always use the PAD Indicator Light as a determination of whether the Passenger Advanced Front Air Bag is activated or deactivated. If the PAD Indicator Light is illuminated with the words "PASSENGER AIR BAG OFF" when an adult is in the front passenger seat, have the passenger reposition his or her body in the seat until "PASSENGER AIR BAG ON" is illuminated.

If the PAD Indicator Light is illuminated with the words "PASSENGER AIR BAG OFF" the Passenger Advanced Front Air Bag will not inflate in the event of a collision.

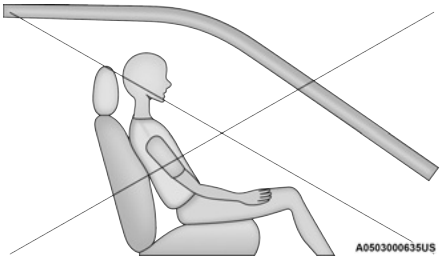
Do Not Decrease OR Increase The Front Passenger's Seated Weight On The Front Passenger Seat

The front passenger's seated weight must be properly positioned on the front passenger seat. Failure to do so may result in serious injury or death. The OCS determines the most probable classification of the occupant that it detects. The OCS will detect the front passenger's decreased or increased seated weight, which may result in deactivation or activation of the Passenger Advanced Front Air Bag in a collision. This does not mean that the OCS is working improperly. Decreasing the front passenger's seated weight on the front passenger seat may result in deactivation of the Passenger Advanced Front Air Bag causing serious injury or death. Increasing the front passenger's seated weight on the front passenger seat may result in activation of the Passenger Advanced Front Air Bag. Examples of improper front passenger seating include:

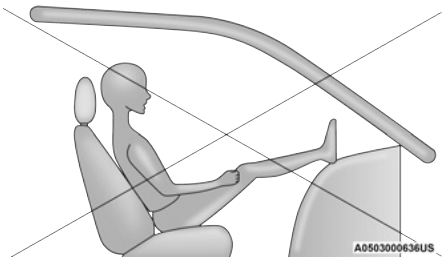
- The front passenger's weight is transferred to another part of the vehicle (like the door, arm rest or instrument panel).
- The front passenger leans forward, sideways, or turns to face the rear of the vehicle.
- The front passenger's seatback is not in the full upright position.
- The front passenger carries or holds an object while seated (e.g., backpack, box, etc.).
- Objects are lodged under the front passenger seat.
- Objects are lodged between the front passenger seat and center console.
- Accessories that may change the seated weight on the front passenger seat are attached to the front passenger seat.
- Anything that may decrease or increase the front passenger's seated weight.

The OCS determines the front passenger's most probable classification. If an occupant in the front passenger seat is seated improperly, the occupant may

provide an output signal to the OCS that is different from the occupant's properly seated weight input, for example:



Not Seated Properly



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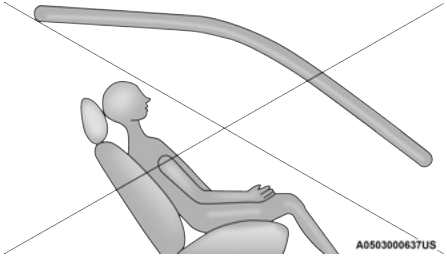
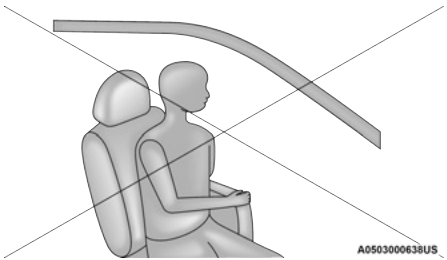


Not Seated Properly



Not Seated Properly

WARNING!

- If a child restraint system, child, small teenager or adult in the front passenger seat is seated improperly, the occupant may provide an output signal to the OCS that is different from the

(Continued)

WARNING!

occupant's properly seated weight input. This may result in serious injury or death in a collision.

- Always wear your seat belt and sit properly, with the seatback in an upright position, your back against the seatback, sitting upright, facing forward, in the center of the seat, with your feet comfortably on or near the floor.
- Do not carry or hold any objects (e.g., backpacks, boxes, etc.) while seated in the front passenger seat. Holding an object may provide an output signal to the OCS that is different than the occupant's properly seated weight input, which may result in serious injury or death in a collision.

The Air Bag Warning Light will illuminate whenever the OCS is unable to classify the front passenger seat status.

A malfunction in the OCS may affect the operation of the air bag system. If the Air Bag Warning Light does not come on, or stays on after you start the vehicle, or it comes on as you drive, take the vehicle to an authorized dealer for service immediately.

WARNING!

- Ignoring the Air Bag Warning Light in your instrument panel could mean you won't have the air bags to protect you in a collision. If the light does not come on as a bulb check when the Start button is first turned on, stays on after you start the vehicle, or if it comes on as you drive, have

(Continued)

WARNING!

an authorized dealer service the air bag system immediately.

- Placing an object on the floor under the front passenger seat may prevent the OCS from working properly, which may result in serious injury or death in a collision. Do not place any objects on the floor under the front passenger seat.
- If there is a fault present in the OCS, both "PASSENGER AIR BAG OFF" and the Air Bag Warning Light will illuminate to show that the Passenger Advanced Front Air Bag is deactivated. Should this occur, the Passenger Advanced Front Air Bag will remain deactivated until the fault is cleared. This indicates that you should take the vehicle to an authorized dealer for service immediately.

The passenger seat assembly contains critical OCS components that may affect Passenger Advanced Front Air Bag inflation. In order for the OCS to properly classify the seated weight of a front seat passenger, the OCS components must function as designed. Do not make any modifications to the front passenger seat components, assembly, or to the seat cover. If the seat, trim cover, or cushion needs service for any reason, take the vehicle to an authorized dealer. Only FCA US LLC approved seat accessories may be used.

The following requirements must be strictly followed:

- Do not modify the front passenger seat assembly or components in any way.
- Do not use prior or future model year seat covers or cushions not designated by FCA US LLC for the specific model being repaired. Always use the correct seat cover and cushion specified for the vehicle.
- Do not replace the seat cover or cushion with an aftermarket seat cover or cushion.
- Do not add a secondary seat cover or mat.
- At no time should any Supplemental Restraint System (SRS) component or SRS related component or fastener be modified or replaced with any part except those which are approved by FCA US LLC.

WARNING!

- Unapproved modifications or service procedures to the passenger seat assembly, its related components, seat cover, or cushion may inadvertently change the air bag deployment in case of a frontal collision. This could result in death or serious injury to the front passenger if the vehicle is involved in a collision. A modified vehicle may not comply with required Federal Motor Vehicle Safety Standards (FMVSS) and/or Canadian Motor Vehicle Safety Standards (CMVSS).
- If it is necessary to modify the air bag system for persons with disabilities, contact an authorized dealer.

Knee Impact Bolsters

The Knee Impact Bolsters help protect the knees of the driver and front passenger, and position the front occupants for improved interaction with the front air bags.

WARNING!

- Do not drill, cut, or tamper with the knee impact bolsters in any way.
- Do not mount any accessories to the knee impact bolsters such as alarm lights, stereos, citizen band radios, etc.

Supplemental Driver And Front Passenger Knee Air Bags

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

Supplemental Side Air Bags

Supplemental Seat-Mounted Side Air Bags (SABs)

This vehicle is equipped with Supplemental Seat-Mounted Side Air Bags (SABs).

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.

The 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.

Front Supplemental Seat-Mounted Side Air Bag Label

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)

This vehicle is equipped with Supplemental Side Air Bag Inflatable Curtains (SABICs).

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 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 may help reduce the risk of partial or complete ejection of vehicle occupants through side windows in certain side impact events.

WARNING!

- Do not mount equipment, or stack luggage or other cargo up high enough to block the deployment of the SABICs. The trim covering above the side windows where the SABIC and its deployment path are located should remain free from any obstructions.
- In order for the SABICs to work as intended, do not install any accessory items in your vehicle which could alter the roof. Do not add an aftermarket sunroof to your vehicle. Do not add roof racks that require permanent attachments (bolts or screws) for installation on the vehicle roof. Do not drill into the roof of the vehicle for any reason.

Side Impacts

The Side Air Bags are designed to activate in certain side impacts. The Occupant Restraint Controller (ORC) determines whether the deployment of the Side Air Bags in a particular impact event is appropriate, based on the severity and type of collision. The side impact sensors aid the ORC in determining the appropriate response to impact events. The system is calibrated to deploy the Side Air Bags on the impact side of the vehicle during impacts that require Side Air Bag occupant protection. In side impacts, the Side Air Bags deploy independently; a left side impact deploys the left Side Air Bags only and a right-side impact deploys the right Side Air Bags only. Vehicle damage by itself is not

a good indicator of whether or not Side Air Bags should have deployed.

The Side Air Bags will not deploy in all side collisions, including some collisions at certain angles, or some side collisions that do not impact the area of the passenger compartment. The Side Air Bags may deploy during angled or offset frontal collisions where the front air bags deploy.

Side Air Bags are a supplement to the seat belt restraint system. Side Air Bags deploy in less time than it takes to blink your eyes.

WARNING!

- Occupants, including children, who are up against or very close to Side Air Bags can be seriously injured or killed. Occupants, including children, should never lean on or sleep against the door, side windows, or area where the side air bags inflate, even if they are in an infant or child restraint.
- Seat belts (and child restraints where appropriate) are necessary for your protection in all collisions. They also help keep you in position, away from an inflating Side Air Bag. To get the best protection from the Side Air Bags, occupants must wear their seat belts properly and sit upright with their backs 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

Side Air Bags and seat belt pretensioners are designed to activate in certain rollover events. The Occupant Restraint Controller (ORC) determines whether deployment in a particular rollover event is appropriate, based on the severity and type of collision. Vehicle damage by itself is not a good indicator of whether or not Side Air Bags and seat belt pretensioners should have deployed.

The Side Air Bags and seat belt pretensioners will not deploy in all rollover events. The rollover sensing system determines if a rollover event may be in progress and whether deployment is appropriate. In the event the vehicle experiences a rollover or near rollover event, and deployment is appropriate, the rollover sensing system will also deploy the side air bags and seat belt pretensioners on both sides of the vehicle.

The SABICs may help reduce the risk of partial or complete ejection of vehicle occupants through side windows in certain rollover or side impact events.

Air Bag System Components

NOTE:

The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with electrical Air Bag System Components listed 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
- Seat Track Position Sensors
- Occupant Classification System

If A Deployment Occurs

The front air bags are designed to deflate immediately after deployment.

NOTE:
Front and/or side air bags will not deploy in all collisions. This does not mean something is wrong with the air bag system.

If you do have a collision which deploys the air bags, any or all of the following may occur:

- The air bag material may sometimes cause abrasions and/or skin reddening to the occupants as the air bags deploy and unfold. The abrasions are similar to friction rope burns or those you might get sliding along a carpet or gymnasium floor. They are not caused by contact with chemicals. They are not permanent and normally heal quickly. However, if you haven't healed significantly within a few days, or if you have any blistering, see your doctor immediately.
- As the air bags deflate, you may see some smoke-like particles. The particles are a normal by-product of the process that generates the non-toxic gas used for air bag inflation. These airborne particles may irritate the skin, eyes, nose, or throat. If you have skin or eye irritation, rinse the area with cool water. For nose or throat irritation, move to fresh air. If the irritation continues, see your doctor. If these particles settle on your clothing, follow the garment manufacturer's instructions for cleaning.

Do not drive your vehicle after the air bags have deployed. If you are involved in another collision, the air bags will not be in place to protect you.

WARNING!
Deployed air bags and seat belt pretensioners cannot protect you in another collision. Have the air bags, seat belt pretensioners, and the seat belt retractor assemblies replaced by an authorized dealer immediately. Also, have the Occupant Restraint Controller System serviced as well.

NOTE:
- Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.
- After any collision, the vehicle should be taken to an authorized dealer immediately.

Enhanced Accident Response System

In the event of an impact, if the communication network remains intact, and the power remains intact, depending on the nature of the event, the Occupant Restraint Controller (ORC) will determine whether to have the Enhanced Accident Response System perform the following functions:

- Cut off 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 HVAC Blower Motor, Close the HVAC Circulation Door
- Cut off battery power to the:
  - Electric Motor (if equipped)
  - Engine (if equipped)
  - Electric Power Steering
  - Brake Booster
  - Electric Park Brake
  - Gear Selector
  - Horn
  - Front Wiper

NOTE:
After an accident, remember to cycle to the START or ON/OFF position to avoid draining the battery. Carefully check the vehicle before resetting the system. If there is no damage to the vehicle's electrical devices (e.g. headlights) after an accident, rest the system by following the procedure described below. If you have any doubt, contact an authorized dealer.

Enhanced Accident Response System Reset Procedure — EV

After an event occurs requiring activation of the Enhanced Accident Response System, when the system is active, a "Service Electrical System" message will be displayed on the instrument cluster. The vehicle

is not drivable in this state and must be towed to an authorized dealer immediately to be inspected and have the Enhanced Accident Response System reset.

Enhanced Accident Response System Reset Procedure

In order to reset the Enhanced Accident Response System functions after an event, the start button must be changed from START or ON/RUN to OFF. Carefully check the vehicle for fuel leaks in the engine compartment and on the ground near the engine compartment and fuel tank before resetting the system and starting the engine.

After an accident, if the vehicle will not start after performing the reset procedure, the vehicle must be towed to an authorized dealer to be inspected and to have the Enhanced Accident Response System reset.

Maintaining Your Air Bag System

WARNING!

- Modifications to any part of the air bag system could cause it to fail when you need it. You could be injured if the air bag system is not there to protect you. Do not modify the components or wiring, including adding any kind of badges or stickers to the steering wheel hub trim cover or the upper passenger side of the instrument panel. Do not modify the front fascia/bumper, vehicle body structure, or add aftermarket side steps or running boards.

(Continued)

WARNING!

- It is dangerous to try to repair any part of the air bag system yourself. Be sure to tell anyone who works on your vehicle that it has an air bag system.
- Do not attempt to modify any part of your air bag system. The air bag may inflate accidentally or may not function properly if modifications are made. Take your vehicle to an authorized dealer for any air bag system service. If your seat, including your trim cover and cushion, needs to be serviced in any way (including removal or loosening/tightening of seat attachment bolts), take the vehicle to an authorized dealer. Only manufacturer approved seat accessories may be used. If it is necessary to modify the air bag system for persons with disabilities, contact an authorized dealer.

Event Data Recorder (EDR)

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE:

EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

CHILD RESTRAINTS

Everyone in your vehicle needs to be buckled up at all times, including babies and children. Every state in the United States, and every Canadian province, requires that small children ride in proper restraint systems. This is the law, and you can be prosecuted for ignoring it.

Children 12 years or younger should ride properly buckled up in a rear seat, if available. According to crash statistics, children are safer when properly restrained in the rear seats rather than in the front.

WARNING!

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. Always check the child seat Owner's Manual to make sure you have the correct seat for your child. Carefully read and follow all the instructions and warnings in the child restraint Owner's Manual and on all the labels attached to the child restraint.

Before buying any restraint system, make sure that it has a label certifying that it meets all applicable Safety Standards. You should also make sure that you can install it in the vehicle where you will use it.

Summary Of Recommendations For Restraining Children In Vehicles

	Child Size, Height, Weight Or Age	Recommended Type Of Child Restraint
Infants and Toddlers	Children who are two years old or younger and who have not reached the height or weight limits of their child restraint	Either an Infant Carrier or a Convertible Child Restraint, facing rearward in a rear seat of the vehicle
Small Children	Children who are at least two years old or who have outgrown the height or weight limit of their rear-facing child restraint	Forward-Facing Child Restraint with a five-point Harness, facing forward in a rear seat of the vehicle
Larger Children	Children who have outgrown their forward-facing child restraint, but are too small to properly fit the vehicle's seat belt	Belt Positioning Booster Seat and the vehicle seat belt, seated in a rear seat of the vehicle
Children Too Large for Child Restraints	Children 12 years old or younger, who have outgrown the height or weight limit of their booster seat	Vehicle Seat Belt, seated in a rear seat of the vehicle

Infant And Child Restraints

Safety experts recommend that children ride rear-facing in the vehicle until they are two years old or until they reach either the height or weight limit of their rear-facing child restraint. Two types of child restraints can be used rear-facing: infant carriers and convertible child seats.

The infant carrier is only used rear-facing in the vehicle. It is recommended for children from birth until they reach the weight or height limit of the infant carrier. Convertible child seats can be used either rear-facing

or forward-facing in the vehicle. Convertible child seats often have a higher weight limit in the rear-facing direction than infant carriers do, so they can be used rear-facing by children who have outgrown their infant carrier but are still less than at least two years old. Children should remain rear-facing until they reach the highest weight or height allowed by their convertible child seat.

WARNING!

- Never place a rear-facing child restraint in front of an air bag. A deploying passenger front air bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.
- Never install a rear-facing child restraint in the front seat of a vehicle. Only use a rear-facing child restraint in the rear seat. If the vehicle does not have a rear seat, do not transport a rear-facing child restraint in that vehicle.

Older Children And Child Restraints

Children who are two years old or who have outgrown their rear-facing convertible child seat can ride forward-facing in the vehicle. Forward-facing child seats and convertible child seats used in the forward-facing direction are for children who are over two years old or who have outgrown the rear-facing weight or height limit of their rear-facing convertible child seat. Children should remain in a forward-facing child seat with a harness for as long as possible, up to the highest weight or height allowed by the child seat.

All children whose weight or height is above the forward-facing limit for the child seat should use a belt-positioning booster seat until the vehicle's seat belts fit properly. If the child cannot sit with knees bent over the vehicle's seat cushion while the child's back is against the seatback, they should use a belt-positioning booster seat. The child and belt-positioning booster seat are held in the vehicle by the seat belt.

WARNING!

- Improper installation can lead to failure of an infant or child restraint. It could come loose in a collision. The child could be badly injured or killed. Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.
- After a child restraint is installed in the vehicle, do not move the vehicle seat forward or rearward because it can loosen the child restraint attachments. Remove the child restraint before adjusting the vehicle seat position. When the vehicle seat has been adjusted, reinstall the child restraint.
- When your child restraint is not in use, secure it in the vehicle with the seat belt or LATCH anchorages, or remove it from the vehicle. Do not leave it loose in the vehicle. In a sudden stop or accident, it could strike the occupants or seatbacks and cause serious personal injury.

Children Too Large For Booster Seats

Children who are large enough to wear the shoulder belt comfortably, and whose legs are long enough to bend over the front of the seat when their back is against the seatback, should use the seat belt in a rear seat. Use this simple 5-step test to decide whether the child can use the vehicle's seat belt alone:

1. Can the child sit all the way back against the back of the vehicle seat?
2. Do the child's knees bend comfortably over the front of the vehicle seat while the child is still sitting all the way back?
3. Does the shoulder belt cross the child's shoulder between the neck and arm?
4. Is the lap part of the belt as low as possible, touching the child's thighs and not the stomach?
5. Can the child stay seated like this for the whole trip?

If the answer to any of these questions was "no," then the child still needs to use a booster seat in this vehicle. If the child is using the lap/shoulder belt, check seat belt fit periodically and make sure the seat belt buckle is latched. A child's squirming or slouching can move the belt out of position. If the shoulder belt contacts the face or neck, move the child closer to the center of the vehicle, or use a booster seat to position the seat belt on the child correctly.

WARNING!

Never allow a child to put the shoulder belt under an arm or behind their back. In a crash, the shoulder belt will not protect a child properly, which may result in serious injury or death. A child must always wear both the lap and shoulder portions of the seat belt correctly.

Recommendations For Attaching Child Restraints

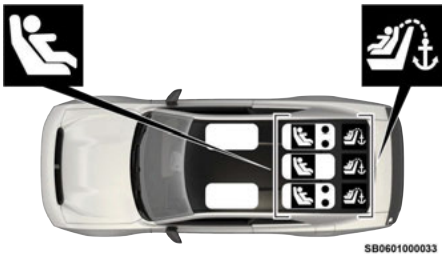
Restraint Type	Combined Weight of the Child + Child Restraint	Use Any Attachment Method Shown With An "X" Below			
		LATCH – Lower Anchors Only	Seat Belt Only	LATCH – Lower Anchors + Top Tether Anchor	Seat Belt + Top Tether Anchor
Rear-Facing Child Restraint	Up to 65 lb (29.5 kg)	X	X		
Rear-Facing Child Restraint	More than 65 lb (29.5 kg)		X		
Forward-Facing Child Restraint	Up to 65 lb (29.5 kg)			X	X
Forward-Facing Child Restraint	More than 65 lb (29.5 kg)				X

Lower Anchors And Tethers For CHildren (LATCH) Restraint System

LATCH Label

Your vehicle is equipped with the child restraint anchorage system called LATCH, which stands for Lower Anchors and Tethers for CHildren. The LATCH system has three vehicle anchor points for installing LATCH-equipped child seats. There are two lower anchorages located at the back of the seat cushion where it meets the seatback and one top tether anchorage located behind the seating position. These anchorages are used to install LATCH-equipped child seats without using the vehicle's seat belts. Some seating positions may have a top tether anchorage but no lower anchorages. In these seating positions, the seat belt must be used with the top tether anchorage to install the child restraint. Please see the following table for more information.

LATCH Positions For Installing Child Restraints In This Vehicle



LATCH Positions For Installing Child Restraints In This Vehicle

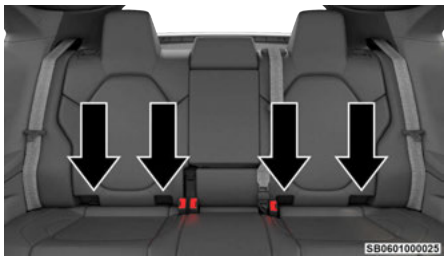
Lower Anchorage Symbol (2 Anchorages Per Seating Position)
Top Tether Anchorage Symbol

Frequently Asked Questions About Installing Child Restraints With LATCH		
What is the weight limit (child's weight + weight of the child restraint) for using the LATCH anchorage system to attach the child restraint?	65 lb (29.5 kg)	Use the LATCH anchorage system until the combined weight of the child and the child restraint is 65 lb (29.5 kg). Use the seat belt and tether anchor instead of the LATCH system once the combined weight is more than 65 lb (29.5 kg).
Can the LATCH anchorages and the seat belt be used together to attach a rear-facing or forward-facing child restraint?	No	Do not use the seat belt when you use the LATCH anchorage system to attach a rear-facing or forward-facing child restraint. Booster seats may be attached to the LATCH anchorages if allowed by the booster seat manufacturer. See your booster seat owner's manual for more information.

Frequently Asked Questions About Installing Child Restraints With LATCH		
Can two child restraints be attached using a common lower LATCH anchorage?	No	Never “share” a LATCH anchorage with two or more child restraints. If the center position does not have dedicated LATCH lower anchorages, use the seat belt to install a child seat in the center position next to a child seat using the LATCH anchorages in an outboard position.
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	The child seat may touch the back of the front passenger seat if the child restraint manufacturer also allows contact. See your child restraint owner’s manual for more information.
Can the rear head restraints be removed?	No	

Locating The LATCH Anchorages

The lower anchorages are round bars that are found at the rear of the seat cushion where it meets the seatback, below the anchorage symbols on the seatback. They are just visible when you lean into the rear seat to install the child restraint. You will easily feel them if you run your finger along the gap between the seatback and seat cushion.

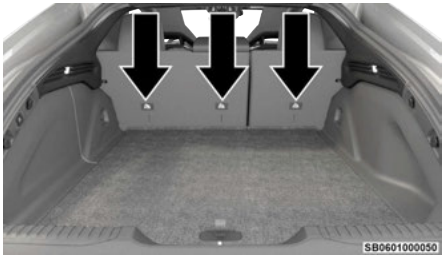


Rear LATCH Anchorages

Locating The Upper Tether Anchorages

There are tether strap anchorages behind each rear seating position located on the back of the seat. To access them, locate the opening in the cloth seatback material directly below each tether anchorage symbol.

LATCH-compatible child restraint systems will be equipped with a rigid bar or a flexible strap on each side. Each will have a hook or connector to attach to the lower anchorage and a way to tighten the connection to the anchorage. Forward-facing child restraints and some rear-facing child restraints will also be equipped with a tether strap. The tether strap will have a hook at the end to attach to the top tether anchorage and a way to tighten the strap after it is attached to the anchorage.



Rear Tether Strap Anchorages

Center Seat LATCH

Do not install child restraints with rigid lower attachments in the center seating position. Only install this type of child restraint in the outboard seating positions. Child restraints with flexible, webbing mounted lower attachments can be installed in any rear seating position.

WARNING!

Never use the same lower anchorage to attach more than one child restraint. If you are installing LATCH-compatible child restraints next to each other, you must use the seat belt for the center position. You can then use either the LATCH anchors or the vehicle's seat belt for installing child seats in the outboard positions.

Please see ⇨ page 64 for typical installation instructions.

Always follow the directions of the child restraint manufacturer when installing your child restraint. Not all child restraint systems will be installed as described here.

To Install A LATCH-Compatible Child Restraint

If the selected seating position has a Switchable Automatic Locking Retractor (ALR) seat belt, stow the seat belt, following the instructions below. See ⇨ page 65 to check what type of seat belt each seating position has.

1. Loosen the adjusters on the lower straps and on the tether strap of the child seat so that you can more easily attach the hooks or connectors to the vehicle anchorages.
2. Place the child seat between the lower anchorages for that seating position. If the second row seat can be reclined, you may recline the seat and/or raise the head restraint (if adjustable) to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.
3. Attach the lower hooks or connectors of the child restraint to the lower anchorages in the selected seating position.
4. If the child restraint has a tether strap, connect it to the top tether anchorage. See ⇨ page 67 for directions to attach a tether anchor.
5. Tighten all of the straps as you push the child restraint rearward and downward into the seat. Remove slack in the straps according to the child restraint manufacturer's instructions.
6. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.

How To Stow An Unused Switchable-ALR Seat Belt:

When using the LATCH attaching system to install a child restraint, stow all ALR seat belts that are not being used by other occupants or being used to secure child restraints. An unused belt could injure a child if they play with it and accidentally lock the seat belt retractor. Before installing a child restraint using the LATCH system, buckle the seat belt behind the child restraint and out of the child's reach. If the buckled seat belt interferes with the child restraint installation, instead of buckling it behind the child restraint, route the seat belt through the child restraint belt path and then buckle it. Do not lock the seat belt. Remind all children in the vehicle that the seat belts are not toys and that they should not play with them.

WARNING!

- Improper installation of a child restraint to the LATCH anchorages can lead to failure of the restraint. The child could be badly injured or killed. Follow the child restraint manufacturer's

(Continued)

WARNING!

directions exactly when installing an infant or child restraint.

- Child restraint anchorages are designed to withstand only those loads imposed by correctly-fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

Installing Child Restraints Using The Vehicle Seat Belt

Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt.

WARNING!

- Improper installation or failure to properly secure a child restraint can lead to failure of the restraint. The child could be badly injured or killed.

(Continued)

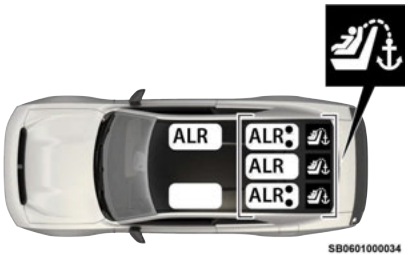
WARNING!

- Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

The seat belts in the passenger seating positions are equipped with a Switchable Automatic Locking Retractor (ALR) that is designed to keep the lap portion of the seat belt tight around the child restraint so that it is not necessary to use a locking clip. The ALR retractor can be "switched" into a locked mode by pulling all of the webbing out of the retractor and then letting the webbing retract back into the retractor. If it is locked, the ALR will make a clicking noise while the webbing is pulled back into the retractor.

Refer to the "Automatic Locking Mode" description in "Switchable Automatic Locking Retractors (ALR)" ⇨ page 46 for additional information on ALR.

Lap/Shoulder Belt Systems For Installing Child Restraints In This Vehicle



Automatic Locking Retractor (ALR) Locations

ALR — Switchable Automatic Locking Retractor
Top Tether Anchorage Symbol

2

Frequently Asked Questions About Installing Child Restraints With Seat Belts		
What is the weight limit (child's weight + weight of the child restraint) for using the Tether Anchor with the seat belt to attach a forward-facing child restraint?	Weight limit of the Child Restraint	Always use the tether anchor when using the seat belt to install a forward-facing child restraint, up to the recommended weight limit of the child restraint.

Frequently Asked Questions About Installing Child Restraints With Seat Belts		
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	Contact between the front passenger seat and the child restraint is allowed, if the child restraint manufacturer also allows contact.
Can the rear head restraints be removed?	No	
Can the buckle stalk be twisted to tighten the seat belt against the belt path of the child restraint?	No	Do not twist the buckle stalk in a seating position with an ALR retractor.

Installing A Child Restraint With A Switchable Automatic Locking Retractor (ALR):

Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt.

WARNING!

- Improper installation or failure to properly secure a child restraint can lead to failure of the restraint. The child could be badly injured or killed.
- Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

1. Place the child seat in the center of the seating position. If the second row seat can be reclined, you may recline the seat and/or raise the head restraint (if adjustable) to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.
2. Pull enough of the seat belt webbing from the retractor to pass it through the belt path of the child restraint. Do not twist the belt webbing in the belt path.
3. Slide the latch plate into the buckle until you hear a "click."
4. Pull on the webbing to make the lap portion tight against the child seat.
5. To lock the seat belt, pull down on the shoulder part of the belt until you have pulled all the seat belt webbing out of the retractor. Then, allow the webbing to retract back into the retractor. As the webbing retracts, you will hear a clicking sound. This means the seat belt is now in the Automatic Locking mode.
6. Try to pull the webbing out of the retractor. If it is locked, you should not be able to pull out any webbing. If the retractor is not locked, repeat step 5.
7. Finally, pull up on any excess webbing to tighten the lap portion around the child restraint while you push the child restraint rearward and downward into the vehicle seat.
8. If the child restraint has a top tether strap and the seating position has a top tether anchorage, connect the tether strap to the anchorage and tighten the tether strap. See ⇨ page 67 for directions to attach a tether anchor.
9. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.

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

Installing Child Restraints Using The Top Tether Anchorage:

WARNING!

Do not attach a tether strap for a rear-facing car seat to any location in front of the car seat, including the seat frame or a tether anchorage. Only attach the tether strap of a rear-facing car seat to the tether anchorage that is approved for that seating position, located behind the top of the vehicle seat. See ⇨ page 61 for the location of approved tether anchorages in your vehicle.

1. Look behind the seating position where you plan to install the child restraint to find the tether anchorage. If the seat can be moved, you may need to move the seat forward to provide better access to the tether anchorage. If there is no top tether anchorage for that seating position, move the child restraint to another position in the vehicle if one is available.
2. Route the tether strap to provide the most direct path for the strap between the anchor and the child seat. If your vehicle is equipped with adjustable rear head restraints, raise the head restraint, and where possible, route the tether strap under the head restraint and between the two posts. If not possible, pass the tether strap around the outboard side of the head restraint.
3. Attach the tether strap hook of the child restraint to the top tether anchorage as shown in the diagram.

Rear Tether Strap Mounting

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

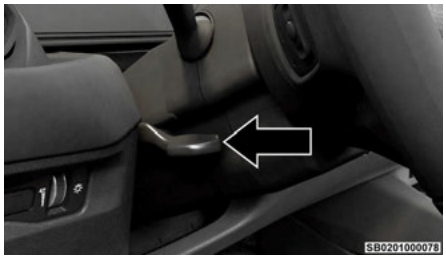
WARNING!

- An incorrectly anchored tether strap could lead to increased head motion and possible injury to the child. Use only the anchorage position directly behind the child seat to secure a child restraint top tether strap.
- 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.

STEERING WHEEL AND CONTROLS

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 control is located below the steering wheel at the end of the steering column.



Manual Tilt/Telescoping Control Handle

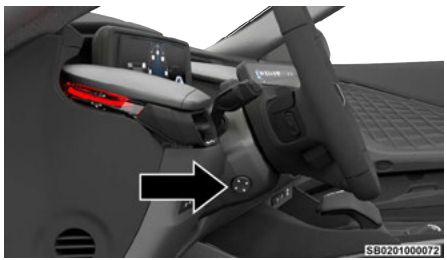
To unlock the steering column, push the control downward (toward the floor). To tilt the steering column, move the steering wheel upward or downward as desired. To lengthen or shorten the steering column, pull the steering wheel outward or push it inward as desired. To lock the steering column in position, push the control 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 control is located below the multifunction lever on the steering column.



Power Tilt/Telescoping Switch

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

NOTE:

For vehicles equipped with Driver Memory Settings, use the key fob or the memory switch on the driver's door trim panel to return the tilt/telescopic steering column to saved positions ⇨ page 32.

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

The heated steering wheel control is located within the Uconnect system or on the instrument panel. Press the button to switch between heat settings and to turn the feature off. 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.

NOTE:

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

WARNING!

- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, 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.

(Continued)

WARNING!

- 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.

Electric Power Steering

Description and Operation

The Electric Power Steering system provides increased vehicle response and ease of maneuverability. The system adapts to different driving conditions. 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 ⇨ page 115.

If the Electric Power Steering Fault Warning Light 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 ⇨ page 97.

NOTE:
- Even if the power steering assistance is no longer operational, it is still possible to steer the vehicle. Under these conditions there will be a substantial increase in steering effort, especially at low speeds and during parking maneuvers.
- If the condition persists, see an authorized dealer for service.

If the Electric Power Steering Fault Warning Light 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 Electric Power Steering Fault Warning Light and message turn off.

START BUTTON - EV MODELS

Keyless Enter 'n Go™ Propulsion System

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

Press the Start button to place the vehicle in the ON/RUN position. Press and hold the brake pedal while pushing the Start button for Ready to Drive mode.

Start Button

The Start button can be placed in the following modes:

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

ON/RUN
- Vehicle is ON.
- Some electrical devices are available (e.g. power windows, climate controls, radio, etc.).

READY TO DRIVE
- The vehicle will start (when foot is on the brake pedal).
- All electrical devices are available.

NOTE:
If the Start button does not change the mode by pushing the Start button, the key fob may have a low or depleted battery. In this situation, a backup method can be used to operate the Start button. Put the nose side (side opposite of the emergency key) of the key fob against the Start button and push to operate the button.

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

CAUTION!

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

NOTE:
- When opening the driver's door with the vehicle in the ON/RUN position, a chime will sound to remind

you to place the vehicle in the OFF position. In addition to the chime, the message will display "Ignition Or Accessory On" in the cluster.

- For more information on proper vehicle starting procedures, see ⇨ page 144.

START BUTTON – GAS MODELS

Keyless Enter 'n Go™ Ignition

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

The Start button has several operating modes, these modes are OFF, ON/RUN, and START.

Start Button

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

OFF

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

ON/RUN

- Engine is not started.
- Some electrical devices (e.g. climate controls, heated seats, etc.) are available.

START

- The engine will start.

NOTE:

In case the ignition switch does not change with the push of the Start button, the key fob may have a low or depleted battery. In this situation, a backup method can be used to operate the ignition switch. Put the nose side of the key fob against the Start button and push to operate the ignition switch.

CAUTION!
• Do not press the mechanical key against the Start button. • Do not use sharp metal objects (e.g. screwdriver etc.) to pry the button out of the ignition switch. This button comes as an assembly, and is not removable. This can damage the silicone shield.

Backup Starting Method

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

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

NOTE:

- When opening the driver's door with the vehicle in the ON/RUN position (engine not running), a chime will sound to remind you to place the vehicle in the OFF position. In addition to the chime, the message will display “Ignition Or Accessory On” in the cluster.
- For more information on normal starting, see ⇨ page 140.

WIPERS AND WASHERS

Windshield Wiper

The windshield wiper/washer controls 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.

Windshield Wiper/Washer Control

1 — Tap For Mist Or Hold For Washer
2 — Rotate For Front Wiper Operation

Windshield Wiper Operation

Rotate the end of the multifunction lever to the first detent, past the intermittent settings for low-speed wiper operation, or to the second detent past the intermittent settings for high-speed 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 Wipers

Use one of the four intermittent wiper settings when weather conditions permit. At driving speeds above 10 mph (16 km/h), the delay can be regulated from a maximum of approximately 36 seconds between cycles (first detent), to a cycle every one second (fourth detent). If the vehicle is moving less than 10 mph (16 km/h), delay times will be doubled.

Windshield Washers

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

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

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

Tap the end of the lever to operate the MIST function of the wiper system.

NOTE:

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

For information on wiper care and replacement, see ⇨ page 242.

Rain Sensing Wipers — If Equipped

This feature senses rain or snowfall on the windshield and automatically activates the wipers. Rotate the end of the multifunction lever to one of four detent positions 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 detent position four is the most sensitive.

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

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 products containing wax or silicone may reduce Rain Sensing performance.
- The Rain Sensing feature can be turned on and off using the Uconnect system ⇨ page 115.

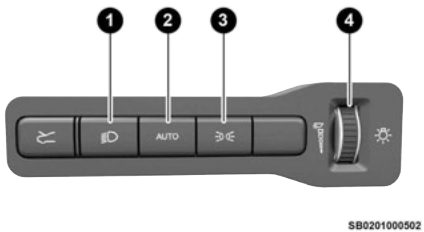
The Rain Sensing system has protection features for the wiper blades and arms, and will not operate under the following conditions:

- **Low Ambient Temperature** — When the start button is first placed in the ON 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 outside temperature is greater than 32°F (0°C).
- **Gear Box In NEUTRAL Position** — When the start button is ON, and the gear box 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.
- **Remote Start Mode Inhibit** — On vehicles equipped with the Remote Start system, Rain Sensing wipers are not operational when the vehicle is in the Remote Start mode.

EXTERIOR LIGHTS

Headlight Switch

The headlight switch is located on the left side of the instrument panel. This switch controls the operation of the low beams, parking lights, automatic headlights, instrument panel lights, and interior lights.



Headlight Switch

1 — Low Beam On/Off Control
2 — AUTO Headlight Control
3 — Parking Lights Control
4 — Instrument Panel Dimmer Control

NOTE:

Vehicles sold in Canada have headlights that will be deactivated when the headlight switch is placed in the parking lights position. However, the Daytime Running Lights (DRLs) will be activated along with the front and rear marker lights. The DRLs may be deactivated when the parking brake is engaged.

To turn on the low beams, press the low beam on button. When the headlight button is pressed, the parking lights, taillights, license plate light, instrument panel lights, as well as side mirror and side marker lights are also turned on. To turn off the low beams, press the low beam control button, the DRLs will remain illuminated.

NOTE:

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

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

Multifunction Lever

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

Multifunction Lever

Daytime Running Lights (DRLs) — If Equipped

The Daytime Running Lights are activated with the switch in the AUTO position and in daylight conditions. The Daytime Running Lights may be deactivated y applying the parking brake.

NOTE:

- If allowed by law in the country in which the vehicle was purchased, the Daytime Running Lights can be turned on and off using the Uconnect system ⇨ page 115.
- On some vehicles, the Daytime Running Lights may deactivate, or reduce intensity, on one side of the vehicle (when a turn signal is activated on that side), or on both sides of the vehicle (when the hazard warning lights are activated).

High/Low Beam Switch

Push the multifunction lever toward the instrument panel to switch the headlights to high beams. The multifunction lever will return to the centered position.

To return the headlights to low beam, pull or push the multifunction lever.

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 or deselecting “Auto High Beam” within Uconnect Settings, as well as by pressing the AUTO button.
- 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

This system automatically turns the headlights on or off according to ambient light levels. The vehicle defaults to AUTO whenever the vehicle is turned on and will be illuminated. To turn the system on, press the AUTO button. When the system is on, the headlight time delay feature is also on. This means the headlights will stay on for up to 90 seconds after placing the Start button in the OFF position. The headlight time delay can be programmed up to 90 seconds within Uconnect Settings.

To turn the automatic system off, press any other button on the headlight switch bank.

NOTE:

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

Parking Lights

To turn on the parking lights, marker lights, and instrument panel lights, press the parking lights button button.

Automatic Headlights On With Wipers — If Equipped

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 vehicle is running, they will automatically turn on when the wiper system is on. This feature is programmable through the Uconnect system ⇨ page 115.

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

Headlight Illumination On Approach

When enabled, the headlights, exterior door handle pocket lights (if equipped), and interior lights will illuminate when the unlock button on the key fob is pushed as the operator is approaching the vehicle. This feature can be turned on/off, and the length of time the headlights stay on can be programmed for up to 90 seconds within Uconnect Settings ⇨ page 115.

Proximity Wake-Up — If Equipped

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

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

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

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

Headlight Animation — If Equipped

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

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

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

Headlight Delay

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

NOTE:
The headlight delay time is programmable through Uconnect Settings ⇨ page 115.

Lights-On Reminder

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

Turn Signals

Move the multifunction lever up or down to activate the turn signals. The arrows on each side of the instrument cluster flash to show proper operation.

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

Lane Change Assist — If Equipped

Lightly push the multifunction lever up or down, without moving beyond the detent, and the turn signal will flash three times then automatically turn off.

Battery Saver

Timers are set to both the interior and exterior lights to protect the life of your vehicle's 12v battery.

After 10 minutes, if the Start button is in the OFF position and any door is left open or the dimmer control is rotated all the way up to the dome light on position, the interior lights will automatically turn off.

NOTE:
Battery saver mode is canceled if the Start button is ON.

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

INTERIOR LIGHTS

DESCRIPTION

The interior lights come on when a door is opened.

Courtesy and dome lights are turned on when the front doors are opened, or when the dimmer control 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 O (off) detent, all of the interior lights will turn off. This allows the doors to stay open for extended periods of time without discharging the vehicle's battery.

Interior Courtesy Lights

The courtesy lights can be turned on by pushing the top corner reading light buttons. The light brightness can be controlled with the dimmer switch. To turn the lights off, push the lens a second time.

Courtesy Lights

1 — Driver Reading Light On/Off Button
2 — Passenger Reading Light On/Off Button
3 — Dome Defeat Button
4 — Dome ON Button

FRONT MAP/READING LIGHTS

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

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

DIMMER CONTROL

The brightness of the instrument panel lighting and lighted cupholders (if equipped) can be regulated by rotating the left 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 the first detent up until you hear a click. This feature is useful when headlights are required during the day. Rotating the dimmer control up to the second detent, the farthest position up, turns on the courtesy lights regardless if the doors are opened or closed.

Instrument Panel Dimmer

ATTITUDE ADJUSTMENT LIGHTING — IF EQUIPPED

The color of certain ambient lighting inside of the vehicle can be selected within the Apps menu on the radio screen, or within Uconnect Settings ⇨ page 115. Brightness is adjusted using the ambient light dimmer control on the headlight switch.

64 colors can be selected for the instrument panel decorative ambient lights.

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

UNIVERSAL GARAGE DOOR OPENER (HOMELINK®) — IF EQUIPPED

DESCRIPTION

Scan this QR code to learn more about HomeLink® (Garage Door Opener).

HomeLink® replaces up to three hand-held transmitters that operate devices such as garage door openers, motorized gates, lighting, or home security systems. The HomeLink® unit is powered by your vehicle's 12 Volt battery.

The HomeLink® buttons that are located in the overhead console or sunvisor designate the three different HomeLink® channels.

HomeLink® Buttons And Indicator Light

To operate HomeLink®, push and release any of the programmed HomeLink® buttons. These buttons will activate the devices they are programmed to with each press of the corresponding HomeLink® button.

The HomeLink® indicator light is located above the center button.

NOTE:
HomeLink® is disabled when the Vehicle Security system is active ⇨ page 22.

BEFORE YOU BEGIN PROGRAMMING HOMELINK®

For efficient programming and accurate transmission of the Radio Frequency (RF) signal, it is recommended that a new battery be placed in the hand-held transmitter of the device that is being programmed to the HomeLink® system. Make sure your hand-held transmitter is programmed to activate the device you are trying to program your HomeLink® button to.

Ensure that your vehicle is parked outside of the garage before you begin programming.

It is recommended that you erase all the channels of your HomeLink® before you use it for the first time.

ERASING ALL THE HOMELINK® CHANNELS

To erase the channels, follow this procedure:

1. Place the Start button in the ON/RUN position.
2. Push and hold the two outside HomeLink® buttons (I and III) for up to 20 seconds, or until the HomeLink® indicator light flashes.

NOTE:
Erasing all channels should only be performed when programming HomeLink® for the first time. Do not erase channels when programming additional buttons.

IDENTIFYING WHETHER YOU HAVE A ROLLING CODE OR NON-ROLLING CODE DEVICE

Before programming a device to one of your HomeLink® buttons, you must determine whether the device has a rolling code or non-rolling code.

Rolling Code Devices

To determine if your device has a rolling code, a good indicator is its manufacturing date. Typically, devices manufactured after 1995 have rolling codes. A device with a rolling code will also have a "LEARN" or "TRAIN" button located where the antenna is attached to the device. The button may not be immediately visible when looking at the device. The name and color of the button may vary slightly by manufacturer.

NOTE:
The “LEARN” or “TRAIN” button is not the button you normally use to operate the device.

Non-rolling Code Devices

Most devices manufactured before 1995 will not have a rolling code. These devices will also not have a “LEARN” or “TRAIN” button.

Programming HomeLink® To A Garage Door Opener

To program any of the HomeLink® buttons to activate your garage door opener motor, proceed as follows:

NOTE:
All HomeLink® buttons are programmed using this procedure. You do not need to erase all channels when programming additional buttons.

1. Place the Start button in the ON/RUN position.
2. Place the garage door opener transmitter 1 to 3 inches (3 to 8 cm) away from the HomeLink® button you wish to program, while keeping the HomeLink® indicator light in view.
3. Push and hold the HomeLink® button you want to program while you push and hold the garage door opener transmitter button you are trying to replicate.
4. Continue to hold both buttons and observe the HomeLink® indicator light. The HomeLink® indicator light will flash slowly and then rapidly. Once this happens, release both buttons.

NOTE:
Make sure the garage door opener motor is plugged in before moving on to the rolling code/non-rolling code final steps.

Rolling Code Garage Door Opener Final Steps

NOTE:
You have 30 seconds in which to initiate rolling code final step 2, after completing rolling code final step 1.

1. At the garage door opener motor (in the garage), locate the “LEARN” or “TRAIN” button. This can usually be found where the hanging antenna wire is attached to the garage door opener motor. Firmly push and release the “LEARN” or “TRAIN” button.
2. Return to the vehicle and push the programmed HomeLink® button three times (holding the button for two seconds each time). If the garage door opener motor operates, programming is complete.
3. Push the programmed HomeLink® button to confirm that the garage door opener motor operates. If the garage door opener motor does not operate, repeat the final steps for the rolling code procedure.

Non-Rolling Code Garage Door Opener Final Steps

1. Push and hold the programmed HomeLink® button and observe the HomeLink® indicator light. If the HomeLink® indicator light stays on constantly, programming is complete.
2. Push the programmed HomeLink® button to confirm that the garage door opener motor operates. If the garage door opener motor does not operate, repeat the steps from the beginning.

WARNING!
Your motorized door or gate will open and close while you are programming the universal transmitter. Do not program the transmitter if people, pets or other objects are in the path of the door or gate. Only use this transmitter with a garage door opener that has a “stop and reverse” feature as required by Federal safety standards. This includes most garage door opener models manufactured after 1982. Do not use a garage door opener without these safety features.

Programming HomeLink® To A Miscellaneous Device

The procedure on how to program HomeLink® to a miscellaneous device follows the same procedure as programming to a garage door opener ⇨ page 77.
Be sure to determine if the device has a rolling code, or non-rolling code before beginning the programming process.

NOTE:
Canadian Radio Frequency (RF) laws require transmitter signals to time-out (or quit) after several seconds of transmission, which may not be long enough for HomeLink® to pick up the signal during programming. Similar to this Canadian law, some U.S. gate operators are designed to time-out in the same manner. The procedure may need to be performed multiple times to successfully pair the device to your HomeLink® buttons.

Reprogramming A Single HomeLink® Button

To reprogram a single HomeLink® button that has been previously trained, without erasing all the channels, proceed as follows. Be sure to determine whether the new device you want to program the HomeLink® button to has a rolling code, or non-rolling code.

1. Place the Start button in the ON/RUN position, without starting the vehicle.
2. Push and hold the desired HomeLink® button until the HomeLink® indicator light begins to flash after 20 seconds. **Do not release the button.**
3. **Without releasing the button**, proceed with Step 2 in "Programming HomeLink® To A Garage Door Opener" and follow all remaining steps.

Canadian/Gate Operator Programming

For programming transmitters in Canada/United States that require the transmitter signals to "time-out" after several seconds of transmission:

Canadian Radio Frequency (RF) laws require transmitter signals to time-out (or quit) after several seconds of transmission, which may not be long enough for HomeLink® to pick up the signal during programming. Similar to this Canadian law, some U.S. gate operators are designed to time-out in the same manner.

It may be helpful to unplug the device during the cycling process to prevent possible overheating of the garage door or gate motor.

1. Place the vehicle in the ON/RUN position.

   NOTE:
   For vehicles equipped with Keyless Enter 'n Go™ Propulsion System, place the vehicle in the RUN position. Make sure while programming HomeLink® that your vehicle is outside of your garage, or that the garage door remains open at all times.
2. Place the hand-held transmitter 1 to 3 inches (3 to 8 cm) away from the HomeLink® button you wish to program while keeping the HomeLink® indicator light in view.
3. Continue to push and hold the HomeLink® button while you push and release (cycle) your hand-held transmitter every two seconds until HomeLink® has successfully accepted the frequency signal. The indicator light will flash slowly and then rapidly when fully trained.
4. Watch for the HomeLink® indicator to change flash rates. When it changes, it is programmed. It may take up to 30 seconds or longer in rare cases. The garage door may open and close while you are programming.
5. Push and hold the programmed HomeLink® button and observe the indicator light.

   NOTE:
   - If the indicator light stays on constantly, programming is complete and the garage door/device should activate when the HomeLink® button is pushed.
   - To program the two remaining HomeLink® buttons, repeat each step for each remaining button. DO NOT erase the channels.

If you unplugged the garage door opener/device for programming, plug it back in at this time.

Reprogramming A Single HomeLink® Button (Canadian/Gate Operator)

To reprogram a channel that has been previously trained, follow these steps:

1. Place the Start button in the ON/RUN position.
2. Press and hold the desired HomeLink® button until the indicator light begins to flash after 20 seconds. Do not release the button.
3. Without releasing the button, proceed with "Canadian/Gate Operator Programming" Step 2 and follow all remaining steps.

Security

It is advised to erase all channels before you sell or turn in your vehicle.

To do this, push and hold the two outside buttons for 20 seconds until the indicator flashes. Note that all channels will be erased. Individual channels cannot be erased.

The HomeLink® universal transmitter is disabled when the Vehicle Security system is active.

Troubleshooting Tips

If you are having trouble programming HomeLink®, here are some of the most common solutions:

- Replace the battery in the garage door opener hand-held transmitter.

- Push the LEARN button on the garage door opener to complete the training for a rolling code.
- Did you unplug the device for programming and remember to plug it back in?

If you have any problems, or require assistance, please call toll-free 1-800-355-3515 or on the Internet at HomeLink.com for information or assistance.

WARNING!
Your motorized door or gate will open and close while you are programming the universal transmitter. Do not program the transmitter if people, pets or other objects are in the path of the door or gate. Only use this transmitter with a garage door opener that has a “stop and reverse” feature as required by Federal safety standards. This includes most garage door opener models manufactured after 1982. Do not use a garage door opener without these safety features.

INTERIOR STORAGE AND FEATURES

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.

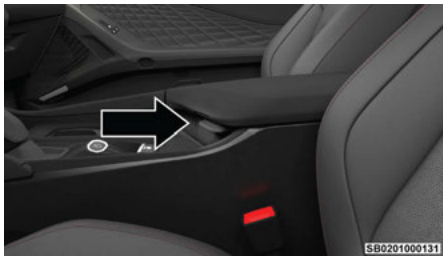
The glove compartment can be locked using the emergency key within the key fob.

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

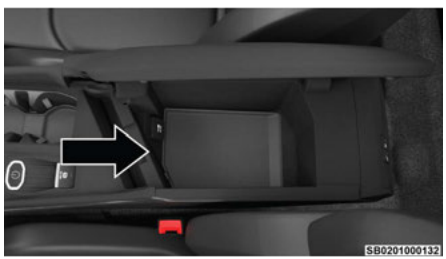
Large storage areas are built into the door panels for easy access.

Console Features



Center Console

Inside the center console armrest, the lower storage area is made for larger items, like tissue boxes. In addition, a 12 Volt power outlet is located here.



Center Console Lower Storage Area

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.

Sunglasses Bin Door

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

Sunglasses Bin Door

USB Control

This feature allows an external USB device to be plugged into the USB port.

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

A USB Type A may be present in the center console of the vehicle. This USB is for the Drive eXperience Recorder (DXR) memory feature and will not provide media or power support to a device.

Front USB Ports

Located on the rear of the front center console are dual USB charge only ports. The USB charge only ports will recharge battery operated USB devices when connected.

Rear USB Charging Ports

NOTE:

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

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 symbol are powered when the vehicle is ON, while the outlets labeled with a battery symbol are connected directly to the battery and powered at all times.

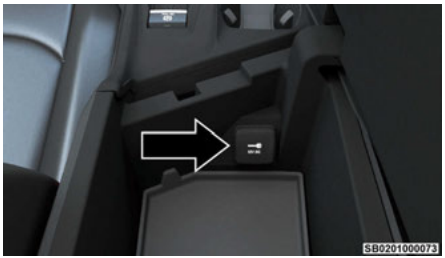
NOTE:

All accessories connected to the battery powered outlets should be removed or turned off when the vehicle is not in use to protect the battery against discharge.

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 power outlet is located inside the storage area in the center console.



Power Outlet

If the Media Hub is in use, do not exceed the maximum power of 100 W (8 Amp) for the center console power outlet. When the Media Hub is not in use, the outlet can deliver up to 160 W (13 Amp). If the power rating is exceeded, the fuse protecting the system needs to be replaced.

NOTE:

The instrument panel power outlet and dual rear console USB ports can be changed to ignition powered all the time by moving the F44 - 20 Amp fuse from cavity "B" to cavity "A"; vehicle shipped/provided with fuse in "B+" position ⇨ page 247. These fuses are found within the rear power distribution center located in the hatchback of the vehicle.

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 vehicle 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 alternator to recharge the vehicle's battery.

(Continued)

CAUTION!

- Power outlets are designed for accessory plugs only. Do not hang any type of accessory or accessory bracket from the plug. Improper use of the power outlet can cause damage.

Wireless Charging Pad — If Equipped

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

Wireless Charging Pad

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

Please see your phone's Owner's Manual for further information.

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

LED Indicator Status:

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

Important Notes Regarding This Vehicle's Wireless Charging Pad:

- The presence of the Near-Field Communication (NFC) function active on a smartphone could signal malfunction anomalies.
- The Start button must be in the ON/RUN position and all doors are closed in order for the phone to charge.
- To avoid interference with the key fob search, the wireless charging pad will stop charging when any door or hatch is opened, even if the electric motor is running.
- Be sure to place the mobile device correctly (display facing upward, and phone not covering the LED) on the wireless charging pad.
- If the phone moves on the pad causing the red light to illuminate, the phone will have to be picked up and placed back on the charging pad to resume charging.
- Wireless charging is not as fast as when the phone is connected to a wired charger.
- Some phone's protective case may impact charging. If a phone is not charging due to thick or not certified phone case, it is recommended to remove the phone case before placing on the wireless charging pad.
- iPhones® equipped with Magsafe® may affect the charging function, and may cause higher phone temperature.
- Phones must always be placed on the wireless charging pad within the outline shown on the pad so that its charging parts connect with the charging coils of the system. Movement of the phone during charging may prevent or slow the rate of charge.
- Having multiple applications open on the phone while charging may cause the phone to overheat and will reduce the charging rate, and may even shut down an application that is actively running (i.e. Android Auto™or Apple CarPlay®).
- The charging rate may slow down or stop to prevent the phone from overheating. If this happens, it does not mean there is a fault with the wireless charging pad. This may just be a protective measure requested by the phone to prevent damage.
- The use of multiple wireless functions at the same time (wireless charging, Apple CarPlay®, Android Auto™) could cause the device to overheat, resulting in limitation of the functions or it turning off. In this case, it is recommended to connect the system using the USB port.
- Do not place the key fob or any other type of metal/ magnetized object in the phone case or near the wireless charging pad.
- To protect your phone from overheating, the wireless charging pad is equipped with an integrated cooling fan.

CAUTION!

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

To prevent malfunction or burns:

- Do not insert any metallic or magnetic materials (such as Coins, Keys, Metal Cards, Paper Clips) or Key Card between the charging pad and the phone while charging.
- Do not attach metallic or magnetic materials (such as aluminum sticker) to the device side charging area.

HATCH

Opening The Hatch

The hatch may be opened in several ways:

- Power hatch release button on the overhead console.
- Hatch button on the key fob
- Hatch Passive Entry button ⇨ page 25

NOTE:
Without a key in proximity behind the hatch, the passive entry hatch release button will only release the hatch latch when the vehicle is unlocked.

With the power button in the ON/RUN position, the hatch open symbol will display in the instrument cluster indicating that the hatch is open. The odometer display will reappear once the hatch is closed.

With the power button in the OFF position, the hatch open symbol will display until the hatch is closed.

Power Hatch Release Button

The hatch can be opened from inside the vehicle using the power hatch release button located on the overhead console.

Power Hatch Release Button

NOTE:
The gear selector must be in PARK before the button will operate.

Key Fob Hatch Release Button

Push the power hatch button on the key fob twice within five seconds to release the hatch.

Passive Entry Button

Push the hatch passive entry button which is located on the right side of the hatch lid. This button will release the hatch when the vehicle is unlocked, or when the vehicle is locked and a valid passive entry key fob is within 5 ft (1.5 m) of the hatch.

Hatch Passive Entry Button

Adjusting The Height Of The Hatch

Use the following steps to set a new default height for opening the hatch.

1. With the hatch open, manually set the height of the open hatch to the desired position.
2. Hold the close hatch button for three seconds to set the position as the vehicles new fully open height. An audible chime should go off once the height has been set.

Closing The Hatch

There are three ways to close the hatch:

- Manually (grab the hatch closing handle and pull downward)
- Close Hatch button in the cargo area
- Overhead console button (Must be pressed twice within five seconds)

NOTE:
The hatch cannot be closed using the key fob.

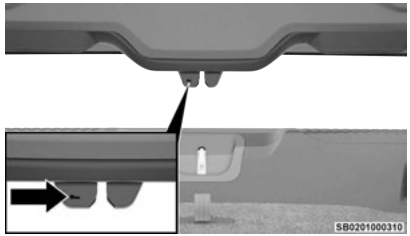
Close Hatch Button

NOTE:
Before closing the hatch lid, make sure your key fob is not inside the hatch area. The hatch will latch then automatically unlock if the key fob is detected, not allowing the key fob to be locked in the hatch area.

Hatch Safety

Hatch Malfunction Procedure:

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



Hatch Emergency Release

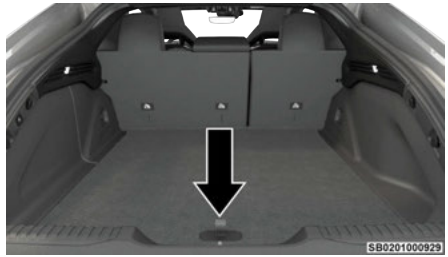
2. From inside the gate, an eyelet can be seen. Place the screwdriver in the eyelet.
3. Rotate the screwdriver handle to actuate the lever and release the latch.
4. If hatch is left open for an extended period of time, the hatch may need to be closed manually to reset power hatch functionality.

Cargo Area Features

Cargo Storage

The load floor is designed for a maximum load of 187 lb (84 kg), and should be uniformly distributed over the load floor.

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



Lift Load Floor Handle

NOTE:
When the hatch is opened the rear cargo light will illuminate.

Foldable Cargo Area Cover — If Equipped

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. Locate the cargo cover in the cargo area, unfold using a twisting motion.
2. Identify the bottom of the cargo cover by locating the labels on the left and right cargo cover pins.

3. With the bottom facing down, hook the straps to the inside posts near the outboard rear head restraint on each side.

Step 3

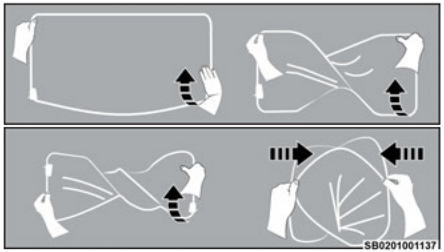
4. Insert the pins on the ends of the cover into the slots on each side of the hatch.

Step 4

NOTE:
The hatch may be opened with the cargo cover in place.

To store the foldable cargo area cover, reverse the installation steps.

To fold the cargo cover, see the following illustration:



Folding The Cargo Cover

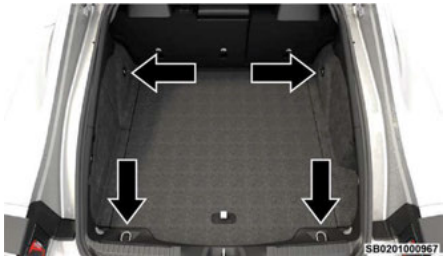
1 — With your left hand, grasp the upper left corner and with your right hand, grasp the over the top of the lower right pin.
2 — Twist Cover Twice
3 — Push Twisted Cover Inward
4 — Cover Will Remain Folded For Storage

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.

Cargo Tie-Down Hooks

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



Tie-Down Hooks

WARNING!

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

The weight and position of cargo and passengers can change the vehicle center of gravity and vehicle

(Continued)

WARNING!

handling. To avoid loss of control resulting in personal injury, follow these guidelines for loading your vehicle:

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

HOOD

Opening The Hood

WARNING!

EV Models:

- Always place the Start button in the OFF position before opening the hood.
- Some areas remain very hot for a while after driving or charging and may cause serious burns if touched.

(Continued)

WARNING!

- Keep hands, tools, clothing, and jewelry away from the radiator cooling fan when the hood is raised. The cooling fan may start operating at any time, including during charging. Hands or clothing caught in a rotating fan may cause serious injury.

To open the hood:

The Hood Release button is located on the instrument panel to the left of the steering wheel. Press the hood release button once to open the hood.

Hood Release Button

NOTE:

- Vehicle must be at a stop and the gear selector must be in PARK.
- While lifting the hood, use both hands.
- Before lifting the hood, check that the wiper arms are not in motion and not in the lifted position.

In The Event Of A Power Failure

The hood may also be manually released in the event of a depleted battery. The mechanical release lever is located under the drivers side of the instrument panel.

Emergency Hood Release Location

1 — Hood Release Pull Strap
2 — Lock

To open, unlock the emergency release door by turning the lock mechanism a quarter turn with a small tool such as a coin. Then pull the emergency release strap two times to release the hood.

Be sure to replace the strap and close lid by securing the lock mechanism once the mechanical release is no longer needed.

Closing The Hood

Be careful when lowering the hood as to not cause damage. Close the hood by following these steps:

Hand Placement Zone

1. In one continuous motion, gently lower the hood until it is resting on the latch mechanism.
2. Place two hands on center of hood, above the latch mechanism. Press down firmly until hood is latched.
3. Confirm hood is latched in place.

CAUTION!
EV Models: ● Do not drop or forcefully close hood. Doing so can cause damage to the hood. ● Only use force on the areas highlighted in the image above. Pressing down on areas outside of this area can cause damage.

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.

Frunk Safety (EV) — If Equipped

Frunk Load Specifications

Do not exceed a load more than 60 lbs (27 kg) in the frunk.

CAUTION!
Do not place liquids or anything that can melt in the frunk storage compartment.

Hood Emergency Release

In the event of an individual being locked inside the frunk, the hood can be opened by pressing the Emergency Release button inside the frunk.

The hood can only be opened if the vehicle is in the PARK position or is stationary at 0mph.

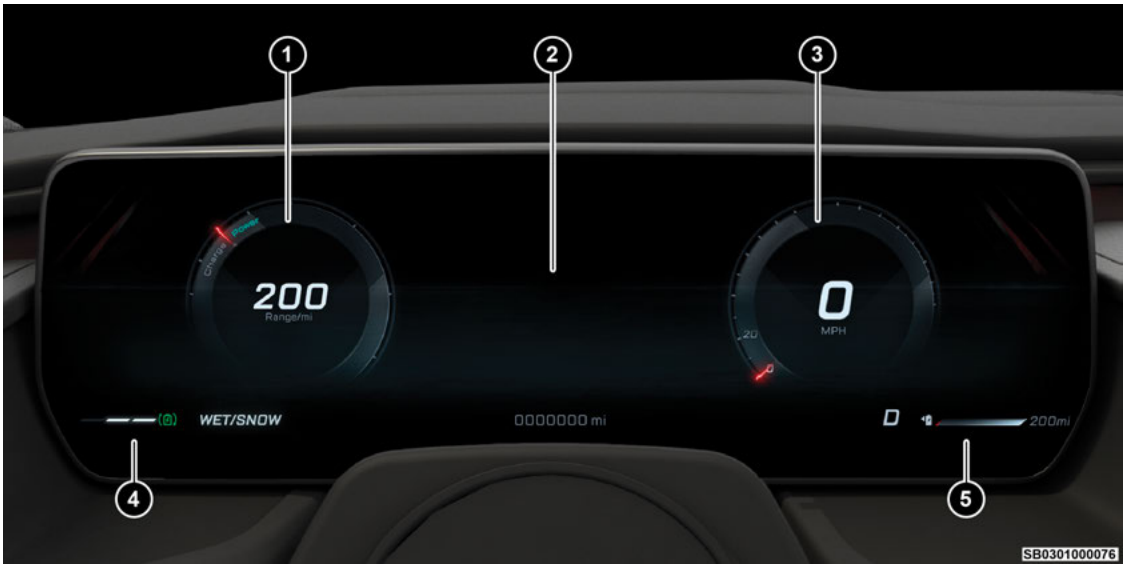
Frunk Emergency Release

WARNING!
Do not allow children to have access to the frunk, either by climbing into the frunk from outside. Always close the hood when your vehicle is unattended. Once in the frunk, young children may not be able to escape. If trapped in the frunk, children can die from suffocation or heat stroke.

DASHBOARD INSTRUMENTS AND CONTROLS

INSTRUMENT CLUSTER

EV Instrument Cluster — Uplevel



Instrument Cluster Descriptions

Scan this QR code to learn more about the instrument cluster.

1. Charge/Power Gauge — Purple indicates the amount of energy utilized to charge the battery while slowing the vehicle. Red fill indicates the amount of power currently being utilized from the high voltage battery to propel the vehicle.

Charge/Power Gauge

2. Main Menu Area — Displays Main Menu items and information.
3. Speedometer — Indicates vehicle speed.
4. Max Regeneration — Indicates number of regen levels available. Regenerative braking replenishes the vehicle's high voltage battery during deceleration.
5. Battery Gauge — Indicates battery percentage. The icon and bar graph change color according to the charging status and level. The arrow next to the battery icon indicates what side of the vehicle the charge port is on.

NOTE:

Some telltales illuminate for a bulb check when the vehicle is first turned on.

Gas Instrument Cluster

Instrument Cluster Descriptions

Scan this QR code to learn more about the instrument cluster.

1. Tachometer — Indicates the engine speed in revolutions per minute (RPM x 1000).
2. Main Menu Area — Displays Main Menu items and information.
3. Speedometer — Indicates vehicle speed.
4. Temperature Gauge — Indicates engine coolant temperature.
   - Any reading within the normal range indicates that the engine cooling system is operating satisfactorily.
   - The gauge will likely indicate a higher temperature when driving in hot weather, up mountain grades, or when towing a trailer. It should not be allowed to exceed the upper limits of the normal operating range.

WARNING!

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

CAUTION!

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

5. Fuel Gauge — Indicates fuel level.
   - Indicates the level of fuel in the fuel tank when the Start button is in the ON/RUN position.
   - The fuel pump symbol points to the side of the vehicle where the fuel door is located.

NOTE:
Some telltales illuminate for a bulb check when the vehicle is first turned on.

Instrument Cluster Display

Depending on your vehicle’s trim level, features and options may vary.

Your vehicle is equipped with an instrument cluster display, which offers useful information to the driver. With the vehicle in the OFF position, 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 submenus. You can access the specific information you want and make selections and adjustments.

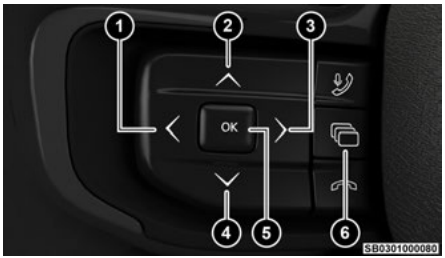
Location And Controls

The instrument cluster display features an interactive display which is located in the instrument cluster.

Instrument Cluster Display And Controls Location

1 — Instrument Cluster Display Screen
2 — Instrument Cluster Display Controls

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



Instrument Cluster Display Controls

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

Left And Right Arrow Buttons:

Use the **left** ◁ or **right** ▷ arrow button to cycle through the Main Menu items.

Up And Down Arrow Buttons:

Use the **up** △ or **down** ▽ arrow button to cycle through the submenus of the Main Menu items.

NOTE:

- Holding the **up** △ or **down** ▽ or **left** ◁ or **right** ▷ arrow button will continuously loop through the currently selected menu or options presented on the screen.
- Upon returning to a Main Menu, the last submenu screen viewed within that Main Menu will be displayed.

OK Button:

Push the **OK** button to access/select the information screens or submenu screens of a Main Menu item. Push and hold the **OK** button for two seconds to reset certain displayed/selected features.

For Digital Speedometer in Driver Info Menu:

- Pushing the **OK** button changes units (mph or km/h).

For Screen Setup in Settings Menu:

- **OK** button allows user to enter menu and submenus.
- Within each submenu layer, the **up** △ and **down** ▽ arrow buttons will allow the user to select the item of interest.
- Pushing the **OK** button makes the selection and a confirmation screen will appear (returning the user to the first page of the submenu).
- The left or right arrow buttons navigate to the adjacent menus.

Layout Button:

Press the Layout button on the steering wheel to toggle between the available cluster layout options. Selected layout will continue to be displayed at next key cycle.

- Classic: default layout characterized by analog circular gauges and Main Menu.
- Center: characterized by a centered speedometer and no Main Menu bar.
- Navigation: characterized by navigation map and control in cluster.

Selectable Main Menu Items

Push and release the **left** ◁ or **right** ▷ arrow button until the desired Main Menu item is displayed in the instrument cluster display.

Follow the menu or submenu prompts as desired.

NOTE:

Depending on the vehicles options, feature settings may vary.

DRIVER INFO

The Driver Info menu consists of the following submenus: Driver Assist, Trip A, and Speedometer.

Driver Assist - If Equipped

The Driver Assist menu displays the current status of Adaptive Cruise Control (ACC), Active Lane Management (ALM), and Active Driving Assist (ADA) , if equipped.

Trip A

The Trip menu displays trip distance, average speed, travel time, and an instantaneous consumption graph with average indication. The cluster will show "- -" in place of value for trip consumption or trip distance if the cluster does not receive a signal. Hold the OK button to reset all information in Trip A.

Speedometer

Push and release the OK button to toggle units (km/h or mph) of the speedometer.

AUDIO

This menu provides current audio information or phone information when applicable.

HEAD-UP DISPLAY (HUD) - IF EQUIPPED

The Head-Up Display menu has the following options:

- Display On/Off
- Content & Layout
  - Standard
  - Simple
  - Advanced (Default)
- Navigation Info
- Height (1-10)
- Brightness (1-10)

MESSAGES

Stored Messages

This feature shows the number of stored warning messages, if any. Push the up or down arrow button to scroll through the stored messages. Number of messages is indicated by the dots on the screen. When there are no messages or only one message, no submenu dots or arrows will appear.

SETTINGS MENU

Push and release the **left** ◁ or **right** ▷ arrow button until the Settings Menu displays. Use the **up** △ or **down** ▽ arrow buttons to scroll through the submenus. Use the **OK** button to select.

Speed Warning - If Equipped

When set, provides a visual and audible warning when vehicle exceeds customer set speed. Set speed will appear within telltale. When the set speed is exceeded, a single chime will sound with a message "Speed Warning Exceeded".

To set speed warning, press the OK button to enter the Speed Warning submenu. Press the down arrow to scroll to Speed Warning On. Edit Speed will be available once turned on. Use the up or down arrow buttons to set limit. Press the OK button to set the speed. If you exit the menu without selecting OK, the Speed Warning will return to its previous status.

Screen Setup

The Screen Setup feature allows you to change what information is displayed in the instrument cluster as well as the location of that information.

- Upper Left: Compass, Outside Temp, Time (Default), Range - If Equipped, or None
- Upper Right: Compass, Outside Temp (Default), Time, Range - If Equipped, or None
- Restore Defaults

NOTE:

Based upon equipment options and current vehicle status, some features may not be available.

DRIVE EXPERIENCE RECORDER (DXR) — IF EQUIPPED

WARNING!
Measurement of vehicle statistics with the Performance Features is intended for off-highway or track use only and should not be done on any public roadways. It is recommended that these features be used in a controlled environment and within the limits of the law. The capabilities of the vehicle as measured by the performance pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user's safety or the safety of others. Only a safe, attentive, and skillful driver can prevent accidents.

Push and release the **right** ▷ or **left** ◁ arrow button until the DXR menu is displayed. Push and release the **up** △ or **down** ▽ arrow button to enter the submenus. This feature is unavailable in Valet Mode.

- Drag Race
- Circuit/Rally
  - Race < Track Name >
  - Create Track
  - Select Track

If equipped, the center console contains a USB port that can be used to download performance data. Plug a USB stick into the port and select the option to begin recording.

PERFORMANCE FEATURES

WARNING!

Measurement of vehicle statistics with the Performance Features is intended for off-highway or track use only and should not be done on any public roadways. It is recommended that these features be used in a controlled environment and within the limits of the law. The capabilities of the vehicle as measured by the performance pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user's safety or the safety of others. Only a safe, attentive, and skillful driver can prevent accidents.

Push and release the **right** ▷ or **left** ◁ arrow button until the Performance menu is displayed.

Push the **up** △ or **down** ▽ arrow button to enter the submenus.

The Performance Features include the following:

- Speed Timers — Track Recent, Best, and Last times to reach specified milestones
  - 0-60 mph (0-100 km/h) Speed Timer
  - 0-100 mph (0-160 km/h) Speed Timer
- Drag Timers — Track Recent and Best times to reach specified Drag Distance milestones
- Lap Timer — Track Last and Best lap times
- Braking Distance — View recorded braking distance
  - Distance
  - From Speed
- G-Forces — View current and peak G-Force values
- Top Speed — Populates a top speed from first drive cycle and every time that speed is exceeded
- Engine Power or Motor Power Gauge
  - HP
  - kW
- Air Fuel Ratio Gauge — Gas Only

VEHICLE INFO

Push and release the **right** ▷ or **left** ◁ arrow button until the Vehicle Info menu is displayed. Push and release the **up** △ or **down** ▽ arrow button to scroll through the submenus. Follow the directional prompts to access or reset any of the submenu items.

- Energy or Fuel Economy: provides a real-time indicator of instant consumption compared to average consumption. Hold the OK button to reset average economy. For invalid or no signals, the values may display two dashes "- -".
- Tire Pressure Monitor: displays units psi, kPa, or bar based on selection. Pressure for individual tires indicated. For invalid or no signals, the tire pressure value will show "- -" and "Tire Pressure Unavailable".

Gas Only

- Oil Life: If conditions are met, holding the OK button will reset the gauge and numeric display to 100%.
- Oil Level: Displays important information regarding oil level state.
- Oil Pressure
- Oil Temp
- Trans Temp
- Battery Voltage
  - Storage Mode (If Equipped): Storage Mode disables features to preserve battery life when the vehicle will be stored or not used for an extended period of time. To enable, navigate to the 12V battery gauge, then press and hold the OK button to request Storage mode. Follow displayed messages and instructions. To exit Storage Mode, start the vehicle.
  - Connected Services are unavailable in Storage Mode.

WARNING!

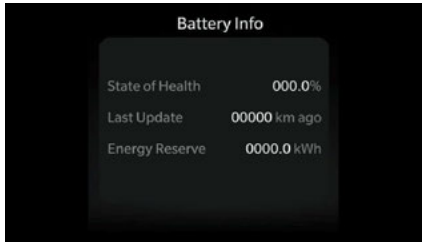
- The Rear Seat Reminder Alert is not available when the vehicle is in Storage Mode.
- Make sure to check the rear seats for children and animals before engaging Storage Mode.

Storage Mode Activation Location

- Stop/Start

High Voltage Battery State Of Health

- Battery Info: displays high voltage battery related information. Pressing and holding the Layout button (if equipped) on the steering wheel controls acts as a shortcut to the Battery Info menu when in Classic Layout.
  - State of Health: displays the current health of the high voltage battery.
  - Last Update: displays the distance driven since the last State of Health check.
  - Energy Reserve: displays the actual remaining reserve energy in kWh.



Battery Info Display

- Charging Rate: displays vehicle charging rate related information.
  - Current: shows the current charging value of the vehicle in kWh.
  - Max: shows the maximum charging value of the vehicle in kWh.

Charging Rating Display

Procedure To Update State Of Health

The high voltage battery State of Health check updates automatically during normal vehicle usage. However, an update may be manually completed using the following procedure:

Charging

1. With the vehicle off, use a Level 1 or Level 2 charger to charge the battery to above 80%.
2. When charging is complete, let the vehicle sit for at least two hours.

Then, perform the below Discharge procedure.

Discharging

1. Discharge the battery to 20% charge level or lower (to drain the battery, one can drive the vehicle and/or run the HVAC).
2. Turn off the vehicle and wait at least two hours.

Start the vehicle and determine if Last Update value has reset to 0 km. If so, then the state of health was successfully updated. If not, repeat the above Charging and Discharging steps at least two additional times.

NOTE:
The update may take longer in some cases.

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 vehicle is running. It will display a message if there is a risk of battery depletion to the point where the vehicle may stall due to lack of electrical supply, or will not restart after the current drive cycle.

When load reduction is activated, the message “Battery Saver On” or “Battery Saver Mode” will appear in the instrument cluster.

These messages indicate the vehicle battery has a low state of charge and continues to lose electrical charge at a rate that the charging system cannot sustain.

NOTE:

- The charging system is independent from load reduction. The charging system performs a diagnostic on the charging system continuously.
- If the Battery Charge Warning Light is on it may indicate a problem with the charging system ⇨ page 100.

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

- Heated Seat/Vented Seats/Heated Wheel
- Heated/Cooled Cup Holders — If Equipped
- Rear Defroster And Heated Mirrors
- HVAC System
- 115 Volts AC Power Inverter System
- Audio and Telematics System

Loss of the battery charge may indicate one or more of the following conditions:

- The charging system cannot deliver enough electrical power to the vehicle system because the electrical loads are larger than the capability of the charging system. The charging system is still functioning properly.
- Turning on all possible vehicle electrical loads (e.g. HVAC to max settings, exterior and interior lights, overloaded power outlets +12 Volts, 115 Volts AC, 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 vehicle not running to supply radio, lights, chargers, +12 Volts portable appliances like vacuum cleaners, game consoles and similar devices.

What to do when an electrical load reduction action message is present (“Battery Saver On” or “Battery Saver Mode”)

During a trip:

- Reduce power to unnecessary loads if possible:
  - Turn off redundant lights (interior or exterior)
  - Check what may be plugged in to power outlets +12 Volts, 115 Volts AC, USB ports
  - Check HVAC settings (blower, temperature)
  - Check the audio settings (volume)

After a trip:

- Check if any aftermarket equipment was installed (additional lights, upfitter electrical accessories, audio systems, alarms) and review specifications if any (load and Start button on 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.

Engine Oil Life Reset — Gasoline Models

Oil Change Required

Your vehicle is equipped with an engine oil change indicator system. The “Oil Change Required” message will display in the instrument cluster display for five seconds after a single chime has sounded, to indicate

the next scheduled oil change interval. The engine oil change indicator system is duty cycle based, which means the engine oil change interval may fluctuate, dependent upon your personal driving style.

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

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

1. Without pressing the brake pedal, place the Start button in the ON position (do not start the engine).
2. Push and release the **left** ◁ or **right** ▷ arrow button to find the Vehicle Info main menu item.
3. Push and release the **down** ▽ arrow button to access the Oil Life submenu.
4. Push and hold the **OK** button to reset oil life. If conditions are met, the gauge and numeric display will update to show 100%. If conditions are not met a pop-up message “To Reset Oil Life Engine Must Be Off With Ignition In Run” will display (for five seconds), and the user will remain at the Oil Life screen.
5. Push and release the **left** ◁ or **right** ▷ arrow button to exit the submenu screen.

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

Secondary Method Of Resetting Engine Oil Life

1. Without pressing the brake pedal, place the Start button in the ON position (do not start the engine).
2. Fully press the accelerator pedal, slowly, three times within 10 seconds.
3. Without pushing the brake pedal, push the Start button once to return to the OFF position.

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

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. Always refer to the information in this chapter in the event of a failure indication. All active telltales will display first if applicable.

NOTE:
The system check menu may appear different based upon equipment options and current vehicle status. Some telltales are optional or model specific and may not appear.

WARNING MESSAGES

Stop Safely Vehicle Will Shut Off Soon

Stop Safely Vehicle Will Shut Off Soon Warning Message

This warning will be displayed on the instrument panel display when the vehicle has determined an operational issue will occur shortly, which will cause the vehicle's propulsion system to turn off. If this message appears while driving, stop the vehicle in a safe location as soon as possible. Have the vehicle transported to an authorized dealer.

- This is a high priority message
- This message will be displayed continuously
- Cannot be cleared with button press
- A single chime will sound continuously

Fire Danger! Pull Over Now! Exit Vehicle!

**Fire Danger! Pull Over Now!
Exit Vehicle! Warning Message**

A warning will appear on the instrument panel display if the system detects the high voltage battery has overheated. This can result in a vehicle fire, and the release of toxic and/or flammable gases. To reduce the risk of a larger fire, the vehicle's high voltage propulsion system will turn off within thirty seconds of displaying this warning. At that time, the vehicle may not accelerate. You can still steer and brake the vehicle. This high priority message:

- displays continuously.
- cannot be cleared with a button press.
- has a rapid and continuous chime.

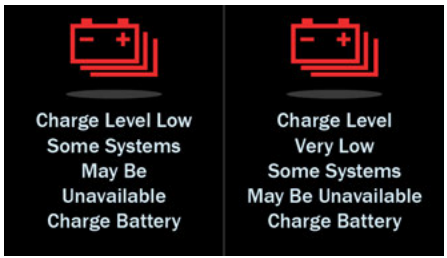
Stop and park the vehicle in an open area. Have all passengers exit the vehicle as soon as possible and move to a safe distance away from the vehicle. After all passengers safely exit the vehicle, call emergency responders immediately. Even if you do not see flames, a fire may start at any moment. Do not attempt to reenter or start the vehicle.

CAUTION!
An overheated High Voltage Battery may result in electrical systems damage. Do not attempt to restart the vehicle. The vehicle must be towed to an authorized dealer.

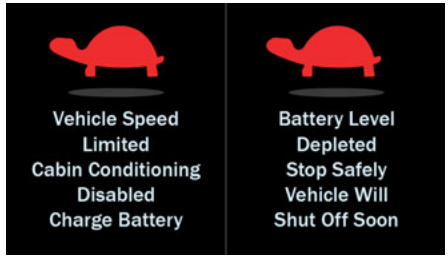
Turtle Mode

This mode is triggered when there is a low estimated range to empty that will disable some functionalities and limit vehicle speed/torque in order to save battery and allow the driver to reach a charging station. There are four levels with pop-up warning messages.

The Speed Override Warning Light will appear only in Levels 3 and 4 when the driver exceeds the Turtle Mode imposed limited speed.



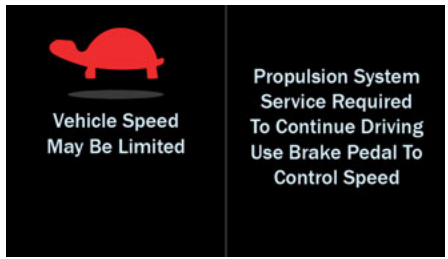
Turtle Mode Message Levels 1 and 2



Turtle Mode Message Levels 3 and 4

Limp Home Mode

In the case of an issue with the vehicle's electrical drive system, the vehicle may enter Limp Home Mode, which will limit vehicle speed, disable vehicle systems, and reduce power output. See an authorized dealer for service.



Limp Home Mode

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 two to eight seconds as a bulb check when the Start button is placed in the ON/RUN position. This light will illuminate with a single chime when a fault with the air bag has been detected, it will stay on until the fault is cleared. If the light is either not on during startup, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible.

Active Driving Assist - Driver Inattentiveness Warning Light

This light illuminates when driver inattentiveness has been continually detected, warning the driver to place their hands on the steering wheel.

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 reservoir.

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 cycling the Start button from the OFF position to the ON/RUN position. The light should illuminate for approximately two 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 Start button 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.

Brakes Overheated Warning Light

This indicator light illuminates along with a message to indicate the brake rotor temperature has exceeded its set threshold, second stage. Stop safely and place the vehicle in PARK.

Battery Charge Low Warning Light

This warning light will illuminate and a message will display when the high-voltage battery charge level is low. Some systems may be disabled to save battery. This mode is triggered when the vehicle has a low estimated range and a warning message will appear on the screen. Navigate to the nearest approved charging station.

Low Voltage Battery Charge Warning Light

This warning light will illuminate when the low voltage battery is not charging properly. If it stays on, there may be a malfunction with the low voltage charging system. Contact an authorized dealer as soon as possible.

This indicates a possible problem with the electrical system or a related component.

Door Open Warning Light

This indicator will illuminate when a door is ajar/open and not fully closed.

NOTE:

If the vehicle is moving, there will also be a single chime.

Drowsy Driver Detection Warning Light — If Equipped

The Drowsy Driver Detection (DDD) system monitors certain vehicle movements and driver interactions to identify patterns suggesting drowsiness. If detected, the system sends the driver an auditory and visual signal to take precaution. A pop-up will display continuously until the driver presses the **OK** button to clear.

Drowsy Driver Alert can be turned on or off through Uconnect Settings ⇨ page 113.

Electric Power Steering (EPS) Fault Warning Light

This warning light will turn on when there's a fault with the EPS system ⇨ page 68.

WARNING!
Continued operation with reduced assist could pose a safety risk to yourself and others. Service should be obtained as soon as possible.

Electronic Throttle Control (ETC) Warning Light

This warning light will illuminate to indicate a problem with the ETC system. If a problem is detected while the vehicle is running, the light will either stay on or flash depending on the nature of the problem. Cycle the Start button 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 Start button is placed in the ON/RUN position and remain on briefly as a bulb check. If the light does not come on during starting, have the system checked by an authorized dealer.

Service Electrical System Warning Light — If Equipped

This warning light will illuminate when service to the electrical system is needed. It will be accompanied by a message in the cluster. If the telltale stays on or continues to come on, contact an authorized dealer as soon as possible.

Engine Coolant Temperature Warning Light

This warning light warns of an overheated engine condition. If the engine coolant temperature is too high, this indicator will illuminate and a single chime will sound. If the temperature reaches the upper limit, a continuous chime will sound for four minutes or until the engine is able to cool, whichever comes first.

If the light turns on while driving, safely pull over and stop the vehicle. If the Air Conditioning (A/C) system is on, turn it off. Also, shift the transmission into NEUTRAL (N) and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service ⇨ page 292.

Hood Open Warning Light

This indicator will illuminate when the hood is open and not fully closed.

NOTE:
If the vehicle is moving, there will also be a single chime.

High Voltage Coolant Low Warning Light

This warning light will illuminate to indicate that high voltage battery coolant is low. Contact an authorized dealer if illumination persists.

Hatch Open Warning Light

This indicator will illuminate when the hatch is open or not fully closed.

NOTE:
If the vehicle is moving, there will also be a single chime.

Plug Status Fault Warning Light

This warning light will illuminate when a plug status fault is detected (when vehicle not in motion). It will be accompanied by a cluster message indicating the type of fault. You may receive one of the following messages if a fault is detected:

- "Service Charging System" – If you see this message, it is recommended to unplug and plug in again, or try a different charging station. If an issue continues, contact an authorized dealer to service your high voltage charging system.
- "Issue Detected Check External Charging Station" – If you see this message, the charging station may be powered off, having internal fault or being scheduled to charge later. It is recommended to try a different charging station. If an issue continues, then contact an authorized dealer.

NOTE:
- Older or non-compliant J1772 EVSE models may not support charging of this vehicle. If this vehicle does not charge, it may be connected to a non-compliant Level 2 EVSE, and will flash indicators. Please identify this failure to the site operator and/or EVSE provider.
- Before this vehicle can be driven, the EVSE Charging Cord must be disconnected from the vehicle.

Oil Level Warning Light — If Equipped

This warning light will illuminate to indicate a problem with the vehicle oil level. A chime will sound when this light turns on and a message will be displayed to indicate that the oil level is lower or higher than appropriate. Continued driving may result in engine damage, add (or drain) manufacturer recommended oil as needed to achieve the proper level.

Oil Pressure Warning Light

This warning light will illuminate to indicate low engine oil pressure. If the light turns on while driving, stop the vehicle, shut off the engine as soon as possible, and contact an authorized dealer. A chime will sound when this light turns on.

Do not operate the vehicle until the cause is corrected. This light does not indicate how much oil is in the engine. 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.

Power Battery Fault Warning Light

This light alerts the driver that there is a failure in the Power Battery System. Contact an authorized dealer if illumination persists.

Seat Belt Reminder Warning Light

This warning light indicates when the driver or passenger seat belt is unbuckled. When the Start button 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 ⇨ page 40.

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.

Speed Override Warning Light

This warning light will illuminate to warn the driver that the vehicle speed is being limited. The purpose of this feature is to help save battery allowing the driver to reach the nearest charging station. The indicator will appear each time the limit is exceeded. A speed override popup message will appear when the speed is first exceeded.

This mode is triggered when the vehicle has extremely low or no remaining estimated range. Navigate to the nearest approved charging station.

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.

Turtle Mode Warning Light

This warning light will illuminate to indicate that Turtle Mode has been activated and that some vehicle systems may be disabled to save battery. The purpose of this feature is help the driver reach the nearest charging station.

This mode is triggered when the vehicle has a low estimated range and a warning message will appear on the screen. Navigate to the nearest approved charging station.

Vehicle Security Warning Light — If Equipped

This light will flash at a fast rate for approximately 15 seconds when the vehicle security system is arming, and then will flash slowly until the vehicle is disarmed.

Yellow Warning Lights

Anti-Lock Brake System (ABS) Warning Light

This warning light monitors the ABS. The light will turn on when the Start button is placed in the ON/RUN position and may stay on for as long as four seconds.

If the ABS light remains on or turns on while driving, then the Anti-Lock portion of the brake system is not functioning and service is required as soon as possible. However, the conventional brake system will continue to operate normally, assuming the Brake Warning Light is not also on.

If the ABS light does not turn on when the vehicle is placed in the ON/RUN position, have the brake system inspected by an authorized dealer.

Active Driving Assist - Driver Inattentiveness Warning Light

This light illuminates when driver inattentiveness has been detected, warning the driver to place their hands on the steering wheel.

Active Lane Management Warning Light — If Equipped

The Active Lane Management Warning Light will be solid yellow when the vehicle is approaching a lane marker. The warning light will flash when the vehicle is crossing the lane marker ⇨ page 182.

Acoustic Vehicle Alerting System (AVAS) Fault Warning Light — If Equipped

This light alerts the driver that the AVAS system is not functioning properly. If the light stays on contact and authorized dealer for service.

Brakes Overheated Warning Light

This indicator light illuminates when the brake rotor temperature has exceeded its set threshold, first stage. Avoid extended brake use.

Creep Fail Indicator Light

This indicator light will illuminate when there is a fault within the Creep system or if the Creep system is unable to be turned off.

Drowsy Driver Detected System Fault Warning Light — If Equipped

This warning light will illuminate when the Drowsy Driver Detected (DDD) system is not operating correctly and requires service. Please see an authorized dealer.

Regenerative Braking Unavailable Warning Light

This light appears along with a message when regenerative braking is unavailable because of a system failure. This indicates a fault. See an authorized dealer for service.

Electric Park Brake Warning Light

This warning light will illuminate to indicate the Electric Park Brake is not functioning properly and service is required. Contact an authorized dealer.

Electronic Stability Control (ESC) Active Warning Light

This warning light will indicate when the ESC system is Active. The ESC Indicator Light in the instrument cluster will come on when the Start button is placed in the ON/RUN position, and when ESC is activated. It should go out with the vehicle running. If the ESC Indicator Light comes on continuously with the vehicle running, a malfunction has been detected in the ESC system. If this warning light remains on after several key 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 Start button is placed in the ON/RUN position.
- The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive.
- This light will come on when the vehicle is in an ESC event.

Electronic Stability Control (ESC) OFF Warning Light

This warning light indicates the ESC is off. Each time the Start button is cycled the ESC system will be on, even if it was turned off previously.

Fuel Level Sensor Failure Warning Light - If Equipped

This warning light will illuminate along with a dedicated message on the display if a problem is detected with the Fuel Level Sensor. If this light comes on see an authorized dealer immediately.

Low Fuel Warning Light

When the fuel level reaches approximately 2 gal (7.5 L), this light will turn on and a chime will sound. The light will remain on until fuel is added.

Low Washer Fluid Warning Light

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

Engine Check/Malfunction Indicator Warning Light (MIL)

The 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 Start button is in the ON/RUN position before engine start. If the bulb does not come on when turning the Start button 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 can reach higher temperatures than in normal operating conditions. This can cause a fire if you drive slowly or park over flammable substances such as dry plants, wood, cardboard, etc. This could result in death or serious injury to the driver, occupants or others.

CAUTION!

Prolonged driving with the Malfunction Indicator Light (MIL) on could cause damage to the vehicle control system. It also could affect fuel economy and driveability. If the MIL is flashing, severe catalytic converter damage and power loss will soon occur. Immediate service is required.

Oil Level Sensor Fault Warning Light — If Equipped

This warning light will illuminate to indicate a fault with the engine oil level sensor. Contact an authorized dealer for service.

Service Active Lane Management Warning Light — If Equipped

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

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.

Service Adaptive Cruise Control (ACC) Warning Light

This light will turn on when ACC is not operating and needs service ⇨ page 199.

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 energy consumption may not be guaranteed.

Should one or more tires be in the condition previously mentioned, the display will show the indications corresponding to each tire.

CAUTION!

Do not continue driving with one or more flat tires as handling may be compromised. Stop the vehicle, avoiding sharp braking and steering. If a tire puncture occurs, repair immediately using the dedicated tire repair kit and contact an authorized dealer as soon as possible.

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.

As an added safety feature, your vehicle has been equipped with TPMS that illuminates a low tire pressure telltale when one or more of your tires is significantly underinflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also reduces energy efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if underinflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

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

(Continued)

CAUTION!

sensor damage. Using aftermarket tire sealants may cause the Tire Pressure Monitoring System (TPMS) sensor to become inoperable. After using an aftermarket tire sealant it is recommended that you take your vehicle to an authorized dealer to have your sensor function checked.

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 ⇨ page 173.

Traffic Sign Recognition (TSR) Fault Warning Light — If Equipped

This light will illuminate to indicate a TSR fault. Contact an authorized dealer if the light remains on after restarting the vehicle.

Yellow Indicator Lights

Forward Collision Warning (FCW) OFF Indicator Light — If Equipped

This indicator light illuminates to indicate that Forward Collision Warning is off ⇨ page 173.

Rear Fog Indicator Light — If Equipped

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

Green Indicator Lights

Drive Mode - ECO Indicator Light

This light will turn on when Eco mode is active.

Active Lane Management Indicator Light — If Equipped

The Active Lane Management indicator light illuminates solid green when both lane markings have been detected and the system is "armed" and ready to provide visual and torque warnings if an unintentional lane departure occurs ⇨ page 182.

Parking/Headlights On Indicator Light

This indicator light will illuminate when the parking lights or headlights are turned on ⇨ page 72.

PowerShot Activated Indicator Light

This light will turn on when PowerShot is activated. Maximum acceleration will be available for a limited period of time.

Plug Status Indicator Light

This indicator light will illuminate green when the vehicle is plugged in and the Electric Vehicle Supply Equipment (EVSE) charging plug is securely attached to the charging port. This indicates that the plug is detected, but doesn't mean it is charging. It will be accompanied with a cluster message indicating the charge status:

- “Plugged In And Charging”
- “Plugged In And Waiting to Charge On A Set Schedule”
- “Plugged in and Charging Complete”

NOTE:
The vehicle cannot be driven until it is unplugged.

Regenerative Braking Available Indicator Light

This indicator light turns green when regenerative braking is available and able to capture energy.

Stop/Start Active Indicator Light — If Equipped

This indicator light will illuminate when the Stop/Start function is in “Autostop” mode ⇨ page 142.

Ready To Drive Indicator Light

This indicator light will illuminate to indicate that the vehicle has enough power to be driven, regardless of the speed of the vehicle.

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.

Gray Indicator Lights

PowerShot Unavailable Indicator Light

This light will turn on when PowerShot is unavailable and prepping. The time for which this feature is unavailable depends on prepping factors.

White Indicator Lights

Active Driving Assist Indicator Light

This light illuminates when Active Driving Assist is active.

Creep Off Indicator Light

This indicator light will illuminate when Creep is turned off.

Drive Mode - Auto Indicator Light

This indicator light will illuminate when Auto drive mode is active.

Drive Mode - Custom Indicator Light — If Equipped

This indicator light will illuminate when the Custom drive mode is active.

Drive Mode - Drag Indicator Light — If Equipped

This indicator light will illuminate when Drag drive mode is active.

Drive Mode - Sport Indicator Light

This indicator light will illuminate when Sport drive mode is active.

Drive Mode - Track Indicator Light — If Equipped

This indicator light will illuminate when Track drive mode is active.

Drive Mode - Wet/Snow Indicator Light

This indicator light will illuminate when Wet/Snow drive mode is active.

Valet Mode Indicator Light — If Equipped

This indicator light will illuminate when Valet mode is active.

PowerShot Indicator Light

This light will turn on when PowerShot is enabled and ready to use.

Regenerative Braking Unavailable Indicator Light

This indicator light is white when regenerative braking is unavailable because the battery is currently at 100% state of charge. This is normal and does not indicate a fault.

Run Indicator Light

This indicator light illuminates when gas model vehicles are in PARK or NEUTRAL with the engine running.

RWD Indicator Light

This indicator light illuminates when Rear Wheel Drive has been selected.

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.

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.

For states that require an Inspection and Maintenance (I/M), this check verifies the Malfunction Indicator Light (MIL) is functioning and is not on when the engine is running, and that the OBD II system is ready for testing.

Normally, the OBD II system will be ready. The OBD II system may **not** be ready if your vehicle was recently serviced, or had a depleted 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 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 Start button to the ON/RUN 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 Start button to the ON/RUN 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 10 seconds and then return to being fully illuminated until you turn OFF the Start button 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 Start button 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 previously mentioned 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.

ONBOARD DIAGNOSTIC SYSTEM

DESCRIPTION

Your vehicle is equipped with a sophisticated Onboard Diagnostic system called OBD II. This system monitors the performance of the emissions, engine, and transmission control systems. When these systems are operating properly, your vehicle will provide excellent performance and fuel economy, as well as engine emissions well within current government regulations.

If any of these systems require service, the OBD II system will turn on the Malfunction Indicator Light (MIL). It will also store diagnostic codes and other information to assist your service technician in making repairs. Although your vehicle will usually be 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 OBD II and a connection port to allow access to information related to the performance of your emissions controls. Authorized service technicians may need to access this information to assist with the diagnosis and service of your vehicle and emissions system ⇨ page 113.

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.

(Continued)

WARNING!

- 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.

CLIMATE CONTROLS

AUTOMATIC CLIMATE CONTROL DESCRIPTIONS AND FUNCTIONS

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

Uconnect 5 With 12.3-inch
Display Automatic Climate Controls

MAX A/C Button

Press and release the MAX A/C button on the touchscreen to change the current setting to the coldest output of air. The MAX A/C indicator illuminates when MAX A/C is on. Pressing the button again will cause the MAX A/C operation to exit. In MAX A/C, the blower level and mode position can be adjusted to the desired user settings. Pressing other settings will cancel MAX A/C.

NOTE:
The MAX A/C button is only available on the touchscreen.

A/C Button

Press and release this button on the touchscreen, or push the button on the faceplate to change the current setting. The A/C indicator illuminates when A/C is on.

Recirculation Button

Press and release this button on the touchscreen to change the system between recirculation mode and outside air mode. The Recirculation indicator illuminates when Recirculation is on. 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 grayed 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. Recirculation mode may automatically adjust to optimize customer experience for warming, cooling, dehumidification, etc.

Auto Button/Auto Eco Button

Press and release the Auto/AutoEco button to toggle between Auto and AutoEco. This activates the comfort settings to automatically control the front driver and passenger area's comfort by adjusting distribution and the amount of airflow. When the AutoEco button is selected, the climate system will be controlled to optimize for energy savings, but comfort may be compromised.

Front Defrost Button

Press and release the Front Defrost button on the touchscreen to change the current airflow setting to Defrost mode. The Front Defrost indicator illuminates when Front Defrost 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 the previous setting.

Rear Defrost Button

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

CAUTION!

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

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

(Continued)

CAUTION!

- Do not use scrapers, sharp instruments, or abrasive window cleaners on the interior surface of the window.
- Keep all objects a safe distance from the window.

Driver And Passenger Temperature Up And Down Buttons

These buttons provide the driver and passenger with independent temperature control.

Push the red button on the 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 touchscreen or press and slide the temperature bar towards the blue arrow button on the touchscreen for cooler temperature settings.

SYNC Button

Press the SYNC button on the touchscreen to toggle the SYNC feature on/off. The SYNC indicator illuminates when SYNC is on. SYNC synchronizes the passenger temperature setting with the driver temperature setting. Changing the passenger's temperature setting while in SYNC will automatically exit this feature.

NOTE:

The SYNC button is only available on the touchscreen.

Blower Control

Blower Control regulates the amount of air forced through the Climate Control system. There are seven blower speeds available. Adjusting the blower will cause automatic mode to switch to manual operation. The speeds can be selected using the buttons on the touchscreen.

Touchscreen

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

Mode Control

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.

Panel Mode

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.

Bi-Level Mode

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.

NOTE:

Bi-Level mode is designed under comfort conditions to provide cooler air out of the panel outlets and warmer air from the floor outlets.

Floor Mode

Air comes from the floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.

Mix Mode

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.

Climate Control OFF Button

Press and release the OFF button on the touchscreen to turn the Climate Control ON/OFF.

Automatic Temperature Control (ATC)

Automatic Operation

1. Push 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 within Uconnect Settings ⇨ page 115.

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.

Climate Voice Commands

Adjust vehicle temperatures hands-free and keep everyone comfortable while you keep moving ahead.

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

- “Set the driver temperature to **[Desired Temperature]** degrees”
- “Set the passenger temperature to **[Desired Temperature]** 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.

Operating Tips

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

Winter Operation

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

Vacation/Storage

For information on maintaining the Climate Control system when the vehicle is being stored for an extended period of time, see ⇨ page 280.

Window Fogging

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

Outside Air Intake

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

Cabin Air Filter

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

Operating Tips Chart

WEATHER	CONTROL SETTINGS
All Conditions	Set the mode control to AUTO (Auto), for optimal HVAC performance as it is engineered based on the current vehicle interior and exterior conditions
Hot Weather & Vehicle Interior Is Very Hot	Set the mode control to Max A/C. Roll down the windows for a minute to flush out the hot air. Adjust the controls as needed to achieve comfort.
Warm Weather	Turn A/C (A/C) on and set the mode control to (Panel Mode).
Cool Sunny	Operate in (Bi-Level Mode).
Cool & Humid Conditions	Set the mode control to (Mix Mode) and turn A/C (A/C) on to keep windows clear.
Cold Weather	Set the mode control to (Floor Mode). If windshield fogging starts to occur, move the control to (Mix Mode).
Wet Conditions (Rain/Sleet/Snow)	Set the mode control to (MAX Defrost) to clear window fogging as quickly as possible.

INFOTAINMENT

INTRODUCTION

Identifying Your radio

Your vehicle is equipped with the Uconnect 5/5 NAV With 12.3-inch Display. For detailed information, refer to your Radio Instruction Manual.

NOTE:

- Uconnect screen images are for illustration purposes only and may not reflect exact software for your vehicle.
- At vehicle start up, there may be a delay in certain features such as Android Auto™ and Apple CarPlay®.

RADIO OPERATION, MOBILE PHONES, AND CYBERSECURITY

Radio Operation And Mobile Phones

Under certain conditions, the mobile phone being on in your vehicle can cause erratic or noisy performance from your radio. This condition may be lessened or eliminated by repositioning the mobile phone within the vehicle. This condition is not harmful to the radio. If your radio performance does not satisfactorily improve from repositioning the mobile phone, it is recommended that the volume be turned down or off during mobile phone operation when not using the Uconnect system.

Regulatory And Safety Information

US/CANADA

Exposure to Radio Frequency Radiation

The radiated output power of the internal wireless radio is far below the FCC and IC radio frequency exposure limits. Nevertheless, the wireless radio will be used in such a manner that the radio is 8 inches (20 cm) or further from the human body.

The internal wireless radio operates within guidelines found in radio frequency safety standards and recommendations, which reflect the consensus of the scientific community.

The radio manufacturer believes the internal wireless radio is safe for use by consumers. The level of energy emitted is far less than the electromagnetic energy emitted by wireless devices such as mobile phones. However, the use of wireless radios may be restricted in some situations or environments, such as aboard airplanes. If you are unsure of restrictions, you are encouraged to ask for authorization before turning on the wireless radio.

Cybersecurity

Depending on applicability, your vehicle may be able to send or receive information from a wired or wireless network. This information allows systems and features in your vehicle to function properly.

Your vehicle may be equipped with certain security features to reduce the risk of unauthorized and unlawful access to vehicle systems and wireless communications. Vehicle software technology continues to evolve over time and FCA US LLC, working with its suppliers, evaluates and takes appropriate steps as needed. As always, if you experience unusual behavior, contact an authorized dealer immediately or refer to your Radio Instruction Manual for additional contact information.

The risk of unauthorized and unlawful access to your vehicle systems may still exist, even if the most recent version of vehicle software (such as Uconnect software) is installed.

WARNING!
• ONLY insert trusted media devices/components into your vehicle. Media of unknown origin could possibly contain malicious software, and if installed in your vehicle, it may increase the possibility for vehicle systems to be breached. • As always, if you experience unusual vehicle behavior, contact an authorized dealer immediately.

NOTE:

To help further improve user experience, features, stability, etc., and minimize the potential risk of a security breach, vehicle owners should routinely check www.driveuconnect.com (US Residents) or

www.driveuconnect.ca (Canadian Residents) to learn about available Uconnect software updates.

MULTIMEDIA SYSTEMS

Steering Wheel Audio Controls

The remote sound system controls are located on the rear surface of the steering wheel at the three and nine o'clock positions.

Steering Wheel Audio Controls - On Back Of 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 will increase the volume, and pushing the bottom of the rocker switch will decrease the volume.

Pushing the right-hand control's center button will mute the system.

The left-hand control is a rocker-type switch with a push button in the center. The function of the left-hand control is different depending on which mode you are in.

The following describes the left-hand control operation in each mode:

Radio Operation

Pushing the top of the switch will seek up for the next available station and pushing the bottom of the switch will seek down for the next available station.

The button located in the center of the left-hand control will tune to the next preset station that you have programmed in the radio Preset button.

Media Mode

Pushing the top of the switch once goes to the next track on the selected media (AUX/USB/Bluetooth®). Pushing the bottom of the switch once goes to the beginning of the current track, or to the beginning of the previous track if it is within eight seconds after the current track begins to play.

In Media Mode, Apple CarPlay, Android Auto, or streaming music, the Center button on the Steering Wheel Audio Controls does not function. Nothing will happen when that button is pressed.

NOTE:

While the radio turns on, it may take time to establish a connection between Satellites and Phones. There may be a minute or two delay when the Steering Wheel Audio Controls will not responds as the radio initializes.

Uconnect Voice Recognition

Basic Voice Commands

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

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

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

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

Get Started

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

Helpful hints for using Voice Recognition:

- Reduce background noise. Wind noise and passenger conversations are examples of noise that may impact recognition.
- Speak clearly at a normal pace and volume while facing straight ahead.

- Each time you give a Voice Command, first push the VR button, wait until after the beep, then say your Voice Command.
- You can interrupt the help message or system prompts by pushing the VR button and saying a Voice Command from the current category.

NOTE:

If your vehicle is not equipped with Voice Recognition, you may still have voice recognition buttons. These buttons will work with Android Auto™ and Apple CarPlay® by initiating a Siri or Google Assistant voice recognition session. Depending on your device, you may need to press and hold the VR button for one second to begin a voice recognition session.

Uconnect Voice Command Buttons

1 — Push To Start Or Answer A Phone Call And Send Or Receive A Text
2 — Push To End Call

Additional Information

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For Uconnect system support, call 1-877-855-8400 (24 hours a day 7 days a week) or visit DriveUconnect.com (US) or DriveUconnect.ca (Canada).

Uconnect Settings

Customer Programmable Features

Uconnect 5/5 NAV With 12.3-inch Display Buttons On The Touchscreen

The Uconnect system uses a combination of buttons on the touchscreen and buttons on the faceplate located on the center of the instrument panel. These buttons allow you to access and change the Customer Programmable Features. Many features can vary by vehicle.

To access the Uconnect Settings press the Vehicle button on the menu bar, 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.

Buttons on the faceplate are located below and/or beside the Uconnect system in the center of the instrument panel. In addition, there is a SCROLL/ENTER control knob located on the right side. Turn the control knob to scroll through menus and change settings. Push the center of the control knob one or more times to select or change a setting.

Your Uconnect system may also have SCREEN OFF and MUTE buttons on the faceplate.

Push the SCREEN OFF button on the faceplate to turn off the Uconnect screen. Push the button again or tap the screen to turn the screen on.

Press the Back Arrow button to exit out of a Menu or certain option on the Uconnect system.

NOTE:

- All settings should be changed when the vehicle is ON.
- Only one area of the touchscreen may be selected at a time.

When making a selection, press one button on the touchscreen to enter the desired menu. 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.

NOTE:
Availability of settings, setting names, and menu options can vary depending on vehicle features, equipped Uconnect system, and the currently installed software.

DISPLAY

The Display menu provides settings that will alter the display of the Uconnect system. These settings will relate to the theme, screen brightness, and color of the touchscreen. Displayed units and on-screen pop-ups can also be adjusted.

MY PROFILE

The My Profile menu provides setting related to the selected Profile. These settings will be saved to a profile, and the vehicle will adjust to these settings when that profile is selected. The settings will include options to adjust the on-screen language, display, pop-up types, and time format.

SAFETY/ASSISTANCE

The Safety/Assistance menu provides settings related to the vehicle's safety features. These options will differ depending on the safety features equipped on the vehicle. These settings may include options for braking and collision assist, lane changing assist, and parking assist features.

Some safety settings may be present within a sub-folder of the Safety/Assistance menu. Select the sub-folder to access those settings.

CLOCK

The Clock menu provides settings related to the vehicle's clock. The settings include options to sync the clock with the GPS, change the clock to a 12 hour or 24 hour format, and adjust the date.

PHONE/BLUETOOTH®

The Phone/Bluetooth® menu provides settings related to Bluetooth® devices paired to the vehicle. The Device Manager can be accessed from this menu and from it, a Bluetooth® device can be paired to the vehicle. These settings include options for activating do not disturb and enabling the use of two phones with the system.

VOICE

The Voice menu provides settings for the vehicle's Voice Recognition system. The settings include options related to changing the system's response voice, changing the vehicle Wake Up word, and the ability to interrupt a voice recognition session.

NAVIGATION

The Navigation button provides settings related to the vehicle’s built-in navigation system. These settings provide options to change the icons displayed on the map, how “time to arrival" is calculated, and route types.

For more information on Navigation and settings, refer to your Uconnect Radio Instruction Manual.

CAMERA

The Camera menu provides settings related to the on-vehicle camera systems. These settings include options to adjust camera delay times and the presence of camera guidelines.

MIRRORS & WIPERS

The Mirrors & Wipers menu provides settings related to mirror and wiper behavior. These setting include options for when wipers automatically activate, if the headlights come on when wipers are active, and how power mirrors may behave.

LIGHTS

The Lights menu provides settings related to the vehicle’s interior and exterior lights. These setting include options related to the brightness of the interior lights, the amount of time it takes for the headlights to deactivate, and flashing the lights when the vehicle is locked.

BRAKES

The Brakes menu provides settings related to the vehicle’s brake system. These settings include options for activating or deactivating the auto park brake or setting the brakes for vehicle service.

DOORS & LOCKS

The Doors & Locks menu provides setting related to the vehicle's doors and how the lock/unlock systems will behave. These settings will include options related to the lights flashing or the horn sounding when the vehicle is locked, activation of the passive entry system, and the number of presses on the key fob Unlock button to unlock all the doors.

SEATS & COMFORT

The Seats & Comfort menu provides settings related to seat comfort features. The settings may include options for automatically activating the driver heated heats or steering wheel.

KEY OFF OPTIONS

The Key Off Options menu provides settings related to vehicle shut off and will only activate when the vehicle is OFF. These settings include options on how long the headlights will take to deactivate, how long the radio will take to turn off, and if the radio will turn off after the doors are opened.

AUDIO

The Audio menu provides settings related to the vehicle's sound system. These settings can change the audio location within the vehicle, adjust the bass or treble levels, and auto-play settings from an audio device or smartphone.

For more information on audio settings, refer to your Uconnect Radio Instruction Manual.

NOTIFICATIONS

The Notifications menu provides settings related to displayed notifications for the system. These setting include options for the notification sounds and the type of notifications that will display.

SIRIUSXM® SETUP

The SiriusXM® Setup menu provides settings related to SiriusXM® Satellite Radio. These settings includes options used to skip specific radio channels and restart favorite songs from the beginning.

SOFTWARE UPDATES

The Software Updates menu provides settings related to updating the Uconnect software. Downloading software updates to the Uconnect system over Wifi can be activated or deactivated.

SYSTEM INFORMATION

The System Information menu provides information on Uconnect system versions and licensing.

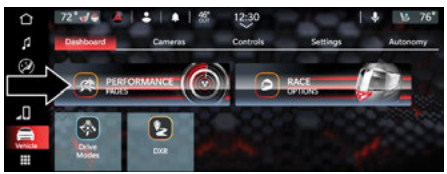
RESET

The Reset menu provides settings related to resetting the Uconnect system back to its default settings. These settings can clear personal data, reset selected settings from other menus, and restart the radio.

PERFORMANCE PAGES

PERFORMANCE PAGES — EV MODELS

Performance Pages is an application that provides a display for performance indicators, as received from the instrument cluster, that will help you gain familiarity with the capabilities of your vehicle in real time.



Performance Pages

To access the Performance Pages, press the Apps button on the touchscreen then press the Performance Pages button on the touchscreen. Press the desired button on the touchscreen to access that specific Performance Page.

WARNING!
Measurement of vehicle statistics with the Performance Pages is intended for off-highway or off-road use only and should not be done on any public roadways. It is recommended that these features be used in a controlled environment and within the limits of the law. The capabilities of the vehicle as measured by the Performance Pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user's safety or the safety of others. Only a safe, attentive, and skillful driver can prevent accidents.

The Performance Pages include the following:

- Timers
- Gauges
- G-Force
- Propulsion
- Dynamics

If a USB drive is installed in the media hub, press the Camera icon on the top right of the touchscreen when using Performance Pages. A screen shot of the page will be taken and saved onto the USB.

The following describes each feature and its operation:

Timers

Performance Pages — Timers

When the Timers Page is selected, you will be able to select the Drag or Accel & Braking tabs. The following will be displayed:

- **Recent**

  The most recent successful run of performance timers. If a run does not complete within the timers limit, or is aborted, the values shown will revert to the most recent valid run.

- **Last**

  The last recorded successful run of performance timers.

- **Best**

  The best recorded run of performance timers, except for braking data.

- **Save**

  Pressing the Save button will let you save the visible page, Recent/Last/Best. Any saved run over 10 will overwrite the last saved run for Uconnect system storage.

NOTE:
Pressing the Camera button in the upper right corner of the screen at any time will save a screenshot of the screen currently being viewed to the connected USB device.

- With a USB jump drive installed, press the USB button to save to the jump drive.
- Press the Uconnect button to save the runs to the Owner's web page.

  NOTE:
  Uconnect option will be grayed out or missing if the vehicle does not have a valid Uconnect account associated with it.

- Press the Cancel button to return to the Timers page.

The tabs on the Timers page contain the timers listed:

- **Reaction Time**

  Measures the driver's reaction time for launching the vehicle against a simulated drag strip timing light (behavior modeled after 500 Sportsman Tree) displayed in the instrument cluster display.

  NOTE:
  Drag timers (RT, 60 ft [20 m], 330 ft [100 m], 1/8 mile [200 m], 1000 ft [300 m], and 1/4 mile [400 m]).

  NOTE:
  Accel & Braking timers (0-60 mph [0-100 km/h], 0-100 mph [0-160 km/h], Brake from mph [km/h], and Brake Distance ft [meters]).

- **60 ft (20 m) ET**

  Displays the time it takes the vehicle to go 60 feet (20 m).

- **330 ft (100 m) ET**

  Displays the time it takes the vehicle to go 330 feet (100 m).

- **⅛ mile (200 m) ET**

  Displays the time it takes for the vehicle to go ⅛ mile (200 m).

- **⅛ mile (200 m) Speed**

  Displays the vehicle speed at the time ⅛ mile (200 m) was reached.

- **1000 ft (300 m) ET**

  Displays the time it takes the vehicle to go 1000 ft (300 m).

- **¼ mile (400 m) ET**

  Displays the time it takes for the vehicle to go ¼ mile (400 m).

- **¼ mile (400 m) Speed**

  Displays the speed the vehicle was at when ¼ mile (400 m) was reached.

Gauges

Performance Pages — Gauges

When selected, this screen displays the following values:

- Battery Level
- Battery Voltage
- Battery Temp
- Front Motor Temp — If Equipped
- Rear Motor Temp — If Equipped
- Front Motor Power — If Equipped
- Rear Motor Power — If Equipped
- Front Motor Torque — If Equipped
- Rear Motor Torque — If Equipped
- Wheel Slip

If a gauge is selected, the Gauge Detail View page will appear on the screen. This page shows gauge values for the previous two minutes on the selected gauge.

Pressing the up and down arrows will cycle through the details for each of the gauges. Pressing the minimize button above the graph will return to the gauge menu.

G-Force

Performance Pages — G-Force

When selected, this screen displays all four G-Force values as well as steering angle.

When G-Force is selected, the following features will be available:

- **Vehicle Speed:**

  Measures the current speed of the vehicle in either mph or km/h, starting at zero with no maximum value.

- **Front G-Force:**

  Measures the peak braking force on the front of the vehicle.

- **Right G-Force:**

  Measures the peak force on the right side of the vehicle.

- **Left G-Force:**

  Measures the peak force on the left side of the vehicle.

- **Rear G-Force:**

  Measures the peak acceleration force on the rear of the vehicle.

  NOTE:
  Front, Right, Left, and Rear G-Forces are all peak values. These readings can be reset by clearing peak G-Force on the instrument cluster.

- **Steering Wheel Angle**

  Steering Wheel Angle utilizes the steering angle sensor to measure the degree of the steering wheel relative to zero (straight ahead) reference angle. The zero degree reference angle measurement indicates a steering wheel straight ahead position.

The friction circle display shows instantaneous G-Force as a highlight and previous G-Force as dots within the circle. The system records previous G-Force for three minutes. If there are multiple samples at a given point, the color of the dot will darken from blue to red. Vectors more frequent will show in red; infrequent vectors will show in blue.

NOTE:
Selecting the info icon in the top right corner will display more information about the G-Force tab. This page will only pop up if the vehicle is not in motion.

Propulsion

Performance Pages — Propulsion

The Propulsion page of the Performance Pages App will display information related to the vehicles power, torque, and speed in the form of a line graph in real time.

The top graph will showcase both the Power and Torque, while the bottom graph will showcase the vehicles speed.

NOTE:
The play/stop button can be found in the top left corner of the graph. When stop is selected the graph will freeze the graph from recording more information. selecting the play button will reset the graph clearing the previous trials information.

Dynamics

Performance Pages — Dynamics

The Dyanamics page of the Performance Pages App will display information about the vehicle's steering angle.

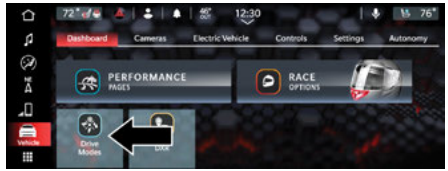
Drive Modes — EV Models

Home Screen

Your vehicle may be equipped with Drive Modes. Using Drive Modes allows you to change how the vehicle handles in certain conditions. The available selections are Drag (if equipped), Track (if equipped), Sport, Auto, Wet/Snow, and Custom (if equipped). With Custom, you can adjust the available options as needed.

To access Drive Modes:

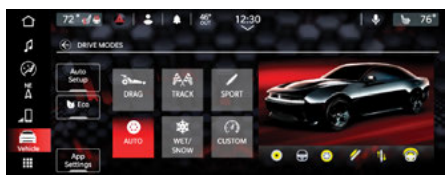
1. Press the Vehicle button on the Uconnect screen.
2. Select the Drive Modes tab.



Entering Drive Modes

On the Drive Modes screen, you can make the following selections.

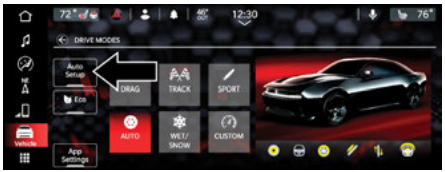
- Mode Setup: The Mode name will change depending on which one is selected. Pressing this button will display a screen with the individual subsystem selections. Custom will provide the most freedom in the selections, whereas the preset Drive Modes will provide less.
- Eco Buttons: The Eco button will appear when the vehicle is in Auto Mode and place the vehicle in Auto - Eco Mode
- App Settings: The App Settings button will redirect to the Uconnect Settings, EV Sounds submenu, where Display Sync, Sound Generator, and EV Sound Type can be adjusted.



Drive Mode Home Screen

The six Drive Modes can be selected from the touchscreen. They will change the global drive mode of the vehicle. When switching modes, the subsystem displayed on the bottom right of the screen will change color to indicate their status. From left to right, the symbols represent Propulsion, Paddles, Traction, Suspension, and Steering.

DRIVE MODE SET-UP



Drive Mode Set-Up

Pressing the Mode Setup button on the touchscreen will display a selection of the real time status of the subsystems. Depending on the current Drive Mode selected, allows the driver to configure their individual performance control and see how those configurations affect the performance of the vehicle.

Configure Screen

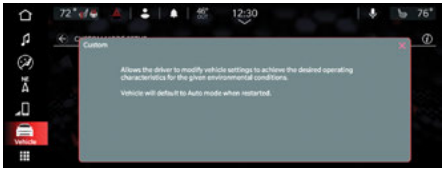
Available Mode Configurations

Drive Modes	Propulsion	Paddles	Traction	Suspension	Steering
DRAG - If Equipped	Drag*	On*	Drag*	Drag*	Track*
	Sport	Off	Sport	Sport	Sport
	Street		Street	Street	Street
TRACK - If Equipped	Track*	On*	Track*	Track*	Track*
	Sport	Off	Sport	Sport	Sport
	Street		Street	Street	Street

Drive Modes	Propulsion	Paddles	Traction	Suspension	Steering
SPORT	Track	On*	Track	Track	Track
	Sport*	Off	Sport*	Sport*	Sport*
	Street		Street	Street	Street
AUTO	Track	On*	Track	Track	Track
	Sport	Off	Sport	Sport	Sport
	Street*		Street*	Street*	Street*
AUTO + ECO	Track	On	Track	Track	Track
	Sport	Off - Eco*	Sport	Sport	Sport
	Eco*		Street*	Street*	Street*
WET/SNOW	Track	On	Track	Track	Track
	Sport	Off - Eco*	Sport	Sport	Sport
	Eco*		Wet/Snow	Street*	Street
CUSTOM	Track	On*	Track	Track	Track
	Sport	Off	Sport	Sport	Sport
	Street*		Street*	Street*	Street*

NOTE:
The * next to the setting name indicates the default for that Drive Mode.

Press the "i" button in the upper right hand corner to view more information about the current Mode. To see more information of the specific subsystem, press on the name of the subsystem (ie. Traction).



Info Screen

SUBSYSTEM INFO SCREENS

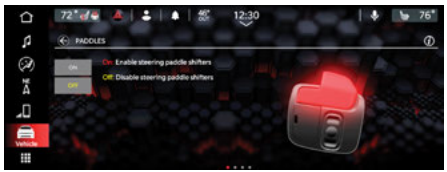
The Subsystem Info screens can be accessed by selecting the desired subsystem on the Mode Setup screen or by swiping left or right when on a Subsystem Info screen.

Propulsion

Propulsion

- **TRACK:** Press the Track button on the touchscreen for a track inspired throttle response and a higher power output.
- **SPORT:** Press the Sport button on the touchscreen for a sport tuned throttle response and power output.
- **STREET:** Press the Street button on the touchscreen for a balance comfort and economy.
- **DRAG:** Press the Drag button on the touchscreen for an aggressive throttle response with maximum power output and acceleration.
- **ECO:** Press the Eco button on the touchscreen to reduce throttle response and output for maximum vehicle range.

Paddles



Paddles

- **ON:** Press the On button on the touchscreen to enable steering wheel Paddle Shifters.
- **OFF:** Press the Off button on the touchscreen to disable steering wheel Paddle Shifters.

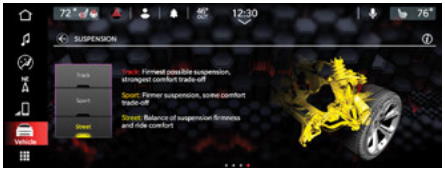
Traction

Traction Control

- **DRAG:** Press the Drag button on the touchscreen for optimized traction control for drag racing.
- **TRACK:** Press the Track button on the touchscreen to provide minimal traction control and stability control.
- **SPORT:** Press the Sport button on the touchscreen to provide reduced traction control and stability control.

- **STREET:** Press the Street button on the touchscreen to provide full traction control and stability control.
- **WET/SNOW:** Press the Wet/Snow button on the touchscreen to provide traction control and stability control for slippery conditions.

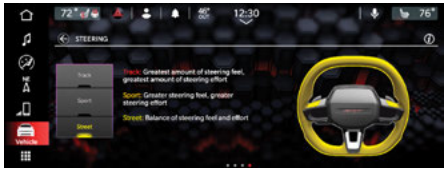
Suspension – If Equipped



Suspension

- **DRAG:** Press the Drag button on the touchscreen for the best weight transfer and launch traction.
- **TRACK:** Press the Track button on the touchscreen to provide firmest possible suspension and the strongest comfort trade-off.
- **SPORT:** Press the Sport button on the touchscreen to provide a firmer suspension and some comfort trade-off.
- **STREET:** Press the Street button on the touchscreen to provide a balance of suspension firmness and ride comfort.

Steering



Steering

- **TRACK:** Press the Track button on the touchscreen to provide the greatest amount of steering feel and steering effort.
- **SPORT:** Press the Sport button on the touchscreen to provide an increased amount of steering feel, requiring a higher amount of steering effort.
- **STREET:** Press the Street button on the touchscreen to provide a lower steering effort.

Race Options — EV Models

Accessing Race Options

This vehicle is equipped with Race Options, which provide settings for when using the vehicle on a track.

To access Race Options:

1. Select Vehicle Mode button on the touchscreen.
2. Select the Dashboard tab.
3. Select Race Options from the menu.

Line Lock — If Equipped

The Line Lock tab will activate Line Lock on the vehicle. Line Lock is designed to hold the front brakes, allowing you to lock the front wheels while keeping the rear wheels free. This is particularly useful for burnouts and launching your vehicle with precision. Press the button of the left side of the screen to activate Line Lock.

Launch Control — If Equipped

WARNING!
Launch Control is intended for off-highway or off-road use only and should not be used on any public roadways. It is recommended that this feature be used in a controlled environment, and within the limits of the law. The capabilities of the vehicle as measured by the performance pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user's safety or the safety of others. Only a safe, attentive, and skillful driver can prevent accidents.

The Launch Control system is designed to allow the driver to achieve maximum vehicle acceleration in a straight line. Launch Control is a form of traction control that manages tire slip while launching the vehicle. This feature is intended for use during race events on a closed course. The system is not intended to compensate for lack of driver experience or familiarity with the race track. Use of this feature in low traction (cold, wet, gravel, etc.) conditions may results in excess wheel slip outside this systems control resulting in an aborted launch.

The Launch Control chart will show the total time it took to achieve maximum torque. The times are broken out based on the Launch Control Intensity selected.

Launch Control is only available when the following procedure is followed:

1. Press the Race Options tab on the touchscreen and then select the Launch Control tab.
2. Adjust your desired launch intensity from Max to Min. Max will provide the greatest intensity when the vehicle launches. Min will provide the lowest intensity when the vehicle launches.
3. Press the Activate Launch Control button on the touchscreen; follow instructions on the instrument cluster display.
   - Make sure the vehicle is not moving.
   - Put vehicle in first gear or Drive.
   - Steering wheel must be centered with tires pointing forward.
   - Vehicle must be on level ground.
   - Apply brake pressure.
   - While holding the brake, rapidly apply and hold the accelerator pedal to wide open throttle.

NOTE:

Messages will appear in the instrument cluster display to inform the driver if one or more of the conditions have not been met.

Launch Control will abort before launch completion and will display “Launch Aborted” in the cluster under any the following conditions:

- The accelerator pedal is released during launch.
- The ESC system detects that the vehicle is no longer moving in a straight line.
- The ESC Off button is pressed to change the system to another mode.

Donut Mode — If Equipped

Press the Activate Donut Mode button to set the vehicle to easily do donuts in a suitable environment. Donut Mode provides limited throttle response to help control the vehicle.

Traction: Allows the least amount of traction control intervention and ESC off to allow the most slip.

Suspension: Valving is softer in the front and more restricted in the rear. This enhances the front axle grip while reducing grip on the rear axle.

Steering: Provides the greatest amount of assist, decreasing steering effort. Cannot be customized.

Drift Mode — If Equipped

Press the Activate Drift Mode button to set the vehicle to more easily drift. Drift Mode provides limited throttle response to help control the vehicle.

Drift Minimum Traction: Allows traction control intervention with ESC off to allow some slips.

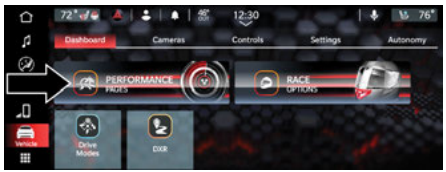
Drift Maximum Traction: Allows less traction control intervention with ESC off to allow for more slips.

Suspension: Valving is softer in the front and more restricted in the rear. This enhances the front axle grip while reducing grip on the rear axle.

Steering: Provides the greatest amount of assist, decreasing steering effort. Cannot be customized.

Performance Pages — Gas Models

Performance Pages is an application that provides a display for performance indicators, as received from the instrument cluster, that will help you gain familiarity with the capabilities of your vehicle in real time.



Performance Pages

To access the Performance Pages:

1. Press the Vehicle button on the Uconnect screen.
2. Select the Performance Pages tab.

WARNING!
Measurement of vehicle statistics with the Performance Pages is intended for off-highway or off-road use only and should not be done on any public roadways. It is recommended that these features be used in a controlled environment and within the limits of the law. The capabilities of the vehicle as measured by the Performance Pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user’s safety or the safety of

(Continued)

WARNING!
others. Only a safe, attentive, and skillful driver can prevent accidents.

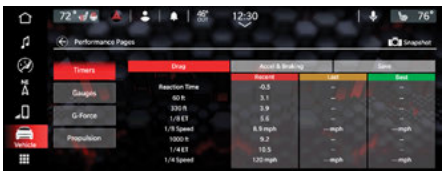
The Performance Pages include the following:

- Timers
- Gauges
- G-Force
- Propulsion
- Dynamics

If a USB drive is installed in the media hub, press the Camera icon on the top right of the touchscreen when using Performance Pages. A watermark will appear for 0.2 seconds then return to the previous page. A screen shot of the page will be taken and saved onto the USB, the watermark will not be included in the image.

The following describes each feature and its operation:

Timers



Performance Pages — Timers

When the Timers Page is selected, you will be able to select the Drag or Accel & Braking tabs. The following will be displayed:

- **Recent**

  The most recent successful run of performance timers. If a run does not complete within the timers limit, or is aborted, the values shown will revert to the most recent valid run.

- **Last**

  The last recorded successful run of performance timers.

- **Best**

  The best recorded run of performance timers, except for braking data.

- **Save**

  If a USB drive is installed in the media hub, pressing the Save button will let you save the visible page, Recent/Last/Best. Any saved run over 10 (not counting any saved on a USB drive) will overwrite the last saved run for Uconnect system storage.

NOTE:
Pressing the Snapshot button in the upper right corner of the screen at any time will save a screenshot of the screen currently being viewed to the connected USB device.

- With a USB jump drive installed, press the USB button to save to the jump drive.
- Press the Uconnect button to save the runs to the Owner's web page.

  NOTE:
  Uconnect option will be grayed out or missing if the vehicle does not have a valid Uconnect account associated with it.

- Press the Cancel button to return to the Timers page.

The tabs on the Timers page contain the timers listed:

- **Reaction Time**

  Measures the driver's reaction time for launching the vehicle against a simulated drag strip timing light (behavior modeled after 500 Sportsman Tree) displayed in the instrument cluster display.

  NOTE:
  Drag timers (RT, 60 ft [20 m], 330 ft [100 m], 1/8 mile [200 m], 1000 ft [300 m], and 1/4 mile [400 m]).

  NOTE:
  Accel & Braking timers (0-60 mph [0-100 km/h], 0-100 mph [0-160 km/h], Brake from mph [km/h], and Brake Distance ft [meters]).

- **60 ft (20 m) ET**

  Displays the time it takes the vehicle to go 60 feet (20 m).

- **330 ft (100 m) ET**

  Displays the time it takes the vehicle to go 330 feet (100 m).

- **⅛ mile (200 m) ET**

  Displays the time it takes for the vehicle to go ⅛ mile (200 m).

- **⅛ mile (200 m) Speed**

  Displays the vehicle speed at the time ⅛ mile (200 m) was reached.

- **1000 ft (300 m) ET**

  Displays the time it takes the vehicle to go 1000 ft (300 m).

- **¼ mile (400 m) ET**

  Displays the time it takes for the vehicle to go ¼ mile (400 m).

- **¼ mile (400 m) Speed**

  Displays the speed the vehicle was at when ¼ mile (400 m) was reached.

Gauges

Performance Pages — Gauges

When selected, this screen displays the following values:

- Battery Voltage
- Coolant Temperature
- Engine Oil Pressure
- Engine Oil Temperature
- Intake Air Temperature
- I/c Coolant Temperature
- Boost Pressure
- Transmission Oil Temperature
- Air-Fuel Ratio
- Engine Power
- Engine Torque
- Wheel Slip

If a gauge is selected, the Gauge Detail View page will appear on the screen. This page shows gauge values for the previous two minutes on the selected gauge.

Pressing the up and down arrows will cycle through the details for each of the gauges. Pressing the minimize button above the graph will return to the gauge menu.

G-Force

Performance Pages — G-Force

When selected, this screen displays all four G-Force values as well as steering angle.

When G-Force is selected, the following features will be available:

- **Vehicle Speed:**

  Measures the current speed of the vehicle in either mph or km/h, starting at zero with no maximum value.

- **Front G-Force:**

  Measures the peak braking force on the front of the vehicle.

- **Right G-Force:**

  Measures the peak force on the right side of the vehicle.

- **Left G-Force:**

  Measures the peak force on the left side of the vehicle.

- **Rear G-Force:**

  Measures the peak acceleration force on the rear of the vehicle.

  NOTE:
  Front, Right, Left, and Rear G-Forces are all peak values. These readings can be reset by clearing peak G-Force on the instrument cluster.

- **Steering Wheel Angle**

  Steering Wheel Angle utilizes the steering angle sensor to measure the degree of the steering wheel relative to zero (straight ahead) reference angle. The zero degree reference angle measurement indicates a steering wheel straight ahead position.

The friction circle display shows instantaneous G-Force as a highlight and previous G-Force as dots within the circle. The system records previous G-Force for three

minutes. If there are multiple samples at a given point, the color of the dot will darken from blue to red. Vectors more frequent will show in red; infrequent vectors will show in blue.

NOTE:

Selecting the info icon in the top right corner will display more information about the G-Force tab. This page will only pop up if the vehicle is not in motion.

Propulsion

Performance Pages — Propulsion

The Propulsion Page of the Performance Pages App will display information related to the vehicles power, torque, and speed in the form of a line graph in real time.

The top graph will showcase both the Power and Torque, while the bottom graph will showcase the vehicles speed. The "plus" and "minus" buttons will allow the user to adjust the configured time, the options are 30, 60, 90, and 120 seconds.

NOTE:

The play/stop button can be found in the top left corner of the graph. When stop is selected the graph will freeze the graph from recording more information. selecting the play button will reset the graph clearing the previous trials information.

The arrow keys on the far right will allow the user to cycle between Dyno and Engine Pages. When in "Dyno" Page the upper arrow is greyed out and inactive, in "Engine" Page the bottom arrow is greyed out and inactive.

Engine Page will show:

- Current Engine Power: shown in the outer ring
- Current Engine Torque: shown in the middle ring
- Current Boost Pressure: shown in the inner ring
- Current Speed and Current Gear
- Snapshot Button: capture current screen to send to an attached USB

Dynamics

Performance Pages — Dynamics

The Dyanamics page of the Performance Pages App will display information about the vehicle's steering angle.

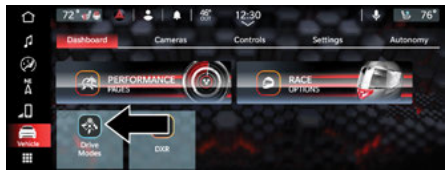
Drive Modes — Gas Models

Home Screen

Your vehicle may be equipped with Drive Modes. Using Drive Modes you can change how the vehicle handles in certain conditions. The available selections are Drag (if equipped), Track (if equipped), Sport, Auto, Wet/Snow, and Custom (if equipped). With Custom, you can adjust the available options as needed.

To access Drive Modes:

1. Press the Vehicle button on the Uconnect screen.
2. Select the Drive Modes tab.



Entering Drive Modes

On the Drive Modes screen, you can make the following selections.

- Mode Setup: The mode name will change depending on which one is selected. Pressing this button will display a screen with the individual subsystem selections. Custom will provide the most freedom in the selections, whereas the preset Drive Modes will provide less.

- RWD Button (Only in Sport or Track): The RWD button will turn on the rear wheel drive function of the vehicle.
- App Settings: The App Setting button will redirect to the Enhanced Display Sync settings.

Drive Mode Home Screen

The six Drive Modes can be selected from the touchscreen. They will change the global drive mode of the vehicle. When switching modes, the subsystem displayed on the bottom right of the screen will change color to indicate their status. From left to right, the symbols represent Propulsion, Paddles, Traction, Suspension, and Steering.

DRIVE MODE SET-UP

Drive Mode Set-Up

Pressing the Mode Setup button on the touchscreen will display a selection of the real time status of the subsystems. Depending on the current Drive Mode selected, allows the driver to configure their individual performance control and see how those configurations affect the performance of the vehicle.

Configure Screen

Available Mode Configurations

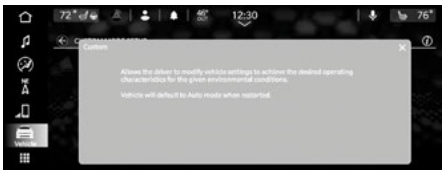
Drive Modes	Propulsion	Paddles	Traction	Suspension	Steering
DRAG - If Equipped	Drag*	On*	Drag*	Drag*	Track*
	Sport	Off	Sport	Sport	Sport
	Street		Street	Street	Street
TRACK - If Equipped	Track*	On*	Track*	Track*	Track*
	Sport	Off	Sport	Sport	Sport
	Street		Street	Street	Street

Drive Modes	Propulsion	Paddles	Traction	Suspension	Steering
SPORT	Track	On*	Track	Track	Track
	Sport*	Off	Sport*	Sport*	Sport*
	Street		Street	Street	Street
AUTO	Track	On*	Track	Track	Track
	Sport	Off	Sport	Sport	Sport
	Street*		Street*	Street*	Street*
AUTO + ECO	Track	On	Track	Track	Track
	Sport	Off - Eco*	Sport	Sport	Sport
	Eco*		Street*	Street*	Street*
WET/SNOW	Track	On	Track	Track	Track
	Sport	Off - Eco*	Sport	Sport	Sport
	Eco*		Wet/Snow*	Street*	Street*
CUSTOM	Track	On*	Track	Track	Track
	Sport	Off	Sport	Sport	Sport
	Street*		Street*	Street*	Street*

Drive Modes	Propulsion	Paddles	Traction	Suspension	Steering
NOTE: The * next to the setting name indicates the default for that Drive Mode.					

When in Sport or Track Mode, the "Eco" button will be replaced with a Rear Wheel Drive (RWD) button. Selecting the RWD button will turn the Rear Wheel Drive function on and off.

Press the "i" button in the upper right hand corner to view more information about the current Mode. To see more information of the specific subsystem, press on the name of the subsystem (ie. Traction).

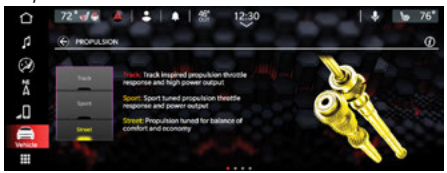


Info Screen

SUBSYSTEM INFO SCREENS

The Subsystem Info screens can be accessed by selecting the desired subsystem on the Mode Setup screen or by swipping left or right when on a Subsystem Info screen.

Propulsion



Propulsion

- **TRACK:** Press the Track button on the touchscreen for a track inspired throttle response and a higher power output.
- **SPORT:** Press the Sport button on the touchscreen for a sport tuned throttle response and power output.
- **STREET:** Press the Street button on the touchscreen for a balance comfort and economy.
- **DRAG:** Press the Drag button on the touchscreen for an aggressive throttle response with maximum power output and acceleration.
- **ECO:** Press the Eco button on the touchscreen to reduce throttle response and output for maximum vehicle range.

Paddles

Paddles

- **ON:** Press the On button on the touchscreen to enable steering wheel Paddle Shifters.
- **OFF:** Press the Off button on the touchscreen to disable steering wheel Paddle Shifters.

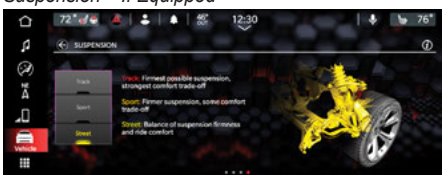
Traction

Traction Control

- **DRAG:** Press the Drag button on the touchscreen for optimized traction control for drag racing.

- **TRACK:** Press the Track button on the touchscreen to provide minimal traction control and stability control.
- **SPORT:** Press the Sport button on the touchscreen to provide reduced traction control and stability control.
- **STREET:** Press the Street button on the touchscreen to provide full traction control and stability control.
- **WET/SNOW:** Press the Wt/Snow button on the touchscreen to provide traction control and stability control for slippery conditions.

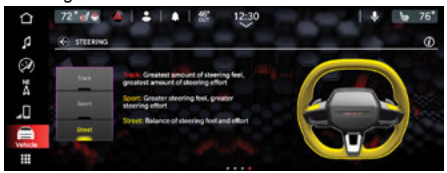
Suspension – If Equipped



Suspension

- **DRAG:** Press the Drag button on the touchscreen for the best weight transfer and launch traction.
- **TRACK:** Press the Track button on the touchscreen to provide firmest possible suspension and the strongest comfort trade-off.
- **SPORT:** Press the Sport button on the touchscreen to provide a firmer suspension and some comfort trade-off.
- **STREET:** Press the Street button on the touchscreen to provide a balance of suspension firmness and ride comfort.

Steering



Steering

- **TRACK:** Press the Track button on the touchscreen to provide the greatest amount of steering feel and steering effort.
- **SPORT:** Press the Sport button on the touchscreen to provide an increased amount of steering feel, requiring a higher amount of steering effort.
- **STREET:** Press the Street button on the touchscreen to provide a lower steering effort.

Race Options — Gas Models

Accessing Race Options

This vehicle is equipped with Race Options, which provide settings for when using the vehicle on a track.

Entering Race Options

To access Race Options:

1. Select Vehicle Mode button on the touchscreen.
2. Select the Dashboard tab.
3. Select Race Options from the menu.

RACE PREP

The Race Prep screen display the current vehicle conditions before a race and allows you to cool the engine between runs while the engine is off.

The chart will display the I/C Coolant Temperature range from the target temperature to the ambient temperature. The graph will show the current temperature and where it falls between the two points.

Press the Activate Race Prep button to start this feature. It can be canceled at any time by pressing the Cancel Race Prep button. If any parameters are not optimal of the system, they will display in the orange. Green means all systems are working optimally. The systems displayed are as follows:

- System Status
- Thermal Conditioning
- Engine Off

- Hood Ajar
- Battery Status

LINE LOCK

The Line Lock tab will activate Line Lock on the vehicle. Line Lock is designed to hold the front brakes, allowing you to lock the front wheels while keeping the rear wheels free. This is particularly useful for burnouts and launching your vehicle with precision. Press the button of the left side of the screen to activate Line Lock.

Line Lock

LAUNCH CONTROL

WARNING!
Launch Control is intended for off-highway or off-road use only and should not be used on any public roadways. It is recommended that this feature be used in a controlled environment, and within the limits of the law. The capabilities of the vehicle as measured by the performance pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user's safety or the safety of others. Only a safe, attentive, and skillful driver can prevent accidents.

The Launch Control system is designed to allow the driver to achieve maximum vehicle acceleration in a straight line. Launch Control is a form of traction control that manages tire slip while launching the vehicle. This feature is intended for use during race events on a closed course. The system is not intended to compensate for lack of driver experience or familiarity with the race track. Use of this feature in low traction (cold, wet, gravel, etc.) conditions may results in excess wheel slip outside this systems control resulting in an aborted launch.

The Launch selector will shows intended launch RPM. The times are broken out based on the Launch Control Intensity selected.

NOTE:
RPMs should be selected based upon track and optimum race condition. On a prepared track, with drag radials, and optimum elevation, temperature, humidity, and barometer, select higher RPMs. On less than optimum surfaces and conditions, select lower RPMs.

Launch Control

Launch Control is only available when the following procedure is followed:

1. Press the Race Options tab on the touchscreen and then select the Launch Control tab.
2. Adjust The Launch RPM slider to the desired value. When sliding up or down, the slider will display in steps of 250 RPM. The RPM value is only showed when moving the slider.

RPM Slider

3. Press the Activate Launch Control button on the touchscreen; follow instructions on the instrument cluster display.
   - Make sure the vehicle is not moving.
   - Put vehicle in first gear or Drive.
   - Steering wheel must be centered with tires pointing forward.
   - Vehicle must be on level ground.
   - Apply brake pressure.
   - While holding the brake, rapidly apply and hold the accelerator pedal to wide open throttle.

NOTE:
Messages will appear in the instrument cluster display to inform the driver if one or more of the conditions have not been met.

Launch Control will abort before launch completion and will display “Launch Aborted” in the cluster under any the following conditions:

- The accelerator pedal is released during launch.
- The ESC system detects that the vehicle is no longer moving in a straight line.
- The ESC Off button is pressed to change the system to another mode.

Drive Mode Performance Tables

R/T Performance Tables

R/T Performance Table			
All Drive Modes	Base Horsepower	Launch Control	PowerShot (EV Only)
	496	536	536

Scat Pack Performance Tables

Drive Mode Performance Table					
Drive Mode	Horsepower	Front/Rear Bias	Paddle Shifters	Regen Level	Fratzonic Level
Auto/Street	630	0/100 to 50/50	On	.1g	Low
Auto + Eco	300	0/100	Off	.1g	Low
Wet/Snow	300	50/50	Off	.1g	Low
Sport	630	0/100 to 50/50	On	.2g	Medium
Track	630	0/100 to 50/50	On	.3g	High
Drag	670	50/50	On	.3g	High

Launch Control Performance Table				
Launch Control Feature	Horsepower	Front/Rear Bias	Paddle Shifters	Fratzonic Level
Launch Control	670	50/50	Off	High
Drift Minimum	355	0/100	Off	High
Drift Maximum	355	0/100	Off	High
Donut	355	0/100	Off	High
PowerShot (EV Only)	670	N/A	N/A	High

Valet Mode Table				
Valet Mode	Horsepower	Front/Rear Bias	Paddle Shifters	Fratzonic Level
Valet	300	50/50	Off	Low

Gasoline Engine Performance Tables

Drive Mode Performance Table		
Drive Mode	Horsepower	Paddle Shifters
Auto/Street	550	On
Auto + Eco	300	Off
Wet/Snow	300	Off
Sport (High Output)	550	On
Sport RWD (High Output)	550	On
Track (High Output)	550	On
Track RWD (High Output)	550	On
Drag (High Output)	550	On

Launch Control Performance Table		
Launch Control Feature	Horsepower	Paddle Shifters
Launch Control	550	On
Line Lock	550	On

Valet Mode Table		
Valet Mode	Horsepower	Paddle Shifters
Valet	300	Off

Drive eXperience Recorder (DXR)

Description

The Drive eXperience Recorder (DXR) system synchronizes audio, video, and vehicle data to record the vehicle's usage on standard roads or on a track. It includes the following features:

- a Dash Cam with automatic or manual activation,
- a high resolution, forward facing camera,
- a microphone for audio recording,
- a USB port to store the data,
- in-vehicle playback,
- performance evaluation tools.

USB Formatting

To record DXR information and videos onto a USB device, the USB must be in exFAT format. This must be performed on a computer. To format the USB:

1. Plug the USB device into a computer.
2. Open the File Explorer and locate the drive.
3. Right-click on the USB device and choose "Format".
4. Change the File system to exFAT.
5. Click "Start".

If the USB is not formatted properly or damaged, the following errors will display on the screen:

- Unable To Use This Storage Device. Try a different storage device.
- Read-Only Storage. Storage device is write-protected. To record, remove write protection or insert a different storage device.
- External storage is corrupt or damaged. Please reinsert or reformat the device.

DXR USB In Center Console

Starting The DXR App

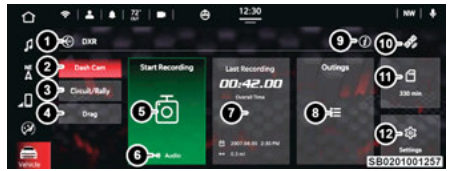
There are two ways to start the DXR application: via the Uconnect system upper status bar.

To access the DXR App:

1. Drag down the Uconnect upper status bar.
2. Select DXR from the list of apps.

The DXR app can be dragged into the upper status bar presets. Press and hold the DXR app, then drag it onto one of the preset spots. It will replace any previous preset apps in that location.

Dash Cam Menu



Settings Menu

1 — Back
2 — Dash Cam Menu
3 — Circuit/Rally Menu
4 — Drag Menu
5 — Dash Cam Recording
6 — Audio On/Off For Recording
7 — Last Dash Cam Session
8 — Outings Menu
9 — More Information
10 — GPS Status
11 — Storage
12 — Settings Menu

ACTIVATING THE DASH CAM

Automatic Activation

If the automatic Dash Cam activation setting is set to "On', the Dash Cam will start when the vehicle is started. The Dash Cam screen will show the elapsed time for the current drive, and the Dash Cam will turn off when the vehicle is turned off. Depending on selected settings, audio will record and the data will be saved to the USB port.

Manual Activation Of The Dash Cam

On the Dash Cam page, select the "Start Recording" button to begin Dash Cam recording. The button will display that recording is in process. The Dash Cam screen will show the elapsed time for the current drive, and the Dash Cam will turn off when the vehicle is turned off. Depending on selected settings, audio will record, and the data will be saved to the USB port.

The Dash Cam can also be manually activated from the Uconnect upper status bar if the DXR Camera icon set to the preset bar. The Dash Cam icon will display the following status:

Recording Unavailable

Recording Possible

Recording In Process

Circuit/Rally Menu

Circuit/Rally Menu

1 — Circuit/Rally Menu
2 — Go Race Menu
3 — Current Selected Track/Select Track Menu
4 — Last Race Session Time/Date

The Circuit/Rally Menu provides options to record track data. The system is capable of differentiating between circuits and rallys and will record race times based upon a set "starting point". These times can be compared to previous ones via the Outings menu. The system is also capable of learning custom tracks.

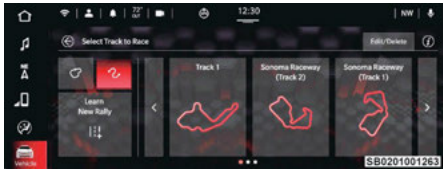
If no tracks are available, the system will prompt to learn or upload a new one.

SELECT TRACK MENU

Pressing on the Track button will open the Select Track Menu. This menu provides options for selecting between circuits or rallys. Any learned and saved tracks or tracks imported from the tracks database will be selectable. Tracks can be edited or deleted.

Selecting a track from the list will display it on the Circuit/Rally menu.

To create a custom track, select "Learn New Circuit" or "Learn New Rally".



Select Track Menu

LEARN NEW CIRCUIT/RALLY

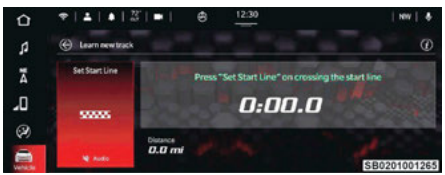
A custom track (Circuit or Rally) can be learned by the system. To begin, select the "Learn New Circuit" or "Learn New Rally" button. The naming of the button and learned track is dependent if circuit or rally is selected from the Select Track menu.

To "learn" a new circuit or rally:

1. Select "Learn".
2. Drive to the desired starting point, and select "Set Start Line" while crossing the start line.
3. For circuits, drive the track and press the "Stop" button when complete. The Track map will be saved as well as a recording of the mapping session.
4. For rallys, drive the track and press the "Set Finish Line" button when crossing the desired finish line. The Track map will be saved as well as a recording of the mapping session.
5. For continued mapping activity, drive the circuit or rally multiple times.

When a recording it complete, it is selectable from the Select Track menu.

Learn New Circuit/Rally



Setting Start Line

GO RACE MENU - CIRCUIT/RALLY

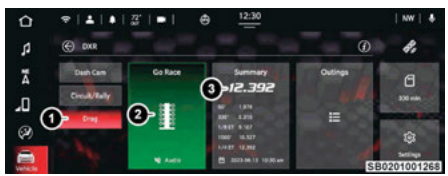
With a selected circuit or rally, press the "Go Race" button on the Circuit/Rally menu. To begin, drive to the start line of the track. When the vehicle leaves the start line, the recording will automatically start and provide real-time performance information. If it does not start, press Record. On a circuit, the system will continue to record lap times for each one completed. On a rally, the recording will stop when the vehicle crosses the set finish line.

A summary of the race is available on the Circuit/Rally menu by pressing the Outings button.

Circuit/Rally Race Menu - Session In Progress

Drag Menu

The Drag Menu provides a way analyze and record a 1/4 mile drag race experience. The system will record times for key differences. These times can be compared to previous ones.



Drag Menu

1 — Drag Menu
2 — Go Race Menu
3 — Last Race Session Time/Date

GO RACE MENU - DRAG RACE

Press the "Go Race" button on the Drag menu. To begin, drive to the staging area, and the recording will automatically start and provide real-time performance information. If it does not start, press Record. For a single session, the system will record times based on distance: 60 ft, 350 ft, 1/8 miles, 1000 ft, 1/4 mile.

Drag Race Menu - Session In Progress

Settings Menu

Settings Menu

DXR application can be personalized via the settings menu. Press "Settings" to access the menu.

- Dash Cam Recording Options
  - Automatic Recording - Automatically start the Dash Cam whenever the vehicle is started.
  - Valet Mode - Will turn off/on the Dash Cam when the vehicle is in Valet Mode. The setting defaults to off.
  - Recording Overwrite - Will overwrite the oldest Dash Cam outings when memory is full.

- Dash Cam Video Quality
  - High - 1080p
  - Medium - 720p
  - Low - 480p
- Competition Video Quality
  - High - 1080p
  - Medium - 720p
  - Low - 480p
- Audio Recording - For inside the vehicle
  - Allow Audio Recording
- Video Overlay
  - Track
  - Drag
  - None
- Software Information
- Firmware Update
  - Update - Install latest firmware

Outings Menu

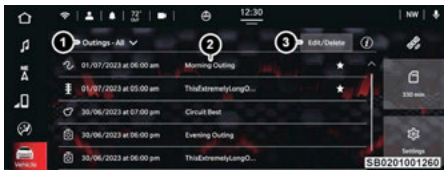
The Outings menu will display a list of recordings by the Dash Cam, either through automatic or manual activation or in relation to a circuit, rally, or drag race session. Each Outing can be selected to view information on that outing and playback the recording.

Selecting the filter drop down will display a series of filters for the outings. Only outings matching the filter criteria will display. The available filters are:

- All
- Favorites
- Circuit
- Dash Cam
- Drag

The "Pencil" provides a way to rename an outing.

The "Trash" icon provides a way to select and delete outings from the list. Outings can be deleted in bulk by selecting the box next to the outing after the "Trash" icon has been selected.



Outings Menu

1 — Filter Selection
2 — Outing Record
3 — Edit/Delete Buttons

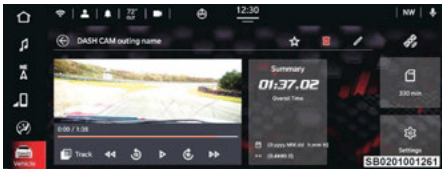
Outing Playback

Selecting an outing will display the Playback screen. Using the video controls, the playback video can be played or paused, rewound or fast forwarded, or moved forward or back by ten-second intervals.

The overlay on the playback video can be changed by pressing on the Overlay toggle to the left of the video controls.

Additional information shown on the Playback screen.

- Outing name, date/time, and outing Type (Dash, Circuit, Drag).
- A favorite, delete, and edit button.
- The elapsed time of the outing.



Playback Screen

STARTING AND OPERATING

STARTING PROCEDURE — GAS MODELS

AUTOMATIC TRANSMISSION

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

NOTE:

- This vehicle is equipped with a transmission shift interlocking system. The brake pedal must be pressed to shift out of PARK.
- If equipped with an 8-speed transmission, starting the vehicle in NEUTRAL is not possible unless the Manual Park Release has been activated.

AUTOPARK

AutoPark is a supplemental feature to assist with 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

(Continued)

WARNING!

your vehicle is in PARK by verifying that a solid (not blinking) “P” is indicated in the instrument cluster display and near 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 not in PARK
- Vehicle speed is 1.2 mph (1.9 km/h) or less

NOTE:

For Keyless Enter ‘n Go™ equipped vehicles, after 30 minutes the Start button cycles to OFF automatically, unless the driver turns the Start button 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 not in PARK
- Vehicle speed is 1.2 mph (1.9 km/h) or less
- Driver’s seat belt is unbuckled
- Driver’s door is ajar
- Brake pedal is not pressed

The message “**AutoPark Engaged Shift To P Then Shift To Gear**” will display in the instrument cluster.

NOTE:

In some cases the ParkSense graphic will be displayed in the instrument cluster, causing the “**AutoPark Engaged Shift To P Then Shift To Gear**” message to not be seen. In these cases, the gear selector must be returned to “P” to select desired gear.

If the driver shifts into PARK while moving, the vehicle may AutoPark.

AutoPark will engage **ONLY** when vehicle speed is 1.2 mph (1.9 km/h) or less.

The message “**Vehicle Speed Is Too High To Shift to P**” will be displayed in the instrument cluster if vehicle speed is above 1.2 mph (1.9 km/h).

WARNING!
If vehicle speed is above 1.2 mph (1.9 km/h), the transmission will default to NEUTRAL until the vehicle speed drops below 1.2 mph (1.9 km/h). A vehicle left in the NEUTRAL position can roll. As an added precaution, always apply the parking brake when exiting the vehicle.

Tip Start Feature — Gas Engine

Do not press the accelerator. Cycle the Start button briefly to the START position and release it. The starter motor will continue to run and will automatically disengage when the engine is running.

Normal Starting Using Start Button

To Start The Engine Using The Start Button

1. The gear selector must be in PARK.
2. Press and hold the brake pedal while pushing the Start button once.

Start Button

3. The system starts 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 Start button again.

To Turn Off The Engine Using The Start Button

1. Place the gear selector in PARK, then push and release the Start button. The Start button will return to the OFF position.
2. If the gear selector is not in PARK, the Start button must be held for two seconds or three short pushes in a row with the vehicle speed above 5 mph (8 km/h) before the engine will shut off. The Start button will remain on until the gear selector is in PARK and the button is cycled to the OFF position.
3. If the gear selector is not in PARK and the Start button is pushed once with the vehicle speed above 5 mph (8 km/h), the instrument cluster will display a "**Vehicle Not In Park**" message and the engine will remain running. Never leave a vehicle out of the PARK position, or it could roll.

NOTE:
If the gear selector is not in PARK, and the Start button is pushed once with the vehicle speed below 5 mph (8 km/h), the engine will shut off and the Start button will remain on. If vehicle speed drops below 1.2 mph (1.9 km/h), the vehicle may AutoPark ⇨ page 140.

Start Button Functions — Foot Off The Brake Pedal (In PARK Or NEUTRAL Position)

The Start button operates similar to an ignition switch. It has two positions: OFF, and ON/RUN. To change the Start button positions without starting the vehicle and use the accessories, follow these directions:

1. Start with the Start button in the OFF position.
2. Push the Start button once to place the button in the ON/RUN position.
3. Push the Start button a second time to place the button in the OFF position.

Extended Park Starting

NOTE:
Extended Park condition occurs when the vehicle has not been started or driven for at least 30 days.

1. Install a battery charger or jumper cables to the 12 Volt battery to ensure a full battery charge during the crank cycle.
2. Press and hold the brake pedal while pushing the Start button once.
3. If the engine fails to start within 10 seconds, wait 10 to 15 seconds to allow the starter to cool, then repeat the Extended Park Starting procedure.
4. If the engine fails to start after eight attempts, allow the starter to cool for at least 10 minutes, then repeat the Extended Park Starting procedure.

CAUTION!

To prevent damage to the starter, do not crank continuously for more than 10 seconds at a time. Wait 10 to 15 seconds before trying again.

If Engine Fails To Start — Gas Engine

If the engine fails to start after you have followed the "Normal Starting" procedure and the vehicle has not experienced an Extended Park condition as defined above, it may be flooded. Push the accelerator pedal all the way to the floor and hold it there while the engine is cranking. This should clear any excess fuel in case the engine is flooded.

The starter motor will engage automatically, run for 10 seconds, and then disengage. Once this occurs, release the accelerator pedal and the brake pedal, wait 10 to 15 seconds, then repeat the "Normal Starting" procedure.

WARNING!

- Never pour fuel or other flammable liquid into the throttle body air inlet opening in an attempt to start the vehicle. This could result in flash fire causing serious personal injury.
- Do not attempt to push or tow your vehicle to get it started. Vehicles equipped with an automatic transmission cannot be started this way. Unburned fuel could enter the catalytic converter and once the engine has started, ignite and damage the converter and vehicle.

(Continued)

WARNING!

- 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.

CAUTION!

To prevent damage to the starter, do not crank the engine for more than 10 seconds at a time. Wait 10 to 15 seconds before trying again.

If the engine has been flooded, it may start to run, but not have enough power to continue running when the Start button is released. If this occurs, continue cranking with the accelerator pedal pushed all the way to the floor. Release the accelerator pedal and the Start button once the engine is running smoothly.

If the engine shows no sign of starting after a 10 second period of engine cranking with the accelerator pedal held to the floor, wait 10 to 15 seconds, then repeat the "Normal Starting" procedure.

After Starting

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

STOP/START SYSTEM — IF EQUIPPED

The Stop/Start function is developed to reduce fuel consumption. The system will stop the engine automatically during a vehicle stop if the required conditions are met. Releasing the brake pedal or pressing the accelerator pedal will automatically restart the engine.

This vehicle has been upgraded with a heavy-duty starter, enhanced battery, and other upgraded engine parts, to handle the additional engine starts.

Autostop Mode

The Stop/Start feature is enabled after every normal customer engine start. At that time, the system will go into Stop/Start Ready.

To Activate The Autostop Mode, The Following Must Occur:

- The system must be in Stop/Start Ready state. A "Stop/Start Ready" message will be displayed in the instrument cluster display within the Stop/Start section ⇨ page 91.
- The vehicle must be completely stopped.
- The gear selector must be in a forward gear and the brake pedal pressed.

The engine will shut down, the tachometer will move to the zero position, and the Stop/Start telltale will illuminate indicating you are in Autostop. Customer settings will be maintained upon return to an engine-running condition.

Possible Reasons The Engine Does Not Autostop

Prior to engine shut down, the system will check many safety and comfort conditions to see if they are fulfilled.

Detailed information about the operation of the Stop/Start system may be viewed in the instrument cluster display Stop/Start Screen. In the following situations, the engine will not stop:

- Driver's seat belt is not buckled.
- Driver's door is not closed.
- Battery temperature is too warm or cold.
- Battery charge is low.
- The vehicle is on a steep grade.
- Cabin heating or cooling is in process and an acceptable cabin temperature has not been achieved.
- HVAC is set to full defrost mode at a high blower speed.
- HVAC is set to MAX A/C.
- Engine has not reached normal operating temperature.
- The transmission is not in a forward gear.
- Hood is open.
- Brake pedal is not pressed with sufficient pressure.
- Accelerator pedal input.
- Engine temperature is too high.
- 5 mph (8 km/h) threshold has not been achieved from previous Autostop.
- Steering angle is beyond threshold.
- A Stop/Start system error occurs.
- Stop/Start OFF switch is pushed.
- Vehicle is in high altitude.

It may be possible for the vehicle to be driven several times without the Stop/Start system going into a STOP/START READY state under more extreme conditions of the items previously listed.

To Start The Engine While In Autostop Mode

While in a forward gear, the engine will start when the brake pedal is released or the throttle pedal is pressed. The transmission will automatically re-engage upon engine restart.

Conditions That Will Cause The Engine To Start Automatically While In Autostop Mode:

- The transmission selector is moved out of DRIVE.
- To maintain cabin temperature comfort.
- HVAC is set to full defrost mode.
- HVAC system temperature or fan speed is manually adjusted.
- Battery voltage drops too low.
- Stop/Start OFF switch is pushed.
- A Stop/Start system error occurs.
- Steering angle is beyond threshold.

To Manually Turn Off The Stop/Start System

Push the Stop/Start OFF switch (located on the switch bank). The light on the switch will illuminate.

The "STOP/START OFF" message will appear in the instrument cluster display and the Autostop mode will be disabled ⇨ page 91.

Stop/Start OFF Switch

NOTE:
The Stop/Start system will reset itself back to the ON mode every time the Start button is cycled OFF and back ON.

To Manually Turn On The Stop/Start System

Push the Stop/Start OFF switch (located on the switch bank). The light on the switch will turn off.

System Malfunction

If there is a malfunction in the Stop/Start system, the system will not shut down the engine. A "SERVICE STOP/START SYSTEM" message and a yellow Stop/Start telltale will appear in the instrument cluster display ⇨ page 91.

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

STARTING PROCEDURE — EV MODELS

Normal Starting

Achieving Vehicle READY Using The Start Button

1. The gear selector must be in PARK or NEUTRAL.
2. Press and hold the brake pedal while pushing the Start button once.

Start Button

3. The READY indicator will appear in the instrument cluster display when the vehicle is in Ready to Drive mode.
4. If you wish to terminate Ready to Drive mode, push the Start button again.

Start Button Functions — With Driver’s Foot Off The Brake Pedal (In PARK Or NEUTRAL Position)

The Start button operates similar to an ignition switch by providing two positions: OFF and ON/RUN. To change the power mode without starting the vehicle (to power certain accessories), follow these steps:

1. Begin with the Start button in the OFF position.
2. Push the Start button once, without brake pedal being pressed, to place the button in the ON/RUN position.

   NOTE:
   The vehicle is not able to be driven in the ON/RUN position.

3. Push the Start button a second time, without the brake pedal being pressed, to return the button to the OFF position (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.

To achieve Propulsion System Active (PSA) or Ready to Drive mode, press the brake pedal while pushing the Start button.

In extreme temperatures, high or low, the high voltage battery may need to be conditioned, and therefore may require the vehicle to be plugged in ⇨ page 158.

NOTE:
If the Start button does not change modes when the button is pushed, the key fob may have a low or depleted battery. A back-up method can be used to operate the Start button. Put the nose side of the key fob (side opposite of the emergency key) against the button and push to operate.

AutoPark

AutoPark is a supplemental feature to assist with 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!

- 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 gear selector out of PARK with the brake pedal released. Make sure the gear box is in PARK before exiting the vehicle.
- The gear box 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 gear selector indicator solidly indicates PARK (P) without blinking. Ensure that the vehicle is

(Continued)

WARNING!

completely stopped, and the PARK position is properly indicated, before exiting the vehicle.

- It is dangerous to shift out of PARK or NEUTRAL if your foot is not 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 electric motor is on. Before exiting a vehicle, always come to a complete stop, then apply the parking brake, shift the gear selector into PARK, and turn the Start button OFF. When the Start button is OFF position, the gear box is locked in PARK, securing the vehicle against unwanted movement.
- When exiting the vehicle, always make sure the Start button is in the OFF position, remove the key fob from the vehicle, and lock the vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the 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 Start button in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.

ALWAYS DO A VISUAL CHECK that your vehicle is in PARK by looking for the "P" in the instrument cluster display and on the gear selector. As an added precaution, always apply the parking brake.

If the vehicle is not in PARK and the driver turns off the vehicle, if certain conditions are met, the vehicle will AutoPark, automatically shifting the vehicle's transmission to the PARK position. The gear selector will automatically reset itself to the PARK position. The vehicle's Start button will then move to the OFF position. When AutoPark is activated the instrument cluster will display the message "AutoPark Engaged".

AutoPark will engage when all of these conditions are met:

- Vehicle is equipped with a gear selector
- Vehicle is not in PARK
- Vehicle speed is 1.2 mph (1.9 km/h) or less
- Driver has pushed the Start button

If certain conditions are met, the vehicle will AutoPark, automatically shifting the vehicle to the PARK position. The Electric Park Brake SAFE HOLD feature will also activate in some conditions.

NOTE:
The electric motor or engine will remain on.

AutoPark will engage when all of these conditions are met:

- Vehicle is equipped with a gear selector
- Vehicle is not in PARK
- Vehicle speed is 1.2 mph (1.9 km/h) or less
- Driver's door is ajar
- Driver's seat belt is unbuckled
- Brake pedal is not pressed

The message **"AutoPark Engaged"** will display in the instrument cluster.

AutoPark in Stop/Start Autostop Mode

AutoPark will engage when all of these conditions are met:

- Vehicle is equipped with a gear selector
- Vehicle is not in PARK
- Vehicle speed is 1.2 mph (1.9 km/h) or less
- Driver's door is ajar
- Driver's seat belt is unbuckled or brake pedal is not pressed

The message **"AutoPark Engaged"** will display in the instrument cluster.

CAUTION!

Damage to the gear box 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.
- Before shifting into any gear, make sure your foot is firmly pressing the brake pedal.

Achieving Propulsion System Active (PSA) Using the Start Button

1. The gear selector must be in PARK or NEUTRAL.
2. Press and hold the brake pedal while pushing the Start button once.

To release the parking brake manually, the Start button must be in the ON/RUN position. Press on the brake pedal, then push the parking brake switch momentarily.

If the driver shifts into PARK while moving, the vehicle may park.

Park 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). The gear position indicator will blink continuously until the selector is returned to the proper position, or the requested shift can be completed.

WARNING!
If vehicle speed is above 1.2 mph (1.9 km/h) when the driver shifts into PARK, the transmission will default to NEUTRAL until the vehicle speed drops below 1.2 mph (1.9 km/h) and the previously stated condition is met, enabling AutoPark. A vehicle left in the NEUTRAL position can roll. As an added precaution, always apply the parking brake when exiting the vehicle.

After Starting

To optimize energy efficiency, the vehicle will automatically control electric motor operation.

To Turn Off The Vehicle Using Start Button

1. Place the gear selector in PARK, then push and release the Start button.
2. The Start button indicator will return to the OFF position.
3. If the gear selector is not in PARK, with vehicle speed less than speed greater than 5 mph (8 km/h), when the Start button is pushed, the instrument cluster will display a "Vehicle Not In Park" message, and the vehicle will remain running.

NOTE:
This vehicle is equipped with an automatic shutdown feature. If the vehicle is left in a READY state (vehicle running) with the gear selector in PARK for one hour, the vehicle will automatically turn itself off.

The vehicle provides automatic notification, using a three Horn Chirp Alert, cluster chiming, and a cluster message "Key Fob Has Left The Vehicle" if the vehicle was not turned OFF (still "Ready to Drive") and a valid key fob for the vehicle is not detected within the passenger cabin, following the opening and closing of any passenger compartment door (requires all doors to be closed before the key fob check will occur). These automatic alerts are to remind the driver to turn off the vehicle before leaving it, as well as, to let the driver know that the vehicle's key fob may have been unintentionally removed from the vehicle by an exiting passenger. After providing the Horn Chirp Alert, additional auto chirps will be inhibited until the gear selector has been moved out of PARK or the Start button cycled.

BRAKES

Brake System

Your vehicle is equipped with dual hydraulic brake systems. If either of the two hydraulic systems lose normal capability, the remaining system will still function. There will be some loss of overall braking effectiveness. This may be evident by 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 (for example, repeated brake applications with the Start button OFF), the brakes will still function. The effort required to brake the vehicle will be much greater than that required with the power system operating.

Electric Park Brake (EPB)

Your vehicle is equipped with an Electric Park Brake system that makes the parking brake more convenient and useful.

The parking brake is primarily intended to prevent the vehicle from rolling while parked. Before leaving the vehicle, make sure that the parking brake is applied. Also, be certain to leave the gear selector in PARK.

You can engage the parking brake in two ways:

- Manually, by applying the EPB switch.

- Automatically, by enabling the AutoPark Brake feature in the Customer Programmable Features section of the Uconnect settings ⇨ page 115.

The EPB switch is located in the center console.

Electric Park Brake Switch

To apply the parking brake manually, pull up on the switch momentarily. You may hear a sound from the back of the vehicle while the parking brake engages. Once the parking brake is fully engaged, the Brake Warning Light in the instrument cluster and an indicator on the switch will illuminate. If your foot is on the brake pedal while you apply the parking brake, you may notice a small amount of brake pedal movement. The parking brake can be applied even when the vehicle is OFF and can only be released when the Start button is in the ON/RUN position.

NOTE:

The EPB Warning Light will illuminate if the EPB switch is held for longer than 60 seconds in either the released or applied position. The light will extinguish upon releasing the switch.

If the AutoPark Brake feature is enabled, the parking brake will automatically engage whenever the transmission is placed into PARK. If your foot is on the brake pedal, you may notice a small amount of brake pedal movement while the parking brake is engaging.

The parking brake will release automatically when the Start button is ON/RUN, the gear selector is in DRIVE or REVERSE, the driver's seat belt is buckled, and an attempt is made to drive away.

To release the parking brake manually, the Start button must be in the ON/RUN position. Put your foot on the brake pedal, then push the EPB switch down momentarily. You may hear a sound from the back of the car while the parking brake disengages. You may also notice a small amount of movement in the brake pedal. Once the parking brake is fully disengaged, the Brake Warning Light in the instrument cluster and the LED indicator on the switch will extinguish.

NOTE:

When parking on a hill, it is important to turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade. Apply the parking brake before placing the gear selector in PARK, otherwise the load on the transmission locking mechanism may make it difficult to move the gear selector out of PARK. The parking brake should always be applied whenever the driver is not in the vehicle.

WARNING!

- Do not rely on the parking brake to operate effectively if the rear brakes have been immersed in water or mud.

(Continued)

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 cycle the Start button OFF, remove the key fob and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the Start button of a vehicle equipped with Keyless Enter 'n Go™ in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.
- 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 gear selector in PARK. Failure to do so may allow the vehicle to roll and cause damage or injury.

CAUTION!

If the Brake System Warning Light remains on with the parking brake released, a brake system malfunction is indicated. Have the brake system serviced by an authorized dealer immediately.

If exceptional circumstances should make it necessary to engage the parking brake while the vehicle is in motion, maintain upward pressure on the EPB switch for as long as engagement is desired. The Brake Warning Light will illuminate, and a continuous chime will sound. The rear stop lamps will also be illuminated automatically while the vehicle remains in motion.

To disengage the parking brake while the vehicle is in motion, release the switch. If the vehicle is brought to a complete stop using the parking brake, when the vehicle reaches approximately 3 mph (5 km/h) the parking brake will remain engaged.

To disengage the parking brake while the vehicle is in motion, release the switch. If the vehicle is brought to a complete stop using the parking brake, when the vehicle reaches approximately 3 mph (5 km/h) the parking brake will remain engaged.

WARNING!

Driving the vehicle with the parking brake engaged, or repeated use of the parking brake to slow the vehicle, may cause serious damage to the brake system. Be sure the parking brake is fully disengaged before driving; failure to do so can lead to brake failure and a collision.

In the unlikely event of a malfunction of the EPB system, a yellow EPB Warning Light will illuminate. This may be accompanied by the Brake Warning Light flashing. In this event, urgent service of the EPB system is required. Do not rely on the parking brake to hold the vehicle stationary.

TRANSMISSIONS

Automatic Transmission

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

WARNING!

- Never use the PARK (P) position as a substitute for the parking brake. Always apply the parking brake fully when exiting the vehicle to guard against vehicle movement and possible injury or damage.
- Your vehicle could move and injure you and others if it is not in PARK. Check by trying to move the gear selector out of PARK with the brake pedal released. Make sure the gear selector 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 gear position indicator solidly indicates PARK without blinking. Ensure that the vehicle is completely stopped, and the PARK position is properly indicated, before exiting the vehicle.

(Continued)

WARNING!

- It is dangerous to shift out of PARK or NEUTRAL (N) if the engine speed is higher than idle speed. If your foot is not firmly pressing the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and your foot is firmly pressing the brake pedal.
- Unintended movement of a vehicle could injure those in or near the vehicle. As with all vehicles, you should never exit a vehicle while the engine is running. Before exiting a vehicle, always come to a complete stop, then apply the parking brake, shift the transmission into PARK, and turn the Start button OFF. When the Start button is in the OFF position, the transmission is locked in PARK, securing the vehicle against unwanted movement.
- When exiting the vehicle, always make sure the Start button is in the OFF position, remove the key fob from the vehicle, and lock the vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the transmission gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the Start button in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.

CAUTION!

Damage to the transmission may occur if the following precautions are not observed:

- Shift into or out of PARK or REVERSE (R) only after the vehicle has come to a complete stop.
- Do not shift between PARK, REVERSE, NEUTRAL, or DRIVE (D) when the engine is above idle speed.
- Before shifting into any gear, make sure your foot is firmly pressing the brake pedal.

Park Interlock

This vehicle is equipped with a Park Interlock which requires the gear selector to be in PARK (P) before the Start button can be turned to the OFF position. This helps the driver avoid inadvertently leaving the vehicle without placing the gear selector in PARK. This system also locks the transmission in PARK whenever the Start button is in the OFF position.

NOTE:
The transmission will NOT shift out of the PARK position if the engine is not running even when the brakes are applied. Ensure that the transmission is in PARK, and the Start button is OFF (not in the ON/RUN position) before exiting the vehicle.

Brake/Transmission Shift Interlock (BTSI) System

This vehicle is equipped with a BTSI system that holds the transmission gear selector in PARK unless the brakes are applied. To shift the transmission out of PARK, the engine must be running and the brake pedal must be pressed. The brake pedal must also be pressed to shift from NEUTRAL into DRIVE or REVERSE when the vehicle is stopped or moving at low speeds.

8-Speed Automatic Transmission

The transmission gear range (PRND) is displayed both above the gear selector and in the instrument cluster. You must press the brake pedal to shift the transmission out of PARK (or NEUTRAL, when the vehicle is stopped or moving at low speeds).

NOTE:
In the event of a mismatch between the gear selector position and the actual transmission gear (for example, driver selects PARK while driving), the position indicator will blink continuously until the selector is returned to the proper position, or the requested shift can be completed.

The electronically controlled transmission adapts its shift schedule based on driver inputs, along with environmental and road conditions. The transmission electronics are self-calibrating; therefore, the first few shifts on a new vehicle may be somewhat abrupt. This is a normal condition, and precision shifts will develop within a few hundred miles (kilometers).

Only shift from DRIVE to PARK or REVERSE when the accelerator pedal is released and the vehicle is stopped. Be sure to keep your foot on the brake pedal when shifting between these gears.

The transmission gear selector has only PARK, REVERSE, NEUTRAL, and DRIVE positions. Manual downshifts can be made using the steering wheel mounted paddle shifters. Pulling the -/+ switches (on the steering wheel) while in the DRIVE position will select the highest available transmission gear, and will display that gear limit in the instrument cluster as 1, 2, 3, etc. Some models will display both the selected gear limit, and the actual current gear, while in AutoStick mode.

Transmission Gear Selector

GEAR RANGES

Do not press the accelerator pedal when shifting from PARK (P) or NEUTRAL (N) into another gear range.

NOTE:
After selecting any gear range, wait a moment to allow the selected gear to engage before accelerating. This is especially important when the engine is cold.

PARK (P)

This range supplements the parking brake by locking the transmission. The engine can be started in this range. Never attempt to use PARK while the vehicle is in motion. Apply the parking brake when exiting the vehicle in this range.

When parking on a hill, apply the parking brake before shifting the transmission to PARK. As an added precaution, turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade.

When exiting the vehicle, always:

- Apply the parking brake.
- Shift the gear selector into PARK.
- Turn the Start button OFF.
- Remove the key fob from the vehicle.

CAUTION!

- Before moving the gear selector out of PARK, you must start the engine, and also press the brake pedal. Otherwise, damage to the gear selector could result.
- DO NOT race the engine when shifting from PARK or NEUTRAL into another gear range, as this can damage the drivetrain.

The following indicators should be used to ensure that you have properly engaged the transmission into the PARK position:

- Look at the transmission gear position display and verify that it indicates the PARK position (P), and is not blinking.
- With the brake pedal released, verify that the gear selector will not move out of PARK.

For more information on Manual Park Release, refer to Gear Selector Override - Gas Models ⇨ page 222.

REVERSE (R)

This range is for moving the vehicle backward. Shift into REVERSE only after the vehicle has come to a complete stop.

NEUTRAL (N)

Use this range when the vehicle is standing for prolonged periods with the engine running. Apply the parking brake and shift the transmission into PARK (P) if you must exit the vehicle.

WARNING!

Do not coast in NEUTRAL and never turn the Start button OFF to coast down a hill. These are unsafe practices that limit your response to changing traffic or road conditions. You might lose control of the vehicle and have a collision.

CAUTION!

Towing the vehicle, coasting, or driving for any other reason with the transmission in NEUTRAL can cause severe transmission damage.

For Recreational Towing see ⇨ page 171.

For Towing A Disabled Vehicle see ⇨ page 224.

DRIVE (D)

This range should be used for most city and highway driving. It provides the smoothest upshifts and downshifts, and the best fuel economy. The transmission automatically upshifts through all forward gears.

When frequent transmission shifting occurs (such as when operating the vehicle under heavy loading conditions, in hilly terrain, traveling into strong head winds, or while towing a heavy trailer), use the AutoStick shift control 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 cold temperatures, transmission operation may be modified depending on engine and transmission temperature as well as vehicle speed. This feature improves warm-up time of the engine and transmission to achieve maximum efficiency. Engagement of the torque converter clutch is inhibited until the transmission fluid is warm. Normal operation will resume once the transmission temperature has risen to a suitable level.

TRANSMISSION LIMP HOME MODE

Transmission function is monitored electronically for abnormal conditions. If a condition is detected that could result in transmission damage, Transmission Limp Home Mode is activated. In this mode, the transmission may operate only in certain gears, or may not shift at all. Vehicle performance may be severely degraded and the engine may stall. In some situations, the transmission may not re-engage if the engine is turned off and restarted. The Malfunction Indicator Light (MIL) may be illuminated. A message in the instrument cluster will inform the driver of the more serious conditions, and indicate what actions may be necessary.

In the event of a momentary problem, the transmission can be reset to regain all forward gears by performing the following steps:

NOTE:
In cases where the instrument cluster message indicates the transmission may not re-engage after engine shutdown, perform this procedure only in a desired location (preferably, at an authorized dealer).

1. Stop the vehicle.
2. Shift the vehicle into PARK (P), if possible. If not, shift the gear selector to NEUTRAL (N).
3. Push and hold the Start button 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 — IF EQUIPPED

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 feature can also provide you with more control during passing, city driving, cold slippery conditions, mountain driving, trailer towing, and many other situations.

AutoStick Paddle Shifters

Operation

To activate AutoStick mode, tap one of the paddle shifter on the steering wheel. Tapping the (-) paddle shifters 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 paddle shifters, to manually shift the transmission. Tapping the (-) paddle shifter, will downshift the transmission to the next lower gear. Tapping the (+) paddle shifter, will upshift the transmission to the next highest gear.

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

- 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. Tapping (+) at a stop will allow starting in SECOND gear. Starting out in SECOND gear can be helpful in snowy or icy conditions.
- If a requested downshift would cause the engine to overspeed, that shift will not occur.
- The system will ignore attempts to upshift at too low of a vehicle speed.
- Holding the (-) paddle pressed, 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. The vehicle will force an upshift, but it will stay in AutoStick mode.

To disengage AutoStick mode, pull and hold the (+) paddle shifters until "D" is once again indicated in the instrument cluster. You can shift in or out of AutoStick mode 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.

Electric Drive Module (EDM)

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

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 gear selector out of PARK with the brake pedal released. Make sure the gear selector is in PARK before exiting the vehicle.
- The gear box 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 gear selector 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.
- 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

(Continued)

WARNING!

hit someone or something. Only shift into gear when 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 vehicle is on. Before exiting a vehicle, always come to a complete stop, then apply the parking brake, shift the gear selector into PARK, and turn the Start button OFF. When the Start button is the OFF position, the gear box is locked in PARK, securing the vehicle against unwanted movement.
- When exiting the vehicle, always make sure the Start button is in the OFF position, remove the key fob from the vehicle, and lock the vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the transmission gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the Start button in the ACC or ON/RUN position. A child could operate power windows, other controls, or move the vehicle.

CAUTION!

Damage to the gear box 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.
- Before shifting into any gear, make sure your foot is firmly pressing the brake pedal.

Park Interlock

Your vehicle is equipped with a Park Interlock which requires the gear selector to be in PARK before the Start button can be cycled to the OFF position. This helps the driver avoid inadvertently leaving the vehicle without placing the gear selector in PARK. This system also locks the gear box in PARK whenever the Start button is in the OFF position.

Brake/Gear Box Shift Interlock System

Your vehicle is equipped with an interlock system that holds the gear selector in PARK unless the brakes are applied. To shift the vehicle out of PARK, the Start button must be in the ON/RUN position and the brake pedal must be pressed. The brake pedal must also be pressed to shift from NEUTRAL (N) into DRIVE (D) or REVERSE (R) when the vehicle is stopped or moving at low speeds.

EV TRANSMISSION

The gear selector has PARK, REVERSE, NEUTRAL and DRIVE. The drive selector gear range (PRND) is displayed on the gear selector and in the instrument cluster display. To select a gear range, lift upward on

the gear selector. You must also press the brake pedal to shift the gear selector out of PARK (or NEUTRAL, when the vehicle is stopped). Select the DRIVE range for normal driving.

NOTE:

In the event of a mismatch between the gear selector position and the actual gear selector (for example, driver selects PARK while driving), the gear selector will shift into NEUTRAL and the position indicator will blink continuously until the selector is returned to the proper position, or the requested shift can be completed.

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.

Gear Selector

Gear Ranges

Do not press the accelerator pedal when shifting from PARK (P) or NEUTRAL (N) into another gear range.

PARK (P)

This range supplements the parking brake by locking the gear box. The vehicle propulsion system can be started in this range. Never attempt to use PARK while the vehicle is in motion. Apply the parking brake when exiting the vehicle in this range.

When parking on a hill, apply the parking brake before shifting the gear selector into 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 gear selector into PARK.
- Turn the Start button OFF.
- Remove the key fob from the vehicle.

NOTE:

This vehicle incorporates an Electric Park Brake activation feature which engages automatically when the vehicle is parked on a 9% sloped surface, with the vehicle pointing up the grade or down the grade.

CAUTION!

- Before moving the gear selector out of PARK, you must turn the Start button to the ON/RUN position, and also press the brake pedal. Otherwise, damage to the gear selector could result.

(Continued)

CAUTION!

- DO NOT press the accelerator pedal 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 gear box into the PARK position:

- Look at the gear selector position display and verify that it indicates the PARK position (P), and is not blinking.
- With the brake pedal released, verify that the gear selector will not move out of PARK.

REVERSE (R)

This range is for moving the vehicle backward. Shift into REVERSE only after the vehicle has come to a complete stop.

NOTE:

Based on the drive gear and/or speed of the vehicle, the Vehicle Pedestrian Alert Module (VPAM) will broadcast a sound from the rear of the vehicle to warn nearby pedestrians that a vehicle is approaching. In addition, the module will indicate a change in speed by varying the volume of sound.

NEUTRAL (N)

Use this range when the vehicle is standing for prolonged periods with the propulsion system active. The vehicle may be started in this range. Apply the parking brake and shift the drive selector into PARK if you must exit the vehicle.

NOTE:
Based on the drive gear and/or speed of the vehicle, the Vehicle Pedestrian Alert Module (VPAM) will broadcast a sound from the rear of the vehicle (if moving in the rearward direction) or from the front (if moving in the forward direction) or from both the front and rear if vehicle direction cannot be determined, to warn nearby pedestrians that a vehicle is approaching. In addition, the module will indicate a change in speed by varying the volume of sound.

CAUTION!
Towing the vehicle, coasting, or driving for any other reason with the transmission in NEUTRAL can cause severe transmission damage.

WARNING!
Do not coast in NEUTRAL and never cycle the Start button OFF 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.

DRIVE (D)

This range is used for city and highway driving.

MAX REGENERATIVE BRAKING

The Max Regenerative Braking system slows the vehicle when the accelerator pedal is released, increasing the amount of energy captured to recharge the electric battery. Max Regenerative Braking allows the driver to increase or decrease the brake energy recovery by using paddles located on the back of the steering wheel.

Paddle Shifters

1 — (–) Shift Paddle
2 — (+) Shift Paddle

Operation

Max Regenerative Braking is controlled through the Paddle Shifters, which are enabled and disabled through the Uconnect Settings. There are three levels of Max Regenerative Braking:

- Level 1 - less braking and energy recovery
- Level 2 - increased braking and energy recovery
- Level 3 - maximum braking and energy recovery

Max Regenerative Braking levels are increased by pushing the (+) shift paddle and decreased by pushing the (-) shift paddle. The current Max Regenerative Braking level will be displayed in the instrument cluster.

PowerShot - If Equipped

PowerShot is a feature that allows you to accelerate at max battery output for approximately 15 seconds. PowerShot provides a push-to-pass functionality.

The PowerShot button is located on the bottom right side of the steering wheel. Press the button to turn PowerShot on/off.

PowerShot Button

The following PowerShot icons are displayed in the instrument cluster:

- White - PowerShot is enabled (30 second timeout)
- Green - PowerShot is activated (15 second timeout)
- Grey - PowerShot is being prepared (time is dependent on varying factors)

NOTE:
The PowerShot feature will not function if the high voltage battery does not have enough charge or the battery temperature is too low or high. When PowerShot is activated, a message will display on the Instrument

Cluster indicating that max power has been achieved by the battery. PowerShot will NOT function with the following battery charge levels and temperatures:

- Battery Temp Temperature: Under 32° F (0° C) or over 113° F (45° C) and any state of charge.
- Battery State of Charge: Any temperatures and state of charge is under 20%.
- Temperature and State of Charge: State of charge under 60%. Under certain battery temperatures, there could be restrictions.

DRIVE MODES

Operation

The Drive Mode buttons are located on the bottom left of the steering wheel.

Drive Mode Buttons

Use the left/right Drive Mode buttons to select from the following modes:

- Drag Mode
- Track Mode
- Sport Mode
- Auto + Eco Mode
- Wet/Snow Mode
- Custom Mode
- Line Lock Control
- Launch Control

For more information on the Drive Mode buttons, see ⇨ page 120.

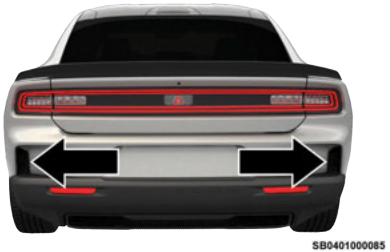
For Race Options/Launch Control feature settings, see ⇨ page 124.

EXHAUST

Fratzonic Chambered Exhaust — EV Models

The industry-first Fratzonic Chambered Exhaust delivers a unique sound profile experience. System features work in concert to generate a deep rumble and visceral feel that aligns with Dodge DNA. Pushing its one-of-a-kind performance sound through an amplifier and tuning chamber housed in a custom enclosure, located at the rear of the vehicle. Marking a new generation of tactile, bone-shaking, muscle attitude.

The exhaust sound and sound types can be enabled, disabled and customized in the Uconnect Radio.



Fratzonic Exhaust

REFUELING THE VEHICLE

1. Open the fuel filler door by pushing on the outer edge of the fuel door near the center to unlatch. Then use a finger to rotate the door to the full open position.

2. Insert the fuel nozzle fully into the filler pipe – the nozzle opens and holds the flapper doors while refueling.

   NOTE:
   Only the correct size nozzle opens the latches allowing the flapper doors to open.

Fuel Filler

3. Fill the vehicle with fuel – when the fuel nozzle "clicks" or shuts off the fuel tank is full.
4. Wait five seconds before removing the fuel nozzle to allow fuel to drain from nozzle.
5. Remove the fuel nozzle and close the fuel door. Engage the fuel door latch by pushing on the outer edge near the center.

WARNING!

- Never have any smoking materials lit in or near the vehicle when the fuel door is open or the tank is being filled.

(Continued)

WARNING!

- Never add fuel when the engine is running. This is in violation of most state and federal fire regulations and may cause the Malfunction Indicator Light to turn on.
- A fire may result if fuel is pumped into a portable container that is inside of a vehicle. You could be burned. Always place fuel containers on the ground while filling.

CAUTION!

To avoid fuel spillage and overfilling, do not "top off" the fuel tank after filling.

CHARGING

High Voltage Battery

Your vehicle is equipped with a Lithium-ion high voltage battery that is used to power the electric powertrain systems and the 12 Volt vehicle electrical system.

The high voltage battery is located under the middle section of the vehicle, below and in front of the second row seating. The high voltage battery is designed to be maintenance free.

Lithium-ion batteries provide the following benefits:

- Lithium-ion batteries are much lighter than other types of rechargeable batteries of the same size.
- Lithium-ion batteries hold their charge; they only lose approximately three percent of their charge per month.
- Lithium-ion batteries have no memory, which means that you do not have to completely discharge them before recharging, as with some other batteries.
- Lithium-ion batteries can be recharged and discharged thousands of times.

High Voltage Battery Service Disconnect

The high voltage battery service disconnect is located behind the trim panel by the 12 V battery. Only a qualified service technician should access the high voltage battery service disconnect.

If your vehicle requires high voltage battery service, see an authorized dealer.

WARNING!

- Never try to remove the high voltage battery service disconnect. The high voltage battery service disconnect is used when your vehicle requires service by a qualified technician at an authorized dealership. Failure to follow this warning can result in electrical shock, toxic emissions, fire, and other hazards which can cause death or serious injury including severe burns, respiratory injuries, and blindness.
- The high voltage battery and battery case have no parts that you or an unqualified technician can service. The high voltage system can be hot during and after starting and when the vehicle is shut off or charging. Under no circumstances should you

(Continued)

WARNING!

or an unqualified technician open, disassemble, penetrate, or tamper with the high voltage battery, battery case, their cables, or connectors. High Voltage wires, connectors, and wire coverings are identified by their distinct orange color. Damage to these components can result in electrical shock, toxic emissions, fire, and other hazards which can cause death or serious injury including severe burns, respiratory injuries, and blindness. You should take the vehicle to an authorized dealership for any service or maintenance on these high voltage components.

Disposal of the High Voltage Battery

Your vehicle's high voltage battery is designed to last the life of your vehicle. See an authorized dealer for information on the disposal of the battery if it should require replacement.

WARNING!

Your vehicle contains a sealed Lithium-ion high voltage battery. If the battery is disposed of improperly, there is a risk of electrical shock and toxic emissions which can cause severe burns, respiratory injuries, fires, and other hazards resulting in serious injury or death. Bring the vehicle to your dealership when the life of the battery is exhausted.

General Information

The vehicle is also equipped with a Battery Management system that is designed to:

- Ensure safe operation
- Maximize driving range
- Maximize the life expectancy of the high voltage battery

NOTE:

- During vehicle start up and shut down, a clicking noise may be heard from within the vehicle. When the vehicle is in the ON/RUN position, the high voltage battery contactors inside the battery are closed to make the stored electricity inside available for vehicle use. After the vehicle is shut down, the contactors open to electrically isolate the battery from other vehicle systems. The clicking noise is the sound of these contactors as they open and close during normal operation.
- The Audible Pedestrian Warning system will emit a noise from the front of the vehicle when driving forward at speeds below 22 mph (35 km/h). It will also emit a noise from the rear of the vehicle when in REVERSE, and from both the front and rear of the vehicle when in NEUTRAL. For more information on this system, see ⇨ page 173.

WARNING!

In the event of a collision:

- If your vehicle is still drivable, pull off the road and place the transmission in the PARK position, apply the parking brake, and turn the vehicle off.
- Check your vehicle to see if there are exposed high-voltage parts or cables. High Voltage wires, connectors, and wire coverings are identified by their distinct orange color. To avoid electrical

(Continued)

WARNING!

shock which can result in serious injury or death, never touch wiring, connectors, and other high-voltage parts, such as the inverter unit and the Lithium-ion battery.

- If your vehicle was not in a collision but the undercarriage received an impact from road debris or other source while driving, have the Lithium-ion battery inspected by an authorized dealer.
- Leaks or damage to the Lithium-ion battery may result in a fire and toxic emissions which can cause severe burns, respiratory injuries, and other serious injuries or death. If you discover these leaks, contact emergency services immediately. Since the fluid leak may be Lithium Manganate from the Lithium-ion battery, never touch the fluid leak inside or outside of the vehicle. If the fluid contacts your skin or eyes, wash these areas immediately with a large amount of water and obtain immediate medical attention to help avoid serious injury.
- If a fire occurs inside your vehicle, leave the vehicle as soon as possible. Only use a type ABC, BC, or C fire extinguisher that is meant for use on electrical fires. Using a small amount of water, or the incorrect fire extinguisher can result in serious injury or death from electrical shock.
- If you are not able to safely assess the vehicle due to vehicle damage, do not touch the vehicle. Leave the vehicle and contact emergency services. Advise first responders that this is an electric vehicle.

(Continued)

WARNING!

- In the event of an accident that requires bodywork, refer to an authorized dealership.

Regenerative Braking System (RBS)

Your vehicle has an Regenerative Braking System (RBS). The RBS replenishes the vehicle's high voltage battery during deceleration, and is particularly useful in stop-and-go city traffic. The electric motor, which propels the vehicle forward, can operate as a generator when braking. The RBS recharges the high voltage battery under certain braking conditions by recapturing energy that would otherwise be lost while braking. The electric power that is generated goes back into the high voltage battery for later use, for example when acceleration is desired.

The RBS uses conventional hydraulic friction brakes, regenerative braking, or a combination to slow the vehicle. If the system detects slippery conditions while braking, ONLY friction is used to slow the vehicle. The RBS can result in extended life of the hydraulic service brakes; however, all inspection, scheduled maintenance, and service intervals for the vehicle service brakes must be followed.

Max Regeneration: Intervenes in place of the brakes when the throttle is released, allowing energy recovery when slowing down, even when the brake pedal is released. When the accelerator pedal is released, the system recovers energy during the slowing down phase of the car.

Regenerative braking is always active regardless of the selected operating mode, and activates the high-voltage battery charging when the brake pedal is pressed, thereby recovering energy during braking. It is useful when driving in the city, where there are continuous stops and starts. To make the most efficient use of the system, the braking phase should be modulated by applying gradual pressure on the brake pedal to allow maximum energy recovery.

Battery Conditioning

In extreme temperatures, high or low, the high voltage battery may need to be conditioned, and therefore may require the vehicle to be plugged in.

If the ambient temperature is 5°F (-15°C) or below at vehicle shut down, the instrument cluster will display the message “Plug In Vehicle To Keep Battery Conditioned”.

If the battery temperature is below -22°F (-30°C), or 131°F (55°C) or above, the vehicle will NOT start:

- If the vehicle is plugged in at these battery temperatures, the instrument cluster will display the message “Please Leave Key In RUN — Battery Conditioning Needed”.
- If the vehicle is not plugged in at these battery temperatures, the “Plug In Vehicle To Condition Battery” will be shown in the instrument cluster display.
- If the battery temperature is below -27°F (-33°C), the message “Please Leave Key In RUN — Battery Conditioning Needed” will be displayed whether the vehicle is plugged in or not.

NOTE:

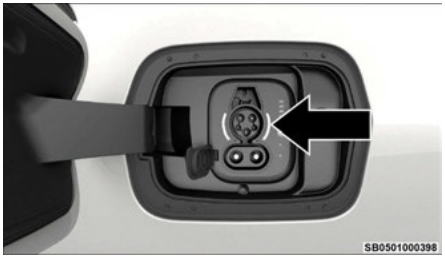
- When the “Please Leave Key In RUN — Battery Conditioning Needed” message is displayed, keep the vehicle in the RUN position for the battery to recover. Place the vehicle back in the OFF position when the message disappears, and then start the vehicle. When this message is displayed, do not operate any air conditioning controls.
- Under these high or low temperatures, if the vehicle is plugged in, and the vehicle is in OFF, the vehicle may “wake up” to precondition the high voltage battery for use.
- It is recommended that the vehicle be plugged in overnight when possible to maximize the electric range of the vehicle.

The messages will only be displayed when the vehicle is ON, and the high voltage battery is not ready to provide propulsion power. The message also displays if there is a failed attempt to achieve READY state when the high voltage battery cell temperatures are either too cold or too hot.

High Voltage Charging Operation

SAE J1772 Charging Inlet

Your vehicle uses an industry standard SAE J1772 charge inlet (vehicle charge inlet) for AC Level 1 (120 V), AC Level 2 (240 V), and DC Fast charge (400 V) charging.



Vehicle Charge Inlet

The charge port door will lock or unlock along with the doors. Press the Unlock button on the Key Fob to unlock the charge port door. Press the Lock button on the Key Fob to lock the charge port door.

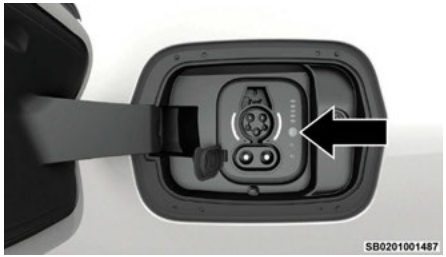
Open the charge port door by pushing near the rear outer edge of the door, near the center to unlatch. To close the charge port door, engage the door latch by pushing on the rear outer edge near the center.

NOTE:
Only utilize UL-certified (UL 2594) charging equipment to charge your vehicle. Failure to do so may result in safety hazards.

Smart Charge Button

The Smart Charge button to the right of the charge port can be used to stop charging, start charging, and override a set charging schedule. The button has different uses and sequences depending on which charging mode is set.

- No scheduled charge
  - Plug in the vehicle: charge starts
  - Push the charging button: charge is stopped
  - Push the charging button again: charge starts again
- Scheduled charge (not started yet)
  - Plug in the vehicle: scheduled charge is ready (as set)
  - Push the charging button: charge starts
  - Push the charging button again: charge is stopped, and scheduled charge is set again
- Scheduled charge (set and started)
  - Plug in the vehicle: scheduled charge begins (as set)
  - Push the charging button: charge is stopped
  - Push the charging button again: immediate charge starts (scheduled charge is overridden)



Smart Charging Button

L1/L2 Dual Level Charge Cord - AC Level 1 Charging (120 Volt)/AC Level 2 Charging (240 Volt)

This vehicle is equipped with a L1/L2 Dual Level Charge Cord.

AC Level 1 charging requires a conventional NEMA 5-15R 120 Volt AC grounded wall outlet along with the L1/L2 Dual Level Charge Cord provided with the vehicle. Level 1 charge provides up to 12 amps. To use Level 1 charging, fully insert the three-prong Level 1 Grid Cord into the wall outlet and the Charging adapter to the indicator display.

AC Level 2 charging requires a NEMA 14-50R 240 Volt AC grounded wall outlet along with the L1/L2 Dual Level Charge Cord provided with the vehicle. The Level 2 charge provides up to 32 amps. To use Level 2 charging, fully insert the four-prong Level 2 Grid Cord into the wall outlet and the Charging adapter to the indicator display.

When using public charging stations, ensure the charging station is ready to provide charge and the vehicle is in PARK before the Level 2 EVSE is plugged into the vehicle's charge inlet. You will hear a "click" when the charge connector is inserted correctly and is coupled with the vehicle's charge inlet.

WARNING!

Please be sure to follow these warnings. Failure to do so may result in serious injury or death.

- Discontinue use of the L1/L2 Dual Level Charge Cordset immediately if the plug or outlet becomes hot to the touch or if you notice any unusual odors.
- Do not use the L1/L2 Dual Level Charge Cordset in building structures that use fuse-based circuit protection. Use only with electrical circuits protected by circuit breakers.
- Do not use the L1/L2 Dual Level Charge Cordset if other devices are plugged into the same circuit.
- When unplugging the L1/L2 Dual Level Charge Cordset from the wall outlet, be sure to pull by the plug, and not the cord.
- Do not pull, twist, bend, step on or drag the cord of the L1/L2 Dual Level Charge Cordset.
- Stop using the L1/L2 Dual Level Charge Cordset immediately if charging stops before it's completed when the plug or cord is moved or adjusted.
- Do not use the L1/L2 Dual Level Charge Cordset if the plug has a loose connection with the wall outlet or if the wall outlet is damaged or rusted.

(Continued)

WARNING!

- If in any doubt about the wall outlet and/or circuit, contact a qualified electrician.
- Do not use if a malfunction occurs or if the L1/L2 Dual Level Charge Cordset has been damaged in any manner. It is recommended that you contact an authorized dealership.
- There are no user serviceable parts inside the L1/L2 Dual Level Charge Cordset. Do not attempt to repair or service the L1/L2 Dual Level Charge Cordset, doing so will void the New Vehicle Warranty.

WARNING!

Electrical shock, fire, and other serious hazards can occur if the L1/L2 Dual Level Charge Cordset is not used properly. This vehicle uses a high voltage current. Failure to follow the proper charging instructions in this publication can cause serious injury or death. There are no serviceable parts in the L1/L2 Dual Level Charge Cordset. Do not open, disassemble, penetrate, or tamper with the L1/L2 Dual Level Charge Cordset. Failure to follow this warning can result in electrical shock, fire, property damage, and death or serious injury.

NOTE:

After use, the L1/L2 Dual Level Charge Cord should be placed in the storage area or attached to the wall with the proper mounting accessories. If the L1/L2 Dual Level Charge Cord (EVSE) will be left outside the vehicle, be sure to protect the connection end from moisture, dirt, and debris accumulation and contamination.

WARNING!

This publication contains important instructions and warnings that should be followed during charging operations. Failure to follow these warnings and instructions can result in electrical shock and fire which can cause death or serious injury.

- Do not put fingers or objects into the L1/L2 Dual Level Charge Cord connector.
- Do not use the L1/L2 Dual Level Charge Cord if the flexible power cord is frayed, broken, has cracked insulation, or any other signs of damage.
- Do not use the L1/L2 Dual Level Charge Cord if the enclosure or the connector is broken, cracked, open, or shows any other indication of damage.
- Do not use the L1/L2 Dual Level Charge Cord with an extension cord or plug adapters.
- The L1/L2 Dual Level Charge Cord may attempt to reset and run after a power interruption.
- There are no user serviceable parts inside the L1/L2 Dual Level Charge Cord. Do not attempt to repair or service the L1/L2 Dual Level Charge Cord yourself – personal injury may result.
- When using a charging station with the L1/L2 Dual Level Charge Cord attached, ensure the charging station's cable is not visibly damaged before plugging into the vehicle.
- Do not allow children to operate the L1/L2 Dual Level Charge Cord. Adult supervision is mandatory

(Continued)

WARNING!

when children are in proximity to the charge station that is in use.

- Do not use a charge station or vehicle charge inlet that is worn or damaged with the charging cable. Plugging into worn or damaged receptacles may cause damage to the L1/L2 Dual Level Charge Cord and vehicle.
- Ensure that the L1/L2 Dual Level Charge Cord is always stored in a safe place. Do not expose the EVSE J1772 vehicle connector to rain or wet conditions. Avoid allowing water or other liquids to pour or drip onto the vehicle connection end of the J1772 EVSE connector. If water penetrates the electrical device, the risk of electrical shock increases. Ensure that all plugs and cables are free of moisture before using the L1/L2 Dual Level Charge Cord.
- In a collision, a loose L1/L2 Dual Level Charge Cord in the vehicle could cause injury. It could fly around in a sudden stop and strike someone in the vehicle. Do not store the L1/L2 Dual Level Charge Cord on the cargo load floor, or in the passenger compartment.
- The L1/L2 Dual Level Charge Cord has been tested for use in temperatures ranging from -40°F to 122°F (-40°C to 50°C).
- The L1/L2 Dual Level Charge Cord should be stored at temperatures between -40°F and 176°F (-40°C and 80°C).

L1/L2 DUAL LEVEL CHARGING CORD COMPONENTS

The L1/L2 Dual Level Charging Cord is compliant with SAE J1772, and applicable for use with vehicles fitted with standard SAE J1772 charge inlets. The L1/L2 Dual Level Charging Cord includes:

- A charge connector
- A NEMA 6 rated enclosure with a Charge Current Interrupt Device (CCID) with a status indicator display
- An AC Power Cord Adapter with a NEMA 5–15P right angle plug
- An AC Power Cord Adapter with a NEMA 14–50P plug
- An indoor/outdoor charge cable, EV-rated

L1/L2 Dual Level Charging Cord

1 — Charge Indicators
2 — Level 1 Grid Cord
3 — Level 2 Grid Cord
4 — Charge Cable
5 — Charge Head

L1/L2 DUAL LEVEL CHARGING CORD OPERATION

1. For Level 1 charging, insert the AC plug prongs of the L1/L2 Dual Level Charging Cord into a 15 A, or 20 A, 120 VAC, 60 Hz, grounded wall outlet (NEMA 5-15R or NEMA 5-20R). For Level 2 Charging, insert the AC plug prongs of the L1/L2 Dual Level Charging Cord into a 50 A, 240 VAC, 60 Hz, grounded wall outlet (NEMA 14-50R). AC Level 2 charging is recommended because it is significantly faster than AC Level 1 charging. Do not use an extension cord, outlet/plug adapter, or a worn outlet. The L1/L2 Dual Level Charging Cord will not operate safely unless it is plugged directly into the wall outlet.

NOTE:
The L1/L2 Dual Level Charging Cord should be plugged into a dedicated circuit, not a circuit shared with other devices drawing electricity on the circuit.

WARNING!

Do not use the L1/L2 Dual Level Charging Cord on electrical circuits with two-prong outlets; use with improper outlets could result in electric shock, fire, property damage, and death or serious injury. Check with a qualified electrician

(Continued)

WARNING!
if you are in doubt as to whether the wall outlet is properly grounded. Do not modify the plug prongs provided with the L1/L2 Dual Level Charging Cord – if it does not fit the outlet, you must have a proper outlet installed by a qualified electrician.

2. Check to see if the L1/L2 Dual Level Charging Cord is ready to charge by reviewing the indicator lights. After a brief self-check, where the indicator lights will flash, a green AC Power indicator light and two green Charge Active indicator lights indicate that the L1/L2 Dual Level Charging Cord is ready for use.
3. If the L1/L2 Dual Level Charging Cord is ready to charge, ensure the vehicle is in PARK, and then connect the charge connector to the vehicle's charge inlet. You will hear a "click" when the charge connector is inserted correctly and coupled with the vehicle's charge inlet.

Inserting The Charge Connector Into The Vehicle Charge Inlet

4. When the vehicle commences charging, the Charge Active indicator lights on the PL1/L2 Dual Level Charging Cord will cycle from left to right, and then both turn off. This pattern will repeat while the vehicle is charging. The lights are illuminated at the rate of approximately one cycle per second.

   NOTE:
   The vehicle should start charging automatically. If not, please check the following:

   - L1/L2 Dual Level Charging Cord — The L1/L2 Dual Level Charging Cord status indicators illuminate green or red to identify the charging status.
   - Wall Outlet — Check whether the wall outlet is functional (no power outage) and/or plug the L1/L2 Dual Level Charging Cord into a different wall outlet.
   - Charging Schedule — Check whether or not the charging schedules have been enabled. If enabled, check that you are within the scheduled time and day of the week. If a charging schedule has been enabled in the vehicle, and it is outside the time and day of the week, you may override the schedule for this charging event by plugging in the charge connector, unplugging it, and then plugging it back into the vehicle charge inlet. Complete the double plug sequence within 10 seconds for it to override the set schedule.
5. To stop the charging process, disconnect the L1/L2 Dual Level Charging Cord from the vehicle first, and then from the wall outlet. To disengage the vehicle coupler, push the button on the connector.

Removing The Charge Connector From The Vehicle Charge Inlet

6. Close the inlet door when a L1/L2 Dual Level Charging Cord is not connected to the vehicle.

NOTE:
It is good practice to keep the vehicle in the OFF position while conducting Level 1 Level 2 charging. This minimizes any additional vehicle loads the L1/L2 Dual Level Charging Cord has to support. The additional electrical loads will extend the high voltage battery charging time.

TROUBLESHOOTING USING THE STATUS INDICATOR DISPLAY

If the vehicle is not charging properly, consult the status indicator lights.

The **AC Power Indicator** displays the status and safety of the input power. If this indicator is green, the power is within acceptable limits to charge the vehicle. If only the AC Power Indicator is flashing red, then there is a

problem with the AC power at the electrical outlet. If the AC Power Indicator does not return to green, then the outlet should be inspected by a qualified electrician to ensure the voltage, frequency, and grounding are compliant to national and local electrical codes and ordinances. It may be possible to attempt charging from a different outlet.

The **Fault Indicator** displays the status of the L1/L2 Dual Level Charging Cord and the vehicle connection. The L1/L2 Dual Level Charging Cord will not allow charging while the fault indicator is red. If it is off, the L1/L2 Dual Level Charging Cord has not detected any internal faults, or faults with the vehicle connection. If the Fault Indicator is flashing red, there is a fault detected either with the L1/L2 Dual Level Charging Cord, electronics, or with the vehicle connection. The L1/L2 Dual Level Charging Cord may attempt to retry to provide current to the vehicle if the fault is cleared. If the L1/L2 Dual Level Charging Cord does not attempt to provide charge to the vehicle, the charge connector will need to be removed from the vehicle to clear the fault.

The fault code list in the following table provides a reference for the important faults that are detected by the L1/L2 Dual Level Charging Cord. When a fault is detected, the AC Power Indicator, the Fault Indicator, or both the AC Power and Fault Indicators will flash red. If only the AC Power Indicator is red, there is a problem on the AC Power side of the unit. If only the Fault Indicator is flashing red, there is a problem internal to the unit or with the vehicle. If both the AC Power and Fault Indicators are flashing red, an over temperature condition is detected at either the AC plug or within the L1/L2 Dual Level Charging Cord enclosure. Additional information about the faults is provided by a fault code that is displayed on the two green Charge Active Indicators. The fault code consists of four digits, each with a value of 1 or 2. The value of a digit is the number of indicators illuminated for that part of the sequence. For example, fault code (1, 2, 1, 1) will display the following sequence: One indicator will illuminate for 0.3 seconds, then two indicators will illuminate, then one indicator, and finally one indicator will illuminate. After all four fault code digits have been displayed, the indicators will remain off for one second before repeating the sequence.

L1/L2 Dual Level Charging Cord Fault Code List

Flashing Fault Code	Flashing Indicator	Fault Indication	Recommended Actions
1, 2, 2, 2	AC Power	Vehicle Current Draw is Too High	Check L1/L2 Dual Level Charging Cord and vehicle at an authorized dealership.
1, 1, 2, 1	AC Power	Incorrect Electrical Supply	Attempt to charge the vehicle at a different outlet. Contact a qualified electrician to check the electrical outlet and AC Supply (house wiring).
1, 1, 2, 2	AC Power	Incorrect Electrical Supply	Attempt to charge the vehicle at a different outlet. Contact a qualified electrician to check the electrical outlet and AC Supply (house wiring).
1, 2, 1, 1	AC Power	Incorrect Electrical Supply	Attempt to charge the vehicle at a different outlet. Contact a qualified electrician to check the electrical outlet and AC Supply (house wiring).

L1/L2 Dual Level Charging Cord Fault Code List			
Flashing Fault Code	Flashing Indicator	Fault Indication	Recommended Actions
1, 2, 1, 2	AC Power	Incorrect Electrical Supply	Attempt to charge the vehicle at a different outlet. Contact a qualified electrician to check the electrical outlet and AC Supply (house wiring).
1, 1, 1, 1	Fault	L1/L2 Dual Level Charging Cord Internal Fault	Unplug the L1/L2 Dual Level Charging Cord from the vehicle charge inlet and retry to charge. If the issue is not corrected, check the L1/L2 Dual Level Charging Cord and vehicle at an authorized dealership.
1, 1, 1, 2	Fault	L1/L2 Dual Level Charging Cord Internal Fault	Unplug the L1/L2 Dual Level Charging Cord from the vehicle charge inlet and retry to charge. If the issue is not corrected, check the L1/L2 Dual Level Charging Cord and vehicle at an authorized dealership.
1, 2, 2, 1	AC Power	Outlet Wiring Bad Ground	Attempt to charge the vehicle at a different outlet. Contact a qualified electrician to check the electrical outlet and AC Supply (house wiring).
1, 2, 1, 1	Fault	Portable Charging Cord (EVSE) Internal Fault	Check the L1/L2 Dual Level Charging Cord and vehicle at an authorized dealership.
1, 2, 1, 2	Fault	CCID Leakage Current Detected	Disconnect charge connector and retry charging. If problem persists, check the L1/L2 Dual Level Charging Cord and vehicle at an authorized dealership.
2, 2, 2, 1	Fault	Vehicle Interface Connector	Error with the Vehicle Charge Connector Interface — Check for water or other contamination in the vehicle charge inlet or charge connector.
2, 2, 2, 2	Fault	Vehicle Interface Connector	Error with the Vehicle Charge Connector Interface — Check for water or other contamination in the vehicle charge inlet or charge connector.

L1/L2 Dual Level Charging Cord Fault Code List			
Flashing Fault Code	Flashing Indicator	Fault Indication	Recommended Actions
1, 1, 2, 1	Fault & AC Power	Portable Charging Cord (EVSE) Enclosure Internal Temperature is Too High	Use caution as the L1/L2 Dual Level Charging Cord housing may be hot. It is recommended to move the L1/L2 Dual Level Charging Cord out of direct sun exposure. Allow the unit to cool. If error persists, check the L1/L2 Dual Level Charging Cord at an authorized dealer.
1, 1, 1, 2	Fault & AC Power	Hot AC Power Plug Warning	Use caution as the L1/L2 Dual Level Charging Cord AC Power Plug may be hot. It is recommended to carefully unplug the unit from the wall outlet and allow it to cool down. Attempt to charge the vehicle at a different wall outlet. Contact a qualified electrician to inspect/replace the wall outlet that was associated with the Hot AC Plug event. Charging will still occur, but at a reduced rate.
1, 1, 1, 1	Fault & AC Power	AC Power Plug Over Temperature	Use caution as the L1/L2 Dual Level Charging Cord AC Power Plug may be hot. It is recommended to carefully unplug the unit from the wall outlet and allow it to cool down. Attempt to charge the vehicle at a different outlet. Contact a qualified electrician to inspect/replace the outlet that was associated with the Hot AC Plug event.

Guidelines for preventing fire and electric shock:

- Ensure the L1/L2 Dual Level Charging Cord is positioned so it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- There are no user serviceable parts inside.
- Do not use the L1/L2 Dual Level Charging Cord if it is visibly damaged. Contact an authorized dealership for service.
- Do not place fingers, or any other objects inside the charge connector.
- Do not allow children to operate the L1/L2 Dual Level Charging Cord. Adult supervision is mandatory when children are in proximity when the L1/L2 Dual Level Charging Cord is in use.
- Do not use the L1/L2 Dual Level Charging Cord with an extension cord or plug adapters.
- Do not unplug the L1/L2 Dual Level Charging Cord from the wall outlet during a charging operation.

NOTE:
During normal operation, the charge connector or AC plug may feel warm. If either one feels hot during charging, unplug the L1/L2 Dual Level Charging Cord and have a qualified electrician inspect the wall outlet before you continue charging.

WARNING!

Do not use the L1/L2 Dual Level Charging Cord with an outlet that is worn or damaged. Failure to follow this warning can result in electrical shock, fire, property damage, and death or serious injury.

DC (Level 3) Charging

DC (Level 3) Charging is a significantly faster method of charging your vehicle either on the go or overnight. When using public charging stations, ensure the charging station is ready to provide charge before use. To begin charging:

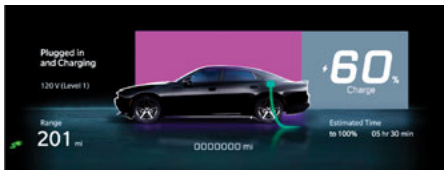
1. Ensure the vehicle is in PARK, and then connect the charge connector to the vehicle's charge inlet. After a short delay, the charge connector will lock into the vehicle's charge port, and the vehicle will begin to charge.
2. To stop the charging process, press the Smart Charge button to the right of the vehicle charging port. The charge indicator lights to the right of the charge port will begin to flash yellow, indicating that charge connector is unlocking from the vehicle. When the lights go out, the charge connector is unlocked. Remove the charge connector from the vehicle.

NOTE:

- DC Charging can vary from high to low power depending on potential external factors such as weather and power supply.
- Due to the convenience of DC Charging there may be a higher payment required depending on the charge station selected.
- The vehicle should start charging automatically. If not, please check the following:
  - Charging Station — Check the indications and instructions at the charging station.
  - Charging Schedule — Check whether the charging schedule is enabled and if so, whether the vehicle is currently within the scheduled charge time/day (weekday/weekend). If the charging schedule is enabled within the vehicle, you may override it for this charging event by plugging in the charge connector, unplugging it, and then plugging it back into the vehicle charge inlet. Complete the double plug sequence within 10 seconds for it to override the set schedule.

Vehicle Charge Indicators

There is a battery display indicator located on the instrument cluster. The battery display will indicate the current State Of Charge (SOC) for the high voltage battery; with the percentage value located to the right of the symbol. When plugged in, the battery symbol also indicates the battery level along with messages about the charge or whether the system is waiting to charge due to the charge schedule. These will appear unless there is a charging fault. A green plug telltale will be shown in the cluster, as well as applicable messaging when charging.



High Voltage Battery Display

Charge Port SOC Indicator

The SOC indicator provides a visual indication of the high voltage battery's charge status during charging. It is also used to indicate a charging problem as well as waiting for a scheduled charge to begin.

NOTE:
The lights flash one at a time when the vehicle is plugged in outside of its charging schedule time/day of the week, and it is waiting on the schedule to begin charging.

In extreme hot or cold environments, the lights on the SOC indicator may not illuminate. Charge status is available in the instrument cluster display. In the event of an error in the charging process, the outer two lights will blink.

Number Of Indicator Lights Illuminated	Percent Of Battery Charge
1st light blinks green	0 – 20%
1st light on, 2nd light blinks green	21 – 40%
1st and 2nd lights on, 3rd light blinks green	41 – 60%
1st, 2nd, and 3rd lights on, 4th light blinks green	61 – 80%
1st, 2nd, 3rd, and 4th lights on, 5th light blinks green	81 – 99%
All 5 green lights on	100%
Two outer lights are blinking red	Indicates an error in the charging process
Blue Lights turn on one at a time from bottom to top	Indicates system is waiting for scheduled time in charge schedule to begin charging
All lights turn on, then immediately turn off	Indicates a successful plug-in

NOTE:
For each segment of lights illuminated indicating the percent of battery charge, two different blink rates are used. A blink rate of 1 second on/1 second off indicates that the first half is charging. The blink rate will increase to 0.5 second on/0.5 second off to indicate that the second half is charging. When the battery is fully charged, the blinking stops and the lights remain illuminated as charging continues.

Emergency Release Cable – If Equipped

In the event of an emergency, the charging cordset can be unlocked manually from the charging port. The emergency release cable is located in the rear hatch of the vehicle, behind a quarter panel and next to the 12V battery.

Emergency Release Cable

1. Remove the quarter panel on the left side of the hatch by gently pulling it out.
2. Locate the yellow emergency release cable and pull the cable.

NOTE:
Pulling the emergency release cable may not provide feedback when the Charging corset is unlocked from the charging port. After pulling the emergency release cable, test the charging cordset by pressing the button on the cordset head and removing it from the charging port. If the cordset is still locked, pull the emergency release cable again.

Electric Vehicle App

Within the Uconnect system is the Electric Vehicle App that allows you to see your vehicle's power flow, understand your driving history, and set a charging schedule for your vehicle's high voltage battery. To access this App, press the Apps or Vehicle button on the main menu bar of the radio's touchscreen, and locate the Electric Vehicle App.

Electric Vehicle App Location

DRIVING PAGES

The Creep feature allows the vehicle to slow to a rolling speed. The vehicle will come to a complete stop if Creep is deactivated.

When Creep is turned off, the white telltale will appear in the instrument cluster. The Drive pages screen gives you the ability to turn Creep on or off.

POWER FLOW

The Power Flow screen shows the current power readings for all of the following:

- Battery - Shows the amount of power (in kW) the battery of the vehicle has remaining.
- Climate - Shows the amount of power (in kW) the Climate Control system is using to maintain the current interior temperature.

Power Flow paths are indicated by the direction of the arrows on the touchscreen.

Power Flow Screen

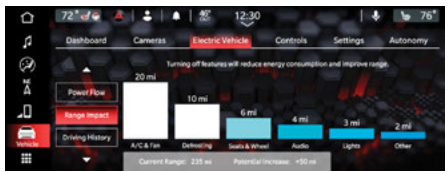
RANGE IMPACT SCREEN

The Range Impact screen will display the systems currently in use by the vehicle's user and how those systems are draining the total energy of the vehicle.

The systems are displayed in graphs and show the current range reduction while the system is operating.

The numbers used on the graph represent the average gained mileage if that specific system is turned off.

- **Current Range:** Current Range displays the remaining mileage the vehicle can drive before the battery is exhausted.
- **Potential Increase:** Potential Increase displays the possible, total gained mileage when all or some of the systems that a user can control are turned off.



Range Impact Screen

When a system is turned off, the Potential Increase will decrease, and Current Range will increase. When systems that drain the energy of the vehicle are turned on, the Current Range will decrease, and the Potential Increase will increase.

NOTE:

All values provided are an approximation and may not reflect the true current range or the true potential increase.

DRIVING HISTORY

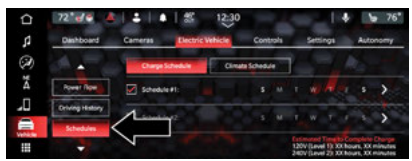
The Driving History screen shows the miles (km) driven in kWh (battery powered) at the current time compared to a weekly, two week, or four week average.

Driving History Screen

CHARGING SCHEDULE

To set a charging schedule, select the Electric Vehicle App in the touchscreen and follow these steps:

1. Select “Schedules”.



Schedules Tab

2. Select “Charge Schedule”.
3. Select the schedule 1 or 2 to be set by pressing the appropriate arrow on the right side of the screen.
4. Select what time Scheduled Charging should start and stop charging or select “Charge Until Full”. If “Charge Until Full” is selected a stop charging time cannot be selected.

5. Set the Charge Start Time: Hours, Minutes, and AM/PM.

   NOTE:

   This is to occur every week (as long as the vehicle is connected to an EVSE).

Set Charge Schedule

6. When done, press the X in the upper right hand corner, then select "yes" to save the charge schedule. The active schedule will be indicated by the check mark to the right of the schedule event line. The event action and time will be displayed.
7. To add another Scheduled Charging event, repeat these steps.

   NOTE:

   A maximum of two independent Scheduled Charging events can be scheduled at a given time.

NOTE:

- If the charging schedule is not enabled, the vehicle will charge whenever plugged in. It is not necessary to set up the charging schedule to charge the vehicle.
- If the vehicle is plugged in outside of the charging schedule set in the Uconnect system, the vehicle's battery will not charge. Charging will only begin immediately if the vehicle is plugged in within the time and day of the week set in the schedule. Otherwise, charging will automatically begin when the selected charge time/day of the week occurs or whenever the vehicle is plugged in with no charge schedule set.
- If the vehicle is turned off outside of the charging window, a radio pop-up message will be displayed, which provides an option to begin charging the vehicle immediately. The pop-up message asks the driver if they would like to "Charge Now?" and provides other information, including the next charging schedule start time and estimated time to charge the battery to 100%. If within one hour of selecting "Yes," the vehicle is connected to a powered EVSE, the vehicle will immediately begin to charge (temporarily ignoring any set charge schedule). To fully deactivate the charge schedule, refer to the "Schedules" feature within the Electric Vehicle App.
- The charging schedule can also be overridden if an EVSE is plugged in, unplugged, and then plugged in a second time to the vehicle. This "double plug sequence" will override the schedule that is set in the radio, and begin charging the vehicle immediately. The double plug sequence must be completed within 10 seconds for it to override the programmed schedule.
- If "Charge Until Full" is selected, and the vehicle is plugged in after the start time of the schedule, the vehicle will start charging when it reaches the start time the next day. If you would like to begin charging immediately, and continue charging until the vehicle is fully charged, you can select the "Charge Now" option or use the double plug override option.

AC CHARGE LEVEL

The fourth screen within the Electric Pages App is the AC Charge Settings screen. From this screen, you can select the rate at which your vehicle charges. Rate selections 1 (low rate of charge) through 5 (high rate of charge) are available. The lower the selected rate, the longer it will take for your vehicle to reach a full charge.

AC Charge Level Screen

The AC Charging Level can be adjusted by selecting one of the levels 1 through 5, with 1 being the slowest rate of charge and 5 being the fastest. The display also shows information related to:

- Battery Level — Indicates, in percentage, the high-voltage battery SOC.
- Estimate time to 100% — Corresponds to the time required to obtain full recharging of the high-voltage battery.

Charge Setting Amperage

The charge setting page shows five current levels that can be selected (one level at time). Each level is allowing a specific amperage value according to the following tables*:

If AC voltage is 120V (max amperage of Stellantis charging cable is 12A):

Level 1 Charging Amperage					
Levels	1	2	3	4	5*
Current Amperage	8 A	12 A	12 A	12 A	12 A*

If AC voltage is 240V (max amperage of Stellantis charging cable is 32A):

Level 2 Charging Amperage					
Levels	1	2	3	4	5
Current Amperage	8 A	12 A	16 A	24 A	32 A*

NOTE:

If charging cable is equipped with 'ampere setting' (possibility to choose a specific ampere value), please always set the charge setting in vehicle on level 5 to avoid a not expected charging current level. In this case, charging time will be correctly shown on vehicle screen after cable connection.

MAXIMUM BATTERY LEVEL

The Maximum Battery Level screen will allow you to adjust to total battery charge when charging the vehicle. The available options are 80% Daily Range and 100% Full Range.

Maximum Battery Level Screen

PLUG AND CHARGE — IF EQUIPPED

The Plug And Charge page shows the current active Vehicle Charging contracts with your energy provider, which allows for automatic payments when charging your vehicle at a compatible Plug And Charge charging station. When the charging cable is inserted into the charging port, the vehicle is automatically identified at the charging station and authorized for charging.

Within each energy provider menu, use the toggle for authorizing direct payments when the vehicle in plugged in.

NOTE:

Contracts are managed through the energy provider. For registration and contract information, refer to your provider's website for more details.

VEHICLE LOADING

DESCRIPTION

The load carrying capacity of your vehicle is shown on the Vehicle Certification Label. This information should be used for passenger and luggage loading as indicated.

Do not exceed the specified Gross Vehicle Weight Rating (GVWR) or the Gross Axle Weight Rating (GAWR).

Vehicle Certification Label

Your vehicle has a Vehicle Certification Label affixed to the driver's side B-pillar or the rear of the driver's door.

The label contains the following information:

- Name of manufacturer.
- Month and year of manufacture.
- Gross Vehicle Weight Rating (GVWR).
- Gross Axle Weight Rating (GAWR) front.
- Gross Axle Weight Rating (GAWR) rear.
- Vehicle Identification Number (VIN).
- Type of vehicle.
- Month, Day, and Hour (MDH) of manufacture.

The bar code allows a computer scanner to read the VIN.

* Maximum amperage could be higher if using alternative charging equipment other than provided charging cable. In this case, charging time will be correctly shown on vehicle screen after cable connection.

Gross Vehicle Weight Rating (GVWR)

The GVWR is the total allowable weight of your vehicle. This includes driver, passengers, and cargo. The total load must be limited so that you do not exceed the GVWR.

Payload

The payload of a vehicle is defined as the allowable load weight a vehicle can carry, including the weight of the driver, all passengers, options and cargo.

Gross Axle Weight Rating (GAWR)

The GAWR is the maximum 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.

WARNING!
Because the front wheels steer the vehicle, 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.

Overloading

The load carrying components (axle, springs, tires, wheels, etc.) of your vehicle will provide satisfactory service as long as you do not exceed the GVWR and the front and rear GAWR.

The best way to figure out the total weight of your vehicle is to weigh it when it is fully loaded and ready for operation. Weigh it on a commercial scale to ensure that it is not over the GVWR.

Figure out the weight on the front and rear of the vehicle separately. It is important that you distribute the load evenly over the front and rear axles.

Overloading can cause potential safety hazards and shorten useful service life. Heavier axles or suspension components do not necessarily increase the vehicle's GVWR.

Loading

To load your vehicle properly, first figure out its empty weight, axle-by-axle and side-by-side. Store heavier items down low and be sure you distribute their weight as evenly as possible. Stow all loose items securely before driving. If weighing the loaded vehicle shows that you have exceeded either GAWR, but the total load is within the specified GVWR, you must redistribute the weight. Improper weight distribution can have an adverse effect on the way your vehicle steers and handles and the way the brakes operate.

NOTE:

- Refer to the Vehicle Certification Label affixed to the rear of the driver's door for your vehicle's GVWR and GAWR.
- Refer to the Tire And Loading Information Placard for your vehicle's proper tire pressure ⇨ page 268.

TRAILER TOWING

Trailer towing with this vehicle is not recommended.

RECREATIONAL TOWING (BEHIND MOTORHOME)

Recreational towing (with all four wheels on the ground, or using a tow dolly) is **NOT ALLOWED**. The only acceptable method for towing this vehicle (behind another vehicle) is on a vehicle trailer with all four wheels **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.

DRIVING TIPS

Driving On Slippery Surfaces

Information in this section will aid in safe controlled launches in adverse conditions.

Acceleration

Rapid acceleration on snow covered, wet, or other slippery surfaces may cause the driving wheels to pull erratically to the right or left. This phenomenon occurs when there is a difference in the surface traction under the front (driving) wheels.

WARNING!

Rapid acceleration on slippery surfaces is dangerous. Unequal traction can cause sudden pulling of the front wheels. You could lose control of the vehicle and possibly have a collision. Accelerate slowly and carefully whenever there is likely to be poor traction (ice, snow, wet, mud, loose sand, etc.).

Traction

When driving on wet or slushy roads, it is possible for a wedge of water to build up between the tire and road surface. This is known as hydroplaning and may cause partial or complete loss of vehicle control and stopping ability. To reduce this possibility, the following precautions should be observed:

- Slow down during rainstorms or when the roads are slushy.
- Slow down if the road has standing water or puddles.
- Replace tires when tread wear indicators first become visible.
- Keep tires properly inflated.
- Maintain sufficient distance between your vehicle and the vehicle in front of you to avoid a collision in a sudden stop.

Your vehicle may be equipped with a Limited Slip Differential (LSD) that reduces, but does not eliminate, the amount of wheel slip across a given axle for improved handling.

Driving Through Water

Driving through water more than a few inches/centimeters deep will require extra caution to ensure safety and prevent damage to your vehicle.

Flowing/Rising Water

WARNING!

Do not drive on or across a road or path where water is flowing and/or rising (as in storm run-off). Flowing water can wear away the road or path's surface and cause your vehicle to sink into deeper water. Furthermore, flowing and/or rising water can carry your vehicle away swiftly. Failure to follow this warning may result in injuries that are serious or fatal to you, your passengers, and others around you.

Shallow Standing Water

Although your vehicle is capable of driving through shallow standing water, consider the following Warnings and Cautions before doing so.

WARNING!

- Driving through standing water limits your vehicle's traction capabilities. Do not exceed 5 mph (8 km/h) when driving through standing water.
- Driving through standing water limits your vehicle's braking capabilities, which increases stopping distances. Therefore, after driving through standing water, drive slowly and lightly press on the brake pedal several times to dry the brakes.

(Continued)

WARNING!

- Failure to follow these warnings may result in injuries that are serious or fatal to you, your passengers, and others around you.

CAUTION!

- Always check the depth of the standing water before driving through it. Never drive through standing water that is deeper than the bottom of the tire rims mounted on the vehicle.
- Determine the condition of the road or the path that is under water and if there are any obstacles in the way before driving through the standing water.
- Do not exceed 5 mph (8 km/h) when driving through standing water. This will minimize wave effects.
- Driving through standing water may cause damage to your vehicle's drivetrain components. Always inspect your vehicle's fluids for signs of contamination (i.e., fluid that is milky or foamy in appearance) after driving through standing water. Do not continue to operate the vehicle if any fluid appears contaminated, as this may result in further damage. Such damage is not covered by the New Vehicle Limited Warranty.

ENHANCED DRIVING ASSISTANCE SYSTEMS

SENSORS

Audible Pedestrian Warning System — If Equipped

Your vehicle may be equipped with an Audible Pedestrian Warning system. The Audible Pedestrian Warning system uses distinct sounds to alert pedestrians that your vehicle is approaching. In addition, the system will indicate changes in vehicle speed by varying the relative volume.

The system uses two external speakers. One is located in the under-hood compartment and the other is in the rear of the vehicle. The Audible Pedestrian Warning system is active when the vehicle is not in PARK and is traveling at lower speeds. Depending on the selected gear (REVERSE, DRIVE, or NEUTRAL), the system activates the corresponding speaker location based on the intended direction of travel.

WARNING!

The Audible Pedestrian Warning system is not intended to avoid a collision. It is always the driver's responsibility to be attentive to the vehicle's distance between other vehicles, people, and objects, and most importantly utilize brake operation to ensure safe driving of the vehicle under all road conditions. Your complete attention is always required while

(Continued)

WARNING!

driving to maintain safe control of your vehicle. Failure to follow this warning could result in a collision or serious personal injury.

Rear Seat Reminder Alert (RSRA) — If Equipped

RSRA alerts you through visual and auditory notifications of the possible presence of an object, passenger, or pet in the rear seats if a rear door was opened up to 10 minutes before the start button was placed in the ON/RUN position. RSRA does not directly detect objects, passengers, or pets in the rear seats. When the previous conditions are met, RSRA displays the message “Check Rear Seat” on the instrument cluster display and sounds an auditory alert upon the driver placing the Start button in the OFF position.

To enable or disable RSRA, see ⇨ page 115.

WARNING!

- The Rear Seat Reminder Alert is not available when the vehicle is in Storage Mode.
- Make sure to check the rear seats for children and animals before engaging Storage Mode.

WARNING!

- Before exiting a vehicle, always come to a complete stop, then shift the gear selector into PARK and apply the parking brake.
- Always make sure the Start button is in the OFF position, key fob is removed from the vehicle and vehicle is locked.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Leaving children in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave children or animals inside parked vehicles in hot weather. Interior heat buildup may cause serious injury or death.

COLLISION AVOIDANCE ASSISTANCE SYSTEM

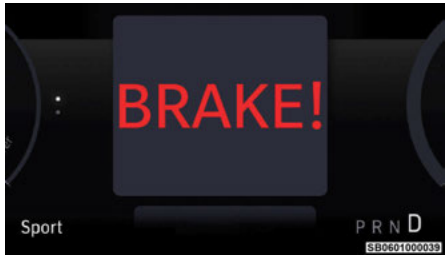
Forward Collision Warning (FCW) With Mitigation Operation

FCW with Mitigation provides the driver with audible and visual warnings (within the instrument cluster display) 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 Stability Control (ESC) system, 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. 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 20 mph (32 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 standstill for two seconds and then release the brakes.



FCW Message

When the system determines a collision with the vehicle in front of you is no longer probable, the warning message will be deactivated.

NOTE:

- The minimum speed for FCW activation is 3 mph (5 km/h).
- The FCW alerts may be triggered on objects other than vehicles such as guardrails or sign posts based on the course prediction. This is expected and is a part of normal FCW activation and functionality.
- It is unsafe to test the FCW system. To prevent such misuse of the system, after four Active Braking events within a key cycle, the Active Braking portion of FCW will be deactivated until the next key 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.

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.

Turning FCW On Or Off

The FCW button is located in the Uconnect display in the control settings ⇨ page 115.

- To turn the FCW system on, press the forward collision button once.
- To turn the FCW system off, press the forward collision button once.

NOTE:

- When the FCW is “on”, this allows the system to warn the driver of a possible collision with the vehicle in front.
- When the FCW is “off”, this prevents the system from warning the driver of a possible collision with the vehicle in front. If the FCW is set to “off”, “FCW OFF” will be displayed in the instrument cluster display.
- When FCW status is set to “Only Warning”, this 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.
- When FCW status is set to “Warning and 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.

NOTE:
The FCW system state is kept in memory from one key cycle to the next. If the system is turned off, it will remain off when the vehicle is restarted.

Changing FCW And Active Braking Status

The FCW Sensitivity and Active Braking settings are programmable through the Uconnect system. Refer to ⇨ page 115 for further information.

- Far
  - When the sensitivity of FCW is set to the “Far” setting and the system status is “Only Warning” or "Warning & Braking", this allows the system to warn the driver of a possible more distant collision with the vehicle in front using audible/visual warnings.
  - More cautious drivers that do not mind frequent warnings may prefer this setting.

  NOTE:
  The “Far” setting may result in a greater number of FCW possible collision warnings experienced.

- Medium
  - When the sensitivity of FCW is set to the “Medium” setting and the system status is “Only Warning” or "Warning & Braking", this allows the system to warn the driver of a possible collision with the vehicle in front using audible/visual warnings.
- Near
  - When the sensitivity of FCW is set to the “Near” setting and the system status is “Only Warning” or "Warning & Braking", this allows the system to warn the driver of a possible closer collision with the vehicle in front using audible/visual warnings.
  - This setting provides less reaction time than the “Far” and “Medium” settings, which allows for a more dynamic driving experience.
  - More dynamic or aggressive drivers that want to avoid frequent warnings may prefer this setting.

  NOTE:
  The “Near” setting may result in a lesser number of FCW possible collision warnings experienced.

- ○ 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 disables in the same manner as ACC, and will display a screen indicating that the feature is unavailable when it has been disabled.

FCW Limited Warning

If the instrument cluster display reads “ACC/FCW Limited Functionality” or “ACC/FCW Limited Functionality Clean Front Windshield” momentarily, there may be a condition that limits FCW functionality. Although the vehicle is still drivable under normal conditions, the active braking may not be fully available. Once the condition that limited the system performance is no longer present, the system will return to its full performance state. If the problem persists, see an authorized dealer.

Service FCW Warning

If the system turns off, and the instrument cluster display reads:

- ACC/FCW Unavailable Service Required
- Cruise/FCW Unavailable Service Required

This indicates there is an internal system fault. Although the vehicle is still drivable under normal conditions, have the system checked by an authorized dealer.

Pedestrian Emergency Braking (PEB) — If Equipped

PEB is a subsystem of the FCW system that provides the driver with audible and visual warnings in the instrument cluster display, and may apply automatic braking when it detects a potential frontal collision with a pedestrian/cyclist.

If a PEB event begins at a speed below 37 mph (60 km/h), the system may provide braking to mitigate the potential collision with a pedestrian/cyclist. If the PEB event stops the vehicle completely, the system will hold the vehicle at a standstill for two seconds and then release the brakes. When the system determines a collision with the pedestrian/cyclist in front of you is no longer probable, the warning message will be deactivated.

The minimum speed for PEB activation is 3 mph (5 km/h).

WARNING!

Pedestrian Emergency Braking (PEB) is not intended to avoid a collision on its own, nor can PEB detect every type of potential collision with a pedestrian/cyclist. The driver has the responsibility to avoid a collision by controlling the vehicle via braking and steering. Failure to follow this warning could lead to serious injury or death.

Intersection Collision Assist (ICA) — If Equipped

ICA uses three front radar sensors located in the front fascia/bumper, to detect oncoming vehicles from the front or side when driving through an intersection. When the system determines that a collision is probable when turning across oncoming traffic, the system will attempt to mitigate a possible collision by decelerating the vehicle. When the system determines that a collision with a crossing vehicle is probable, the system may apply additional braking to supplement the driver braking input to attempt to mitigate a possible collision. The system will also provide audible warnings and visual warnings (shown in the instrument cluster). If the driver determines acceleration is needed to avoid a collision, when the accelerator is pressed ICA will cancel.

VEHICLE STABILITY ASSISTANCE SYSTEM

Electronic Stability Control (ESC)

ESC enhances directional control and stability of the vehicle under various driving conditions. ESC corrects for oversteering or understeering of the vehicle by applying the brake of the appropriate wheel(s) to counteract these conditions. Acceleration may also be reduced to help the vehicle maintain the desired path.

- Oversteer — when the vehicle is turning more than appropriate for the steering wheel position.
- Understeer — when the vehicle is turning less than appropriate for the steering wheel position.

ESC uses sensors in the vehicle to determine the vehicle path intended by the driver and compares it to the actual path of the vehicle. When the actual path does not match the intended path, ESC applies the brake of the appropriate wheel to assist in counteracting these conditions.

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 power 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

(Continued)

WARNING!

(Continued)

surfaces, or hydroplaning. ESC also cannot prevent accidents resulting from loss of vehicle control due to inappropriate driver input for the conditions. Only a safe, attentive, and skillful driver can prevent accidents. The capabilities of an ESC equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.

- Vehicle modifications, or failure to properly maintain your vehicle, may change the handling characteristics of your vehicle, and may negatively affect the performance of the ESC system. Changes to the steering system, suspension, braking system, tire type and size or wheel size may adversely affect ESC performance. Improperly inflated and unevenly worn tires may also degrade ESC performance. Any vehicle modification or poor vehicle maintenance that reduces the effectiveness of the ESC system can increase the risk of loss of vehicle control, vehicle rollover, personal injury and death.

ESC Operating Modes

Depending upon model and mode of operation, the ESC system may have multiple operating modes.

"ESC On"

This is the normal operating mode for the ESC. Whenever the vehicle is started, the ESC system will be in this mode. This mode should be used for most driving conditions. Alternate ESC modes should only be used for specific reasons as noted in the following paragraphs.

"Partial Off"

This mode may be useful if the vehicle becomes stuck. This mode may modify TCS and ESC thresholds for activation, which allows for more wheel spin than normally allowed.

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

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 power reduction feature of Traction Control System (TCS) is disabled, and the enhanced vehicle stability offered by the ESC system is reduced.

NOTE:

- For vehicles with multiple partial ESC modes, the push and release of the button will toggle the ESC modes. Multiple attempts may be required to return to "ESC On" mode.
- Trailer Sway Control (TSC) is disabled when the ESC system is in the “Partial Off” mode.
- If Equipped — "ESC Sport" and "ESC Track" are ESC “Partial Off” mode(s).

“Full Off” – If Equipped

This mode is intended for off-highway or off-road use only and should not be used on any public roadways. In this mode, TCS and ESC features are turned off. To enter the “Full Off” mode, push and hold the ESC OFF button for five seconds while the vehicle is stopped with the electric motor ON. After five seconds, a chime will sound, the ESC OFF Indicator Light will illuminate, and the ESC OFF message will display in the instrument cluster. To turn ESC on again, momentarily push the ESC OFF button.

WARNING!

- In the ESC “Full Off” mode, the electric motor torque reduction and stability features are disabled. Therefore, enhanced vehicle stability offered by the ESC system is unavailable. In an emergency evasive maneuver, the ESC system will not engage to assist in maintaining stability. ESC “Full Off” mode is intended for off-highway or off-road use only.
- The 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 all accidents, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. ESC also cannot prevent collisions.

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 vehicle is placed in the ON/RUN mode. It should go out with the electric motor ON. If the ESC Activation/Malfunction Indicator Light comes on continuously with the electric motor ON, a malfunction has been detected in the ESC system. If this light remains on after several key 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 indicates the customer has elected to have the Electronic Stability Control (ESC) in a reduced mode.

NOTE:

- The ESC Activation/Malfunction Indicator Light and the ESC OFF Indicator Light come on momentarily each time the vehicle is placed in the ON mode.
- Each time the vehicle is placed in the ON mode, the ESC system will be on even if it was turned off previously.
- The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive following the maneuver that caused the ESC activation.

Traction Control System (TCS)

The TCS monitors the amount of wheel spin of each of the driven wheels. If wheel spin is detected, the TCS may apply brake pressure to the spinning wheel(s) and/or reduce power to provide enhanced acceleration and stability. A feature of the TCS, Brake Limited Differential (BLD) functions similarly to a limited slip differential and controls the wheel spin across a driven axle. If one wheel on a driven axle is spinning faster than the other, the system will apply the brake of the spinning wheel. This will allow more power to be applied

to the wheel that is not spinning. BLD may remain enabled even if TCS and ESC are in reduced modes.

BRAKING PERFORMANCE ASSISTANCE SYSTEM

Brake System Warning Light

The red Brake System Warning Light will turn on when the vehicle is placed in the ON/RUN mode and may stay on for as long as four seconds.

If the Brake System Warning Light remains on or comes on while driving, it indicates that the brake system is not functioning properly and that immediate service is required. If the Brake System Warning Light does not come on when the vehicle is placed in 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.

Ready Alert Braking (RAB)

RAB may reduce the time required to reach full braking during emergency braking situations. It anticipates when an emergency braking situation may occur by monitoring how fast the throttle is released by the driver. The Electronic Brake Controller (EBC) will prepare the brake system for a panic stop.

Electronic Brake Force Distribution (EBD)

EBD manages the distribution of the braking torque between the front and rear axles by limiting braking pressure to the rear axle. This is done to prevent overslip of the rear wheels to avoid vehicle instability, and to prevent the rear axle from entering ABS before the front axle.

Rain Brake Support (RBS)

RBS may improve braking performance in wet conditions. It will periodically apply a small amount of brake pressure to remove any water buildup on the front brake rotors. It functions when the windshield wipers are in LO or HI speed. When RBS is active, there is no notification to the driver and no driver interaction is required.

Anti-Lock Brake System (ABS)

The ABS provides increased vehicle stability and brake performance under most braking conditions. The system automatically prevents wheel lock and enhances vehicle control during braking.

The ABS performs a self-check cycle to ensure that the ABS is working properly each time the vehicle is started and driven. During this self-check, you may hear a slight clicking sound as well as some related motor noises.

The ABS is activated during braking when the system detects one or more wheels are beginning to lock. Road conditions such as ice, snow, gravel, bumps, railroad tracks, loose debris, or panic stops may increase the likelihood of ABS activation(s).

You also may experience the following normal characteristics when the ABS activates:

- ABS motor noise or clicking sounds (you may continue to hear for a short time after the stop)
- Brake pedal pulsations
- A slight drop of the brake pedal at the end of the stop

The ABS is designed to function with the Original Equipment Manufacturer (OEM) tires. Modification may result in degraded ABS performance.

WARNING!

- The ABS contains sophisticated electronic equipment that may be susceptible to interference caused by improperly installed or high output radio transmitting equipment. This interference can cause possible loss of anti-lock braking capability. Installation of such equipment should be performed by qualified professionals.
- Pumping of the Anti-Lock Brakes will diminish their effectiveness and may lead to a collision. Pumping makes the stopping distance longer. Just press firmly on your brake pedal when you need to slow down or stop.
- The ABS cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase braking or steering efficiency beyond that afforded by the condition of the vehicle brakes and tires or the traction afforded.
- The ABS cannot prevent collisions, including those resulting from excessive speed in turns, following another vehicle too closely, or hydroplaning.
- The capabilities of an ABS equipped vehicle must never be exploited in a reckless or dangerous manner that could jeopardize the user's safety or the safety of others.

Anti-Lock Brake System (ABS) Warning Light

The yellow ABS Warning Light will turn on when the vehicle is placed in the ON/RUN mode and may stay on for as long as four seconds.

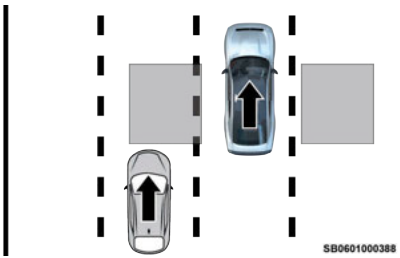
If the ABS Warning Light remains on or comes on while driving, it indicates that the anti-lock portion of the brake system is not functioning and that service is required. However, the conventional brake system will continue to operate normally if the ABS Warning Light is on.

If the ABS Warning Light is on, the brake system should be serviced as soon as possible to restore the benefits of anti-lock brakes. If the ABS Warning Light does not come on when the vehicle is placed in the ON/RUN mode, have the light repaired as soon as possible.

VISIBILITY ASSISTANCE SYSTEM

Blind Spot Monitoring (BSM)

The BSM system uses two radar sensors, located inside the rear fascia/bumper, to detect highway licensable vehicles (automobiles, trucks, motorcycles, etc.) that enter the blind spot zones from the rear/front/side of the vehicle.



Rear Detection Zones

When the vehicle is started, the BSM Warning Light will momentarily illuminate in both outside rearview mirrors to let the driver know that the system is operational.

The BSM system sensors operate when the vehicle is in any forward gear.

BSM Warning Light

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 outside rearview mirror and extends approximately 10 ft (3 m) beyond the rear fascia/bumper of the vehicle. The BSM system monitors the detection zones on both sides of the vehicle when the vehicle speed 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 the BSM Warning Light remaining illuminated the entire time the vehicle is in a forward gear.

- 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/bumper 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/bumper where the radar sensors are located with foreign objects (bumper stickers, bicycle racks, etc.).

The BSM system can become blocked if snow, ice, mud, or other road contaminations accumulate on the rear fascia/bumper where the radar sensors are located. The system may also detect blockage if the vehicle is operated in areas with extremely low radar returns such as a desert or parallel to a large elevation drop. If a blockage is detected, a “Blind Spot Temporarily Unavailable, Wipe Rear Corners” message will display in the cluster, both mirror lights will illuminate, and BSM and RCP alerts will not occur. This is normal operation. The system will automatically recover and resume function when the condition clears. To minimize system blockage, do not block the area of the rear fascia/bumper where the radar sensors are located with foreign objects (bumper stickers, bicycle racks, etc.) and keep it clear of road contaminations.

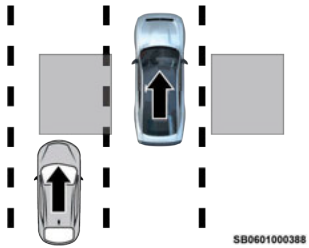
BSM Sensor Location (Left Side Shown)

The BSM system notifies the driver of objects in the detection zones by illuminating the BSM Warning Light located in the outside mirrors in addition to sounding an audible (chime) alert and reducing the radio volume, ⇨ page 182 for further information.

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

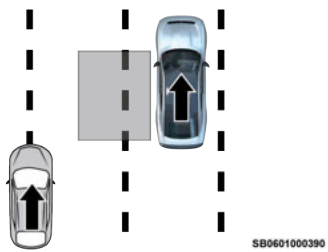
Vehicles that move into your adjacent lanes from either side of the vehicle.



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 31 mph (50 km/h).

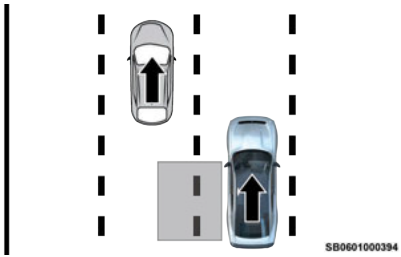


Rear Monitoring

Overtaking Traffic

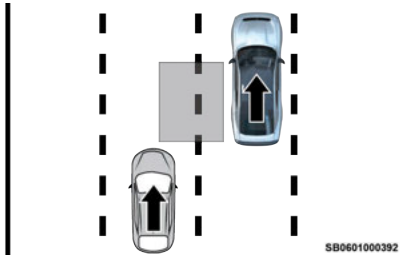
If you pass another vehicle slowly (with a relative speed of less than 15 mph (24 km/h)) and the

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.



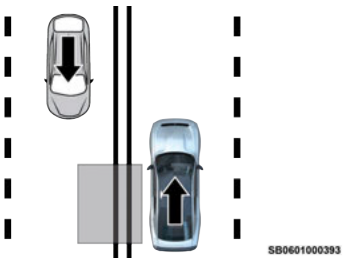
Overtaking/Approaching

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.



Overtaking/Passing

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



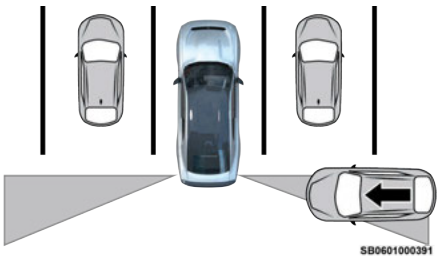
Opposing Traffic

WARNING!

The Blind Spot Monitoring system is only an aid to help detect objects in the blind spot zones. The BSM system is not designed to detect pedestrians, bicyclists, or animals. Even if your vehicle is equipped with the BSM system, always check your vehicle's mirrors, glance over your shoulder, and use your turn signal before changing lanes. Failure to do so can result in serious injury or death.

Rear Cross Path (RCP)

RCP is intended to aid the driver when backing out of parking spaces where their vision of oncoming vehicles may be blocked. Proceed slowly and cautiously out of the parking space until the rear end of the vehicle is exposed. The RCP system will then have a clear view of the cross traffic and if an oncoming vehicle is detected, alert the driver.



RCP Detection Zones

RCP monitors the rear detection zones on both sides of the vehicle, for objects that are moving toward the side

of the vehicle with a minimum speed of approximately 3 mph (5 km/h), to objects moving a maximum of approximately 20 mph (32 km/h), such as in parking lot situations.

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.

NOTE:
In a parking lot situation, oncoming vehicles can be blocked 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.

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.

Blind Spot Modes

Blind Spot Alert Lights Only

Blind Spot has three selectable modes of operation that are available in the Uconnect system.

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 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 volume is reduced so that the alert can be better heard.

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 audio alerts will be issued. In addition to the audible alert the radio (if on) volume will be reduced so that the alert can be better heard.

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 volume is reduced so that the alert can be better heard.

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.

LANE CENTERING ASSISTANCE SYSTEM

Active Lane Management System — If Equipped

Operation

The Active Lane Management (ALM) system uses a forward facing camera to detect lane markings or road edges and to measure vehicle position within the lane boundaries. It also uses the Blind Spot Monitoring (BSM) sensors to detect vehicles in adjacent lanes while the driver is preparing to change lanes.

The system is operational at speeds above 37 mph (60 km/h) and below 112 mph (180 km/h).

When both lane markings are detected, and the vehicle approaches (or crosses) the lane marking with no turn signal applied, and the blind spot zone is not occupied, the ALM system provides warnings to prompt the driver to remain within the lane boundaries. These warnings include a visual warning in the instrument cluster along with steering assist torque (if configured in Uconnect Settings).

If the driver crosses the lane marking, the system will either guide the vehicle back to the center of the lane, provide a vibration in the steering wheel, or both, depending on radio settings.

When both lane markings are detected, and the driver uses the turn signal to indicate a lane change, and a vehicle is detected in the BSM zone on that side of the vehicle, the ALM system provides a warning in the form of steering assist and/or steering vibration

(depending on radio settings) to guide the vehicle back to the center of the lane.

NOTE:

- The system will suppress visual warnings, steering vibration (if selected in radio settings), and steering assistance (if selected in radio settings) when the driver activates the turn signal, the blind spot zone is clear of vehicles, and a lane change is occurring.
- If the Blind Spot Monitoring (BSM) system detects a vehicle in the adjacent lane, and the turn signal is applied in that direction, the BSM LED on the mirror will flash. If the driver continues to attempt the lane change, steering wheel torque will be provided to keep the vehicle within its lane markings.

The driver may manually override the steering assist warning by applying force to the steering wheel at any time.

When only a single lane marking is detected and the driver drifts across the lane marking (no turn signal applied), the Active Lane Management system provides a visual warning in the instrument cluster, as well as a steering assist torque (if configured in Uconnect Settings), to prompt the driver to remain within the lane boundaries. If the driver continues to drift out of the lane, the system provides a flashing visual warning through the instrument cluster display as well as a haptic steering wheel vibration (if configured in Uconnect Settings) when the vehicle crosses the lane boundary.

NOTE:

When operating conditions have been met, the Active Lane Management system will monitor if the driver's hands are on the steering wheel and provides an audible and visual warning to the driver if removed. The system will cancel if the driver does not return their hands to the wheel.

Turning Active Lane Management On Or Off

The Active Lane Management button is located on the switch panel below the Uconnect display.

To turn the system on, push the Active Lane Management button (LED turns off). A message is shown in the instrument cluster display.

To turn the system off, push the button again (LED turns on).

NOTE:

The Active Lane Management system will retain the last system state on or off from the last key cycle when the Start button is placed in the ON/RUN position.

Active Lane Management Warning Message

The Active Lane Management system will indicate the current lane drift condition through the instrument cluster display.

Lane Departure

- When the system is on, the lane lines are gray.

Lanes Sensed (Gray Lines)

- When the system senses a lane drift situation, the left lane line turns solid yellow. At this time, steering assist warning is applied to the steering wheel in the opposite direction of the lane boundary.

  For example: If approaching the left side of the lane, the steering wheel will turn to the right.

Lane Drift (Solid Yellow Line)

- When the system senses the lane line is being crossed, the left lane line changes from solid yellow

to flashing yellow (on/off). At this time, vibration is applied to the steering wheel.

For example: If approaching the left side of the lane, the steering wheel will turn to the right.

Lane Crossed (Flashing Yellow Line)

NOTE:
- The Active Lane Management system operates with similar behavior for a right lane departure.
- If the turn signal is activated, and the vehicle begins to depart the lane at the same time the Blind Spot Monitoring (BSM) system detects another vehicle in the BSM zones, the system will provide a haptic steering wheel vibration and/or steering assist torque (if programmed in Uconnect Settings).

Changing Active Lane Management Status

Configurable settings for the Active Lane Management system are available within the Uconnect system ⇨ page 115.

Selectable Warning Types:

- Vibration Only
- Steering Assist Only
- Vibration And Steering Assist

Other configurable settings for this system are: steering assist warning (hi/med/low), and the warning zone sensitivity (early/medium/late).

NOTE:
- The system will not apply vibration and/or steering assist to the steering wheel whenever a safety system engages (Anti-Lock Brakes, Traction Control System, Electronic Stability Control, Forward Collision Warning, etc.).
- The Blind Spot Monitoring system will be forced on when the ALM system is enabled.
- The ALM system will be suppressed when the Active Driving Assist system (if equipped) is engaged.

Active Driving Assist System — If Equipped

Operation

The Active Driving Assist (ADA) system is combined with the Adaptive Cruise Control (ACC) system, and centers the vehicle in the driving lane while traveling at speeds up to 90 mph (145 km/h).

For ACC system operating instructions and system limitations, see ⇨ page 199.

NOTE:
- The driver should always obey traffic laws and speed limits. Never drive above applicable speed limit restrictions.
- The driver can override ADA at any time by braking, accelerating, or steering the vehicle.

Just like ACC, ADA will maintain a set speed as long as the set distance between your vehicle and the vehicle in front is maintained. ADA will also keep your vehicle centered between the lane lines, and monitor for other vehicles in adjacent lanes by utilizing the Blind Spot Monitoring sensors.

Active Driving Assist System

The ADA system uses sensors within the steering wheel to measure driver attentiveness, and requires that the driver have their hands on the steering wheel at all times.

The system will generally aim to keep the vehicle centered in the lane, but when the driver turns the steering wheel (e.g. to move farther away from a large vehicle in an adjacent lane) the system will reduce its control and enter "co-steering" mode. While in co-steering mode, the system will provide reduced assistance and allow the driver to control the path of the vehicle. Once the driver stops providing input to the steering wheel, the system will require a few seconds to fully resume lane centering assistance, especially during curves.

WARNING!

The driver is always responsible for determining if a lane change is safe. Failure to follow this warning can result in a collision and death or serious personal injury.

WARNING!

The Active Driving Assist (ADA) system is a convenience system. It is not a substitute for active driver involvement. It is always the driver's responsibility to be attentive of road traffic, weather conditions, vehicle speed, distance to the vehicle ahead, position in the lane compared to other vehicles, and 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.

Some states and local laws may require hands to be kept on the steering wheel at all times.

You should turn off the Active Driving Assist systems:

- When driving in complex driving situations (e.g. urban environments, construction zones, etc.), adverse weather or low visibility conditions (e.g. rain, snow, fog, sleet, dust), or adverse road conditions (e.g. heavy traffic, worn or missing lane markings, etc.).
- When entering a highway on-ramp or exiting an off-ramp.

(Continued)

WARNING!

- When driving on roads that are icy, snow covered, or slippery.
- When driving during difficult or uncertain conditions.

Turning Active Driving Assist On Or Off

Active Driving Assist On/Off Button

To enable the Active Driving Assist system, proceed as follows:

1. Push the Active Driving Assist on/off button located on the right side of the steering wheel. The steering wheel image will display white in the instrument cluster display until the system is engaged. If ACC was previously disabled, pushing this button will activate BOTH ACC and Active Driving Assist systems.
2. If ACC was engaged before pushing the ADA on/off button, ACC will remain active and ADA will also become engaged (once all other conditions are met).
3. If ACC was not active before pushing the ADA on/off button, push the SET **(+)** button or the SET **(-)** button and release when the desired driving speed is shown in the instrument cluster display.
4. If desired, adjust the ACC distance setting by pushing the Distance Increase or Distance Decrease buttons.

When all system conditions are met as described in "System Engagement Conditions" in the next section, the system will engage and the steering wheel image in the display will change to green.

Active Driving Assist Engaged (Steering Wheel Green)

System Engagement Conditions

The following conditions must be met before the system will engage and will NOT be shown in the ADA status message location:

- Active Driving Assist system is enabled (white ADA status icon)
- Turn signal is not activated
- Driver seat belt is buckled
- Driver door is closed
- Driver is not pressing the brake pedal
- Driver has hands on steering wheel

The following conditions must be met before the system will engage and WILL be shown in the ADA status message location:

- System detects visible lane markings
- Vehicle is traveling below 90 mph (145 km/h)
- Vehicle is centered in lane
- Vehicle is not in a tight curve
- Trailer is not connected

NOTE:
For the system to detect the driver's hands on the steering wheel, the wheel must be gripped on the outside. Gripping the inside areas of the steering wheel will not satisfy the hands-on condition to engage the system.

Do Not Grip Inside Of Steering Wheel

System Deactivation

The system will be deactivated in any of the following situations:

- The system initiates a Stop-In-Lane maneuver to stop the vehicle due to driver inattentiveness. The Stop-In-Lane maneuver can be overridden by placing hands on the steering wheel and applying the accelerator or brake pedal. Refer to "Indications On The Display" in the next section for further information
- If lane markings are no longer detected or poor road conditions are experienced
- If the brake pedal is pressed or ACC system is deactivated
- If a turn signal is used (unless a target is in the blind spot zone on the same side the turn signal is being applied)
- If the driver performs an evasive maneuver, applying high torque to the steering wheel for a short duration
- If the driver's seat belt is unbuckled
- If the vehicle speed exceeds 90 mph (145 km/h)
- If the Active Driving Assist on/off button is pushed again (ADA will turn off)
- If the driver steers out of the lane and crosses a lane marking
- If the Forward Collision Warning (FCW) system becomes active and is providing warnings/braking

NOTE:
- ADA will not enable if the system detects a trailer is connected to the vehicle.
- Pushing the Active Driving Assist on/off button or deactivating ACC will turn the system off. All other deactivation conditions will place the system back into the "enabled" state with the steering wheel indicator displayed in white until all engagement conditions are met again.
- When the system is deactivated, Active Lane Management will return to its previous state, and ACC will disable or remain engaged pending system conditions.

Indications On The Display

The Active Driving Assist system status will be shown in the following locations:

- In the center of the instrument cluster display by selecting the Driver Assist menu.
- In the heads up display by selecting Advanced Layout.
- In the Home tile display by selecting the Driver Assist Tile.

The ADA status will be shown as an indicator light around the cluster.

As the system detects driver inattentiveness as previously described ⇨ page 185, the system status indicator lights will change from off, to yellow, to red. The following indicators will change in color as warnings to the driver escalate:

- Active Driving Assist Indicator (steering wheel icon in the instrument cluster display or Head Up Display [if equipped])
- Glow effect of the instrument cluster display

If driver's hands are not returned to the steering wheel, the system will deactivate.

Active Driving Assist Indicators (Steering Wheel Icon Only) Is Green

- System is actively steering and providing speed control for the vehicle and the system detects driver is attentive.

Active Driving Assist Indicators Are Yellow

- Driver inattentiveness has been detected, warning the driver to place hands on the steering wheel and look back toward the road.

Active Driving Assist Indicators Are Red

- Driver inattentiveness is still being detected, or driver take-over is required. The driver must return their hands to the steering wheel. Upon driver take-over request, the driver must return their hands to the steering wheel and press the accelerator or brake pedal.

Active Driving Assist Cancelled Message

NOTE:
The driver **MUST** replace hands on the steering wheel and take control of the vehicle when the system is deactivated.

System Status

Along with changes in the system's indicator lights (yellow, and red), the system can also issue several accompanying warnings intended to provide the driver with enough time to react, avoid or mitigate a potential collision.

Active Driving Assist System

- One haptic brake jerk warning will be issued when a Minimum Risk Maneuver (MRM) is occurring.
- A steering wheel vibration warning (if enabled) will occur if the vehicle crosses a lane marker, for example, when driving on a tight curve. The steering wheel vibration feature can be turned on or off within the Uconnect system ⇨ page 115.

The driver can take control of the vehicle at anytime to override the warnings by pressing the accelerator pedal or brake pedal, moving the steering wheel, and being attentive to the road.

System Operation/Limitations

WARNING!

Active Driving Assist is an SAE Level 2 Driver Assist feature, requiring driver attention at all times. To prevent serious injury or death:

- Always remember that the Active Driving Assist system is a convenience system that cannot accurately detect all situations. Complete attention is always required while driving, even when using the Active Driving Assist system.
- Always remain alert and be ready to take control of the vehicle in the event that the Active Driving Assist system deactivates, or otherwise lacks full functionality as described further before and after this statement.
- Always keep your eyes on the road and hands on the steering wheel when the Active Driving Assist system is activated.
- Maintain a safe distance from other vehicles and pay attention to traffic conditions.
- Do not use a hand held device when the Active Driving Assist system is engaged.
- Always pay attention to the road when Active Driving Assist system is engaged. The Active Driving Assist system will not steer to avoid safety hazards, construction zones, objects, or road

(Continued)

WARNING!

impediments. You need to take control to steer and brake the vehicle in such situations, and when merging into traffic, exiting the highway, making a turn for crossing traffic, or stopping for traffic control devices.

- Do not place any objects on the steering wheel (e.g. steering wheel covers) which could interfere with the hand detection sensors.

The Active Driving Assist system **DOES NOT:**

- Warn or prevent collisions with other vehicles
- Steer your vehicle around stopped vehicles, slower vehicles, construction zones or equipment, pedestrians, or animals
- Respond to traffic lights or stop signs
- Merge onto highways or exit off ramps
- Change lanes
- React to cross traffic

NOTE:

The system may not stop for stationary objects if the speed difference between the host vehicle and the object exceeds the system's operational threshold.

NOTE:

Adaptive Cruise Control (ACC) is a core component of ADA. For ACC system limitations ⇨ page 199.

The Active Driving Assist system may have limited or reduced functionality when one of the following conditions occur:

- The vehicle's radar sensors and/or forward facing camera is damaged, covered, misaligned, or obstructed (e.g. by mud, ice, snow, etc.)
- If the suspension alignment is not correct, if the vehicle is modified (e.g. lifting or lowering the suspension, installing different sized wheels or tires) or if there has been damage due to road hazards
- Driving near highway toll booths

NOTE:

If damage to the windshield occurs, have the windshield replaced by an authorized dealer as soon as possible.

PARKING AND REVERSE OPERATIONS ASSISTANCE SYSTEM

PARKSENSE FRONT/REAR PARK ASSIST SYSTEM

The ParkSense Park Assist system provides visual and audible indications of the distance between the rear and the front fascia/bumper and a detected obstacle when backing up or moving forward (e.g. during a parking maneuver). The vehicle brakes may be automatically applied and released when performing a reverse parking maneuver if the system detects a possible collision with an obstacle.

NOTE:

- The driver can disable the automatic braking function by turning ParkSense off via the ParkSense switch. The driver can also override automatic braking by changing the gear or by pressing the accelerator over 90% of its capacity during the braking event.
- 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 Stat button cycles.

The automatic braking function is intended to assist the driver in avoiding possible collisions with detected obstacles when backing up in REVERSE gear.

NOTE:

- The system is designed to assist the driver and not to substitute the driver.
- The driver must stay in full control of the vehicle's acceleration and braking and is responsible for the vehicle's movements.

For limitations of this system and recommendations, see ⇨ page 194.

ParkSense can be active only when the gear selector is in REVERSE or DRIVE. If ParkSense is enabled at one of these gear selector positions, the system will remain active until the vehicle speed is increased to approximately 7 mph (11 km/h) or above. The system will become active again if the vehicle speed is decreased to less than approximately 6 mph (9 km/h). A display warning will appear in the instrument cluster display if the vehicle is in REVERSE and the speed exceeds 7 mph (11 km/h).

ParkSense Sensors

There are 12 Parksense sensors on the vehicle, 6 are located in the front and 6 in the rear fascia/bumper. They are responsible for monitoring the area on the front and the rear respectively. The front sensors detect obstacles from approximately 12 inches (30 cm) up to 47 inches (120 cm) from the front fascia/bumper. The rear sensors can detect obstacles from approximately 12 inches (30 cm) up to 71 inches (180 cm) from the rear fascia/bumper. These distances depend on the location, type and orientation of the obstacle in the horizontal direction.

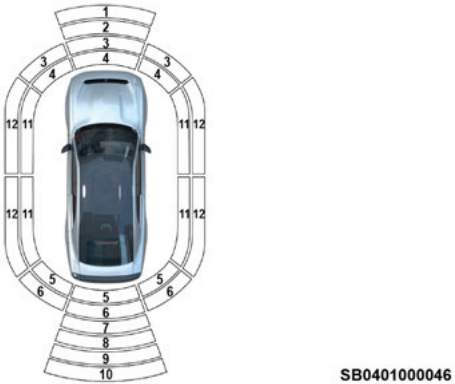
When an object is detected within 71 inches (180 cm) behind the rear bumper while the vehicle is in REVERSE, a warning will appear in the instrument cluster display. In addition a chime will sound (when Sound and Display is selected from the Customer Programmable Features section of the Uconnect system screen). As the vehicle moves closer to the object, the chime rate will change from single 1/2 second tone (for rear only), to slow (for rear only), to fast, to continuous.

ParkSense Display

The warning display will turn on indicating the system status when the vehicle is in REVERSE or when the vehicle is in DRIVE and an obstacle has been detected.

The system will indicate a detected obstacle by showing relevant arcs in the left and/or right front or rear regions based on the object's distance and location relative to the vehicle.

As an example, if an object is detected in the rear region 170cm away, the display will populate arcs 5 to 10 in the rear. As the vehicle moves closer to the object, the display will update the arcs and the tone will change from a single 1/2 second tone to constant slow chimes, constant fast chimes, and then a continuous tone when the object is within 30cm of the rear fascia/bumper.



Front/Rear/Side ParkSense Arcs

1 — No Tone/Solid Arc
2 — No Tone/Flashing Arc
3 — Fast Tone/Flashing Arc
4 — Continuous Tone/Flashing Arc
5 — Continuous Tone/Flashing Arc
6 — Fast Tone/Flashing Arc
7 — Fast Tone/Flashing Arc
8 — Slow Tone/Solid Arc
9 — Slow Tone/Solid Arc
10 — Single 1/2 Second Tone/Solid Arc
11 — Continuous Tone/Flashing Arcs
12 — Fast Tone/Flashing Arcs

WARNING ALERTS FOR REAR							
Rear Distance (in./cm)	Greater than 71 in. (180 cm)	71-59 in. (180-150 cm)	59-47 in. (150-120 cm)	47-35 in. (120-90 cm)	39-24 in. (100-60 cm)	24-12 in. (60-30 cm)	Less than 12 in. (30 cm)
Audible Alert Chime	None	Single 1/2 Second Tone	Slow	Slow	Fast	Fast	Continuous

WARNING ALERTS FOR REAR							
Rear Distance (in./cm)	Greater than 71 in. (180 cm)	71-59 in. (180-150 cm)	59-47 in. (150-120 cm)	47-35 in. (120-90 cm)	39-24 in. (100-60 cm)	24-12 in. (60-30 cm)	Less than 12 in. (30 cm)
Arcs-Left	None	None	None	None	None	6th Flashing	5th Flashing
Arcs-Center	None	10th Solid	9th Solid	8th Solid	7th Flashing	6th Flashing	5th Flashing
Arcs-Right	None	None	None	None	None	6th Flashing	5th Flashing
Radio Volume Reduced	No	Yes	Yes	Yes	Yes	Yes	Yes

WARNING ALERTS FOR FRONT					
Front Distance (in./cm)	Greater than 47 in. (120 cm)	47-35 in. (120-90 cm)	35-25 in. (90-65 cm)	24-12 in. (60-30 cm)	Less than 12 in. (30 cm)
Audible Alert Chime	None	None	None	Fast	Continuous
Arcs-Left	None	None	None	3rd Flashing	4th Flashing
Arcs-Center	None	1st Solid	2nd Flashing	3rd Flashing	4th Flashing
Arcs-Right	None	None	None	3rd Flashing	4th Flashing
Radio Volume Reduced	No	No	No	Yes	Yes

NOTE:

- ParkSense will reduce the volume of the radio, if on, when the system is sounding an audio tone.
- The system will provide an audible warning only when the vehicle is on course for a collision. If the object in the front or the rear is not going to impact based on the vehicle's motion, visual alerts will be seen on the cluster but the audible alerts will be suppressed.

ParkSense Camera Activation — If Equipped

If the ParkSense system detects an obstacle, a camera image will display in the radio. The camera will continue to display as long as the ParkSense system continues to detect an object. This can be turned on or off in the Uconnect system ⇨ page 115.

Front Park Assist Audible Alerts

ParkSense will turn off the Front Park Assist audible alert (chime) after approximately three seconds when an obstacle has been detected, and the vehicle is stationary.

Adjustable Chime Volume Settings

Front and rear chime volume settings can be selected from the Uconnect system ⇨ page 115.

The chime volume settings include low, medium, and high.

ParkSense will retain its last known configuration state through vehicle cycles.

ParkSense Warning Display

The ParkSense Warning screen is located within the instrument cluster display ⇨ page 91. It provides visual warnings to indicate the distance between the rear fascia/bumper and/or front fascia/bumper and the detected obstacle.

Enabling And Disabling ParkSense

ParkSense can be enabled and disabled with the ParkSense switch located on the switch panel on the forward part of the center console, in front of the gear selector.

When the ParkSense switch is pushed to enable the system, the instrument cluster will display the system state.

When the ParkSense switch is pushed to disable the system, the instrument cluster will display the “PARKSENSE OFF” message for approximately two seconds. When the gear selector is moved to REVERSE and the system is disabled, the instrument cluster display will display the “PARKSENSE OFF” message for as long as the vehicle is in REVERSE.

NOTE:
When ParkSense is disabled and the gear selector is moved to the DRIVE position, no warning message will be displayed.

The ParkSense switch LED will be on when ParkSense is disabled or requires service. The ParkSense switch LED will be off when the system is enabled. If the ParkSense switch is pushed, and the system requires service, the ParkSense switch LED will blink momentarily, and then the LED will be on.

Service The ParkSense Park Assist System

During vehicle start-up, when the ParkSense System has detected a faulted condition, the instrument cluster will actuate a single chime, once per vehicle cycle, and it will display a pop-up. The pop-up will include up to two faults. Possible fault messages are "Parksense Unavailable Wipe Rear Sensors", "Parksense Unavailable Wipe Front Sensors", or "Parksense Unavailable Service Required.” The pop-up message will display for five seconds.

When the gear selector is moved to REVERSE and the system has detected a faulted condition, the instrument cluster display will display a "Parksense Unavailable Wipe Rear Sensors", "Parksense Unavailable Wipe Front Sensors" or "Parksense Unavailable Service Required" pop-up message for five seconds. After five seconds, a vehicle graphic will be displayed with “Unavailable” at either the front or rear sensor location depending on where the fault is detected. The system will continue to provide arc alerts for the side that is functioning properly. These arc alerts will interrupt the "Parksense Unavailable Wipe Rear Sensors", "Parksense Unavailable Wipe Front Sensors", or "Parksense Unavailable Service Required" messages if an object is detected within the five second pop-up duration. The vehicle graphic will remain displayed for as long as the vehicle is in REVERSE.

If "Parksense Unavailable Wipe Rear Sensors" or "Parksense Unavailable Wipe Front Sensors" appears in the instrument cluster display make sure the outer surface and the underside of the rear fascia/bumper and/or front fascia/bumper is clean and clear of snow, ice, mud, dirt or other obstructions and then press the Start button. If the message continues to appear, see an authorized dealer.

If the "Parksense Unavailable Service Required" message appears in the instrument cluster display, see an authorized dealer.

Cleaning The ParkSense System

Clean the ParkSense sensors with water, car wash soap and a soft cloth. Do not use rough or hard cloths. Do not scratch or poke the sensors.

ParkSense System Usage Precautions

NOTE:

- Ensure that the front and rear fascias/bumpers are free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.
- Jackhammers, large trucks, and other vibrations could affect the performance of ParkSense.
- When you turn ParkSense off, the instrument cluster will display “Parksense Off.” Furthermore, once you turn ParkSense off, it remains off until you turn it on again, even if you cycle the vehicle.
- When you move the gear selector to the REVERSE position and ParkSense is turned off, the instrument cluster will display “Parksense Off” for as long as the vehicle is in REVERSE.
- ParkSense, when on, will reduce the volume of the radio when it is sounding a tone.
- Clean the ParkSense sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense system might not detect an obstacle behind or in front of the fascia/bumper, or it could provide a false indication that an obstacle is behind or in front of the fascia/bumper.
- Use the ParkSense switch to turn the ParkSense system off if objects such as bicycle carriers, trailer hitches, etc. are placed within 12 inches (30 cm) of the rear fascia/bumper. Failure to do so can result in the system misinterpreting a close object as a sensor problem, causing the “Parksense Unavailable Service Required” message to be displayed in the instrument cluster.
- ParkSense should be disabled when the hatch is in the open position. An opened hatch could provide a false indication that an obstacle is behind the vehicle.

WARNING!

- Drivers must be careful when backing up even when using ParkSense. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.
- Before using ParkSense, it is strongly recommended that the ball mount and hitch ball assembly be disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia/bumper when the vehicle sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

CAUTION!

- ParkSense is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located

(Continued)

CAUTION!

above or below the sensors will not be detected when they are in close proximity.

- The vehicle must be driven slowly when using ParkSense in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using ParkSense.

Side Distance Warning System

The Side Distance Warning system detects the presence of side obstacles near the vehicle using the parking sensors located in the front and rear fascias/bumpers.

SIDE DISTANCE WARNING DISPLAY

The system warns the driver with an acoustic signal and with visual indications on the instrument cluster display.

The Side Distance Warning volume/chime will match the ParkSense volume and chime typeselected in the Uconnect Settings.

WARNING ALERTS		
Distance (inches/cm)	Less than 12 inches (30 cm)	12 – 24 inches (30 – 60 cm)
Arcs-Left	11th Flashing	12th Flashing
Arcs-Right	11th Flashing	12th Flashing

WARNING ALERTS		
Audible Alert Chime	Continuous	Fast audible chime as the objects get close to the vehicle
Radio Volume Reduced	Yes	Yes

NOTE:

- Parksense will reduce the volume of the radio if on when the system is sounding an audible tone. An audible tone will only sound if a collision is possible.
- The system will provide an audible warning only when the vehicle is on course for a collision. In the instance that the vehicle is passing by an obstacle within 60cm and not impacting, visual alerts will be seen on the cluster but the audible alerts will be suppressed.

ACTIVATION/DEACTIVATION

The system can operate only after driving a short distance and if the vehicle speed is between 0 and 7 mph (0 and 11 km/h). If the ParkSense System is deactivated via the ParkSense hard switch then the Side Distance Warning system will automatically be deactivated.

Message on the display for Side Distance Warning feature:

"Wipe Sensors" — This message is displayed in the case of a failure of the Side Distance Warning system sensors. Free the bumpers of any obstacles, ensure that the front and rear fascia/bumper are free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.

"System Not Available" — This message is displayed if the Side Distance Warning system is not available. The failed operation of the system might be due to the insufficient voltage from the battery or other failures on the electrical system. Contact an authorized dealer as soon as possible to have the electrical system checked.

PARKSENSE USAGE PRECAUTIONS

Some conditions may influence the performance of the Side Distance Warning system:

NOTE:

- Ensure that the front and rear fascia/bumper are free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.
- Construction equipment, large trucks, and other vibrations could affect the performance of ParkSense.
- When you turn ParkSense off, the message to appear in the instrument cluster display will read "PARKSENSE OFF." Furthermore, once you turn ParkSense off, it remains off until you turn it on again, even if you cycle the ignition.
- ParkSense, when on, will reduce the volume of the radio when it is sounding a tone.
- Clean the ParkSense sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense system might not detect an obstacle behind or in front of the fascia/bumper, or it could provide a false indication that an obstacle is behind or in front of the fascia/bumper.
- The presence of a tow hook without a trailer may interfere with the correct operation of the parking sensors. Before using the ParkSense system, it is recommended to remove the removable tow hook ball assembly and any attachments from the vehicle when it is not used for towing operations.

WARNING!

- Drivers must be careful when backing up even when using ParkSense. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.
- Before using ParkSense, it is strongly recommended that the ball mount and hitch ball assembly be disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia/bumper when the vehicle sounds the continuous tone. Also, the sensors could detect the ball mount and

(Continued)

WARNING!

hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

CAUTION!

- ParkSense is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.
- The vehicle must be driven slowly when using ParkSense in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using ParkSense.

Parkview Rear Back Up Camera

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 Rear Back Up Camera is located on the rear of the vehicle above the rear license plate.

NOTE:

The ParkView Rear Back Up Camera has programmable modes of operation that may be selected through the Uconnect system ⇨ page 114.

Manual Activation Of The Rear View Camera

1. Press the Vehicle button located on the left side of the Uconnect display.
2. Select the Camera tab, then Vehicle.
3. Press the Rear View Camera button to turn the system on.

When the vehicle is shifted out of REVERSE with camera delay turned off, the rear camera mode is exited and the previous screen appears. When the vehicle is shifted out of REVERSE with camera delay turned on, the camera image will continue to be displayed for up to 10 seconds unless the following conditions occur: The vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK, the vehicle is OFF, or the touchscreen X button is pressed.

When manually activated, a counter will be initiated after the vehicle speed is above 8 mph (13 km/h). The rear view camera image will turn off when this counter reaches 10 seconds. The counter will be reset when the vehicle speed is 8 mph (13 km/h) or below. If the vehicle speed remains below 8 mph (13 km/h), the rear view camera image will continue to be displayed until the Gear Box is shifted into PARK, the vehicle is OFF, or the touchscreen X button is pressed.

When enabled, active guidelines are overlaid on the image to illustrate the width of the vehicle and its projected backup path based on the steering wheel position. Different colored zones indicate the distance to the rear of the vehicle. The following table shows the approximate distances for each zone:

Zone	Distance To The Rear Of The Vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 6.5 ft (30 cm - 2 m)
Green	6.5 ft or greater (2 m or greater)

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 Rear Back Up 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

(Continued)

CAUTION!
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.

Turn Signal Activated Blind Spot Assist — If Equipped

When enabled in the Uconnect system and a turn signal is activated, the corresponding side view mirror camera will display in the radio. The camera will continue to display as long as the turn signal is engaged. Please note, the Turn Signal Activated Blind Spot Assist can be enabled/ disabled from the Customer Programmable Features section of the Uconnect system. The Turn Signal Activated Blind Spot view will not time out unless the driver returns the turn signal stalk to the neutral position. The Blind Spot View can also be manually enabled from the Uconnect Camera Setting Menu described in the Surround View Camera Section.

WARNING!
Blind Spot Assist is only an aid to help detect objects in the blind spot zones and may not provide alerts when changing lanes under all driving conditions. Even if your vehicle is equipped with the BSA system, always check your vehicle's mirrors, glance over your shoulder, and use turn signals before changing lanes. Failure to do so can result in serious injury or death.

Surround View Camera System — If Equipped

Your vehicle may be equipped with the Surround View Camera system that allows you to see an on-screen image of the surroundings and Top View of your vehicle whenever the gear selector is put into REVERSE or a different view is selected through the touchscreen buttons. The Top View of the vehicle will show which doors are open. The image will be displayed on the touchscreen display along with a caution note “Check Entire Surroundings” across the top of the screen. After five seconds, this note will disappear. The Surround View Camera system is comprised of four sequential cameras located in the front grille, rear hatch and side mirrors.

Automatic Activation Of The Surround View Camera

When the vehicle is shifted into REVERSE, the Rear View and Top View will automatically be displayed on the Uconnect touchscreen.

The Surround View Camera will also automatically activate when the gear selector is in DRIVE or NEUTRAL and the system detects obstacles it its path. Camera view display will depend on the location of the detected obstacle.

Manual Activation Of The Surround View Camera

1. Press the Controls or Apps button located within the Uconnect system.
2. Press the Surround View Camera button to enter the camera’s menu.

NOTE:
The Surround View Camera system has programmable settings that may be selected through the Uconnect system ⇨ page 114.

When the vehicle is shifted out of REVERSE with camera delay turned on, the camera image will continue to be displayed for up to 10 seconds unless the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK or the vehicle is OFF. There is a touchscreen X button to disable the display of the camera image.

When the vehicle is shifted out of REVERSE with camera delay turned off, the Surround View Camera mode is exited and the last known screen appears again.

When enabled, active guidelines are overlaid on the image to illustrate the width of the vehicle, including the side view mirrors and its projected back up path based on the steering wheel position.

Different colored zones indicate the distance to the rear of the vehicle.

The following table shows the approximate distances for each zone:

Zone	Distance To The Rear Of The Vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 3 ft (30 cm - 1 m)

Zone	Distance To The Rear Of The Vehicle
Green	3 ft - 9.5 ft (1 m - 3 m)

Modes Of Operation

Manual activation of the Surround View Camera is selected by pressing the Surround View Camera button located in the Controls menu within the Uconnect system.

Top View

The Top View will show in the Uconnect system with Rear View or Front View in a split screen display. There are integrated ParkSense arcs in the image at the front and rear of the vehicle. The arcs will change color from yellow to red corresponding the distance zones to the oncoming object.

NOTE:

- Front tires will be in image when the tires are turned.
- Due to wide angle cameras in the mirrors, the image will appear distorted.
- Top View will show which doors are open.
- Open front doors will cancel outside image.
- Open hatch will cancel rear image while in Top View.

Rear View Plus Top View

This is the default view of the system in REVERSE and is always paired with the Top View of the vehicle with optional active guidelines for the projected path when enabled.

Rear Cross Path View

Pressing the Rear Cross Path View button will give the driver a wider angle view of the rear camera system.

Front View Plus Top View

Pressing the Front Plus Top View button will show you what is immediately in front of the vehicle and is always paired with the Top View of the vehicle.

Front Cross Path View

Pressing the Front Cross Path View button will give the driver a wider angle view of the front camera system. The Top View will be disabled when this is selected.

Driver Curb View

Pressing the Driver Curb View Camera button will give the driver an image which shows the front driver side tire position with respect to the pavement. This aids the driver in parking scenarios where they need to park close to a curb, parking lane or any other object/boundary without touching the tire to it. The view will time out after 10 seconds or when the vehicle reaches a speed of 8 mph or greater.

Passenger Curb View

Pressing the Passenger Curb View Camera button will give the driver an image which shows the front passenger side tire position with respect to the pavement. This aids the driver in parking scenarios where they need to park close to a curb, parking lane or any other object/boundary without touching the tire to it. The view will time out after 10 seconds or when the vehicle reaches a speed of 8 mph or greater.

Driver Blind Spot

Pressing the Driver Blind Spot button will give the driver a side-facing image which shows the driver's blind spot covering a distance of three driving lanes from the side of the vehicle.

Passenger Blind Spot

Pressing the Passenger Blind Spot button will give the driver a side-facing image which shows the driver's blind spot covering a distance of three driving lanes from the side of the vehicle.

NOTE:
If the Rear View Camera view was selected through the Surround View Camera menu, exiting out of the Rear View screen will return to the last known Surround View screen. If the Back Up Camera was manually activated through the Controls menu of the Uconnect system, exiting out of the display screen will return to the Controls menu.

Deactivation

The system can be deactivated under the following conditions:

- The speed of the vehicle is greater than 8 mph (13 km/h).
- The vehicle is shifted into PARK.
- The vehicle is in any gear other than REVERSE and the touchscreen X button is pressed.
- The camera delay system is turned off manually through the Uconnect Settings menu.

NOTE:
- If snow, ice, mud, or any foreign substance builds up on the camera lenses, clean the lenses, rinse with water, and dry with a soft cloth. Do not cover the lenses.
- If a malfunction with the system has occurred, see an authorized dealer.

WARNING!
Drivers must be careful when backing up even when using the Surround View Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You are responsible for the safety of your surroundings and must continue to pay attention while backing up. Failure to do so can result in serious injury or death.

CAUTION!
• To avoid vehicle damage, Surround View should only be used as a parking aid. The Surround View camera is unable to view every obstacle or object in your drive path. You remain responsible at all times for parking safely while using the Surround View camera. • To avoid vehicle damage, the vehicle must be driven slowly when using Surround View to be able to stop in time when an obstacle is seen. It is recommended that the driver look frequently over his/her shoulder when using Surround View.

Turn Signal Activated Blind Spot Assist — If Equipped

When enabled in the Uconnect system and a turn signal is activated, the corresponding side view mirror camera will display in the radio. The camera will continue to display as long as the turn signal is engaged.

NOTE:
The Turn Signal Activated Blind Spot Assist can be enabled or disabled within the Uconnect settings ⇨ page 115. The Turn Signal Activated Blind Spot view will not time out unless the driver returns the turn signal stalk to the neutral position. The Blind Spot View can also be manually enabled from the Uconnect Surround View Camera Menu.

WARNING!
Blind Spot Assist is only an aid to help detect objects in the blind spot zones and may not provide alerts when changing lanes under all driving conditions. Even if your vehicle is equipped with the BSA system, always check your vehicle's mirrors, glance over your shoulder, and use turn signals before changing lanes. Failure to do so can result in serious injury or death.

DRIVER ATTENTION ASSISTANCE SYSTEM

Drowsy Driver Detection (DDD) — If Equipped

DDD detects when the driver is feeling fatigued and warns the driver to pull over and take a break.

To Activate/Deactivate

DDD can be activated and deactivated through the Uconnect system by selecting the following in order:

1. "Vehicle"

2. "Settings"
3. “Safety & Driving Assistance”
4. “Drowsy Driver Detection”

WARNING!

The DDD system is an aid for driving and does not relieve the driver of the responsibility of driving the vehicle. If you experience fatigue while driving, pull over safely for a break without waiting for the DDD to intervene. Only return to the road when you are in the right physical and mental condition to prevent endangering yourself and other drivers.

System Intervention

Using feedback obtained from the driver’s steering patterns, any buttons/switches that are pressed, and from the front camera, the system implements two operating logics:

- The first operating logic takes the driving style into account, observing the road and detecting to what extent the driver can continue driving with few lane crossing events.
- The second operating logic measures the time spent behind the wheel with the vehicle speed above 40 mph (60 km/h) and below 100 mph (160 km/h).

If the driving style indicates that the driver is unable to follow the road trajectory and respect the horizontal lane markings while within the operating speed range of the system, a pop-up will display on the instrument cluster display suggesting the driver stop for a break. An audible signal will also sound.

If the driver **accepts** the suggestion provided by the system by pushing the “OK” button on the left side of the steering wheel, the message will disappear from the display.

If the driver **does not acknowledge** the warning will remain active, until the drivers pushes the "OK" button.

NOTE:
In the event of a DDD system failure, a dedicated message will appear in the instrument cluster display.

SPEED CONTROL ASSISTANCE SYSTEM

Cruise Control Systems

Your vehicle is equipped with the Adaptive Cruise Control (ACC) system which will adjust the vehicle speed up to the preset speed to maintain a distance with the vehicle ahead.

Adaptive Cruise Control (ACC)

Adaptive Cruise Control (ACC) increases the driving convenience provided by Cruise Control while traveling on highways and major roadways. However, it is not a safety system and not designed to prevent collisions.

ACC will allow you to keep Cruise Control engaged in light to moderate traffic conditions without the constant need to reset your Cruise Control. ACC utilizes a radar sensor and a forward facing camera designed to detect a vehicle directly ahead of you.

NOTE:
- If the ACC sensor detects a vehicle ahead, ACC will apply limited braking or acceleration (not to exceed the original set speed) automatically to maintain a preset following distance, while matching the speed of the vehicle ahead.
- Any chassis/suspension or tire size modifications to the vehicle will affect the performance of the Adaptive Cruise Control and Forward Collision Warning system.
- In vehicles **NOT** equipped with the Active Driving Assist system, Fixed Speed Cruise Control (ACC not enabled) will not detect vehicles directly ahead of you. Always be aware of the feature selected.

WARNING!

- Adaptive Cruise Control (ACC) is a convenience system. It is not a substitute for active driver involvement. It is always the driver’s responsibility to be attentive of road, traffic, and weather conditions, vehicle speed, distance to the vehicle ahead and, most importantly, brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.
- The ACC system:
  - Does not react to pedestrians, oncoming vehicles, and stationary objects (e.g., a stopped vehicle in a traffic jam or a disabled vehicle).
  - Cannot take street, traffic, and weather conditions into account, and may be limited upon adverse sight distance conditions.

(Continued)

WARNING!

- Does not always fully recognize complex driving conditions, which can result in wrong or missing distance warnings.
- Will bring the vehicle to a complete stop and hold the vehicle in the stop position for approximately 10 minutes when following a vehicle ahead. If the vehicle ahead does not start moving within 10 minutes, the parking brake will be activated, and the ACC system will be canceled.

You should 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).
- 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 buttons on the right side of the steering wheel operate the ACC system.

Adaptive Cruise Control Buttons

1 — Distance Setting Increase
2 — Adaptive Cruise Control (ACC) On/Off
3 — CANC/Cancel
4 — Distance Setting Decrease
5 — SET (+)/Accel
6 — RES/Resume
7 — Advanced Driving Assist (ADA) Button
8 — SET (-)/Decel

ADAPTIVE CRUISE CONTROL (ACC) MENU

The instrument cluster display will show the current system settings for Adaptive Cruise Control (ACC), Active Lane Management (ALM), and the Active Driving Assist (ADA) systems. The information it displays depends on ACC, ALM, and ADA system statuses.

Pushing the Adaptive Cruise Control (ACC) buttons will display one of the following messages in the instrument cluster display:

ACC Ready

When ACC is activated but the vehicle speed setting has not been selected, the display will read “ACC Ready.”

ACC Ready

Adaptive Cruise Control Set

When the SET (+) or the SET (-) button is pushed, the display will read “ACC: XX mph (km/h)”.

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

Adaptive Cruise Control Off

When ACC is deactivated, the display will read “Adaptive Cruise Control Off”.

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

ACTIVATING ADAPTIVE CRUISE CONTROL (ACC)

The minimum set speed for the ACC system is 20 mph (32 km/h).

The maximum set speed is 100 mph (160 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 display will read “Adaptive Cruise Control (ACC) Off.”

NOTE:
You cannot engage ACC under the following conditions:

- When the brakes are applied
- When the parking brake is applied
- When the gear box is in PARK, REVERSE or NEUTRAL
- When the vehicle speed is below the minimum 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
- When there is a stationary vehicle in front of your vehicle in close proximity

TO ACTIVATE/DEACTIVATE

Push and release the Adaptive Cruise Control (ACC) on/off button. The ACC menu in the instrument cluster displays “ACC Ready.”

To turn the system off, push and release the Adaptive Cruise Control (ACC) on/off button again. At this time, the system will turn off and the instrument cluster displays “Adaptive Cruise Control (ACC) Off.”

WARNING!
Leaving the Adaptive Cruise Control (ACC) system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have a collision. Always leave the system off when you are not using it.

TO SET A DESIRED SPEED

When the vehicle reaches the speed desired, push the SET **(+)** button or the SET **(-)** button and release. The instrument cluster display will show the set speed.

While the accelerator pedal is pressed: a dedicated graphic with the symbol flashing will appear on the display for a few seconds; the system will not be able to control the distance between the car and the vehicle ahead. In this case the speed will be determined only by the position of the accelerator pedal.

TO CANCEL

NOTE:
Pressing the Cancel button will disengage the ACC system. It will not turn the ACC system off entirely. Press the Resume button will re-engage ACC.

The following conditions cancel the ACC or Fixed Speed Cruise Control systems:

- The brake pedal is applied
- The CANC (cancel) button is pushed
- The Anti-Lock Brake System (ABS) activates
- The gear selector is removed from the DRIVE position
- The Electronic Stability Control/Traction Control System (ESC/TCS) activates
- The vehicle parking brake is applied
- The braking temperature exceeds normal range (overheated)

The following conditions will only cancel the ACC system:

- Driver seat belt is unbuckled at low speeds
- Driver door is opened at low speeds

TO TURN OFF

The system will turn off and erase the set speed in memory if:

- The Adaptive Cruise Control (ACC) on/off button is pushed
- The vehicle is placed in the OFF position
- The Active Driving Assist (ADA) system (if equipped) is enabled/engaged and the ADA button is pressed

  NOTE:
  If ADA is not enabled/engaged and the ADA button is pressed, the ACC system will remain on or turn on, depending on the state of ACC at the time of the ADA button press.

TO RESUME

If there is a set speed in memory, push the RES (resume) button and remove your foot from the

accelerator pedal. The instrument cluster display will show the last set speed.

Resume can be used at any speed above 20 mph (32 km/h) when only Fixed Speed Cruise Control is being used.

Resume can be used at or above any speed above 0 mph (0 km/h) when ACC is active.

NOTE:

- While in ACC mode, when the vehicle comes to a complete stop longer than two seconds, the system will cancel. 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 Or Decrease The Set Speed

After setting a speed, you can increase the set speed by pushing the SET **(+)** button, or decrease speed by pushing the SET **(-)** button.

U.S. Speed (mph)

- Pushing the SET **(+)**, or SET **(-)** button once will result in a 1 mph speed adjustment. Each subsequent tap of the button results in an adjustment of 1 mph.
- If the button is continually pushed, the set speed will continue to adjust in 5 mph increments until the button is released. The new set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET **(+)**, or SET **(-)** button once will result in a 1 km/h speed adjustment. Each subsequent tap of the button results in an adjustment of 1 km/h.
- If the button is continually pushed, the set speed will continue to adjust in 10 km/h increments until the button is released. The new set speed is reflected in the instrument cluster display.

NOTE:

When you override and push the SET **(+)** button or SET **(-)** button, the new set speed will be the current speed of the vehicle.

When ACC Is Active:

- When you use the SET **(-)** button to decelerate, if the vehicle'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 the vehicle in front. If your vehicle follows the vehicle in front to a standstill, your vehicle will release the brakes two seconds after coming to a full stop.
- The ACC system maintains set speed when driving uphill and downhill. However, a slight speed change on moderate hills is normal. In addition, downshifting may occur while climbing uphill or descending downhill. This is normal operation and necessary to maintain set speed. When driving uphill and downhill, the ACC system will cancel if the braking temperature exceeds normal range (overheated).

SETTING THE FOLLOWING DISTANCE IN ACC

The specified following distance for ACC can be set by varying the distance setting between three bars (long), two bars (medium) and one bar (short). Using this distance setting and the vehicle speed, ACC calculates and sets the distance to the vehicle ahead. This distance setting appears in the instrument cluster display.

Distance Settings

1 — Long Distance Setting (Three Bars)
2 — Short Distance Setting (One Bar)
3 — Medium Distance Setting (Two Bars)

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 display will show the ACC Set With Target Detected Indicator Light, and the system will adjust the vehicle speed automatically to maintain the distance setting, regardless of the set speed.

The vehicle will then maintain the set distance until:

- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of your lane or view of the sensor.
- The distance setting is changed.
- The system disengages ⇨ page 201.

The maximum braking applied by ACC is limited; however, the driver can always apply the brakes manually, if necessary.

NOTE:
The brake lights will illuminate whenever the ACC system applies the brakes.

A Proximity Warning will alert the driver if ACC predicts that its maximum braking level is not sufficient to maintain the set distance. If this occurs, a visual alert "BRAKE!" will flash in the instrument cluster display and a chime will sound while ACC continues to apply its maximum braking capacity.

NOTE:
The "BRAKE!" screen in the instrument cluster display is a warning for the driver to take action and does not necessarily mean that the Forward Collision Warning system is applying the brakes autonomously.

OVERTAKE AID

When driving with Adaptive Cruise Control (ACC) engaged and following a vehicle, the system will provide an additional acceleration up to the ACC set speed to assist in passing the vehicle. This additional acceleration is triggered when the driver utilizes the left turn signal and will only be active when passing on the left hand side.

ACC OPERATION AT STOP

If the ACC system brings your vehicle to a standstill while following a vehicle ahead, your vehicle will resume motion, without any driver interaction, if the vehicle ahead starts moving within two seconds of your vehicle coming to a standstill.

If the vehicle in front does not start moving within two seconds of your vehicle coming to a standstill, the driver will either have to push the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing set speed.

NOTE:
- If your vehicle is at a standstill for longer than two seconds, the system will hold brake pressure for up to 10 minutes. If no driver action is taken after the 10 minutes, the Electric Park Brake will be applied and the ACC system will cancel.
- While ACC is holding your vehicle at a standstill (or the vehicle is traveling below 3 mph (5 km/h), and the driver seat belt is unbuckled or the driver door is opened, the Electric Park Brake will be applied and the ACC system will cancel.

WARNING!
When the ACC system is resumed, the driver must ensure that there are no pedestrians, vehicles or objects in the path of the vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.

DISPLAY WARNINGS AND MAINTENANCE

"Wipe Front Radar Sensor In Front Of Vehicle" Warning

The "ACC/FCW Unavailable Wipe Front Radar Sensor" warning will display and a chime will sound when conditions temporarily limit system performance.

This most often occurs at times of poor visibility, such as in snow or heavy rain. The ACC system may also become temporarily blinded due to obstructions, such as mud, dirt or ice. In these cases, the instrument cluster display will display the above message and the system will deactivate.

This message can sometimes be displayed while driving in highly reflective areas (i.e. ice and snow, or tunnels with reflective tiles). The ACC system will recover after the vehicle has left these areas. Under rare conditions, when the radar is not tracking any vehicles or objects in its path this warning may temporarily occur.

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.

Front Radar Sensor

To keep the ACC System operating properly, it is important to note the following maintenance items:

- Always keep the sensor cover 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 an 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 an authorized dealer.
- Installing a snowplow, front-end protector, an aftermarket grille or modifying the grille is not recommended. Doing so may block the sensor and inhibit ACC/FCW operation.

“Clean Front Windshield” Warning

The “ACC/FCW Limited Functionality Clean Front Windshield” warning will display and a chime will sound when conditions temporarily limit system performance. This most often occurs at times of poor visibility, such as in snow or heavy rain and fog. The ACC system may also become temporarily blinded due to obstructions, such as mud, dirt, or ice on windshield and fog on the inside of glass. In these cases, the instrument cluster display will display “ACC/FCW Limited Functionality Clean Front Windshield” and the system will have degraded performance.

This message can sometimes be displayed while driving in adverse weather conditions. The ACC/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 rearview mirror. They may require cleaning or removal of an obstruction.

When the condition that created limited functionality is no longer present, the system will return to full functionality.

NOTE:

If the “ACC/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 an 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 key cycle. If the problem persists, see an authorized dealer.

PRECAUTIONS WHILE DRIVING WITH ACC

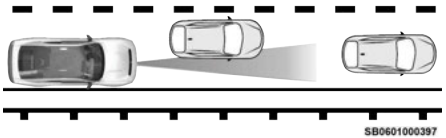
In certain driving situations, ACC may have detection issues. In these cases, ACC may brake late or unexpectedly. The driver needs to stay alert and may need to intervene. The following are examples of these types of situations:

Towing A Trailer

Towing a trailer is not recommended 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 increase or decrease the vehicle speed for stability, with no vehicle ahead detected. Once the vehicle is out of the curve, the system will resume your original set speed. This is a part of normal ACC system functionality.

NOTE:

On tight turns ACC performance may be limited.

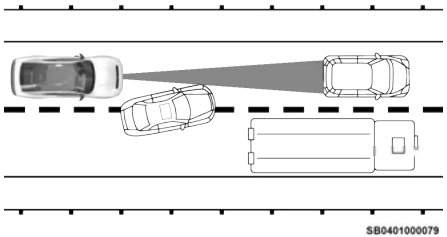
Using ACC On Hills

ACC performance may be limited when driving on hills. ACC may not detect a vehicle in your lane depending on the speed, vehicle load, traffic conditions, and the steepness of the hill.

ACC Hill Example

Lane Changing

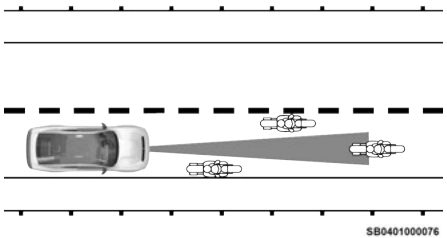
ACC may not detect a vehicle until it is completely in the lane in which you are traveling. In the following lane changing example, ACC has not yet detected the vehicle changing lanes and it may not detect the vehicle until it's too late for the ACC system to take action. ACC may not detect a vehicle until it is completely in the lane. There may not be sufficient distance to the lane-changing vehicle. Always be attentive and ready to apply the brakes if necessary.



Lane Changing Example

Narrow Vehicles

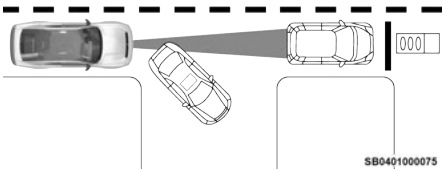
Some narrow vehicles traveling near the outer edges of the lane or edging into the lane are not detected until they have moved fully into the lane. There may not be sufficient distance to the vehicle ahead.



Narrow Vehicle Example

Stationary Objects And Vehicles

ACC does not react to stationary objects or vehicles. For example, ACC will not react in situations where the vehicle you are following exits your lane and the vehicle ahead is stopped in your lane. It will consider this stopped vehicle a stationary object as it did not previously detect movement from it. Always be attentive and ready to apply the brakes if necessary.



Stationary Object And Stationary Vehicle Example

TRAFFIC SIGN ASSIST SYSTEM

The Traffic Sign Assist (TSA) system fuses traffic signs detected by a forward facing camera with map data from the vehicle's navigation to display the best available information about the current applicable speed limits. Displayed information includes:

- Unrestricted speed limit
- Conditional speed limit
- No passing zones

NOTE:
The TSA system will automatically display the detected road sign using the unit of measurement (mph or km/h) selected within Uconnect Settings, or within the instrument cluster display.

Activation/Deactivation

The TSA System can be enabled/disabled within the Uconnect system through the Safety/Driver Assistance menu. System ON is signaled by road signs shown on the instrument cluster display.

Traffic Sign Assist Modes

TSA has three selectable modes of operation that are available through the Uconnect system ⇨ page 115.

Visual

When Visual is selected, the system will alert the driver when the current speed of the vehicle exceeds the detected speed limit by showing a graphic in the instrument cluster display. The speed limit will be highlighted in red for as long as the speed limit plus offset is exceeded.

Speed Limit Exceeded

When the vehicle's speed exceeds the displayed speed limit by 1 mph (1 km/h), the speed limit sign on the instrument cluster display will show a red outline to alert the driver.

Visual + Chime

When Visual + Chime is selected, the system will alert the driver when the current speed of the vehicle exceeds the detected speed limit by highlighting the speed limit in red and by sounding a single chime. The speed limit will remain highlighted as long as vehicle speed exceeds the speed limit plus selected offset.

TSA Off

When the TSA system is turned off, the system will not show any traffic signs and no alerts will be issued to the driver.

Indications On The Display

Detected traffic signs are shown in the instrument cluster display, and can display any combination of signs at one time (e.g. speed limit, speed limit and supplemental info, and "Do Not Pass" signs) depending on what information is available.

Traffic Signs Recognized

1 — Current Speed Limit With Supplemental Information (School Zone)
2 — Next Speed Limit Detected
3 — No Passing Zone Detected

Supplemental Information

Supplemental information may be displayed, along with a newly detected speed limit, indicating special circumstances of which the driver should be aware. Available supplemental information includes:

- School
- Construction

When the vehicle's speed exceeds the displayed speed limit by 3 mph (5 km/h), the speed limit sign on the instrument cluster display will show a red outline to alert the driver.

CAUTION!

- Traffic Sign Assist is designed to assist the driver and not to substitute the driver. It is the driver's responsibility to continue to monitor the vehicle speed.
- Functionality may be limited or the system may not work if the sensor is obstructed.
- The system may have limited operation or not work at all in weather conditions such as heavy rain, hail, and thick fog. Strong light contrasts can influence the recognition capability of the sensor.
- The area surrounding the sensor must not be covered with stickers or any other object.
- Do not tamper or perform any operations in the area of the windshield glass directly surrounding the sensor.
- Clean foreign matters such as bird droppings, insects, snow or ice on the windshield.

OFF ROAD AND LOW-RANGE OPERATIONS ASSISTANCE SYSTEM

Hill Start Assist (HSA)

HSA is designed to mitigate roll back from a complete stop while on an incline. If the driver releases the brake while stopped on an incline, HSA will continue to hold the brake pressure for a short period. If the driver does not apply the throttle before this time expires, the system will release brake pressure and the vehicle will roll down the hill as normal.

The following conditions must be met in order for HSA to activate:

- The feature must be enabled.
- The vehicle must be stopped.
- The parking brake must be off.
- The driver door must be closed.
- The vehicle must be on a sufficient grade.
- The gear selection must match vehicle uphill direction (i.e., vehicle facing uphill is in forward gear; vehicle backing uphill is in REVERSE gear).
- HSA will work in REVERSE gear and all forward gears. The system will not activate if the drive selector is in PARK or NEUTRAL.

WARNING!

There may be situations where the Hill Start Assist (HSA) will not activate and slight rolling may occur, such as on minor hills or with a loaded vehicle, or while pulling a trailer. HSA is not a substitute for active driving involvement. It is always the driver's responsibility to be attentive to distance to other vehicles, people, and objects, and most importantly brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision or serious personal injury.

Disabling And Enabling HSA

This feature can be turned on or off through the vehicle settings in the Uconnect system. To disable HSA, see ⇨ page 115 for further information.

UTILITY FEATURES ASSISTANCE SYSTEM

Tire Pressure Monitoring System (TPMS)

The Tire Pressure Monitoring System (TPMS) will warn the driver of a low tire pressure based on the vehicle recommended cold placard pressure.

The tire pressure will vary with temperature by about 1 psi (7 kPa) for every 12°F (6.5°C). This means that when the outside temperature decreases, the tire pressure will decrease. Tire pressure should always

be set based on cold inflation tire pressure. This is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after a three hour period. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall. The tire pressure will also increase as the vehicle is driven — this is normal and there should be no adjustment for this increased pressure.

See ⇨ page 264 for information on how to properly inflate the vehicle's tires.

The TPMS will warn the driver of a low tire pressure if the tire pressure falls below the low-pressure warning limit for any reason, including low temperature effects and 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 the recommended cold placard pressure. Once the low tire pressure warning (TPMS Warning Light) illuminates, you must increase the tire pressure to the recommended cold placard pressure in order for the TPMS Warning Light to turn off. The system will automatically update and the TPMS Warning Light will turn off once the system receives the updated tire pressures. 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.

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.

For example, your vehicle may have a recommended cold (parked for more than three hours) placard pressure of 30 psi (207 kPa). If the ambient temperature is 68°F (20°C) and the measured tire pressure is 27 psi (186 kPa), a temperature drop to 20°F (-7°C) will decrease the tire pressure to approximately 23 psi (158 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 27 psi (186 kPa), but the TPMS Warning Light will still be on. In this situation, the TPMS Warning Light will turn off only after the tires are inflated to the vehicle's recommended cold placard pressure value.

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. The TPMS sensor is not designed for use on aftermarket wheels and may contribute to a poor overall system performance or sensor damage. Customers are encouraged to use Original Equipment Manufacturer (OEM) wheels to ensure proper TPMS feature operation.
- Using aftermarket tire sealants may cause the Tire Pressure Monitoring System (TPMS) sensor to become inoperable. After using an aftermarket tire sealant it is recommended that you take your

(Continued)

CAUTION!

vehicle to your authorized dealer 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 TPMS sensor.

NOTE:

- The TPMS is not intended to replace normal tire care and maintenance or to provide warning of a tire failure or condition.
- The TPMS should not be used as a tire pressure gauge while adjusting your tire pressure.
- Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also reduces vehicle range 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 pressure gauge, even if underinflation has not reached the level to trigger illumination of the TPMS Warning Light.
- Seasonal temperature changes will affect tire pressure, and the TPMS will monitor the actual tire pressure in the tire.

Premium System

The Tire Pressure Monitoring System (TPMS) uses wireless technology with wheel rim mounted electronic sensors to monitor tire pressure levels. Sensors,

mounted to each wheel as part of the valve stem, transmit tire pressure readings to the receiver module.

NOTE:

It is particularly important for you to check the tire pressure in all of the tires on your vehicle monthly and to maintain the proper pressure.

The TPMS consists of the following components:

- Receiver module
- Four Tire Pressure Monitoring System sensors
- Various Tire Pressure Monitoring System messages, which display in the instrument cluster
- Tire Pressure Monitoring System Warning Light

Tire Pressure Monitoring System Low Pressure Warnings

The Tire Pressure Monitoring System (TPMS) Warning Light will illuminate in the instrument cluster and a chime will sound when tire pressure is low in one or more of the four active road tires. In addition, the instrument cluster will display an “Inflate to XX” message and a graphic showing the pressure values of each tire with the low tire pressure values shown in a different color.

Tire Pressure Monitoring System Display

Should this occur, you should stop as soon as possible and inflate the tires with a low pressure condition (those shown in a different color in the instrument cluster graphic) to the vehicle’s recommended cold placard pressure inflation value as shown in the “Inflate to XX” message. Once the system receives the updated tire pressures, the system will automatically update, the graphic display in the instrument cluster will change color back to the original color, and the TPMS Warning Light will turn off. 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.

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.

Service Tire Pressure System Warning

If a system fault is detected, the Tire Pressure Monitoring System (TPMS) Warning Light will flash on and off for 75 seconds and then remain on solid. The system fault will also sound a chime. In addition, the instrument cluster will display a "Service Tire Pressure System" message for a minimum of five seconds and then display dashes (- -) in place of the pressure value to indicate which sensor is not being received.

With every key cycle, this sequence will repeat, providing the system fault still exists. If the system fault no longer exists, the TPMS Warning Light will no longer flash, and the "Service Tire Pressure System" message will no longer display, and a pressure value will display in place of the dashes. A system fault can occur due to any of the following:

- Signal interference due to electronic devices or driving next to facilities emitting the same radio frequencies as the TPMS sensors.
- Accumulation of snow or ice around the wheels or wheel housings.
- Using tire chains on the vehicle.
- Using wheels/tires not equipped with TPMS sensors.

Vehicles With Compact Spare

1. The compact spare tire or non-matching full size does not have a Tire Pressure Monitoring System sensor. Therefore, the TPMS will not monitor the pressure in the compact or non-matching full size spare tire.
2. If you install the compact or non-matching full size spare tire in place of a road tire that has a pressure below the low-pressure warning limit, upon the next key cycle, the TPMS Warning Light will remain on and a chime will sound. In addition, the graphic in the instrument cluster will still

display a different color pressure value and an "Inflate to XX" message.

3. After driving the vehicle for up to 20 minutes above 15 mph (24 km/h), the TPMS Warning Light will flash on and off for 75 seconds and then remain on solid. In addition, the instrument cluster will display a “Service Tire Pressure System” message for five seconds and then display dashes (- -) in place of the pressure value.
4. For each subsequent key cycle, a chime will sound, the TPMS Warning Light will flash on and off for 75 seconds and then remain on solid, and the instrument cluster will display a “Service Tire Pressure System” message for five seconds and then display dashes (- -) in place of the pressure value.
5. Once you repair or replace the original road tire and reinstall it on the vehicle in place of the compact spare or non-matching full size, the TPMS will update automatically. In addition, the TPMS Warning Light will turn off and the graphic in the instrument cluster will display a new pressure value instead of dashes (- -), as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

TPMS Deactivation — If Equipped

The Tire Pressure Monitoring System (TPMS) can be deactivated if replacing all four wheel and tire assemblies (road tires) with wheel and tire assemblies that do not have TPMS sensors, such as when installing winter wheel and tire assemblies on your vehicle.

To deactivate the TPMS, first replace all four wheel and tire assemblies (road tires) with tires not equipped with Tire Pressure Monitoring System (TPMS) 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 Tire Pressure System” message and then display dashes (–) in place of the pressure values.

Beginning with the next key cycle, the TPMS will no longer chime or display the “Service Tire Pressure System” message in the instrument cluster but dashes (–) will remain in place of the pressure values.

To reactivate the TPMS, replace all four wheel and tire assemblies (road tires) with tires equipped with TPMS sensors. Then, drive the vehicle for up to 20 minutes above 15 mph (24 km/h). The TPMS will chime, the TPMS Warning Light will flash on and off for 75 seconds and then turn off. The instrument cluster will display the “Service Tire Pressure System” message and then display pressure values in place of the dashes. On the next key cycle the "Service Tire Pressure System" message will no longer be displayed as long as no system fault exists.

IN CASE OF EMERGENCY

HAZARD WARNING FLASHERS

Description

The Hazard Warning Flashers button is located beneath the infotainment screen.

Push the button to turn on the Hazard Warning Flashers. When the button is activated, all directional turn signals will flash on and off to warn oncoming traffic of an emergency. Push the button a second time to turn off the Hazard Warning Flashers.

This is an emergency warning system and it should not be used when the vehicle is in motion. Use only when your vehicle is disabled or signaling a safety hazard warning for other motorists.

When you must leave the vehicle to seek assistance, the Hazard Warning Flashers will continue to operate even though the Start button is placed in the OFF position.

NOTE:
With extended use, the Hazard Warning Flashers may discharge the battery.

ASSIST AND SOS — IF EQUIPPED

Description

If equipped, the overhead console contains an ASSIST and an SOS button.

ASSIST And SOS Buttons

WARNING!
ALWAYS obey traffic laws and pay attention to the road. ALWAYS drive safely with your hands on the steering wheel. You have full responsibility and assume all risks related to the use of the Uconnect and Dodge Connect™ features and applications in this vehicle. Only use Uconnect features and Dodge Connect™ services when it is safe to do so. Failure

(Continued)

WARNING!
to do so may result in an accident involving serious injury or death.

NOTE:
- Your vehicle may be transmitting data as authorized by the subscriber ⇨ page 295.
- The ASSIST and SOS buttons will only function if you are connected to an operable LTE (voice/data) or 4G (data) network. Other Uconnect services will only be operable if your SiriusXM Guardian™ service is active and you are connected to an operable LTE (voice/data) or 4G (data) network.

ASSIST Call

The ASSIST button is used to automatically connect you to any one of the following support centers:

- Roadside Assistance – If you get a flat tire or need a tow, just push the ASSIST button to connect to a representative for assistance. Roadside Assistance will know your vehicle and its location. Additional fees may apply for Roadside Assistance.
- SiriusXM Guardian™ Customer Care – In-vehicle support for SiriusXM Guardian™.
- Vehicle Customer Care – Total support for all other vehicle issues.
- Uconnect Customer Care – Total support for radio, phone and NAV issues.

SOS Call

1. Push the SOS Call button.

   NOTE:
   In case the SOS Call button is pushed in error, there will be a 10 second delay before the SOS Call system initiates a call to an SOS operator. To cancel the SOS Call connection, push the SOS Call button or press the cancellation button on the Device Screen. Termination of the SOS Call will turn off the green LED light on the button.

2. The LED light located on the SOS button will turn green once a connection to an SOS operator has been made.

3. Once a connection between the vehicle and an SOS operator is made, the SOS Call system may transmit the following important vehicle information to an SOS operator:

   - Indication that the occupant placed an SOS Call.
   - The vehicle brand.
   - The last known GPS coordinates of the vehicle.

4. You should be able to speak with the SOS operator through the vehicle audio system to determine if additional help is needed.

WARNING!

ALWAYS obey traffic laws and pay attention to the road. ALWAYS drive safely with your hands on the steering wheel. You have full responsibility and assume all risks related to the use of the

(Continued)

WARNING!

Uconnect and Dodge Connect™ features and applications in this vehicle. Only use Uconnect features and Dodge Connect™ services when it is safe to do so. Failure to do so may result in an accident involving serious injury or death.

NOTE:

- Your vehicle may be transmitting data as authorized by the subscriber.
- Once a connection is made between the vehicle's SOS Call system and the SOS operator, the SOS operator may be able to open a voice connection with the vehicle to determine if additional help is needed. Once the SOS operator opens a voice connection with the vehicle's SOS Call system, the operator should be able to speak with you or other vehicle occupants and hear sounds occurring in the vehicle. The vehicle's SOS Call system will attempt to remain connected with the SOS operator until the SOS operator terminates the connection.

5. The SOS operator may attempt to contact appropriate emergency responders and provide them with important vehicle information and GPS coordinates.

WARNING!

- If anyone in the vehicle could be in danger (e.g., fire or smoke is visible, dangerous road conditions or location), do not wait for voice contact from an

(Continued)

WARNING!

Emergency Services Agent. All occupants should exit the vehicle immediately and move to a safe location.

- Never place anything on or near the vehicle's operable network and GPS antennas. You could prevent operable network and GPS signal reception, which can prevent your vehicle from placing an emergency call. An operable network and GPS signal reception is required for the SOS Call system to function properly.
- The SOS Call system is embedded into the vehicle's electrical system. Do not add aftermarket electrical equipment to the vehicle's electrical system. This may prevent your vehicle from sending a signal to initiate an emergency call. To avoid interference that can cause the SOS Call system to fail, never add aftermarket equipment (e.g., two-way mobile radio, CB radio, data recorder, etc.) to your vehicle's electrical system or modify the antennas on your vehicle. IF YOUR VEHICLE LOSES BATTERY POWER FOR ANY REASON (INCLUDING DURING OR AFTER AN ACCIDENT), THE UCONNECT FEATURES, APPS AND SERVICES, AMONG OTHERS, WILL NOT OPERATE.
- Modifications to any part of the SOS Call system could cause the air bag system to fail when you need it. You could be injured if the air bag system is not there to help protect you.

SOS Call System Limitations

Vehicles sold in Mexico **DO NOT** have SOS Call system capabilities.

SOS or other emergency line operators in Mexico may not answer or respond to SOS system calls.

If the SOS Call system detects a malfunction, any of the following may occur at the time the malfunction is detected, and at the beginning of each Start button cycle:

- The LED light located on the ASSIST and SOS buttons will continuously illuminate red.
- The device screen will display, and an in-vehicle audio message will state, the following message: “Vehicle Device Requires Service. Please Contact An Authorized Dealer”.

WARNING!

- Ignoring the Rearview Mirror light could mean you will not have SOS Call services. If the Rearview Mirror light is illuminated, have an authorized dealer service the SOS Call system immediately.
- The Occupant Restraint Control module turns on the air bag Warning Light on the instrument panel if a malfunction in any part of the system is detected. If the Air Bag Warning Light is illuminated, have an authorized dealer service the Occupant Restraint Control system immediately.

Even if the SOS Call system is fully functional, factors beyond FCA US LLC’s control may prevent or stop the SOS Call system operation. These include, but are not limited to, the following factors:

- The Start button is in the OFF position
- The vehicle’s electrical systems are not intact
- The SOS Call system software and/or hardware are damaged during a crash
- The vehicle battery loses power or becomes disconnected during a vehicle crash
- LTE (voice/data) or 4G (data) network and/or Global Positioning Satellite signals are unavailable or obstructed
- Equipment malfunction at the SOS operator facility
- Operator error by the SOS operator
- LTE (voice/data) or 4G (data) network congestion
- Weather
- Buildings, structures, geographic terrain, or tunnels

WARNING!

ALWAYS obey traffic laws and pay attention to the road. ALWAYS drive safely with your hands on the steering wheel. You have full responsibility and assume all risks related to the use of the Uconnect and Dodge Connect™ features and applications in this vehicle. Only use Uconnect features and Dodge Connect™ services when it is safe to do so. Failure to do so may result in an accident involving serious injury or death.

NOTE:

- Your vehicle may be transmitting data as authorized by the subscriber.
- Never place anything on or near the vehicle’s LTE (voice/data) or 4G (data) and GPS antennas. You could prevent LTE (voice/data) or 4G (data) and GPS signal reception, which can prevent your vehicle from placing an emergency call. An operable LTE (voice/data) or 4G (data) network connection and a GPS signal is required for the SOS Call system to function properly.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Automatic SOS — If Equipped

Automatic SOS is a hands-free safety service that can immediately connect you with help in the event that your vehicle’s airbags deploy. Please refer to your provided radio supplement for complete information.

JACKING THE VEHICLE AND WHEEL CHANGING — IF EQUIPPED

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.

(Continued)

WARNING!

- 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.

Preparations For Jacking

1. Park the vehicle on a firm, level surface. Avoid ice or slippery areas.

   WARNING!

   Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid being hit when operating the jack or changing the wheel.

2. Turn on the Hazard Warning Flashers.
3. Apply the parking brake.
4. Shift the gearbox into PARK (P).
5. Turn the vehicle OFF.
6. Block both front and rear of the wheel diagonally opposite of the jacking position. For example, if the driver's front wheel is being changed, block the passenger's rear wheel.

NOTE:

- Passengers should not remain in the vehicle when the vehicle is being raised or lifted.
- 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.

Jack And Tools Location

The jack and tools are located in the hatch.

WARNING!

After using the jack and tools, always reinstall them in the original carrier and location. While driving you may experience abrupt stopping, rapid acceleration or sharp turns. A loose jack, tools, bracket or other objects in the vehicle may move around with force, resulting in serious injury.

Jacking Instructions

WARNING!

Carefully follow these tire changing warnings to help prevent personal injury or damage to your vehicle:

- Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.
- Turn on the Hazard Warning Flashers.
- Apply the parking brake firmly and shift the automatic gearbox into PARK.
- Block the wheel diagonally opposite the wheel to be raised.
- Never start or run the vehicle with the vehicle on a jack.

(Continued)

WARNING!

- Do not let anyone sit in the vehicle when it is on a jack.
- 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.

CAUTION!

Do not attempt to raise the vehicle by jacking on locations other than those indicated in the Jacking Instructions for this vehicle.

1. Remove the spare tire, jack, and tools from the stored location.
2. Using the lug wrench, loosen the wheel nuts (but do not remove), by turning them counterclockwise one turn while the wheel is still on the ground.
3. Assemble the jack and jacking tools.

4. Placement for the front and rear jacking locations are critical. See the following images for proper jacking locations.

Front Jacking Location

Rear Jacking Location

5. By rotating the lug wrench clockwise, raise the vehicle until the wheel just clears the ground surface.

WARNING!
Raising the vehicle higher than necessary can make the vehicle less stable. It could slip off the jack and hurt someone near it. Raise the vehicle only enough to remove the tire.

6. Remove the lug nuts and pull the wheel off. Install the spare wheel and lug nuts. Hand tighten the lug nuts with the vehicle lifted. To avoid the risk of forcing the vehicle off the jack, do not fully tighten the lug nuts until the vehicle has been completely lowered.
7. Lower the vehicle to the ground and finish tightening the lug nuts. Push down on the wrench handle for increased leverage. Tighten the lug nuts in a star pattern until each lug nut has been tightened twice. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.

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.

8. Lower the jack to its fully closed position. Stow the replaced tire, and secure the jack and tools in the proper location.
9. Adjust the tire pressure when possible.

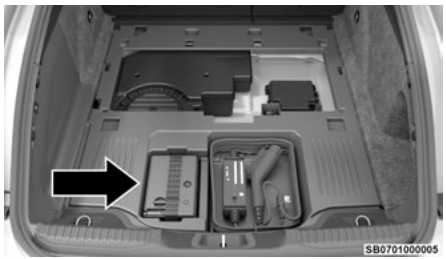
TIRE REPAIR KIT — IF EQUIPPED

DESCRIPTION

Scan this QR code to learn more about the Tire Service Kit.

The Tire Service Kit is located in the hatchback.

NOTE:
Depending on vehicle trim level, tire service kit models may vary.

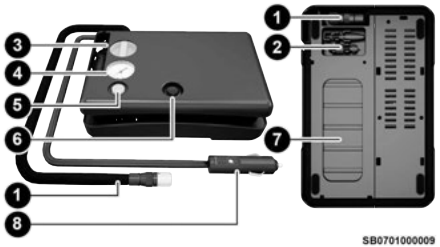


Tire Service Kit

Small punctures up to 1/4 inch (6 mm) in the tire tread can be sealed with the Tire Service Kit. Foreign objects (e.g., screws or nails) should not be removed from the tire. The Tire Service Kit can be used in outside temperatures down to approximately -4°F (-20°C).

This kit will provide a temporary tire seal, allowing you to drive your vehicle up to 100 miles (160 km) with a maximum speed of 50 mph (80 km/h).

Tire Service Kit Components And Operation



Tire Service Kit Components

1 — Sealant/Air Hose
2 — Hose Accessories
3 — Mode Select Knob
4 — Pressure Gauge
5 — Deflation Button
6 — Power Switch
7 — Sealant Bottle
8 — Power Plug

Using The Mode Select Knob And Hoses

Your Tire Service Kit is equipped with the following symbols to indicate the air or sealant mode.

- **Selecting Air Mode**

Push in the Mode Select Knob and turn to this position for air pump operation only.

- **Selecting Sealant Mode**

Push in the Mode Select Knob and turn to this position to inject the Tire Service Kit Sealant and to inflate the tire.

- **Using The Power Button**

Push and release the Power Button once to turn On the Tire Service Kit. Push and release the Power Button again to turn Off the Tire Service Kit.

- **Using The Deflation Button**

Push the Deflation Button to reduce the air pressure in the tire if it becomes overinflated.

Replace the Tire Service Kit Sealant Bottle prior to the expiration date (printed at the lower right hand corner on the bottle label) to assure optimum operation of the system. See the Sealant Bottle Replacement in this section for further information.

- The Sealant Bottle is a one tire application use and needs to be replaced after each use. Always replace these components immediately at your original equipment vehicle dealer.
- When the Tire Service Kit sealant is in a liquid form, clean water, and a damp cloth will remove the material from the vehicle or tire and wheel components. Once the sealant dries, it can easily be peeled off and properly discarded.
- For optimum performance, make sure the valve stem on the wheel is free of debris before connecting the Tire Service Kit.
- The Tire Service Kit Sealant is only intended to seal punctures less than 1/4 inch (6 mm) diameter in the tread/contact surface of your vehicle's tires.
- The Tire Service Kit Sealant is not intended to seal punctures on the tires' side walls.
- You can use the Tire Service Kit air pump to inflate bicycle tires. The kit also comes with two needles, located in the Accessory Storage Compartment (on the bottom of the air pump) for inflating sport balls, rafts, or similar inflatable items. However, use only the Air Pump and make sure the Mode Select Knob is in the Air Mode when inflating such items to avoid injecting sealant into them.
- Do not lift or carry the Tire Service Kit by the hoses.

WARNING!

- Do not attempt to seal a tire on the side of the vehicle closest to traffic. Pull far enough off the road to avoid the danger of being hit when using the Tire Service Kit.

(Continued)

WARNING!

- Do not use the sealant function on tires labeled as having acoustic foam.
- Do not use Tire Service Kit or drive the vehicle under the following circumstances:
  - If the puncture in the tire tread is approximately 1/4 inch (6 mm) or larger.
  - If the tire has any sidewall damage.
  - If the tire has any damage from driving with extremely low tire pressure.
  - If the tire has any damage from driving on a flat tire.
  - If the wheel has any damage.
  - If you are unsure of the condition of the tire or the wheel.
- Keep Tire Service Kit away from open flames or heat source.
- A loose Tire Service Kit thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the Tire Service Kit in the place provided. Failure to follow these warnings can result in injuries that are serious or fatal to you, your passengers, and others around you.
- Take care not to allow the contents of Tire Service Kit to come in contact with hair, eyes, or clothing. Tire Service Kit sealant is harmful if inhaled, swallowed, or absorbed through the skin. It causes skin, eye, and respiratory irritation. Flush immediately with plenty of water if there is any

(Continued)

WARNING!

contact with eyes or skin. Change clothing as soon as possible, if there is any contact with clothing.

- Tire Service Kit Sealant solution contains latex. In case of an allergic reaction or rash, consult a physician immediately. Keep Tire Service Kit out of reach of children. If swallowed, rinse mouth immediately with plenty of water and drink plenty of water. Do not induce vomiting! Consult a physician immediately.

Sealing A Tire With Tire Service Kit

Whenever You Stop To Use Tire Service Kit:

1. Pull over to a safe location and turn on the vehicle's Hazard Warning Flashers.
2. Verify that the valve stem (on the wheel with the deflated tire) is in a position that is near to the ground. This will allow the Tire Service Kit Hose to reach the valve stem and keep the Tire Service Kit flat on the ground. This will provide the best positioning of the kit when injecting the sealant into the deflated tire and running the air pump. Move the vehicle as necessary to place the valve stem in this position before proceeding.
3. Place the gear selector in PARK, then push and release the power start button button to set the switch to the OFF position.
4. Apply the parking brake.

Setting Up To Use Tire Service Kit:

1. Uncoil the Sealant Hose and then remove the cap from the fitting at the end of the hose.
2. Place the Tire Service Kit flat on the ground next to the deflated tire.
3. Remove the cap from the valve stem and then screw the fitting at the end of the Sealant Hose onto the valve stem.
4.

Uncoil the Power Plug and insert the plug into the vehicle's 12 Volt power outlet.

NOTE:

Do not remove foreign objects (e.g., screws or nails) from the tire.

Injecting Tire Service Kit Sealant Into The Deflated Tire:

1. Always start the vehicle before turning the Tire Service Kit on.
2. Ensure the Mode Select Knob is to the Sealant Mode position.
3. After pushing the Power Button, the sealant (white fluid) will flow from the Sealant Bottle through the Sealant Hose and into the tire.

NOTE:

Sealant may leak out through the puncture in the tire.

If the sealant (white fluid) does not flow within 0 – 10 seconds through the Sealant Hose:

1. Push the Power Button to turn the Tire Service Kit off. Disconnect the Sealant Hose from the valve stem. Make sure the valve stem is free of debris.

Reconnect the Sealant Hose to the valve stem. Check that the Mode Select Knob is in the Sealant Mode position and not Air Mode. Push the Power Button to turn the Tire Service Kit on.

2. Connect the Power Plug to a different 12 Volt power outlet in your vehicle or another vehicle, if available. Make sure the vehicle is running before turning the Tire Service Kit on.
3. The Sealant Bottle may be empty due to previous use. Call for assistance.

If the sealant (white fluid) does flow through the Sealant Hose:

1.
Continue to operate the pump until sealant is no longer flowing through hose (typically takes 30 - 70 seconds). As the sealant flows through the Sealant Hose, the Pressure Gauge can read as high as 70 psi (4.8 bar). The Pressure Gauge will decrease quickly from approximately 70 psi (4.8 bar) to the actual tire pressure when the Sealant Bottle is empty.
2.
The pump will start to inject air into the tire immediately after the Sealant Bottle is empty. Continue to operate the pump and inflate the tire to the cold tire inflation pressure found on the tire and loading information label located in the driver-side door opening. Check the tire pressure by looking at the Pressure Gauge.

If the tire does not inflate to at least 26 psi (1.8 bar) within 15 minutes:

The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.

If the tire inflates to the recommended pressure or is at least 26 psi (1.8 bar) within 15 minutes:

NOTE:
If the tire becomes overinflated, push the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.

1.
Push the Power Button to turn the Tire Service Kit off.
2.
Remove the speed limit label from the Tire Service Kit and place sticker on the steering wheel.
3. Immediately disconnect the Sealant Hose from the valve stem, reinstall the cap on the fitting at the end of the hose, and place the Tire Service Kit in the vehicle storage location.

Drive Vehicle:

Immediately after injecting sealant and inflating the tire, drive the vehicle 5 miles (8 km) or 10 minutes to ensure distribution of the Tire Service Kit Sealant within the tire. Do not exceed 50 mph (80 km/h).

WARNING!

The Tire Service Kit is not a permanent flat tire repair. Have the tire inspected and repaired or replaced after using the Tire Service Kit. Do not exceed 50 mph (80 km/h) until the tire is repaired or replaced. Failure to follow this warning can result in injuries that are serious or fatal to you, your passengers, and others around you. Have the tire checked as soon as possible at an authorized dealer.

After Driving:

- Pull over to a safe location and turn on the vehicle's Hazard Warning Flashers.
- Verify that the valve stem (on the wheel with the deflated tire) is in a position that is near to the ground. This will allow the Tire Service Kit Hose to reach the valve stem and keep the Tire Service Kit flat on the ground. This will provide the best positioning of the kit when injecting the sealant into the deflated tire and running the air pump. Move the vehicle as necessary to place the valve stem in this position before proceeding.
- Place the vehicle in PARK (P) and cycle the power start button in the OFF position.
- Apply the parking brake.

NOTE:
If tire has improper inflation follow these next steps:

1. Uncoil the Sealant Hose, and then remove the cap from the fitting at the end of the hose.

2. Place the Tire Service Kit flat on the ground next to the deflated tire.
3. Remove the cap from the valve stem, and then screw the fitting at the end of the Sealant Hose onto the valve stem.
4.

Uncoil the Power Plug and insert the plug into the vehicle's 12 Volt power outlet.
5. Uncoil the Hose and screw the fitting at the end of the hose onto the valve stem.
6. Turn the Mode Select Knob and turn to the Air Mode position.
7. Check the pressure in the tire by reading the Pressure Gauge.

If tire pressure is less than 19 psi (1.3 bar):

The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.

If the tire pressure is 19 psi (1.3 bar) or higher:

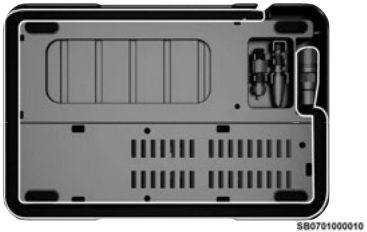
1. Push the Power Button to turn on Tire Service Kit and inflate the tire to the cold tire inflation pressure found on the tire and loading information label located in the driver-side door opening.

   NOTE:
   If the tire becomes overinflated, push the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.
2. Disconnect the Tire Service Kit from the valve stem, reinstall the cap on the valve stem and unplug from 12 Volt outlet.
3. Place the Tire Service Kit in its proper storage area in the vehicle.
4. Have the tire inspected and repaired or replaced at the earliest opportunity at an authorized dealer or tire service center.
5. Remove the Speed Limit sticker from the steering wheel after the tire has been repaired.
6. Replace the Sealant Bottle at an authorized dealer as soon as possible.

NOTE:
When having the tire serviced, advise the authorized dealer or service center that the tire has been sealed using the Tire Service Kit.

Sealant Bottle Replacement:

1. Unwrap the power cord.
2. Unwrap the hose.



Hose Location

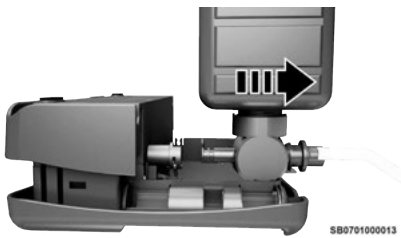
3. Remove the bottle cover.

Remove The Bottle Cover

4. Rotate the bottle up beyond vertical to release.

Rotate The Bottle Up

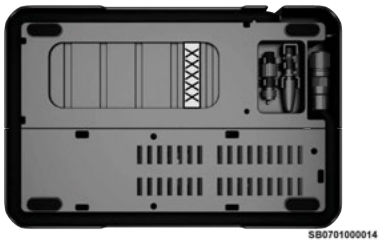
5. Pull the bottle away from the Compressor.



Remove The Bottle

NOTE:

- For sealant bottle installation, follow these steps in reverse order.
- The Sealant Bottle is a one tire application use and needs to be replaced after each use. Always replace these components immediately at your original equipment vehicle dealer.
- Replace the Tire Service Kit Sealant Bottle prior to the expiration date (printed on the bottle label) to ensure optimum operation of the system.



Sealant Bottle Expiration Date Location

WARNING!
As required by current regulations, the information on chemical substances for the protection of human health and the environment and on the safe use of the sealing fluid are on the packaging label. Compliance with the indications on the label is an essential condition to ensure the safety and effectiveness of the product. Remember to carefully read the label before use. The user of the product is responsible for any damages caused by improper use. The sealing fluid has an expiration date. Replace the bottle if the sealant has expired.

CAUTION!
Dispose of the bottle and the sealant liquid properly. Have them disposed of in compliance with national and local regulations.

JUMP STARTING

DESCRIPTION

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.

NOTE:

When using a portable battery booster pack follow the manufacturer's operating instructions and precautions.

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.

EV Models

The vehicle requires its 12 Volt battery power to turn-on the vehicle's high voltage battery. The high voltage battery is used to charge the 12 Volt battery and provide electric vehicle operation. If the 12 Volt battery has been discharged, the vehicle can be jump started using a set of jumper cables and a battery in another vehicle or by using a portable battery booster pack.

If the vehicle's high voltage battery has also been discharged, it will need to be recharged to a minimum operating State Of Charge (SOC) before the vehicle can be started:

- If the vehicle can be connected to a Level 1 or Level 2 charger where it is currently parked, the vehicle will still require a jump start to allow the vehicle to begin the battery charging process. Once the vehicle charging has begun, the jumper cables can be removed from the vehicle jump posts.
- If the vehicle cannot be connected to a Level 1 or Level 2 charger where it is currently parked, the vehicle can be moved by connecting 12 Volt power to the vehicle's jump posts and then shifting the vehicle from PARK (P) into NEUTRAL (N). Power provided by the jumper cables will also allow the Electric Park Brake to be released. Carefully move the vehicle to a Level 1 or Level 2 charge location. While the vehicle is being moved, the external 12 Volt power must remain connected to the vehicle jump posts.

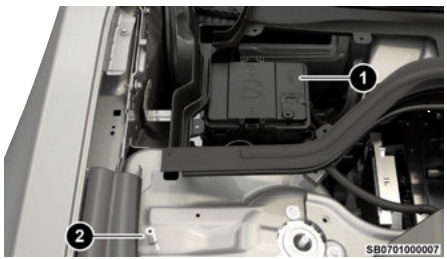
NOTE:

Be careful when moving the vehicle - ensure that control of the vehicle is maintained. Also, ensure that vehicle is secured to prevent unintentional movement during and after moving the vehicle. If the external 12 Volt power becomes disconnected from the vehicle jump posts or there is an interruption of the 12 Volt power while moving the vehicle, the vehicle may shift to PARK. Do not allow the jumper cables to come in contact with each other or to the vehicle, this will result in a short.

When the vehicle is at the charging location, shift the vehicle back to PARK, apply the Electric Park Brake, and start the high voltage battery charging. Once the vehicle has been secured against unintentional movement and high voltage battery charging has been initiated, the jumper cables can be removed from the vehicle jump posts.

Preparations For Jump Start

The battery is stored under an access cover in the hatch. Remote battery posts are located under the hood on the right side for jump starting.



Jump Starting Locations

1 — Remote Positive **(+)** Post
2 — Remote Negative **(-)** Post

NOTE:

The remote battery posts are viewed by standing on the right side of the vehicle looking over the fender. The positive battery post may be covered with a protective cap. Lift up on the cap to gain access to the positive battery post. Do not jump off fuses. Only jump directly off the remote positive post which has a positive **(+)** symbol on or around the post.

See the following steps to prepare for jump starting:

1. If necessary, manually unlock the driver's door using the emergency key ⇨ page 24.
2. Use the emergency hood release to access the remote battery posts ⇨ page 86.
3. Apply the parking brake, shift the vehicle into PARK and place the vehicle to the OFF position.
4. Turn off the heater, radio, and all electrical accessories.
5. If using another vehicle to jump start the battery, park the vehicle within the reach of the jumper cables, apply the parking brake, and make sure the vehicle is OFF.

WARNING!

- Take care to avoid the radiator cooling fan whenever the hood is raised. It can start anytime the power start button is ON. You can be injured by moving fan blades.

(Continued)

WARNING!

- 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.
- 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.

Connecting The Jumper Cables

1. Connect the positive **(+)** end of the jumper cable to the remote positive **(+)** post of the vehicle with the discharged battery.
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 (exposed metallic/unpainted post of the discharge vehicle) located directly behind the underhood fuse box.

WARNING!

Do not connect the jumper cable to the negative **(-)** post of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury.

5. Start the engine in the vehicle that has the booster battery, let the engine idle a few minutes, and then start the 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 vehicle is started, follow the disconnection procedure.

Disconnecting The Jumper Cables

1. Disconnect the negative **(-)** end of the jumper cable from the remote negative **(-)** post of the vehicle with the discharged battery.
2. Disconnect the opposite end of the negative **(-)** jumper cable from the negative **(-)** post of the booster battery.
3. Disconnect the positive **(+)** end of the jumper cable from the positive **(+)** post of the booster battery.
4. Disconnect the opposite end of the positive **(+)** jumper cable from the remote positive **(+)** post of the vehicle with the discharged battery, and reinstall the protective cap.

If frequent jump starting is required to start your vehicle you should have the battery and charging system inspected 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 vehicle operation, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the vehicle from starting.

OVERRIDE

Gear Selector Override — Gas Models

WARNING!

A special procedure and/or tool is required to disengage the Manual Park Release. Vehicle damage, serious personal injury or death could occur

(Continued)

WARNING!

if performed incorrectly. Please contact roadside assistance or an authorized dealer for further assistance.

IF YOUR ENGINE OVERHEATS

DESCRIPTION

If the vehicle is overheating, it will need to be serviced by an authorized dealer.

Potential signs of vehicle overheating:

- Temperature gauge is at HOT (H)
- Strong smell of coolant
- White smoke coming from engine or exhaust
- Coolant bottle coolant has bubbles present

WARNING!

You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never try to open a cooling system pressure cap when the radiator or coolant bottle is hot.

If the temperature gauge is moving towards or close to the HOT (H) position, you can reduce the potential for overheating by taking the appropriate action.

- On highways — slow down.
- In city traffic — while stopped, place the transmission in NEUTRAL (N), but do not increase the engine idle speed while preventing vehicle motion with the brakes.
- Turn the Air Conditioner (A/C) off. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.
- Turn the temperature control to maximum heat, and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.

CAUTION!

Driving with a hot cooling system could damage your vehicle. If the temperature gauge reads HOT (H), 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.

FREEING A STUCK VEHICLE

DESCRIPTION

If your vehicle becomes stuck in mud, sand or snow, it can often be moved using a rocking motion. Turn the steering wheel right and left to clear the area around the front wheels. Push and hold the lock button on the gear selector. Then, shift back and forth between DRIVE (D) and REVERSE (R) while gently pressing the accelerator.

NOTE:

Shifts between DRIVE (D) and REVERSE (R) can only be achieved at wheel speeds of 5 mph (8 km/h) or less. Whenever the vehicle remains in NEUTRAL (N) for more than two seconds, you must press the brake pedal to engage DRIVE (D) or REVERSE (R).

Use the least amount of accelerator pedal pressure that will maintain the rocking motion without spinning the wheels.

NOTE:

Push the ESC OFF button to place the Electronic Stability Control (ESC) system in “Partial OFF” mode, before rocking the vehicle. Once the vehicle has been freed, push the ESC OFF button again to restore “ESC On” mode.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause damage, or even failure, of the axle and tires. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping when you are stuck and do not let anyone near a spinning wheel, no matter what the speed.

CAUTION!

- Spinning the wheels may lead to gear box overheating and failure. Allow the vehicle to rest with the gear box in NEUTRAL for at least one minute after every five rocking-motion cycles. This

(Continued)

CAUTION!

will minimize overheating and reduce the risk of gear box 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.
- Spinning the wheels too fast may lead to gear box overheating and failure. It can also damage the tires. Do not spin the wheels above 30 mph (48 km/h) while in gear (no gear box shifting occurring).

TOWING A DISABLED VEHICLE

DESCRIPTION

NOTE:

The vehicle must be in Neutral (N) with the parking brake released before loading the vehicle onto a flatbed tow truck. To place the vehicle into Neutral (N) the 12 Volt battery must be connected and fully charged. If there is a low voltage issue with the 12 Volt battery refer to "Jump Starting" and attempt to place the vehicle into Neutral (N). If the Jump Starting procedure does not resolve the situation or the shifter still cannot be placed into Neutral (N) contact a commercial towing service and have the vehicle transported.

This section describes procedures for towing a disabled vehicle using a commercial towing service.

Towing Condition	Wheels OFF The Ground	Single Speed Gear Box
Flat Tow	NONE	**NOT ALLOWED**
Wheel Lift Or Dolly Tow	Front	**NOT ALLOWED**
	Rear	**NOT ALLOWED**
Flatbed	**ALL**	**BEST METHOD**

Proper towing or lifting equipment is required to prevent damage to your vehicle. Use only tow bars and other equipment designed for this purpose, following equipment manufacturer’s instructions. Use of safety chains is mandatory. Attach a tow bar or other towing device to main structural members of the vehicle, not to fascia/bumpers or associated brackets. State and local laws regarding vehicles under tow must be observed.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the power start button must be in the ON/RUN mode.

CAUTION!

- Do not use sling type equipment when towing. Vehicle damage may occur.
- When securing the vehicle to a flatbed truck, do not attach to front or rear suspension

(Continued)

CAUTION!

components. Damage to your vehicle may result from improper towing.

- FCA does not recommend towing this vehicle using a tow dolly. Vehicle damage may occur.
- If the vehicle being towed requires steering, the vehicle 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 power start button in the 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.

ENHANCED ACCIDENT RESPONSE SYSTEM (EARS)

DESCRIPTION

This vehicle is equipped with an Enhanced Accident Response System.

This feature is a communication network that takes effect in the event of an impact ⇨ page 57.

EVENT DATA RECORDER (EDR)

Description

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 ⇨ page 58.

MAINTENANCE AND VEHICLE CARE

SAFETY TIPS

Transporting Passengers

NEVER TRANSPORT PASSENGERS IN THE CARGO AREA.

WARNING!

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat buildup may cause serious injury or death.
- It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

Transporting Pets

Air Bags deploying in the front seat could harm your pet. An unrestrained pet will be thrown about and possibly injured, or injure a passenger during panic braking or in a collision.

Pets should be restrained in the rear seat (if equipped) in pet harnesses or pet carriers that are secured by seat belts.

Connected Vehicles

Privacy of any wireless and wired communications cannot be assured. Third parties may unlawfully intercept information and private communications without your consent. For further information, refer to “Data Collection & Privacy” in your Uconnect Radio Instruction Manual.

WARNING!

It is not possible to know or to predict all of the possible outcomes if your vehicle’s systems are breached. It may be possible that vehicle systems, including safety related systems, could be impaired or a loss of vehicle control could occur that may result in an accident involving serious injury or death.

Safety Checks You Should Make Inside The Vehicle

Seat Belts

Inspect the seat belt system periodically, checking for cuts, frays, and loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system.

If your vehicle is involved in a collision, or if you have questions regarding the seat belt or retractor conditions, take your vehicle to an authorized FCA US LLC dealer or authorized FCA Certified Collision Care Program facility for inspection.

Air Bag Warning Light

The Air Bag Warning Light will turn on for two to eight seconds as a bulb check when the Start button is first placed in the ON/RUN position. If the light is either not on during starting, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible. After the bulb check, this light will illuminate with a single chime when a fault with the Air Bag System has been detected. It will stay on until the fault is removed. If the light comes on intermittently or remains on while driving, have an authorized dealer service the vehicle immediately ⇨ page 40.

Defroster

Check operation by selecting the defrost mode and place the blower control on high speed. You should be able to feel the air directed against the windshield. See an authorized dealer for service if your defroster is inoperable.

Floor Mat Safety Information

Always use floor mats designed to fit your vehicle. Only use a floor mat that does not interfere with the

operation of the accelerator, brake or clutch pedals. Only use a floor mat that is securely attached using the floor mat fasteners so it cannot slip out of position and interfere with the accelerator, brake or clutch pedals or impair safe operation of your vehicle in other ways.

WARNING!

An improperly attached, damaged, folded, or stacked floor mat, or damaged floor mat fasteners may cause your floor mat to interfere with the accelerator, brake, or clutch pedals and cause a loss of vehicle control. To prevent SERIOUS INJURY or DEATH:

- ALWAYS securely attach your floor mat using the floor mat fasteners. DO NOT install your floor mat upside down or turn your floor mat over. Lightly pull to confirm mat is secured using the floor mat fasteners on a regular basis.
- ALWAYS REMOVE THE EXISTING FLOOR MAT FROM THE VEHICLE before installing any other floor mat. NEVER install or stack an additional floor mat on top of an existing floor mat.
- ONLY install floor mats designed to fit your vehicle. NEVER install a floor mat that cannot be properly attached and secured to your vehicle. If a floor mat needs to be replaced, only use a FCA approved floor mat for the specific make, model, and year of your vehicle.
- ONLY use the driver's side floor mat on the driver's side floor area. To check for interference, with the vehicle properly parked with the engine off,

(Continued)

WARNING!

fully depress the accelerator, the brake, and the clutch pedal (if present) to check for interference. If your floor mat interferes with the operation of any pedal, or is not secure to the floor, remove the floor mat from the vehicle and place the floor mat in your trunk.

- ONLY use the passenger's side floor mat on the passenger's side floor area.
- ALWAYS make sure objects cannot fall or slide into the driver's side floor area when the vehicle is moving. Objects can become trapped under accelerator, brake, or clutch pedals and could cause a loss of vehicle control.
- NEVER place any objects under the floor mat (e.g., towels, keys, etc.). These objects could change the position of the floor mat and may cause interference with the accelerator, brake, or clutch pedals.
- If the vehicle carpet has been removed and re-installed, always properly attach carpet to the floor and check the floor mat fasteners are secure to the vehicle carpet. Fully depress each pedal to check for interference with the accelerator, brake, or clutch pedals then re-install the floor mats.
- It is recommended to only use mild soap and water to clean your floor mats. After cleaning, always check your floor mat has been properly installed and is secured to your vehicle using the floor mat fasteners by lightly pulling mat.

Periodic Safety Checks You Should Make Outside The Vehicle

Tires

Examine tires for excessive tread wear and uneven wear patterns. Check for stones, nails, glass, or other objects lodged in the tread or sidewall. Inspect the tread for cuts and cracks. Inspect sidewalls for cuts, cracks, and bulges. Check the lug nuts/bolt torque for tightness. Check the tires (including spare) for proper cold inflation pressure.

Lights

Have someone observe the operation of brake lights and exterior lights while you work the controls. Check turn signal and high beam indicator lights on the instrument panel.

Door Latches

Check for proper closing, latching, and locking.

Fluid Leaks

Check area under the vehicle after overnight parking for fuel, coolant, oil, or other fluid leaks. Also, if gasoline fumes are detected or if fuel or brake fluid leaks are suspected, the cause should be located and corrected immediately.

Exhaust Gas

WARNING!

Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing (CO), follow these safety tips:

- Do not run the engine in a closed garage or in confined areas any longer than needed to move your vehicle in or out of the area.
- If you are required to drive with the trunk/liftgate/rear doors open, make sure that all windows are closed and the climate control BLOWER switch is set at high speed. DO NOT use the recirculation mode.
- If it is necessary to sit in a parked vehicle with the engine running, adjust your heating or cooling controls to force outside air into the vehicle. Set the blower at high speed.

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

Whenever a change is noticed in the sound of the exhaust system, when exhaust fumes can be detected inside the vehicle, or when the underside or rear of the vehicle is damaged, have an authorized dealer inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, inspect the exhaust system each time the vehicle is raised for lubrication or oil change. Replace as required.

Carbon Monoxide Warnings

WARNING!

Carbon monoxide (CO) in exhaust gases is deadly. Follow the precautions provided to prevent carbon monoxide poisoning:

- Do not inhale exhaust gases. They contain carbon monoxide, a colorless and odorless gas, which can kill. Never run the engine in a closed area, such as a garage, and never sit in a parked vehicle with the engine running for an extended period. If the 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.

SCHEDULED SERVICING — EV MODELS

Maintenance Plan

Required Maintenance Intervals:

Refer to the following maintenance schedules for the required maintenance intervals. More frequent maintenance may be needed in severe conditions, such as dusty areas and very short trip driving.
In some extreme conditions, additional maintenance not specified in the maintenance schedule may be required.

Once A Month Or Before A Long Trip:

- Check the operation of the interior and exterior lights
- Check the 12V battery terminals, cables and connections
- Check the brake pads, rotors, brake operation and fluid level
- Check the steering, suspension, chassis components and axle boots
- Check the wiper and washer operation, wiper blades and solvent reservoir
- Check the tire pressure
- Check the coolant reservoir(s)

Mileage Or Time Passed (Whichever Comes First)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	16,000	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional Inspections															
Inspect front suspension, tie rod ends, boot seals, and replace if necessary.	X	X		X		X		X		X		X		X	
Inspect the brake linings, replace as necessary.	X	X		X		X		X		X		X		X	
Additional Maintenance															
Rotate the tires every 10,000 or if tread depth difference is 2/32" (1.5 mm) or greater, whichever comes first.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inspect the CV/Universal joints.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Replace cabin air filter.		To be replaced every 12,000 miles (19,000 km).													
Flush and replace the coolant at 10 years or 150,000 miles (240,000 km) whichever comes first.										X					X
Drain and fill the Electric Drive Module (EDM).															X

WARNING!

- You can be badly injured working on or around a motor vehicle. Do only service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.
- Failure to properly inspect and maintain your vehicle could result in a component malfunction and affect vehicle handling and performance. This could cause an accident.

SCHEDULED SERVICING — GAS MODELS

DESCRIPTION

Your vehicle is equipped with an automatic oil change indicator system. The oil change indicator system will remind you that it is time to take your vehicle in for scheduled maintenance.

Based on engine operation conditions, the oil change indicator message will illuminate. This means that service is required for your vehicle. Operating conditions such as frequent short-trips, trailer tow, and extremely hot or cold ambient temperatures will influence when the "Oil Change Required" message is displayed. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

An authorized dealer will reset the oil change indicator message after completing the scheduled oil change. If a scheduled oil change is performed by someone other than an authorized dealer, the message can be reset by referring to the steps described under Instrument Cluster Display ⇨ page 91.

NOTE:

Under no circumstances should oil change intervals exceed 10,000 miles (16,000 km), 12 months or 350 hours of engine run time, whichever comes first. The 350 hours of engine run or idle time is generally only a concern for fleet customers.

Once A Month Or Before A Long Trip:

- Check engine oil level
- Check the operation of the interior and exterior lights
- Check the 12V battery terminals, cables and connections
- Check the brake pads, rotors, brake operation and fluid level
- Check the steering, suspension, chassis components and axle boots
- Check the wiper and washer operation, wiper blades and reservoir
- Check the coolant fluid reservoir(s)

Maintenance Plan

Refer to the Maintenance Plan for required maintenance. More frequent maintenance may be needed in severe conditions, such as dusty areas and very short trip driving. In some extreme conditions, additional maintenance not specified in the maintenance schedule may be required.

At Every Oil Change Interval As Indicated By Oil Change Indicator System
• Change the oil and filter.
• Rotate the tires at the first sign of irregular wear, even if it occurs before the oil indicator system turns on.
• Inspect the battery and clean and tighten terminals as required.
• Inspect the CV/Universal joints.

At Every Oil Change Interval As Indicated By Oil Change Indicator System
● Inspect the brake pads, shoes, rotors, drums, and hoses.
● Inspect the cooling system protection and hoses.
● Inspect the exhaust system.
● Inspect the engine air cleaner if using in dusty or off-road conditions, replace the engine air cleaner, as necessary.

NOTE:
Using white lithium grease, lubricate the door hinge roller pivot joints twice a year to prevent premature wear.

Mileage Or Time Passed (Whichever Comes First)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional Inspections														
Inspect front suspension, tie rod ends, and replace if necessary.	X		X		X		X		X		X		X	
Inspect the brake linings, replace as necessary.	X		X		X		X		X		X		X	
Additional Maintenance														
Replace cabin air filter.	To be replaced every 12,000 miles (19,000 km).													

Mileage Or Time Passed (Whichever Comes First)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Replace engine air cleaner filter.		X			X			X			X			X
Replace spark plugs. [1]					X						X			
Flush and replace the engine coolant at 10 years or 150,000 miles (240,000 km) whichever comes first.									X					X
Inspect and replace PCV valve if necessary.									X					

WARNING!

- You can be badly injured working on or around a motor vehicle. Do only service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.
- Failure to properly inspect and maintain your vehicle could result in a component malfunction and affect vehicle handling and performance. This could cause an accident.

[1] The spark plug change interval is mileage-based only; yearly intervals do not apply.

UNDERHOOD COMPARTMENT — EV MODELS

400 Volt

1 — Power Distribution Center
2 — Coolant Surge Tank and Pressure Cap
3 — Brake Fluid Reservoir
4 — Windshield Washer Reservoir

Electric Drive Module (EDM) Break-In Recommendations

A long break-in period is not required for the Electric Drive Module (EDM) and drivetrain components in your vehicle. Vehicles are built with bearings and gears that require a brief period of time to properly break-in to prevent overheating or premature damage.

- 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. Wide-open throttle accelerations should be avoided.
- Towing is not recommended within the first 500 miles (805 km) of operation.
- After 500 miles (805 km), towing in short distances of less than 15 miles (24 km) is recommended and the vehicle should be cooled down before proceeding. This should be repeated during the first 45 to 50 miles (72 to 80 km) of towing.

Adding Washer Fluid

The fluid reservoir is located under the hood and the fluid level should be checked 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 the wiper blades clean. 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.

Windshield washer solution used with water as directed on the container, aids cleaning action, reduces the freezing point to avoid line clogging, and is not harmful to paint or trim.

Maintenance-Free 12 Volt Battery

Your vehicle is equipped with a maintenance-free battery. You will never have to add water, and periodic maintenance is not required.

WARNING!

- Battery fluid is a corrosive acid solution and can burn or even blind you. Do not allow battery fluid to contact your eyes, skin, or clothing. Do not lean over a battery when attaching clamps. If acid splashes in eyes or on skin, flush the area immediately with large amounts of water.
- Battery gas is flammable and explosive. Keep flame or sparks away from the battery. Do not

(Continued)

WARNING!

use a booster battery or any other booster source with an output greater than 12 Volts. Do not allow cable clamps to touch each other.

- Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

CAUTION!

- It is essential when replacing the cables on the battery that the positive cable is attached to the positive post and the negative cable is attached to the negative post. Battery posts are marked positive (+) and negative (-) and are identified on the battery case. Cable clamps should be tight on the terminal posts and free of corrosion.
- If a “fast charger” is used while the battery is in the vehicle, disconnect both vehicle battery cables before connecting the charger to the battery. Do not use a “fast charger” to provide starting voltage.

Pressure Washing

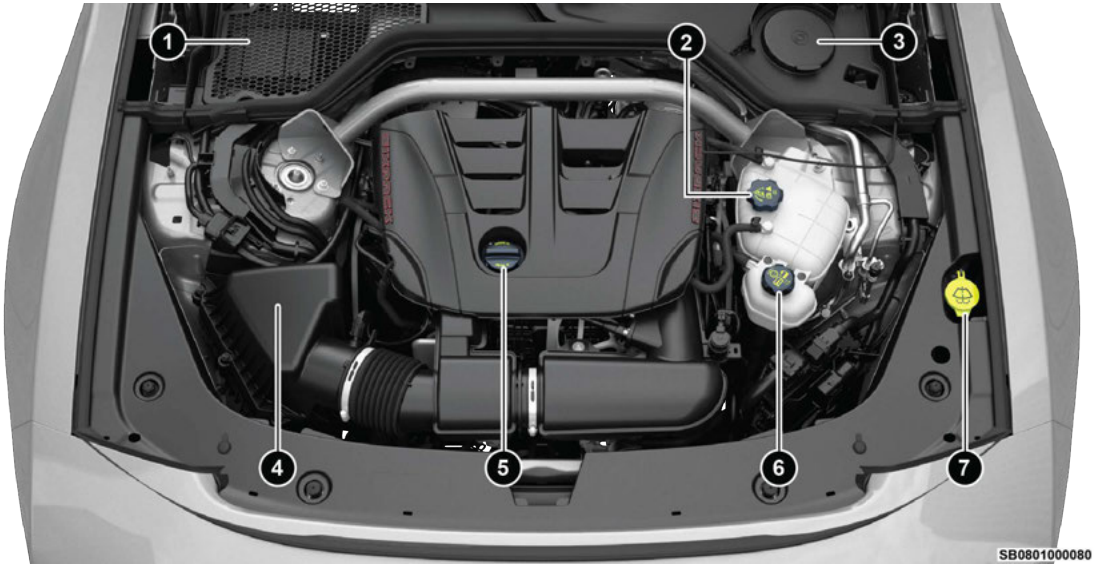
Cleaning the underhood compartment with a high pressure washer is not recommended.

CAUTION!

Precautions have been taken to safeguard all parts and connections however, the pressures generated by these machines is such that complete protection against water ingress cannot be guaranteed.

UNDERHOOD COMPARTMENT — GAS MODELS

3.0 Liter Hurricane



1 — Power Distribution Center (PDC)
2 — Coolant Reservoir
3 — Brake Fluid Reservoir
4 — Air Cleaner, Filter
5 — Oil Filler Cap
6 — Intercooler Reservoir
7 — Washer Fluid Reservoir

Checking Oil Level — 3.0L Engines

The 3.0L engine does not have a traditional “dipstick” and there is no need to manually check the oil level. If it is desired to check engine oil level, it can be seen on the instrument cluster display by navigating to the appropriate screen under “Vehicle Info”. Use the **up** △ or **down** ▽ arrow buttons within the steering wheel controls to find the “Vehicle Info” menu. Then use the **right** ▷ or **left** ◁ arrow buttons until you reach the “Oil Level” submenu.

There is a bar on the gauge which shows the oil level. As long as the oil level is between the minimum and the maximum it is safe to operate the vehicle. If the oil level is either too high or too low, a red bar will be illuminated.

When the engine is in need of more oil, the Oil Level Warning Light will illuminate. This warning will appear for five seconds. Within the next 300 miles (500 km) you should add 1 quart of manufacturer specified motor oil to the engine ⇨ page 286.

Oil Level Critically Low (Add 2 Quarts)	
Oil Level Low (Add 1 Quart)	
Oil Level Ok	

Oil Level Critically High	

This light will reappear every time the engine is started until a safe level is detected. Continuing to operate the vehicle without adding oil may result in a critically low oil level and possible engine damage (see the following Caution regarding Critically Low).

NOTE:

Use care when filling under hood fluids such as engine oil, washer fluid, antifreeze, etc. to minimize spillage onto top of engine. Any excess fluid that is spilled onto the top of the engine should be removed using compressed air or an absorbent cloth.

Oil Level Display - How To Refresh

The oil level is automatically monitored when the vehicle is parked on a level surface, the oil is warm and the engine has been off approximatly four minutes. To refresh the oil level display (after a quart of the correct oil has been added), follow this process:

- Run the engine until the oil temperature is above 180°F (82°C).
- Park the vehicle on relatively level ground.
- Turn the engine off and cycle the Start button to the ON/RUN position. Wait four minutes with the engine off, and the button in the ON/RUN position.
- Start the engine and the new oil level will be available in the Vehicle Info menu (accessible via the navigation buttons on the steering wheel).

NOTE:

- If there has not been a notable change in the oil level since the previous reading, there may not be any notification or change in the display after the system has taken another reading.
- The oil level system takes measurements only while the engine is off, has warm oil, and the vehicle is parked on reasonably level ground. In order to get a consistent oil level reading the Start button must be in the ON/RUN position for approximately four minutes, however the system may occasionally take readings with the vehicle OFF during normal usage.
- If you have added a quart of oil and the indicator is not reading 3/4 or full, please contact an authorized dealer for service.

WARNING!
Be aware the oil cap may be hot. Please use suitable gloves. WARNING: risk of burns!

CAUTION!
Do not to add too much oil. Overfilling the oil may damage the engine.

NOTE:

- After adding oil to the engine, always reinstall the oil cap securely by rotating clockwise until it stops. Never run the engine without the oil fill cap as this could cause an oil leak.
- Because the oil level is automatically detected only when the engine has been off and restarted (after four minutes), the system cannot immediately detect a sudden drop in oil level while driving (for example,

if the oil pan starts to leak due to damage during an off-road event).

CAUTION!

If the "Critically Low or Critically High" Oil Level Warning Light is illuminated, the following steps should be taken:

- Critically Low: add two quarts of manufacturer specified oil as soon as possible ⇨ page 286. Continuing to operate the vehicle with "Critically Low" oil level may damage the engine.
- Critically High: contact an authorized dealer for service. Continuing to operate the vehicle with "Critically High" oil level may damage the engine.

Do not use any oils that are not manufacturer specified and API approved.

Used engine oil and oil filters contain substances which are harmful to the environment. When oil and filters are changed contact an authorized dealer and dispose of in a safe and responsible manner.

Adding Washer Fluid

The fluid reservoir is located under the hood and the fluid level should be checked 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 the wiper blades clean. 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.

Windshield washer solution used with water as directed on the container, aids cleaning action, reduces the freezing point to avoid line clogging, and is not harmful to paint or trim.

Maintenance-Free 12 Volt Battery

Your vehicle is equipped with a maintenance-free battery. You will never have to add water, and periodic maintenance is not required.

WARNING!

- Battery fluid is a corrosive acid solution and can burn or even blind you. Do not allow battery fluid to contact your eyes, skin, or clothing. Do not lean over a battery when attaching clamps. If acid splashes in eyes or on skin, flush the area immediately with large amounts of water.
- 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!

- 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.

Pressure Washing

Cleaning the underhood compartment with a high pressure washer is not recommended.

CAUTION!

Precautions have been taken to safeguard all parts and connections however, the pressures generated by these machines is such that complete protection against water ingress cannot be guaranteed.

VEHICLE MAINTENANCE

DESCRIPTION

An authorized dealer has the qualified service personnel, special tools, and equipment to perform all service operations in an expert manner. Service Manuals are available which include detailed service information for your vehicle. Refer to these Service Manuals before attempting any procedure yourself.

NOTE:

Intentional tampering with emissions control systems may void your warranty and could result in civil penalties being assessed against you.

WARNING!
You can be badly injured working on or around a motor vehicle. Only do service work for which you have the knowledge and the proper equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

ENGINE OIL

Engine Oil Selection

Use only the manufacturer's recommended fluids ⇨ page 286.

NOTE:

Engines at times can tick right after startup and then quiet down after approximately 30 seconds. This is normal and will not harm the engine. This characteristic can be caused by short drive cycles. For example, if the vehicle is started then shut off after driving a short distance. Upon restarting, you may experience a ticking sound. Other causes could be if the vehicle is unused for an extended period of time, incorrect oil, extended oil changes or extended idling. If the engine continues to tick or if the Malfunction Indicator Light (MIL) comes on, see the nearest authorized dealer.

American Petroleum Institute (API) Approved Engine Oil

These symbols mean that the oil has been certified by the API. The manufacturer only recommends API trademark oils.

The API Starburst trademark certifies 0W-20, 0W-30 and 5W-30 engine oils.

The API Donut trademark certifies 0W-40 and 5W-40 engine oil.

CAUTION!
Do not use chemical flushes in your engine oil as the chemicals can damage your engine. Such damage is not covered by the New Vehicle Limited Warranty.

Synthetic Engine Oils

Your engine was designed for synthetic engine oils, only use synthetic API approved engine oils.

Synthetic engine oils which do not have both the correct API trademark and the correct SAE viscosity grade numbers should not be used.

Materials Added To Engine Oil

The manufacturer strongly recommends against the addition of any additives (other than leak detection dyes) to the engine oil. Engine oil is an engineered product and its performance may be impaired by supplemental additives.

Disposing Of Used Engine Oil And Oil Filters

Care should be taken in disposing of used engine oil and oil filters from your vehicle. Used oil and oil filters, indiscriminately discarded, can present a problem to the environment. Contact an authorized dealer, service station or governmental agency for advice on how and where used oil and oil filters can be safely discarded in your area.

ENGINE OIL FILTER

The engine oil filter should be replaced with a new filter at every engine oil change.

Engine Oil Filter Selection

A full-flow type disposable oil filter should be used for replacement. The quality of replacement filters varies considerably. Only high quality Mopar® certified filters should be used. It is preferred to use bproauto® filters as an alternative. If neither Mopar® or bproauto® filters are available, only use filters that meet or exceed SAE/USCAR-36 filter performance requirements.

Engine Air Cleaner Filter — Gas Models

For the proper maintenance intervals ⇨ page 230.

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.

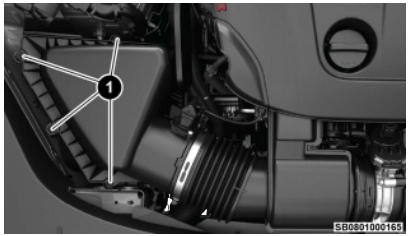
Engine Air Cleaner Filter Selection

The quality of replacement filters varies considerably. Only high quality Mopar® certified filters should be used.

Engine Air Cleaner Filter Inspection and Replacement

Engine Air Cleaner Filter Removal

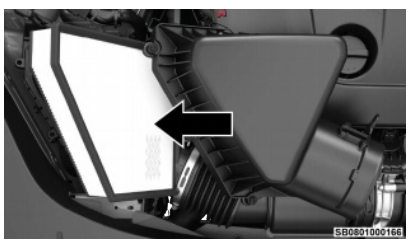
1. With suitable tool fully loosen fasteners on the engine air cleaner filter cover.
2. Lift the engine air cleaner, filter cover on the outside edge and push outboard to disengage hinge to detach hinge to access the engine air cleaner filter.



Engine Air Cleaner Filter Cover

1 — Fasteners

3. Remove the engine air cleaner filter from the housing assembly.



Air Filter Element

Engine Air Cleaner Filter Installation

NOTE:

Inspect and clean the housing if significant dirt or debris is present before replacing the engine air cleaner filter.

1. Install the engine air cleaner, filter into the housing assembly with the engine air clearner, filter pleats (the area to be inspected) surface facing downward.
2. Install the engine air cleaner filter cover onto the housing assembly locating tabs by first engaging the cover into the hinge.
3. Tighten the fasteners on the engine air cleaner filter assembly.

CAUTION!

Do not overtighten the engine air cleaner filter cover lid screws or damage may result.

Air Conditioner Maintenance

For best possible performance, your air conditioner should be checked and serviced by an authorized dealer at the start of each warm season. This service should include cleaning of the condenser fins and a performance test. Drive belt tension should also be checked at this time.

WARNING!

- Use only refrigerants and compressor lubricants approved by the manufacturer for your air conditioning system. Some unapproved refrigerants are flammable and can explode, injuring you. Other unapproved refrigerants or lubricants can cause the system to fail, requiring costly repairs. Refer to Warranty Information Book, for further warranty information.

(Continued)

WARNING!

- The air conditioning system contains refrigerant under high pressure. To avoid risk of personal injury or damage to the system, adding refrigerant or any repair requiring lines to be disconnected should be done by an experienced technician.

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:

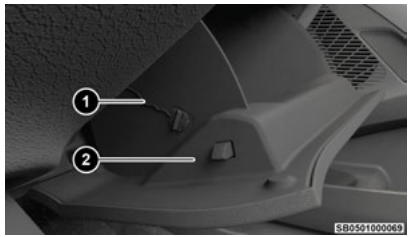
Use only manufacturer approved A/C system PAG compressor oil, and refrigerants.

Cabin Air Filter Replacement

Your vehicle is equipped with a N95+BIO HVAC Cabin Filter.

The cabin air filter is located in the fresh air inlet behind the glove compartment. Perform the following procedure to replace the filter:

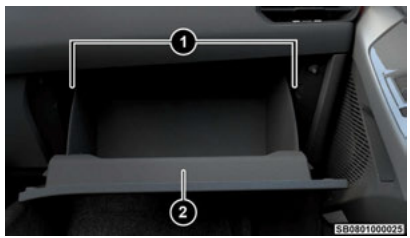
1. Open the glove compartment and remove all contents.
2. With the glove compartment door open, remove the glove compartment tension tether and tether clip by sliding the clip toward the face of the glove compartment door. Lift the clip out of glove compartment door and release into dash panel.



Left Side Of Glove Compartment

1 — Tension Tether
2 — Glove Compartment Door

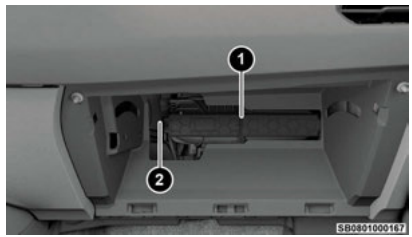
3. There are glove compartment travel stops on both sides of the glove compartment door. Remove the travel stops by rotating them a quarter turn counterclock-wise using a ¼ inch allen wrench.



Glove Compartment

1 — Glove Compartment Travel Stops
2 — Glove Compartment Door

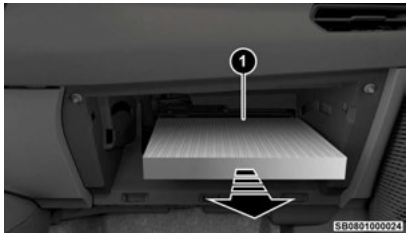
4. Lower the glovebox door and remove it from the three hinges at the bottom on the instrument panel.
5. Push the outside retaining tab towards the drivers side of the vehicle to release the cover from the HVAC housing.



Cabin Air Filter Cover

1 — Cabin Air Filter Cover
2 — Retaining Tab

6. Remove the cabin air filter by pulling it straight out of the housing.



Cabin Air Filter

1 — Cabin Air Filter

7. Install the cabin air filter with the arrow on the filter pointing toward the floor. When installing the filter cover, make sure the retaining tabs fully engage into the HVAC housing.

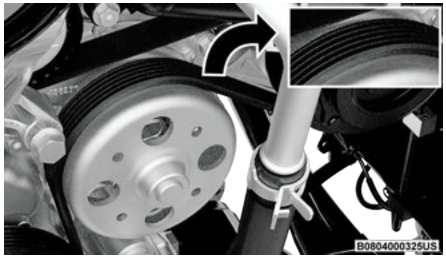
CAUTION!
The cabin air filter is identified with an arrow to indicate airflow direction through the filter. Failure to properly install the filter will result in the need to replace it more often.

8. Align the filter cover and slide it towards the passenger side to engage the retainer tabs and press the left side of the filter cover to lock it back in place.
9. Reinstall the glove compartment door on the door hinges.
10. Reattach the glove compartment tension tether by inserting the tether clip in the glove compartment and sliding the clip away from the face of the glove compartment door.
11. Reattach the travel stops and check that the door opens and closes.

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 Start button 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 the ribbed surface of the belt from rib to rib, are considered normal. This is not a reason to replace the belt. However, cracks running along a rib (not across) are not normal. Any belt with cracks running along a rib must be replaced. Also have the belt replaced if it has excessive wear, frayed cords or severe glazing.



Accessory Belt (Serpentine Belt)

Conditions that would require replacement:

- Rib chunking (one or more ribs has separated from belt body)
- Rib or belt wear
- Longitudinal belt cracking (cracks between two ribs)
- Belt slips
- Groove jumping (belt does not maintain correct position on pulley)
- Belt broken (must identify and correct problem before new belt is installed)
- Noise (objectionable squeal, squeak, or rumble is heard or felt while drive belt is in operation)

Some conditions can be caused by a faulty component such as a belt pulley. Belt pulleys should be carefully inspected for damage and proper alignment.

Belt replacement on some models requires the use of special tools, we recommend having your vehicle serviced at an authorized dealer.

Body Lubrication

Locks and all body pivot points, including such items as seat tracks, door hinge pivot points and rollers, liftgate, tailgate, decklid, sliding doors and hood hinges, should be lubricated periodically with a lithium-based grease, such as Mopar® Spray White Lube to ensure quiet, easy operation and to protect against rust and wear. Prior to the application of any lubricant, the parts concerned should be wiped clean to remove dust and grit; after lubricating, excess oil and grease should be removed. Particular attention should also be given to hood latching components to ensure proper function. When performing other underhood services, the hood latch, release mechanism and safety catch should be cleaned and lubricated.

The external lock cylinders should be lubricated twice a year, preferably in the Autumn and Spring. Apply a small amount of a high quality lubricant, such as Mopar® Lock Cylinder Lubricant directly into the lock cylinder.

Windshield Wiper Blades

Clean the rubber edges of the wiper blades and the windshield periodically with a sponge or soft cloth and a mild nonabrasive cleaner. This will remove accumulations of salt or road film.

Operation of the wipers on dry glass for long periods may cause deterioration of the wiper blades. Always use washer fluid when using the wipers to remove salt or dirt from a dry windshield.

Avoid using the wiper blades to remove frost or ice from the windshield. Keep the blade rubber out of contact with petroleum products such as engine oil, gasoline, etc.

NOTE:
Life expectancy of wiper blades varies depending on geographical area and frequency of use. Poor performance of blades may be present with chattering, marks, water lines or wet spots. If any of these conditions are present, clean the wiper blades or replace as necessary.

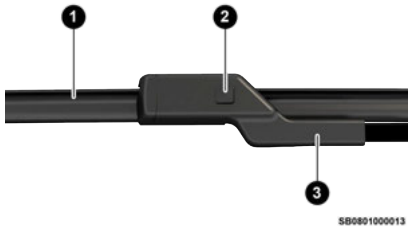
The wiper blades and wiper arms should be inspected periodically, not just when wiper performance problems are experienced. This inspection should include the following points:

- Wear or uneven edges
- Foreign material
- Hardening or cracking
- Deformation or fatigue

If a wiper blade or wiper arm is damaged, replace the affected wiper arm or blade with a new unit. Do not attempt to repair a wiper arm or blade that is damaged.

Front Wiper Blade Removal/Installation

1. Lift the front wiper arm upward to raise the wiper blade off of the windshield.
2. Push the release button on the arm of the wiper blade.
3. Push the wiper blade up and remove it.



Wiper Arm And Blade

1 — Wiper Blade
2 — Release Button
3 — Wiper Arm

4. Install the wiper blade and firmly push the wiper blade until it snaps into place.

Exhaust System

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

If you notice a change in the sound of the exhaust system; or if exhaust fumes can be detected inside the vehicle; or when the underside or rear of the vehicle is damaged; have an authorized technician inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, have the exhaust system inspected each time the vehicle is raised for lubrication or oil changes. Replace as required.

WARNING!

- Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing CO see ⇨ page 228.
- A hot exhaust system can start a fire if you park over materials that can burn. Such materials might be grass or leaves coming into contact with your exhaust system. Do not park or operate your vehicle in areas where your exhaust system can contact anything that can burn.

CAUTION!

- The catalytic converter requires the use of unleaded fuel only. Leaded gasoline will destroy the effectiveness of the catalyst as an emissions control device and may seriously reduce engine performance and cause serious damage to the engine.
- Damage to the catalytic converter can result if your vehicle is not kept in proper operating condition. In the event of engine malfunction, particularly involving engine misfire or other apparent loss of performance, have your vehicle serviced promptly. Continued operation of your vehicle with a severe 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 vehicle 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 components disconnected or removed, such as during diagnostic testing, or for prolonged periods during very rough idle or malfunctioning operating conditions.

COOLING SYSTEM

WARNING!

- Continued loss of coolant can cause damage to the high voltage battery. Damage to the high voltage battery can create a risk of fire that could result to property damage, serious injury or death.

(Continued)

WARNING!

(Continued)

If the cooling system requires service, see your authorized dealer.

- You or others can be badly burned by hot 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.
- Some areas under the hood remain very hot for a while after driving or charging and may cause serious burns if touched.
- Keep hands, tools, clothing, and jewelry away from the radiator cooling fan when the hood is raised. The cooling fan may start operating at any time, including during charging. Hands or clothing caught in a rotating fan may cause serious injury.
- When working near the radiator cooling fan, disconnect the fan motor lead and place the Start button in the OFF mode. The fan is temperature controlled and can start at any time the Start button is ON.

Coolant Checks

Check the coolant (antifreeze) protection every 12 months (before the onset of freezing weather, where applicable). If the coolant is dirty, the system should be drained, flushed, and refilled with fresh Organic Additive Technology (OAT) coolant (conforming to MS.90032) by an authorized dealer. Check the front of the radiator 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 coolant recovery bottle tubing for, cracking, cuts, and tightness of the connection at the 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. If any coolant is needed to be added to the system please contact an authorized dealer.

If the coolant (antifreeze) is dirty or contains visible sediment, have an authorized dealer clean and flush with Organic Additive Technology (OAT) coolant (conforming to MS.90032).

For the proper maintenance intervals ⇨ page 226.

Selection Of Coolant

For further information ⇨ page 286.

NOTE:

- Mixing of coolant (antifreeze) other than specified Organic Additive Technology (OAT) coolant, may result in battery damage and may decrease corrosion protection. OAT coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) coolant or any “globally compatible” coolant. If a non-OAT coolant is introduced into the cooling system in an emergency, the cooling system will need to be drained, flushed, and refilled with fresh OAT coolant (conforming to MS.90032), by an authorized dealer as soon as possible.
- Do not use water alone or alcohol-based coolant products. Do not use additional rust inhibitors or anti-rust products, as they may not be compatible with the radiator coolant and may plug the radiator.
- This vehicle has not been designed for use with propylene glycol-based coolant. Use of propylene glycol-based coolant is not recommended.
- Some vehicles require special tools to add coolant properly. Failure to fill these systems properly could lead to severe battery 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 coolant (OAT coolant conforming to MS.90032) that allows extended maintenance intervals. This coolant (antifreeze) can be used up to 10 years or 150,000 miles (240,000 km) before replacement. To prevent reducing this extended maintenance period, it is important to use the same coolant (OAT coolant conforming to MS.90032) throughout the life of your vehicle.

Please review these recommendations for using Organic Additive Technology (OAT) coolant that meets the requirements of the manufacturer Material Standard MS.90032. When adding coolant:

- We recommend using Mopar® Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT that meets the requirements of the manufacturer Material Standard MS.90032.
- Use only high purity water such as distilled or deionized water when mixing the water/coolant solution. The use of lower quality water will reduce the amount of corrosion protection in the 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 battery damage. If any coolant is needed to be added to the system, please contact an authorized dealer.
- Mixing coolant types is not recommended and can result in cooling system damage. If HOAT and OAT coolant are mixed in an emergency, have an authorized dealer drain, flush, and refill with OAT coolant (conforming to MS.90032) as soon as possible.

Cooling System Pressure Cap

The cap must be fully tightened to prevent loss of coolant (antifreeze), and to ensure that coolant will return to the radiator from the coolant expansion bottle/recovery tank (if equipped).

The cap should be inspected and cleaned if there is any accumulation of foreign material on the sealing surfaces.

WARNING!

- Do not open hot cooling system. Never add coolant (antifreeze) when the vehicle is overheated. Do not loosen or remove the cap to cool an overheated vehicle. Heat causes pressure to build up in the cooling system. To prevent scalding or injury, do not remove the pressure cap while the system is hot or under pressure.
- Do not use a pressure cap other than the one specified for your vehicle. Personal injury or vehicle damage may result.

Disposal Of Used Coolant

Used ethylene glycol-based coolant (antifreeze) is a regulated substance requiring proper disposal. Check with your local authorities to determine the disposal rules for your community. To prevent ingestion by animals or children, do not store ethylene glycol-based coolant in open containers or allow it to remain in puddles on the ground, clean up any ground spills immediately. If ingested, seek emergency assistance immediately.

Coolant Level

The coolant bottle provides a quick visual method for determining that the coolant level is adequate. With the vehicle off and cold, the level of the 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 coolant freeze point or replacing coolant. Advise your service attendant of this. As long as the operating temperature is satisfactory, the coolant bottle need only be checked once a month.

When additional coolant is needed to maintain the proper level, only OAT coolant that meets the requirements of manufacturer Material Standard MS.90032 should be added to the coolant bottle. Do not overfill.

Cooling System Notes

NOTE:

When the vehicle is stopped after a few miles/kilometers of operation, you may observe vapor coming from the front of the compartment. This is normally a result of moisture from rain, snow, or high humidity accumulating on the radiator and being vaporized.

If an examination of your 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 coolant needs to be added, the contents of the coolant expansion bottle must also be protected against freezing.
- If frequent coolant additions are required, the cooling system should be pressure tested for leaks.
- Maintain coolant concentration at a minimum of 50% OAT coolant (conforming to MS.90032) and distilled water for proper corrosion protection.
- 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.

Brake System

In order to ensure brake system performance, all brake system components should be inspected periodically ⇨ page 228.

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

Check the fluid level in the master cylinder immediately if the Brake System Warning Light indicates system failure.

Check the fluid level in the master cylinder when performing underhood services.

Clean the top of the master cylinder area before removing the cap. Add fluid to bring the level up to the top of the “FULL” mark on the side of the master cylinder reservoir.

Overfilling of fluid is not recommended because it may cause leaking in the system.

Add enough fluid to bring the level up to the requirements described on the brake fluid reservoir. With disc brakes, fluid level can be expected to fall as the brake pads wear. However, low fluid level may be caused by a leak and a checkup may be needed.

Use only brake fluid that has been recommended by the manufacturer, and has been kept in a tightly closed container to avoid contamination from foreign matter or moisture.

For further information ⇨ page 286.

WARNING!

- Use only the manufacturer recommended brake fluid. Using the wrong type of brake fluid can severely damage your brake system and/or impair its performance. The proper type of brake fluid for your vehicle is also identified on the original factory installed hydraulic master cylinder reservoir.
- To avoid contamination from foreign matter or moisture, use only new brake fluid or fluid that has been in a tightly closed container. Keep the master cylinder reservoir cap secured at all times. Brake fluid in an open container absorbs moisture from the air resulting in a lower boiling point. This may cause it to boil unexpectedly during hard or prolonged braking, resulting in sudden brake failure. This could result in a collision.
- Overfilling the brake fluid reservoir can result in spilling brake fluid on hot parts, causing the brake fluid to catch fire. Brake fluid can also damage

(Continued)

WARNING!

painted and vinyl surfaces, care should be taken to avoid its contact with these surfaces.

- Do not allow petroleum-based fluid to contaminate the brake fluid. Brake seal components could be damaged, causing partial or complete brake failure. This could result in a collision.

Automatic Transmission

Special Additives

The manufacturer strongly recommends against using any special additives in the transmission. Automatic Transmission Fluid (ATF) is an engineered product and its performance may be impaired by supplemental additives. Therefore, do not add any fluid additives to the transmission. Avoid using transmission sealers as they may adversely affect seals.

CAUTION!

Do not use chemical flushes in your transmission as the chemicals can damage your transmission components. Such damage is not covered by the New Vehicle Limited Warranty.

Fluid Level Check

The fluid level is preset at the factory and does not require adjustment under normal operating conditions. Routine fluid level checks are not required, therefore the transmission has no dipstick. An authorized dealer can check your transmission fluid level using special service tools.

If you notice fluid leakage or transmission malfunction, visit an authorized dealer immediately to have the transmission fluid level checked. Operating the vehicle with an improper fluid level can cause severe transmission damage.

CAUTION!

If a transmission fluid leak occurs, visit an authorized dealer immediately. Severe transmission damage may occur. An authorized dealer has the proper tools to adjust the fluid level accurately.

Fluid And Filter Changes

Under normal operating conditions, the fluid installed at the factory will provide satisfactory lubrication for the life of the vehicle.

Routine fluid and filter changes are not required. However, change the fluid and filter if the fluid becomes contaminated (with water, etc.), or if the transmission is disassembled for any reason.

Selection Of Lubricant

It is important to use the proper transmission fluid to ensure optimum transmission performance and life. Use only the manufacturer recommended transmission fluid ⇨ page 286. It is important to maintain the transmission fluid at the correct level using the recommended fluid. 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.

FUSES

General Information

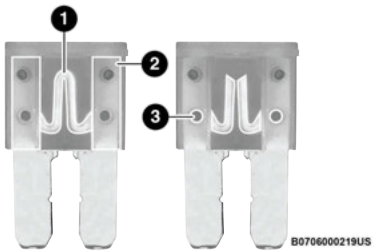
NOTE:

- 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 Start button 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, (propultion system, transmission system) steering system or Body Control Module (BCM) blows, contact an authorized dealer.

The fuses protect electrical systems against excessive current.

When a device does not work, you must check the fuse element inside the blade fuse for a break/melt.

Also, please be aware when using power outlets for extended periods of time with the Start button in the ON/RUN position may result in vehicle battery discharge.



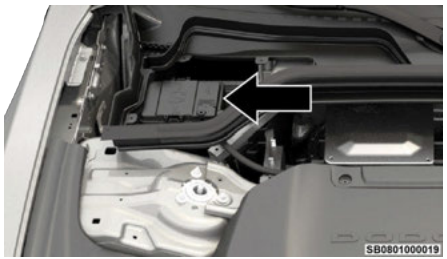
Blade Fuses

1 — Fuse Element
2 — Blade Fuse with a good/functional fuse element
3 — Blade Fuse with a bad/not functional fuse element (blown fuse)

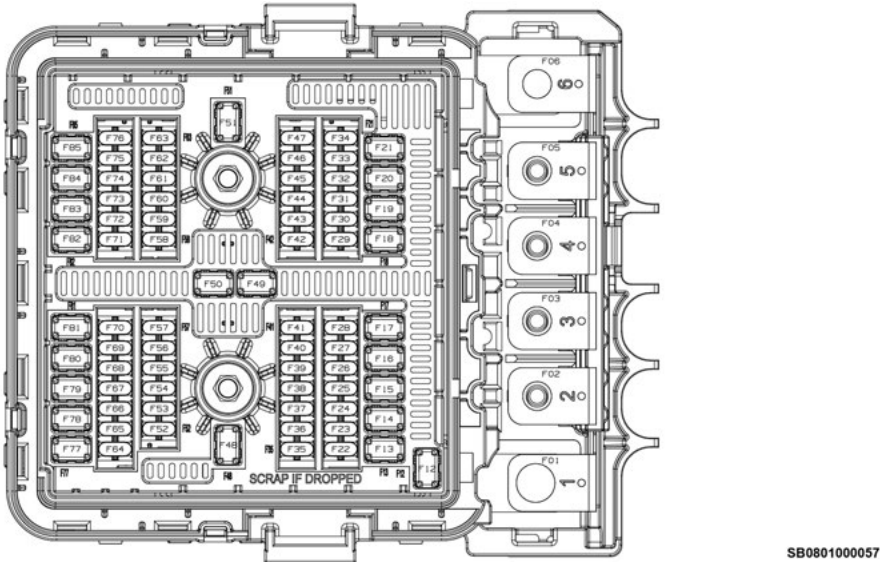
Underhood Fuses

The Front Power Distribution Center is located in the underhood compartment. This module contains fuses and relays. Fuse cavity location and descriptions are printed on the inside of the power distribution center cover.

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.



Front Power Distribution Center



Fuse Mapping

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F13	30 Amp Pink	–	SPARE

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F14	50 Amp Red	–	SPARE
F15	–	–	SPARE
F16	25 Amp White	–	FUEL PUMP MTR 1 (IF EQUIPPED)
F17	30 Amp Pink 20 Amp Blue	–	SPARE ELECTRIC OIL PUMP - EDM FRONT 400V (IF EQUIPPED)
F18	25 Amp White	–	NOT POPULATED
F19	50 Amp Red	–	BSM VALVE
F20	–	–	SPARE
F21	–	–	SPARE
F22	–	10 Amp Red	POWER CONTROL RELAY COIL (IF EQUIPPED)
F23	–	10 Amp Red	(ESS) MOD_ECM (VOLTAGE SENSE)
F24	–	10 Amp Red	(BEV) AUX HEATER PUMP (IF EQUIPPED)
F25	–	10 Amp Red 5 Amp Tan	ELECTRIC AC COMPRESSOR (NON-BEV) ELECTRIC AC COMPRESSOR (BEV) / ELECTRIC EXPANSION VALVE (EEXV)
F26	–	20 Amp Yellow	SLM FEED_LT

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F27	–	15 Amp Blue	SPARE
F28	–	10 Amp Red	COOLANT PROPORTIONING VALVE / HTL & LTR BYPASS VALVE (IF EQUIPPED)
F29	–	10 Amp Red	SPARE
F30	–	10 Amp Red	KEYLESS IGNITION NODE MODULE (KINM) / RADIO FREQUENCY HUB (RFHM) / ELETRIC PARK BRAKE (EPB) SWITCH
F31	–	–	SPARE
F32	–	–	SPARE
F33	–	5 Amp Tan	(BEV) ELECTRIC COOLANT HEATER (ECH) - IF EQUIPPED
F34	–	20 Amp Yellow	HORN
F35	–	20 Amp Yellow 15 Amp Blue	(BEV) PECP (POWER ELECTRONICS COOLANT PUMP)
F36	–	–	SPARE
F37	–	20 Amp Yellow 10 Amp Red	(BEV) BATTERY COOLANT PUMP (BCP) - IF EQUIPPED
F38	–	–	SPARE
F39	–	10 Amp Red	ELECTRIC POWER STEERING (EPS) #1

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F40	–	20 Amp Yellow	ELECTRIC POWER STEERING (EPS) #2 / BRAKE SYSTEM MODULE (BSM) #2 / ESCL / MOD IAIR SUSPENSION / SWITCHABLE ENGINE MOUNT #1 & #2
F41	–	10 Amp Red	ENGINE CONTROL MODULE (ECM) / TRANSMISSION CONTROL MODULE (TCM) / ECC (HVAC) BLOWER RELAY COIL / BSM #1 / ELSD / MOD_SLM
F42	–	10 Amp Red	LONG RANGE RADAR FRONT
F43	–	–	SPARE
F44	–	–	SPARE
F45	–	20 Amp Yellow	(BEV) ADCM
F46	–	10 Amp Red	DAMPING CONTROL MODULE
F47	–	–	SPARE
F48	–	–	SPARE
F49	30 Amp Pink	–	FRONT WINDSHIELD DEFROST
F50	40 Amp Green	–	ECC (HVAC) BLOWER (IF EQUIPPED)
F51	50 Amp Red	–	TRANSMISSION CONTROL MODULE (TCM) - IF EQUIPPED
F52	–	10 Amp Red	ENGINE CONTROL MODULE (ECM) - IF EQUIPPED
F53	–	20 Amp Yellow	RADIO (CMCM)

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F54	–	20 Amp Yellow	SLM FEED_RT
F55	–	–	SPARE
F56	–	–	SPARE
F57	–	–	SPARE
F58	–	10 Amp Red	PORT DIAGNOSTICS
F59	–	15 Amp Blue	SPARE
F60	–	15 Amp Blue 20 Amp Yellow	(GAS) LTR COOLANT PUMP (B+) / DRIVER MOTOR POWER INVERTER (DMPI) FEED (B1 & B2) (BEV) PECP-2 (B+)
F61	–	5 Amp Tan	MID RANGE RADAR REAR L&R / MID RANGE RADAR FRONT L&R
F62	–	30 Amp Green	MOD IAIR SUSPENSION VALVES (IF EQUIPPED)
F63	–	10 Amp Red	STEERING COLUMN CONTROL MODULE (SCCM)
F64	–	10 Amp Red	OUTSIDE HEAT EXCHANG EXPANSION VALVE MODULE (OEXV) / CHILLER EXPANSION VALVE MODULE (CEXV) - IF EQUIPPED
F65	–	7.5 Amp Brown	HEATED WASHER NOZZLE
F66	–	15 Amp Blue	ACTIVE SWAY BAR SYSTEM (ASBS) / ELECTRONIC STEERING COLUMN LOCK (ESCL) / GRILL / BADGE LAMP

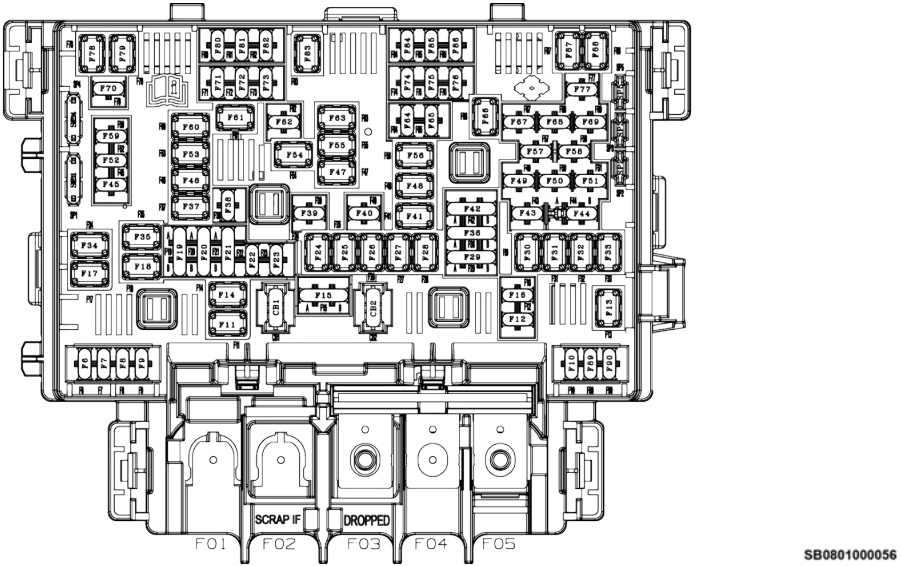
Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F67	–	15 Amp Blue	INSTRUMENT PANEL CLUSTER (IPC)
F68	–	20 Amp Yellow	TRANSMISSION CONTROL MODULE (TCM) - IF EQUIPPED
F69	–	10 Amp Red	MOD_DCSD / HANDSFREE LIFTGATE MODULE / UCI + USB PORT / HUMIDITY AND RAIN LIGHT SENSOR (HRLS) / ACT_COOLANT_VALVE-LCVM / MAP TRACKING MODULE (MIM) / ACTIVE GRILL SHUTTER (AGS)
F70	–	–	SPARE
F71	–	–	SPARE
F72	–	10 Amp Red	ADCAM
F73	–	15 Amp Blue	SPARE
F74	–	15 Amp Blue	SURGE SOLENOID, OIL_LEVEL_SENSOR, SOL_MAKE_UP_AIR_VALVE, SOL_OBD_BYPASS, 02 HEATER #1 - #4 (IF EQUIPPED)
F75	–	25 Amp Clear	ENGINE CONTROL MODULE (ECM) / ACT_SHORT_RUNNER_VALVE (IF EQUIPPED)
F76	–	20 Amp Yellow	(GAS) FUEL INJECTORS / IGNITION COILS / IGNITION COIL CAPACITORS / MOD_ISCM / COIL_ON_PLUG*6
F77	–	–	SPARE
F78	50 Amp Red 40 Amp Green	–	MOD AIR SUSPENSION (BEV) HVAC BLOWER (GAS)

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F79	30 Amp Pink	–	REAR DEFROSTER (EBL)
F80	40 Amp Green	–	BCM FEED 4
F81	20 Amp Blue	–	(GAS) MOD_ECM
F82	30 Amp Pink	–	FRT WIPER FUSE
F83	50 Amp Red	–	BCM FEED 1
F84	30 Amp Pink	–	DRIVE TRAIN CONTROL MODULE (DTCM)
F85	50 Amp Red	–	BSM PUMP

Rear Interior Fuses

There is also a power distribution center located in the trunk under the spare tire access panel. This center contains fuses and relays. Fuse cavity location and descriptions are printed on the inside of the power distribution center cover.

Rear Power Distribution Center



Fuse Mapping

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F03	SHUNT	–	Main Battery Feed to rear PDC

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F05	150 Amp	–	Feed to underhood PDC (Gas models)
F06	–	–	SPARE
F07	–	–	SPARE
F08	–	–	SPARE
F09	–	–	SPARE
F10	–	–	SPARE
F11	50 Amp Red	–	MOD_BCM FEED #2
F12	–	–	SPARE
F13	–	–	SPARE
F14	20 Amp Blue	–	MOD DOOR MUX_PASSENGER REAR OR SMART MOTOR
F15A F15B	–	10 Amp Red	INTELLIGENT EVENT BASE LIGHTING MODULE / ANIMATION LIGHTING - TAILLAMP OCCUPANT RESTRAINT CONTROLLER (ORC)
F16	–	10 Amp Red	IDCM 400V
F17	50 Amp Red	–	SPARE

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F18	20 Amp Blue	–	400V: (BEV) ELECTRIC OIL PUMP - EDM REAR
F19A F19B	–	10 Amp Red	EVCU - 2_FEED #2 (BEV) DIGITAL TV (DTV) JAPAN / ASSY_OVERHEAD_CONSOLE - OHC W SUNSHADE
F20A F20B	–	10 Amp Red	ELECTRIC DRIVE MOTOR FEED #1 FRONT (BEV) ELECTRIC DRIVE MOTOR FEED #2 FRONT (BEV)
F21A F21B	–	10 Amp Red	ELECTRIC DRIVE MOTOR FEED #1 - REAR HVIL - MAIN POWER FEED / HVIL - REDUNDANT POWER FEED
F22	–	–	SPARE
F23	–	10 Amp Red	MOD_CVPAM / CVADAS
F24	–	–	SPARE
F25	–	–	SPARE
F26	20 Amp Blue	–	ELECTRIC DRIVE MOTOR FEED #2 - REAR (BEV ONLY)
F27	–	–	SPARE
F28	–	–	SPARE

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F29A F29B	–	15 Amp Blue	INSTRUMENT PANEL CLUSTER (IPC) / DRIVETRAIN CONTROL MODULE (DTCM) / DRIVER ASSISTANCE SYSTEM MODULE (DASM) / EVCU-2 / HVAC_CTRL_FT FRONT AXLE DISCONNECT (FAD) / WHEL END DISCONNECT (400 BEV ONLY)
F30	30 Amp Pink	–	MOD_MEMORY / POWER SEAT - PASS FRT
F31	–	–	SPARE
F32	–	–	SPARE
F33	–	–	SPARE
F34	30 Amp Pink	–	ELECTRONIC LIMITED SLIP DIFFERENTIAL (ELSD) - REAR #1
F35	–	–	SPARE
F36A F36B	–	10 Amp Red	L2: DRIVER ALERT LIGHTING MODULE (DALM) / ADAS_E_STOP / BEV: EVCU-2 / E_STOP SPARE
F37	–	–	SPARE
F38	–	5 Amp Tan	AUTOMATIC GEARBOX SHIFTER MODULE (AGSM)
F39	–	20 Amp Yellow	MODULE SEAT HEATER FRT (PASS)

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F40	–	30 Amp Green	MOD AUDIO AMPLIFIER #1 A
F41	30 Amp Pink	–	MOD DOOR MUX_DRIVER
F42A F42B	–	–	SPARE
F43	–	30 Amp Green	AMPLIFIER - SOUND GENERATOR #1A
F44A F44B	–	20 Amp Yellow	12V POWER OUTLET - CONSOLE BIN - IGN 12V POWER OUTLET - CONSOLE BIN
F45	–	15 Amp Blue	WIRELESS CHARGING PAD - FT. CONSOLE / MOD_ICS_SWITCH BANK_REAR (FT CONSOLE)
F46	30 Amp Pink	–	MOD_MEMORY / POWER SEAT - DRIVER FRT
F47	20 Amp Blue	–	EVCU - 2_FEED #3
F48	30 Amp Pink	–	MOD DOOR MUX_PASSENGER
F49	–	30 Amp Green	AMPLIFIER - SOUND GENERATOR #1B
F50	–	10 Amp Red	OCCUPANT RESTRAINT CONTROLLER (ORC)
F51	–	10 Amp Red	CHARGE PORT INDICATOR (CPIM) / ELECTRIC AC COMPRESSOR (IOD) / BATTERY CHARGE INDICATOR

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F52	–	10 Amp Red	ANIMATION LIGHTING - RR LT
F53	20 Amp Blue	–	EVCU - 2_FEED #4
F54	20 Amp Blue	–	MOD DOOR MUX_DRIVER REAR OR SMART MOTOR
F55	–	–	SPARE
F56	–	–	SPARE
F57	–	20 Amp Yellow	HAPTIC LANE FEEBACK MODULE (HALF) / OCCUPANT CLASSIFICATION MODULE (OCM) / TRAILER TOW MODULE (TTM) / HEADLIGHT LEVELING - MOTOR FEED & REF SIGNAL TO SWITCH / MOD_SECURITY GATEWAY (SGW) / PARKTRONICS SYSTEM MODULE (PTS)
F58	–	15 Amp Blue	BATTERY PACK CONTROL MODULE (BPCM)
F59	–	15 Amp Blue	TELEMATICS BOX MODULE (TBM) / VEHICLE THEFT MODULE (VTM) / GATEWAY SECURITY MOD / ALARM SIREN UNIT (ASU) / ULTRA-SONIC ALARM MODULE (UAM)
F60	–	–	SPARE
F61	–	–	SPARE
F62	–	20 Amp Yellow	MODULE SEAT HEATER FRT (DRIVER)
F63	–	–	SPARE

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F64	–	5 Amp Tan	NFC DOOR HANDLE #2
F65	–	10 Amp Red	ANIMATION LIGHTING - RR RT
F66	30 Amp Pink	–	POWER LIFTGATE MODULE
F67	–	20 Amp Yellow	MOD_CRSM (HEATED SEAT RR LT)
F68	–	15 Amp Blue	ASSY_MIRROR_INSIDE_RR_VIEW / SUNROOF-DUAL_PANE / DTV (CHINA/JAPAN) / PORT_UCI_2_CONSOLE
F69	–	15 Amp Blue	LUMBAR SUPPORT DRIVER & PASSENGER SW
F70	–	10 Amp Red	EVCU - 2_FEED #1
F71	–	15 Amp Blue	BATTERY PACK CONTROL MODULE (BPCM) - REDUNDANT / EXHAUST FLAPPER VALVE LT/RT (ICE ONLY)
F72	–	10 Amp Red	HEATED SEAT SWITCH - RR RT & RR LT
F73	–	–	SPARE
F74	–	30 Amp Green	MOD AUDIO AMPLIFIER #1B
F75	–	5 Amp Tan	NFC DOOR HANDLE #3
F76	–	5 Amp Tan	NFC DOOR HANDLE #4
F77	–	20 Amp Yellow	MOD_CRSM (HEAT SEAT RR RT)

Cavity	Cartridge Fuse	Mini-Fuse	Description
* If Equipped			
F78	40 Amp Green	–	MOD_BCM FEED #3
F79	50 Amp Red	–	SPARE
F80	–	5 Amp Tan	SPARE
F81	–	15 Amp Blue	FRONT PASSENGER DISPLAY MODULE (FPDM) / PORT_UCI_DUAL - USB-FRONT - IP / REAR WINDOW SWITCHES / MOD_HVAC_CTRRL_FT / SW_BANK_UPPER (ASBM#2)
F82	–	15 Amp Blue	MOD_COMFORT STEERING WHEEL SURFACE
F83	–	–	SPARE
F84	–	15 Amp Blue	PF: MID RANGE SENSOR REAR LEFT (MRSRL) / MID RANGE SENSOR REAR RIGHT (MRSRR)
F85	–	15 Amp Blue	UWB_SNSR (1-7)
F86	–	5 Amp Tan	NFC DOOR HANDLE #1
F87	–	–	SPARE
F88	–	–	SPARE
CB1	–	10 Amp Red	MOD_SPAAK

LIGHT REPLACEMENT

Replacement Bulbs, Names, And Part Numbers

In the instance a bulb needs to be replaced, this section includes bulb description and replacement part numbers.

NOTE:
See an authorized dealer for LED bulb replacement.

Interior Bulbs	
Bulb Name	Bulb Number
Rear Courtesy/Reading Lamps	W5W
Rear Compartment (Trunk) Lamp	562
Overhead Console Reading Lamp	578
Visor Vanity Lamps	A6220
Glove Compartment Lamp – If Equipped	194
Door Courtesy	562
Shift Indicator Lamp	JKLE14140

Interior Bulbs	
Bulb Name	Bulb Number
Center High Mount Stop Lamp (CHMSL)	LED
Optional Door Map Pocket/Cup Holder	LED
NOTE: For lighted switches, see an authorized dealer for replacement instructions.	

Exterior Bulbs	
Bulb Name	Bulb Number
Front Park/Turn Lamp	LED
Front Fog Lamp – If Equipped	LED
Front Side Marker	LED
Rear Tail Lamp	LED
Rear Stop/Turn Lamp	LED
Rear Side Marker	LED
Backup Lamp	LED

Exterior Bulbs	
Bulb Name	Bulb Number
License	LED

Replacing Exterior Bulbs

Front LED Low/High Beam Headlamps

The front low/high beam headlamps use LED sources that are not serviceable and must be replaced as an assembly; see an authorized dealer for replacement.

Front/Rear Side Marker Lamp

The Side Markers use LED lamps that are not serviceable separately. The Side Markers must be replaced as an assembly, see an authorized dealer.

Front Fog Lamp

The Front Fog Lamps use LED sources that are not serviceable separately. The Front Fog Lamp must be replaced as an assembly; see an authorized dealer.

Front Turn Signal Lamps

The Front Park/Turn function is part of the headlamp assembly and use LED lamps that are not serviceable separately. The headlamps must be replaced as an assembly, see an authorized dealer.

Backup Lamps

The Backup Lamps use LED sources that are not serviceable separately. The backup lamps must be replaced as an assembly; see an authorized dealer.

License Lamp

The License Lamp uses an LED source that is not serviceable separately. The License Lamp must be replaced as an assembly; see an authorized dealer.

Center High Mounted Stop Lamp (CHMSL)

The CHMSL Lamp uses LED sources that are not serviceable separately. The CHMSL Lamp must be replaced as an assembly; see an authorized dealer.

TIRES AND WHEELS

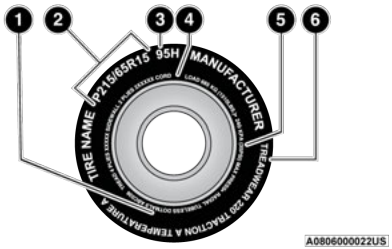
Tire Safety Information

CAUTION!

- Do not tow a trailer at all during the first 500 miles (805 km) the new vehicle is driven. The electric motor, 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 electric motor and other parts of the vehicle wear in at the heavier loads.

Tire safety information will cover aspects of the following information: Tire Markings, Tire Identification Numbers, Tire Terminology and Definitions, Tire Pressures, and Tire Loading.

Tire Markings



Tire Markings

1 — US DOT Safety Standards Code (TIN)
2 — Size Designation
3 — Service Description
4 — Maximum Load
5 — Maximum Pressure
6 — Treadwear, Traction and Temperature Grades

NOTE:

- P (Passenger) — Metric tire sizing is based on US design standards. P-Metric tires have the letter “P” molded into the sidewall preceding the size designation. Example: P215/65R15 95H.
- European — Metric tire sizing is based on European design standards. Tires designed to this standard have the tire size molded into the sidewall beginning with the section width. The letter "P" is absent from this tire size designation. Example: 215/65R15 96H.
- LT (Light Truck) — Metric tire sizing is based on US design standards. The size designation for LT-Metric tires is the same as for P-Metric tires except for the letters “LT” that are molded into the sidewall preceding the size designation. Example: LT235/85R16.
- Temporary spare tires are designed for temporary emergency use only. Temporary high pressure compact spare tires have the letter “T” or “S” molded into the sidewall preceding the size designation. Example: T145/80D18 103M.
- High flotation tire sizing is based on US design standards and it begins with the tire diameter molded into the sidewall. Example: 31x10.5 R15 LT.

TIRE SIZING CHART

EXAMPLE:
Example Size Designation: P215/65R15XL 95H, 215/65R15 96H, LT235/85R16C, T145/80D18 103M, 31x10.5 R15 LT
P = Passenger car tire size based on US design standards, or **"....blank...."** = Passenger car tire based on European design standards, or **LT** = Light truck tire based on US design standards, or **T or S** = Temporary spare tire or **31** = Overall diameter in inches (in) **215, 235, 145** = Section width in millimeters (mm) **65, 85, 80** = Aspect ratio in percent (%) ● Ratio of section height to section width of tire, or **10.5** = Section width in inches (in)
R = Construction code ● "R" means radial construction, or ● "D" means diagonal or bias construction
15, 16, 18 = Rim diameter in inches (in)

EXAMPLE:
Service Description:
95 = Load Index ● A numerical code associated with the maximum load a tire can carry
H = Speed Symbol ● A symbol indicating the range of speeds at which a tire can carry a load corresponding to its load index under certain operating conditions ● The maximum speed corresponding to the speed symbol should only be achieved under specified operating conditions (i.e., tire pressure, vehicle loading, road conditions, and posted speed limits)
Load Identification: Absence of the following load identification symbols on the sidewall of the tire indicates a Standard Load (SL) tire: ● **XL** = Extra load (or reinforced) tire, or ● **LL** = Light load tire or ● **C, D, E, F, G** = Load range associated with the maximum load a tire can carry at a specified pressure
Maximum Load – Maximum load indicates the maximum load this tire is designed to carry
Maximum Pressure – Maximum pressure indicates the maximum permissible cold tire inflation pressure for this tire

Tire Identification Number (TIN)

The TIN may be found on one or both sides of the tire; however, the date code may only be on one side. Tires with white sidewalls will have the full TIN, including the date code, located on the white sidewall side of the tire. Look for the TIN on the outboard side of black sidewall tires as mounted on the vehicle. If the TIN is not found on the outboard side, then you will find it on the inboard side of the tire.

EXAMPLE:
DOT MA L9 ABCD 0301
DOT = Department of Transportation ● This symbol certifies that the tire is in compliance with the US Department of Transportation tire safety standards and is approved for highway use
MA = Code representing the tire manufacturing location (two digits)
L9 = Code representing the tire size (two digits)
ABCD = Code used by the tire manufacturer (one to four digits)
03 = Number representing the week in which the tire was manufactured (two digits) ● 03 means the 3rd week
01 = Number representing the year in which the tire was manufactured (two digits) ● 01 means the year 2001 ● Prior to July 2000, tire manufacturers were only required to have one number to represent the year in which the tire was manufactured. Example: 031 could represent the 3rd week of 1981 or 1991

Tire Terminology And Definitions

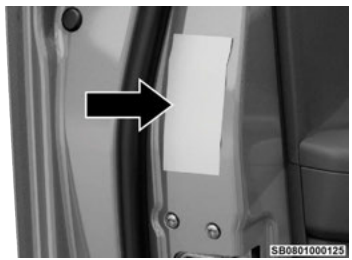
Term	Definition
B-pillar	The vehicle B-pillar is the structural member of the body located behind the front door.
Cold Tire Inflation Pressure	Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. Inflation pressure is measured in units of psi (pounds per square inch) or kPa (kilopascals).
Maximum Inflation Pressure	The maximum inflation pressure is the maximum permissible cold tire inflation pressure for this tire. The maximum inflation pressure is molded into the sidewall.
Recommended Cold Tire Inflation Pressure	Vehicle manufacturer's recommended cold tire inflation pressure as shown on the tire placard.
Tire Placard	A label permanently attached to the vehicle describing the vehicle's loading capacity, the original equipment tire sizes and the recommended cold tire inflation pressures.

Tire Loading And Tire Pressure

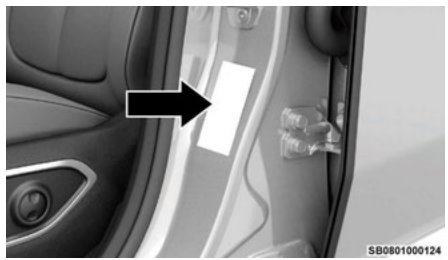
NOTE:

The proper cold tire inflation pressure is listed on the driver's side B-pillar or the rear edge of the driver's side door.

Check the inflation pressure of each tire, including the spare tire (if equipped), at least monthly and inflate to the recommended pressure for your vehicle.

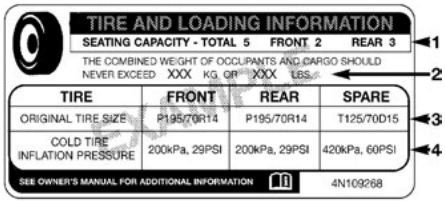


Example Tire Placard Location (Door)



Example Tire Placard Location (B-pillar)

Tire And Loading Information Placard



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Tire And Loading Information Placard

This placard tells you important information about the:

1. Number of people that can be carried in the vehicle.
2. Total weight your vehicle can carry.
3. Tire size designed for your vehicle.
4. Cold tire inflation pressures for the front, rear, and spare tires.

Loading

The vehicle maximum load on the tire must not exceed the load carrying capacity of the tire on your vehicle. You will not exceed the tire's load carrying capacity if you adhere to the loading conditions, tire size, and cold tire inflation pressures specified on the Tire And Loading Information Placard.

NOTE:

Under a maximum loaded vehicle condition, Gross Axle Weight Rating (GAWR) for the front and rear axles must not be exceeded.

To determine the maximum loading conditions of your vehicle, locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs” on the Tire And Loading Information Placard. The combined weight of occupants, cargo/luggage and trailer tongue weight (if applicable) should never exceed the weight referenced here.

Steps For Determining Correct Load Limit—

(1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle's placard.

(2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.

(3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.

(4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if “XXX” amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400-750 (5x150) = 650 lbs.)

(5) Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

Metric Example For Load Limit

For example, if “XXX” amount equals 635 kg and there will be five 68 kg passengers in your vehicle, the amount of available cargo and luggage load capacity is 295 kg (635-340 (5x68) = 295 kg) as shown in step 4.

NOTE:

- If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. The following table shows examples on how to calculate total load, cargo/luggage, and towing capacities of your vehicle with varying seating configurations and number and size of occupants. This table is for illustration purposes only and may not be accurate for the seating and load carry capacity of your vehicle.
- For the following example, the combined weight of occupants and cargo should never exceed 865 lbs (392 kg).

Occupants			Combined weight of occupants and cargo from Tire Placard	MINUS	Combined Occupant's weight	=	AVAILABLE Cargo/Luggage and Trailer Tongue Weight
TOTAL	FRONT	REAR					
EXAMPLE 1							
5	2	3	865 lbs	minus	Occupant 1: 200 lbs Occupant 2: 130 lbs Occupant 3: 160 lbs Occupant 4: 100 lbs Occupant 5: 80 lbs TOTAL WEIGHT: 670 lbs 670 lbs	=	195 lbs
EXAMPLE 2							
3	2	1	865 lbs	minus	Occupant 1: 210 lbs Occupant 2: 180 lbs Occupant 3: 150 lbs TOTAL WEIGHT: 540 lbs 540 lbs	=	325 lbs
EXAMPLE 3							
2	2	0	865 lbs	minus	Occupant 1: 200 lbs Occupant 2: 200 lbs TOTAL WEIGHT: 400 lbs 400 lbs	=	465 lbs

EXAMPLE

WARNING!

Overloading of your tires is dangerous. Overloading can cause tire failure, affect vehicle handling, and

(Continued)

WARNING!

increase your stopping distance. Use tires of the recommended load capacity for your vehicle. Never overload them.

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
- Vehicle Range
- Tread Wear
- Ride Comfort and Vehicle Stability

Safety

WARNING!

- Improperly inflated tires are dangerous and can cause collisions.
- Underinflation increases tire flexing and can result in overheating and tire failure.
- Overinflation reduces a tire's ability to cushion shock. Objects on the road and chuckholes can cause damage that result in tire failure.
- 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.

(Continued)

WARNING!

- Always drive with each tire inflated to the recommended cold tire inflation pressure.

Both underinflation and overinflation affect the stability of the vehicle and can produce a feeling of sluggish response or over responsiveness in the steering.

NOTE:

- Unequal tire pressures from side to side may cause erratic and unpredictable steering response.
- Unequal tire pressure from side to side may cause the vehicle to drift left or right.

Vehicle Range

Underinflated tires will increase tire rolling resistance resulting in higher battery consumption.

Tread Wear

Improper cold tire inflation pressures can cause abnormal wear patterns and reduced tread life, resulting in the need for earlier tire replacement.

Ride Comfort And Vehicle Stability

Proper tire inflation contributes to a comfortable ride. Overinflation produces a jarring and uncomfortable ride.

Tire Inflation Pressures

The proper cold tire inflation pressure is listed on the driver's side B-pillar or rear edge of the driver's side door.

At least once a month:

- Check and adjust tire pressure with a good quality pocket-type pressure gauge. Do not make a visual judgement when determining proper inflation. Tires may look properly inflated even when they are underinflated.
- 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

(Continued)

WARNING!

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 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 being driven in a Run Flat mode 14 psi (96 kPa) condition, please replace the TPMS sensor as it is not designed to be reused.

NOTE:

TPMS Sensor must be replaced after driving the vehicle on a flat tire condition.

It is not recommended driving a vehicle loaded at full capacity or to tow a trailer while a tire is in the Run Flat mode.

See the Tire Pressure Monitoring System 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.

For further information ⇨ page 223.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause tire damage or failure. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) for more than 30 seconds continuously when you are stuck, and do not let anyone near a spinning wheel, no matter what the speed.

Tread Wear Indicators

Tread wear indicators are in the original equipment tires to help you in determining when your tires should be replaced.

Tire Tread

1 — Tread Wear Indicators

These indicators are molded into the bottom of the tread grooves. They will appear as bands when the tread depth becomes 1/16 of an inch (1.6 mm). When the tread is worn to the tread wear indicators, the tire should be replaced.

For further information ⇨ page 273.

Life Of Tire

The service life of a tire is dependent upon varying factors including, but not limited to:

- Driving style.
- Aero Mode - Driving in Aero Mode will reduce tread life. Placing a vehicle in Aero Mode and using 3S tires will reduce tire life.
- 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 scheduled maintenance is highly recommended.

WARNING!

Tires and the spare tire should be replaced after six years, regardless of the remaining tread. Failure to follow this warning can result in sudden tire failure. You could lose control and have a collision resulting in serious injury or death.

NOTE:

Wheel valve stem must be replaced as well when installing new tires due to wear and tear in existing tires.

Keep dismounted tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease, and gasoline.

Replacement Tires

The tires on your new vehicle provide a balance of many characteristics. They should be inspected regularly for wear and correct cold tire inflation pressures. The manufacturer strongly recommends using tires equivalent to the originals in size, quality and performance when replacement is needed ⇨ page 272. 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.

See the Tire Sizing Chart example found in the “Tire Safety Information” section of this manual for more information relating to the Load Index and Speed Symbol of a tire ⇨ page 264.

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

(Continued)

WARNING!

index could result in tire overloading and failure. You could lose control and have a collision.

- Failure to equip your vehicle with tires having adequate speed capability can result in sudden tire failure and loss of vehicle control.

CAUTION!

Replacing original tires with tires of a different size may result in false speedometer and odometer readings.

Tire Types

All Season Tires — If Equipped

All Season tires provide traction for all seasons (Spring, Summer, Autumn, and Winter). Traction levels may vary between different all season tires. All season tires can be identified by the M+S, M&S, M/S or MS designation on the tire sidewall. Use all season tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Summer Or Three Season Tires — If Equipped

Summer tires provide traction in both wet and dry conditions, and are not intended to be driven in snow or on ice. If your vehicle is equipped with Summer tires, be aware these tires are not designed for Winter or cold driving conditions. Install Winter tires on your vehicle when ambient temperatures are less than 40°F (5°C) or if roads are covered with ice or snow. For more information, contact an authorized dealer.

Summer tires do not contain the all season designation or mountain/snowflake symbol on the tire sidewall. Use Summer tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Three season 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 three season, 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.

NOTE:

Vehicles equipped with three season tires may exhibit increased tire wear.

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 ⇨ page 213.

CAUTION!

Because of the reduced ground clearance, do not take your vehicle through an automatic car wash with a compact or limited use temporary spare installed. Damage to the vehicle may result.

For restrictions when towing with a spare tire designated for temporary emergency use ⇨ page 171.

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.

Snow Traction Devices

Use of traction devices require sufficient tire-to-body clearance. Due to limited clearance, the following snow traction devices are recommended. Follow these recommendations to guard against damage.

- Snow traction device must be of proper size for the tire, as recommended by the snow traction device manufacturer.
- No other tire sizes are recommended for use with the snow traction device.
- Please follow the table for the recommended tire size, axle and snow traction device:

EV MODELS

Trim Level(s)	Axle(s)	Tire/Wheel Size	Snow Traction Device (Maximum Projection Beyond Tire Profile Or Equivalent)
Dodge 2 Door R/T AWD	Rear	245/55ZR18 275/40ZR20 305/35ZR20 325/35ZR20	U Class
Dodge 2 Door Scat Pack AWD		305/35ZR20 325/35ZR20	

GAS MODELS

Trim Level(s)	Axle(s)	Tire/Wheel Size	Snow Traction Device (Maximum Projection Beyond Tire Profile Or Equivalent)
Dodge 2 Door R/T AWD	Rear	245/55ZR18 275/40ZR20 305/35ZR20 325/35ZR20	U Class
Dodge 2 Door Scat Pack AWD		305/35ZR20 325/35ZR20	U Class
Dodge 2 Door Six Pack HO AWD	Rear	275/40ZR20 325/35ZR20	U Class

Trim Level(s)	Axle(s)	Tire/Wheel Size	Snow Traction Device (Maximum Projection Beyond Tire Profile Or Equivalent)
Dodge 2 Door GT RWD	Rear	245/55ZR18	U Class
Dodge 4 Door R/T AWD	Rear	245/55ZR18 275/40ZR20 305/35ZR20 325/35ZR20	U Class
Dodge 4 Door Scat Pack AWD	Rear	305/35ZR20 325/35ZR20	U Class
Dodge 4 Door Six Pack HO AWD	Rear	245/55ZR18 275/40ZR20	U Class
Dodge 4 Door GT RWD	Rear	245/55ZR18	U Class

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.

(Continued)

CAUTION!

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). Autosock traction devices do not require retightening.
- Do not exceed 30 mph (48 km/h).
- Drive cautiously and avoid severe turns and large bumps, especially with a loaded vehicle.

(Continued)

CAUTION!

- Do not drive for a prolonged period on dry pavement.
- 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.

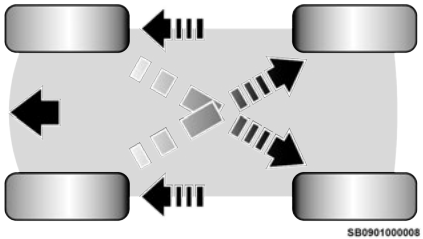
Tire Rotation Recommendations

Tires on the front and rear axles of vehicles operate at different loads and perform different steering, driving, 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 all season type tires. Rotation will increase tread life, help to maintain mud, snow and wet traction levels, and contribute to a smooth, quiet ride.

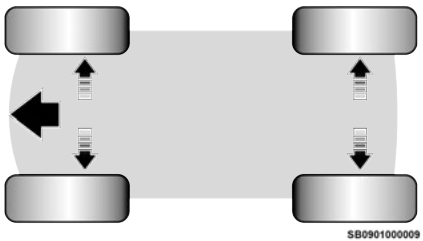
NOTE:
The minimum tire rotation mileage is 10,000 miles (16,000 kilometers)

For the proper maintenance intervals ⇨ page 226.
The reasons for any rapid or unusual wear should be corrected prior to rotation being performed.



Tire Rotation (Rearward Cross)

For vehicles equipped with different size tires on the front and rear, the rotation method should be "side-to-side" as shown.



Tire Rotation (Side-To-Side)

DEPARTMENT OF TRANSPORTATION

Description

The following tire grading categories were established by the National Highway Traffic Safety Administration. The specific grade rating assigned by the tire's manufacturer in each category is shown on the sidewall of the tires on your vehicle.

All passenger vehicle tires must conform to Federal safety requirements in addition to these grades.

Treadwear

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded

100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

Traction Grades

The Traction grades, from highest to lowest, are AA, A, B, and C. These grades represent the tire's ability to stop on wet pavement, as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING!
The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature Grades

The Temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat, when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance, which all passenger vehicle tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel, than the minimum required by law.

WARNING!
The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

VEHICLE STORAGE — GASOLINE MODELS

Description

If you are leaving your vehicle dormant for more than 3 weeks, you may want to take these steps to protect your battery.

- Disconnect the negative cable from the 12 Volt battery.
- Anytime you store your vehicle, or keep it out of service (e.g., vacation) for two weeks or more, run the air conditioning system 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.

VEHICLE STORAGE — EV MODELS

Description

If you are leaving your vehicle dormant for more than 3 weeks, you may want to take these steps to protect your battery.

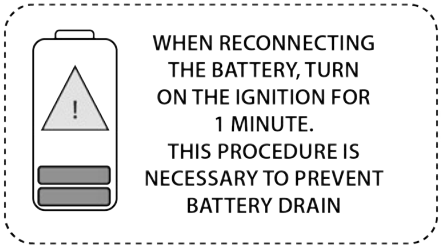
- Disconnect the negative cable from the battery.

  NOTE:
  The power hatch will not be operational when the 12 volt battery is disconnected. To prevent manually opening the hatch we recommend leaving the hatch open when disconnecting the 12 volt battery.

- Anytime you store your vehicle, or keep it out of service (e.g., 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.

NOTE:
When reconnecting the battery, turn on the ignition for one minute. This procedure is necessary to prevent battery drain.

Negative Battery Cable Label Location



Negative Battery Cable Label

BODYWORK AND EXTERIOR CARE

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 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.

Exterior Lamp Lens Fogging or Condensation

Under certain environmental conditions, visible fog, mist, or fine condensation may appear on a portion of the inside lens of your vehicle's exterior lamps. Most exterior lamps have been designed with a vent system that allows air to be exchanged between the inside and outside of the lamp while preventing liquid water from entering the lamp. The visible fog, mist, or fine condensation on the inside of your exterior lamps will usually clear as the environmental conditions change to allow this visible condensation to change back into a vapor and pass through the vent system. This is considered normal exterior lamp lens condensation.

Puddles of water inside any exterior lamp, or heavy droplets of water that are always present on the inside lens of any exterior lamp, is not considered normal and your vehicle should be serviced at an authorized dealer.

Preserving The Bodywork

Washing

- Wash your vehicle regularly. Always wash your vehicle in the shade using Mopar® Car Wash, or a mild car wash soap, and rinse the panels completely with water.
- If insects, tar, or other similar deposits have accumulated on your vehicle, use Mopar® Super Kleen Bug and Tar Remover to remove.
- Use a high quality cleaner wax, such as Mopar® Cleaner Wax to remove road film, stains and to protect your paint finish. Use precautions to not scratch the paint.
- Avoid using abrasive compounds and power buffing that may diminish the gloss or thin out the paint finish.

CAUTION!

- Do not use abrasive or strong cleaning materials such as steel wool or scouring powder that will scratch metal and painted surfaces.
- Use of power washers exceeding 1,200 psi (8,274 kPa) can result in damage or removal of paint and decals.

Special Care

- If you drive on salted or dusty roads or if you drive near the ocean, hose off the undercarriage at least once a month.
- It is important that the drain holes in the lower edges of the doors, rocker panels, and trunk be kept clear and open.
- If you detect any stone chips or scratches in the paint, touch them up immediately.
- If your vehicle is damaged due to a collision or similar cause that destroys the paint and protective coating, have your vehicle repaired as soon as possible.
- If you carry special cargo such as chemicals, fertilizers, de-icer salt, etc., be sure that such materials are well packaged and sealed.
- If a lot of driving is done on gravel roads, consider mud or stone shields behind each wheel.
- Use Mopar® Touch Up Paint on scratches as soon as possible. An authorized dealer has touch up paint to match the color of your vehicle.

INTERIOR CARE

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.

If the belts need cleaning, use Mopar® Total Clean, a mild soap solution, or lukewarm water. Do not remove the belts from the vehicle to wash them. Dry with a soft cloth.

Sun damage can also weaken the fabric. Replace the belts if they appear frayed or worn or if the buckles do not work properly.

WARNING!

A frayed or torn seat belt could rip apart in a collision and leave you with no protection. Inspect the seat belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the seat belt system. If your vehicle is involved in a collision, or if you have questions regarding seat belt or retractor conditions, take your vehicle to an authorized FCA dealer or authorized FCA Certified Collision Care Program facility for inspection.

Plastic And Coated Parts

Use Mopar® Total Clean to clean vinyl upholstery.

CAUTION!

- Direct contact of air fresheners, insect repellents, suntan lotions, or hand sanitizers to the plastic, painted, or decorated surfaces of the interior may cause permanent damage. Wipe away immediately.
- Damage caused by these type of products may not be covered by your New Vehicle Limited Warranty.

Cleaning Plastic Instrument Cluster Lenses

The lenses in front of the instruments in this vehicle are molded in clear plastic. When cleaning the lenses, care must be taken to avoid scratching the plastic.

Clean with a wet soft cloth. A mild soap solution may be used, but do not use high alcohol content or abrasive cleaners. If soap is used, wipe clean with a clean damp cloth. Dry with a soft cloth.

Leather Surfaces

Mopar® Total Clean is specifically recommended for leather upholstery.

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.

NOTE:

If equipped with light colored leather, it tends to show any foreign material, dirt, and fabric dye transfer more so than darker colors. The leather is designed for easy cleaning, and the manufacturer recommends Mopar® total care leather cleaner applied on a cloth to clean the leather seats as needed.

CAUTION!

Do not use alcohol and alcohol-based and/or ketone-based cleaning products to clean leather upholstery, as damage to the upholstery may result.

Glass Surfaces

All glass surfaces should be cleaned on a regular basis with Mopar® Glass Cleaner, or any commercial household-type glass cleaner. Never use an abrasive type cleaner. Use caution when cleaning the inside rear window equipped with electric defrosters or windows equipped with radio antennas. Do not use scrapers or other sharp instruments that may scratch the elements.

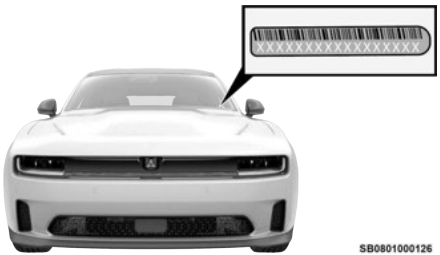
When cleaning the rearview mirror, spray cleaner on the towel or cloth that you are using. Do not spray cleaner directly on the mirror.

TECHNICAL SPECIFICATIONS

VEHICLE IDENTIFICATION NUMBER (VIN)

Description

The VIN is on the left front corner of the instrument panel. The VIN is visible from outside of the vehicle through the windshield.



Windshield VIN Location

NOTE:
It is illegal to remove or alter the VIN.

FUEL REQUIREMENTS

While operating on gasoline with the required octane number, hearing a light knocking sound from the engine is not a cause for concern. However, if the engine is heard making a heavy knocking sound, see a dealer immediately. Use of gasoline with an octane number lower than recommended can cause engine failure and may void the New Vehicle Limited Warranty.

Poor quality gasoline can cause problems such as hard starting, stalling, and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle.

3.0L Standard Output Engine

Do not use E-85 flex fuel or ethanol blends greater than 15% in this engine.

RECOMMENDED OCTANE RATING (R+M)/2 METHOD
87

This engine is designed to meet all emissions requirements, and provide satisfactory fuel economy and performance, when using high-quality unleaded regular gasoline having an octane rating of 87, as specified by the (R+M)/2 method. The use of 91 or higher octane premium gasoline will allow these engines to operate to optimal performance. This increase in performance is most noticeable in hot weather or under heavy load conditions such as while towing.

3.0L High Output Engine

Do not use E-85 flex fuel or ethanol blends greater than 15% in this engine.

RECOMMENDED OCTANE RATING (R+M)/2 METHOD
91

This engine is designed to meet all emission regulations, provide optimal fuel economy and performance when using high-quality unleaded premium gasoline having a posted octane number of 91 as specified by the (R+M)/2 method. The use of 91 or higher octane premium gasoline is required in this engine.

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.

TOP TIER Detergent Gasoline

Designated TOP TIER Detergent Gasoline contains a higher level of detergents to further aide in minimizing engine and fuel system deposits. When available, the usage of TOP TIER Detergent gasoline is recommended. Visit www.toptiergas.com for a list of TOP TIER Detergent Gasoline retailers.

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.

Gasoline/Oxygenate Blends

Some fuel suppliers blend unleaded gasoline with oxygenates such as ethanol.

CAUTION!
DO NOT use E-85, gasoline containing methanol, or gasoline containing more than 15% ethanol (E-15). Use of these blends may result in starting and drivability problems, damage critical fuel system components, cause emissions to exceed the applicable standard, and/or cause the Malfunction Indicator Light to illuminate. Please observe pump labels as they should clearly communicate if a fuel contains greater than 15% ethanol (E-15).

Problems that result from using gasoline containing more than 15% ethanol (E-15) or gasoline containing methanol are not the responsibility of the manufacturer and may void or not be covered under New Vehicle Limited Warranty.

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 gasolines to increase octane. Gasoline blended with MMT provides no performance advantage beyond gasoline of the same octane number without MMT. Gasoline blended with MMT reduces spark plug life and reduces emissions 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 the gasoline contains MMT. MMT is prohibited in Federal and California reformulated gasoline.

Fuel System Cautions

While operating on gasoline with the required octane number, hearing a light knocking sound from the engine is not a cause for concern. However, if the engine is heard making a heavy knocking sound, see a dealer immediately. Use of gasoline with an octane number lower than recommended can cause engine failure and may void the New Vehicle Limited Warranty.

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.

CAUTION!
Follow these guidelines to maintain your vehicle's performance: ● The use of leaded gasoline is prohibited by Federal law. Using leaded gasoline can impair engine performance and damage the emissions control system. ● An out-of-tune engine or certain fuel or ignition malfunctions can cause the catalytic converter to overheat. If you notice a pungent burning odor or some light smoke, your engine may be out of tune or malfunctioning and may require immediate service. Contact an authorized dealer for service assistance.

(Continued)

CAUTION!

- The use of fuel additives, which are now being sold as octane enhancers, is not recommended. Most of these products contain high concentrations of methanol. Fuel system

(Continued)

CAUTION!

damage or vehicle performance problems resulting from the use of such fuels or additives is not the responsibility of the manufacturer and

(Continued)

CAUTION!

may void or not be covered under the New Vehicle Limited Warranty.

NOTE:
Intentional tampering with the emissions control system can result in civil penalties being assessed against you.

FLUIDS AND LUBRICANTS — EV MODELS

EV Specifications

Component	Fluid, Lubricant, or Genuine Part
Coolant	We recommend using Mopar® Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT (Organic Additive Technology).
Brake Fluid Master Cylinder	We recommend using Mopar® DOT 3, SAE J1703.

CAUTION!

- Mixing of coolant (antifreeze) other than specified Organic Additive Technology (OAT) coolant (antifreeze), may result in vehicle damage and may decrease corrosion protection. Organic Additive Technology (OAT) coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) coolant (antifreeze) or any “globally compatible” coolant (antifreeze). If a non-OAT 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 coolant (antifreeze) products. Do not use additional rust inhibitors or antirust products, as they may not be compatible with the radiator coolant and may plug the radiator.
- This vehicle has not been designed for use with propylene glycol-based coolant (antifreeze). Use of propylene glycol-based coolant (antifreeze) is not recommended.

FLUIDS AND LUBRICANTS — GAS MODELS

Engine Fluids And Lubricants

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	We recommend using Mopar® Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT (Organic Additive Technology) meeting the requirements of the manufacturer Material Standard MS.90032.
Engine Coolant — Intercooler	We recommend using Mopar® Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT (Organic Additive Technology) meeting the requirements of the manufacturer Material Standard MS.90032.
Engine Oil — 3.0L SO Engine	We recommend using Mopar® SAE 0W-20 Full Synthetic Engine Oil, which meets the requirements of the manufacturer Material Standard MS-6395. Equivalent full synthetic SAE 0W-20 engine oil can be used but must have the API Starburst trademark with a certification level of API-SP or later. API-SN+ is also acceptable.
	CAUTION!
	Usage of earlier API certification levels (such as API-SN or prior) can result in engine damage and is not covered by the New Vehicle Limited Warranty.

Component	Fluid, Lubricant, or Genuine Part
Engine Oil — 3.0L HO Engine	We recommend using Mopar® API Certified SAE 0W-40 Full Synthetic Engine Oil, which meets the requirements of the manufacturer Material Standard MS-A0921. Equivalent full synthetic SAE 0W-40 engine oil can be used but must have the API Donut trademark with a certification level of API-SP or later. API-SN+ is also acceptable.
	CAUTION!
	Usage of earlier API certification levels (such as API-SN or prior) can result in engine damage and is not covered by the New Vehicle Limited Warranty.
Fuel Selection — 3.0L SO Engine	87 Octane (R+M)/2 Method, 0-15% Ethanol (Do Not Use E-85). The manufacturer recommends the use of 91 Octane or Higher (R+M)/2 Method for optimum performance.
Fuel Selection — 3.0L HO Engine	91 Octane or Higher (R+M)/2 Method, 0-15% Ethanol (Do Not Use E-85).

Chassis Fluids And Lubricants

Component	Fluid, Lubricant, or Genuine Part
Automatic Transmission	Use only Mopar® Automatic Transmission Fluid (ATF) 818, or equivalent. Failure to use the proper fluid may affect the function or performance of your transmission.
Transfer Case	We recommend using Mopar® Transfer Case Lubricant equivalent to Shell TF0870-B.
Axle Differential (Front)	We recommend using Mopar® FDU lubricant equivalent to FUCHS TITAN EG 3609 (75W85).
Axle Differential (Rear)	We recommend using Mopar® RDU lubricant equivalent to Castrol SAF Carbon Mod (75W85).

Component	Fluid, Lubricant, or Genuine Part
Brake Master Cylinder	We recommend using Mopar® DOT 3 Brake Fluid, SAE J1703.

FLUID CAPACITIES — EV MODELS

Specifications

Component	US	Metric
Cooling System	14.5 qt	13.9 L
Electric Drive Module (EDM)	2.75 qt	2.6 L

FLUID CAPACITIES — GAS MODELS

Fluid Capacities

Component	US	Metric
Fuel (Approximate)		
Fuel Tank	17.5 gal	66 L
Engine Oil With Filter		
3.0L Engine	7.5 qt	7.1 L

Component	US	Metric
Cooling System *		
3.0L Engine	16.6 qt	15.7 L
3.0L Engine Intercooler	3.2 qt	3.0 L
* Includes heater and coolant recovery bottle filled to MAX level.		

WHEEL AND TIRES

DESCRIPTION

Proper lug nut/bolt torque is very important to ensure that the wheel is properly mounted to the vehicle. Any time a wheel has been removed and reinstalled on the vehicle, the lug nuts/bolts should be torqued using a properly calibrated torque wrench using a six-sided (hex) deep wall socket.

TORQUE SPECIFICATIONS

Lug Nut/Bolt Torque	**Lug Nut/Bolt Size	Lug Nut/Bolt Socket Size
148 ft-lb (200 N·m)	M14 x 1.50	22 mm

**Use only authorized dealer recommended lug nuts/bolts and clean or remove any dirt or oil before tightening.

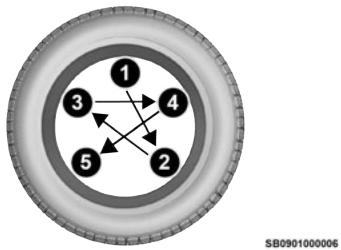
Inspect the wheel mounting surface prior to mounting the tire and remove any corrosion or loose particles.

Wheel Mounting Surface

Tighten the lug nuts/bolts in a star pattern until each nut/bolt has been tightened twice. Ensure that the socket is fully engaged on the lug nut/bolt (do not insert it halfway).

NOTE:
If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or service station.

After 25 miles (40 km), check the lug nut/bolt torque to be sure that all the lug nuts/bolts are properly tightened.



Torque Patterns

WARNING!
To avoid the risk of forcing the vehicle off the jack, do not tighten the lug nuts/bolts fully until the vehicle has been lowered. Failure to follow this warning may result in personal injury.

CUSTOMER ASSISTANCE

CUSTOMER ASSISTANCE

FCA US LLC and its authorized dealers are interested in your satisfaction. We want you to be happy with our products and services.

Warranty service must be done by an authorized dealer. We strongly recommend that you take the vehicle to an authorized dealer for non-warranty service as well. FCA US LLC's authorized dealers have the facilities, factory-trained technicians, special tools, and the latest information to ensure the vehicle is fixed correctly and in a timely manner.

If your authorized dealer is unable to resolve the concern, you may contact an FCA US LLC Customer Assistance center.

Any communication to an FCA US LLC Customer Assistance center should include the following information:

- Owner's name and address
- Owner's telephone number (home, mobile, and office)
- Authorized dealer name
- Vehicle Identification Number (VIN)
- Vehicle delivery date and mileage

Roadside Assistance

Available 24 hours, 7 days a week.

Call 1-800-521-2779 or visit chrysler.rsahelp.com (USA)

Call 1-800-363-4869 or visit fca.roadsideaid.com (Canada)

Who is Covered

You are covered by Roadside Assistance services if you are a purchaser for use of the vehicle. Roadside Assistance services last for five years or 60,000 miles for a Gas vehicle and for eight years, or 100,000 miles on the odometer for an EV, whichever occurs first. It is calculated from the start date of the Basic Limited Warranty, as set forth in your Warranty Information book.[2]

What to Do

If your vehicle requires 12v Battery jump start assistance, out of gas/fuel delivery (Gas vehicle only), tire service, lockout service, out of charge (EV) or towing as a result of a mechanical breakdown or flat tire, dial toll-free: USA: 1-800-521-2779/ Canada: 1-800-363-4869. Provide your name, Vehicle Identification Number (VIN) required for covered services, license plate number, and your location, including the telephone number from which you are calling. Briefly describe the nature of the problem and answer a few simple questions. You will be given the name of the service provider and an estimated time of arrival. If you feel you are in an unsafe situation, please let us know. With your consent, we will contact local police or safety authorities.

If Unable to Contact Roadside Assistance

If you are unable to contact Roadside Assistance or unable to provide a valid Vehicle Identification Number (VIN), and you obtain towing services on your own, you may submit your original receipts from the licensed towing or service facility, for services rendered within 30 days of the occurrence. Be sure to include your VIN, odometer mileage at the time of service, and current mailing address. We will process the claim based on vehicle and service eligibility. If eligible, we will reimburse you for the reasonable amount actually paid, based on the usual and customary charges for that service in the area where they were provided. FCA US LLC's determination relating to reimbursement is final. Correspondence should be mailed to:

FCA US LLC Customer Assistance

P.O. Box 9145

Medford, MA 02155

Attention Claims Department

[2] Towing services provided through Cross Country Motor Club, Inc., 400 River's Edge Drive, Medford, MA 02155, except in AK, CA, HI, OR, WI, and WY, where services are provided by Cross Country Motor Club of California, Inc., 275 East Hillcrest Drive, Suite 165, Thousand Oaks, CA 91360

A claim can also be submitted online at https://stellantis.roadsidereimbursement.com

FCA US LLC reserves the right to modify the terms or discontinue the Roadside Assistance Program at any time. The Roadside Assistance program is subject to restrictions and conditions of use, which are determined solely by FCA US LLC.

Flat Tire Service

If you are inconvenienced by a flat tire, we will dispatch a service provider to use your vehicle's temporary spare tire (if equipped) as recommended in your Owner's Manual (this is not a permanent flat tire repair). If your vehicle is not equipped with a spare tire, we will tow your vehicle to the closest authorized Chrysler, Dodge, Jeep®, or Ram dealer.

Out of Gas/Fuel Delivery (Gas vehicle only)

Drivers cannot always count on a gas station being nearby, especially when traveling away from home. We will dispatch a service provider to deliver a small amount of fuel (maximum two gallons) to get you to a nearby station. This service is limited to two occurrences in a 12-month period.

Out Of Charge (EV)

With Roadside Assistance, we have you covered if your vehicle runs out of charge. Request an out of charge service and we will tow your vehicle to the nearest charging station or dealership to get you back on the road.

12V Battery Jump Assistance

No time is a good time for a depleted 12V battery. With Roadside Assistance, you do not have to worry about being stranded. We will dispatch a service provider to provide you with a battery jump anytime, day or night.

Lockout Service

Whether the keys are locked in your vehicle or frozen locks are keeping you from getting on your way, help is just a phone call away. This service is limited to providing access to the vehicle's seating area. It does not cover the cost of replacement keys.

Towing Service

Our towing service gives you peace of mind and confidence. If your vehicle becomes disabled as a result of a mechanical breakdown, we will dispatch a towing service to transport your vehicle to the closest authorized Chrysler, Dodge, Jeep®, or Ram dealer. If you choose to go to another dealer, you will be responsible for the cost of the extra distance.

FCA US LLC Customer Center

P.O. Box 21–8004

Auburn Hills, MI 48321–8004

Phone: (800) 423-6343

FCA Canada Customer Care

P.O. Box 1621

Windsor, Ontario N9A 4H6

Phone: (800) 465-2001 English

Phone: (800) 387-9983 French

Mexico

Customer Relations Office

STELLANTIS Mexico, S.A. de C.V.

Av. Prolongacion Paseo de la Reforma, 1240

Sante Fe C.P. 05109

Mexico, CDMX

In Mexico City: 800-505-1300

Outside Mexico City: +(52) 55 50817568

Puerto Rico And US Virgin Islands

Customer Service

FCA Caribbean LLC

P.O. Box 191857

San Juan 00919-1857

Phone: (800) 423-6343

Customer Assistance For The Hearing Or Speech Impaired (TDD/TTY)

To assist customers who have hearing difficulties, FCA US LLC has installed special Telecommunication Devices for the Deaf (TDD) equipment at its customer centers. Any hearing or speech impaired customer, who has access to a TDD or a conventional teletypewriter (TTY) in the United States, can communicate with FCA US LLC by dialing 1-800-380-2479.

Canadian residents with hearing difficulties who require assistance can use the special needs relay service

offered by Bell Canada. For TTY users, dial 711. For Voice callers, dial 1-800-855-0511 to connect with a Bell Relay Service operator.

Service Contract

You may have purchased a service contract for a vehicle to help protect you from the high cost of unexpected repairs after FCA US LLC's New Vehicle Limited Warranty expires. The FlexCare Vehicle Protection plans are the ONLY vehicle extended protection plans authorized, endorsed and backed by FCA US LLC to provide additional protection beyond your vehicle's warranty. If you purchased a FlexCare Vehicle Protection Plan, you will receive Plan Provisions and an Owner Identification Card in the mail within three weeks of the vehicle delivery date. If you have any questions about the service contract, call the FlexCare National Customer Hotline at 1-800-521-9922.

For Canadian residents, you may have purchased additional coverage with an extended service contract. FCA Canada Inc. stands fully behind its service contracts. Be sure that the one you buy is a genuine Canada Inc. service contract. We are not responsible for other companies' contracts. If you purchased a contract other than a genuine FCA Canada Inc. service contract and you have a problem, you will have to contact the administrator of that contract for resolution. If you have any questions about the service contract, call the FlexCare National Customer Hotline at (800) 465-2001 English / (800) 387-9983 French).

FlexCare Vehicle Protection Plans offer valuable protection against repair costs after your vehicle warranties have expired. FlexCareVehicle Protection plans are the ONLY vehicle extended protection plans authorized, endorsed and backed by FCA US LLC to provide additional protection beyond your vehicle's warranty.

FCA US LLC is not responsible for any service contract you may have purchased from another manufacturer. If you require service after the FCA US LLC New Vehicle Limited Warranty expires, please refer to the contract documents, and contact the person listed in those documents.

We appreciate that you have made a major investment when you purchased the vehicle. An authorized dealer has also made a major investment in facilities, tools, and training to assure that you are absolutely delighted with the ownership experience.

Warranty Information

To access your warranty information online, visit www.mopar.com/om (US) or www.owners.mopar.ca/en or www.owners.mopar.ca/fr (Canada).

EV warranty service must be done by a certified EV Chrysler, Dodge, Jeep®, Ram, or Business Link dealer. To find a certified dealer, visit the Find-A-Dealer feature on the Mopar® website and select "Show certified EV dealers only".

Ordering and Accessing Additional Owner's Information

To order the following manuals, you may use either the website or the phone numbers listed.

Service Manuals

These comprehensive Service Manuals provide a complete working knowledge of the vehicle, system, and/or components and is written in straightforward language with illustrations, diagrams, and charts.

Diagnostic Procedure Manuals

Diagnostic Procedure Manuals are filled with diagrams, charts and detailed illustrations. These manuals make it easy to find and fix problems on computer-controlled vehicle systems and features. They show exactly how to find and correct problems, using step-by-step troubleshooting and drivability procedures, proven diagnostic tests and a complete list of all tools and equipment.

To order a digital copy of your Service or Diagnostic Procedure manuals, visit: www.moparTSP.com (US and Canada).

Owner's Manuals

To access your Owner's Information online, visit www.mopar.com/om (US) or www.owners.mopar.ca/en/ (Canada) or visit: www.moparTSP.com to order physical copies of Owner's Manuals (US).

Owner's Information and Radio Manuals can be ordered through Archway at: **1-800-387-1143 (Canada)**

Change Of Ownership Or Address

*If you have purchased this vehicle used or have changed your address, please provide the following information and mail to

FCA US LLC

P.O. Box 21–8008

Auburn Hills, MI 48321–8004

Make sure to include the following:

- Date of Sale (mm/dd/yy)
- Vehicle Identification Number (17 Character ID located on top left of the instrument panel)
- Exact Odometer Reading
- First and Last Name
- Phone Number
- Street Address, City, State and Zip Code
- Email Address

*Applies to US residents only.

Service Contract

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FlexCare Vehicle Protection Plans offer valuable protection against repair costs after your vehicle warranties have expired. FlexCareVehicle Protection plans are the ONLY vehicle extended protection plans authorized, endorsed and backed by FCA US LLC to provide additional protection beyond your vehicle's warranty.

FCA US LLC is not responsible for any service contract you may have purchased from another manufacturer. If you require service after the FCA US LLC New Vehicle Limited Warranty expires, please refer to the contract documents, and contact the person listed in those documents.

We appreciate that you have made a major investment when you purchased the vehicle. An authorized dealer has also made a major investment in facilities, tools, and training to assure that you are absolutely delighted with the ownership experience.

General Information

The following regulatory statement applies to all Radio Frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d`Innovation, Science and Economic Development applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage, et
2. L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La operación de este equipo está sujeta a las siguientes dos condiciones:

1. Es posible que este equipo o dispositivo no cause interferencia perjudicial y
2. Este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Reporting Safety Defects

In The 50 United States And Washington, D.C.

If you believe that your vehicle has a defect that could cause a crash or cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying FCA US LLC.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, an authorized dealer, or FCA US LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll free at 1-888-327-4236 (TTY: 1-800-424-9153); or go to http://www.safercar.gov; or write to: Administrator, NHTSA, 1200 New Jersey Avenue, SE., West Building, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from http://www.safercar.gov.

In Canada

If you believe that your vehicle has a safety defect, you should contact the Customer Service Department immediately. Canadian customers who wish to report a safety defect to the Canadian government should contact Transport Canada, Motor Vehicle Defect Investigations and Recalls at 1-800-333-0510 or go to wwwapps.tc.gc.ca/Saf-Sec-Sur/7/PCDB-BDPP.

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The driver's primary responsibility is the safe operation of the vehicle. Driving while distracted can result in loss of vehicle control, resulting in an accident and personal injury. FCA US LLC strongly recommends that the driver use extreme caution when using any device or feature that may take their attention off the road. Use of any electrical devices, such as cellular telephones, computers, portable radios, vehicle navigation or other devices by the driver while the vehicle is moving is dangerous and could lead to a serious accident. Texting while driving is also dangerous and should never be done while the vehicle is moving. If you find yourself unable to devote your full attention to vehicle operation, pull off the road to a safe location and stop your vehicle. Some states or provinces prohibit the use of cellular telephones or texting while driving. It is always the driver's responsibility to comply with all local laws.

This Owner's Manual has been prepared to help you get acquainted with your new Dodge® brand vehicle and to provide a convenient reference source for common questions. Not all features shown in this manual may apply to your vehicle. For additional information, visit **mopar.com/om** (USA), **owners.mopar.ca** (Canada) or your local Dodge® brand dealer.

DRIVING AND ALCOHOL

Drunk driving is one of the most frequent causes of accidents. Your driving ability can be seriously impaired with blood alcohol levels far below the legal minimum. If you are drinking, don't drive. Ride with a designated non-drinking driver, call a cab, a rideshare, a friend or use public transportation.

WARNING

Driving after drinking can lead to an accident. Your perceptions are less sharp, your reflexes are slower and your judgment is impaired when you have been drinking. Never drink and then drive.

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Whether it's providing information about specific product features, taking a tour through your vehicle's heritage, knowing what steps to take following an accident or scheduling your next appointment, we know you'll find the app an important extension of your Dodge® brand vehicle. Simply download the app, select your make and model and enjoy the ride. To get this app, go directly to the App Store® or Google Play® Store and enter the search keyword "Dodge" (U.S. residents only).

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