

## GETTING TO KNOW YOUR VEHICLE

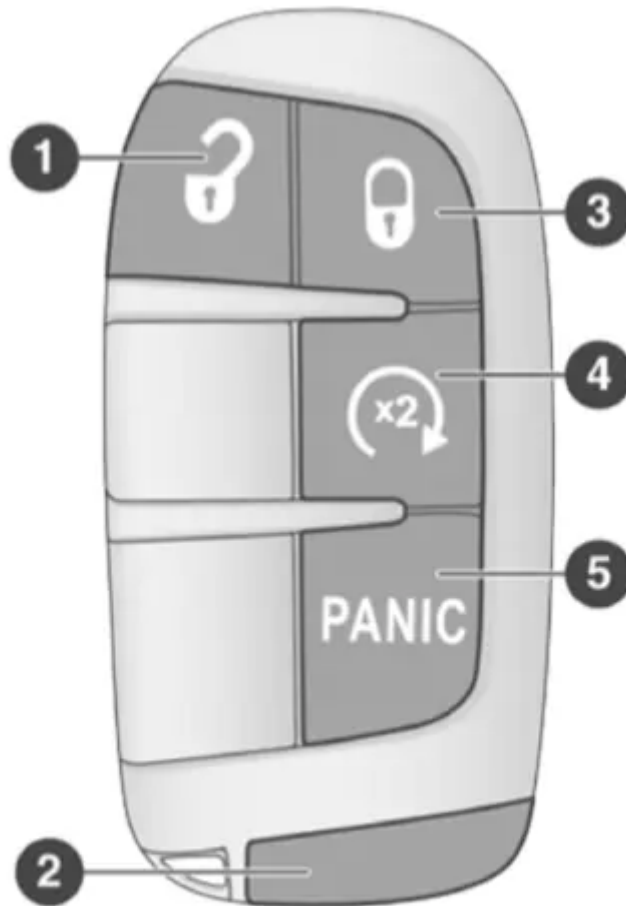
### KEYS

#### KEY FOB

Your vehicle is equipped with a key fob which supports Passive Entry, Remote Keyless Entry (RKE), Keyless Enter-N-Go (if equipped), Remote Start (if equipped), and Panic button operation. The key fob allows you to lock or unlock the doors and liftgate 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:

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.




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### Keyless Ignition Key Fob

- 1 — Unlock
- 2 — Emergency Key
- 3 — Lock
- 4 — Remote Start
- 5 — PANIC


#### NOTE:

In case the ignition switch does not change with the push of a button, the key fob may have a low or fully depleted battery. A low key fob battery can be verified by referring to the instrument cluster, which will display directions to follow  page 420.

#### To Unlock/Lock The Doors And Liftgate

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

All doors can be programmed to unlock on the first push of the unlock button within Uconnect Settings  page 157.

### Replacing The Battery In The Key Fob

The replacement battery is one CR2032 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 [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate) for further information.
- Do not touch the battery terminals that are on the back housing or the printed circuit board.

1. Remove the emergency key (2) by sliding the emergency key release (1) on the back of the key fob and pull the emergency key out with your other hand.

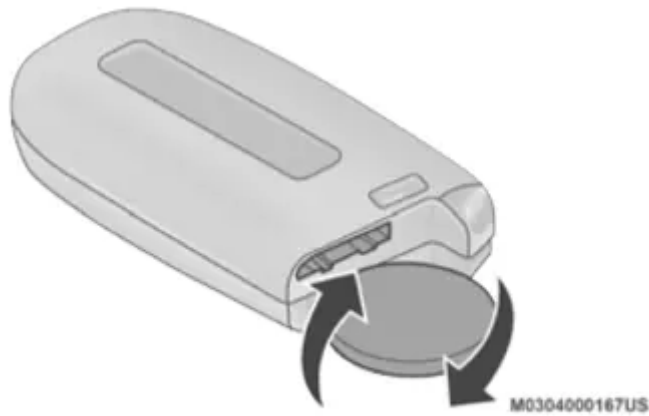


#### Emergency Key Removal

1 — Emergency Key Release Button

2 — Emergency Key

2. Separate the key fob halves using a #2 flat blade screwdriver or a coin, and gently pry the two halves of the key fob apart. Make sure not to damage the seal during removal.



### Separating Case With A Coin



### Key Fob Battery Replacement

3. Remove the back cover to access and replace the battery. When replacing the battery, match the (+) sign on the battery to the (+) sign on the inside of the battery clip, located on the back cover. Avoid touching the new battery with your fingers. Skin oils may cause battery deterioration. If you touch a battery, clean it with rubbing alcohol.

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

### Programming 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.

- Always remember to place the ignition in the OFF mode.

Duplication of key fobs may be performed at an authorized dealer. This procedure consists of programming a blank key fob to the vehicle electronics.

**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.

**SENTRY KEY**

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

The system uses a key fob, keyless push button ignition and a Radio Frequency (RF) receiver to prevent unauthorized vehicle operation. Therefore, only key fobs that are programmed to the vehicle can be used to start and operate the vehicle. The system will shut the engine off in two seconds if an invalid key fob is used to start the engine.

After placing the ignition switch in the ON/RUN position, the vehicle security light will turn on for three seconds for a bulb check. If the light remains on after the bulb check, it indicates that there is a problem with the electronics.

In addition, if the light begins to flash after the bulb check, it indicates that someone attempted to start the engine with an invalid key fob. Either of these conditions will result in the engine being shut off after two seconds.


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

**CAUTION!**

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

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

**NOTE:**

A key fob that has not been programmed is also considered an invalid key  page 420.



## IGNITION SWITCH

### KEYLESS ENTER-N-GO — IGNITION

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

The START/STOP ignition button has three operating modes. The three modes are OFF, ON/RUN, and START.

#### NOTE:

The vehicle will not start if the key fob is located inside the cargo area and the liftgate is opened.



**START/STOP Ignition Button**

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

#### OFF

- The engine is stopped.
- No electrical devices are available.

#### ON

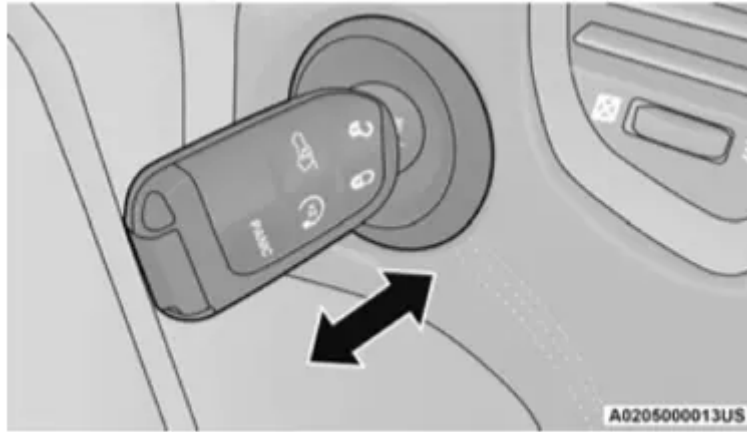
- The vehicle is not running.
- Some electrical devices (Central locking, alarm, etc.) are still available.

#### RUN

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

#### NOTE:

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




### **Starting The Ignition With Depleted Key Fob Battery**

#### **WARNING!**

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

#### **CAUTION!**

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

For information on normal starting, see  page 94.

### **REMOTE START — IF EQUIPPED**



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

Remote start is used to defrost windows in cold weather, and to reach a comfortable climate in all ambient conditions before the 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 (CO) which is odorless and colorless. Carbon Monoxide is poisonous and can cause serious injury or death when inhaled.
- Keep key fobs away from children. Operation of the Remote Start system, windows, door locks or other controls could cause serious injury or death.

### **HOW TO USE REMOTE START**

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

### **NOTE:**

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

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

- Gear selector in PARK
- Doors closed
- Hood closed
- Liftgate closed
- Hazard switch off
- Brake switch inactive (brake pedal not pushed)
- Battery at an acceptable charge level
- PANIC button not pushed
- System not disabled from previous remote start event
- Vehicle Security system indicator flashing
- Ignition in OFF position

- Fuel level meets minimum requirement
- Vehicle Security system is not signaling an intrusion
- Malfunction Indicator Light 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 ENTER REMOTE START MODE**

Push and release the remote start button on the key fob twice within five seconds. The vehicle doors will lock, the 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.

### **NOTE:**

- If an engine fault is present or fuel level is low, the vehicle will start and then shut down in 10 seconds.
- The park lamps will turn on and remain on during Remote Start mode.
- For security, power window and power sunroof operation (if equipped) are disabled when the vehicle is in the Remote Start mode.
- The engine can be started two consecutive times with the key fob. However, the ignition must be cycled by pushing the START/STOP ignition button twice (or the ignition switch must be placed in the ON/RUN position) before you can repeat the start sequence for a third cycle.

### **TO EXIT REMOTE START MODE**

To drive the vehicle after starting the Remote Start system, push and release the START/ STOP ignition button while pressing the brake pedal prior to the end of the 15 minute cycle.

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

### **NOTE:**


- The message “Remote Start Active — Push Start Button” will show in the instrument cluster display until you push the START/ STOP ignition button.

- To avoid unintentional shutdowns, the system will disable for two seconds after receiving a valid remote start request.

## **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 157. In warm weather, the driver vented seat feature will automatically turn on when the remote start is activated and is selected 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 ignition is placed in the ON/RUN position where the climate controls will resume their previous settings.

### **Manual Temperature Control (MTC) — If Equipped**

- In ambient temperatures 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 47.

### **NOTE:**

These features will stay on through the duration of remote start until the ignition 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 and the Rear Defrost will be enabled.

Exiting Remote Start will resume previous operation, except if the Windshield Wiper De-Icer is active. The Windshield Wiper De-Icer timer and operation will continue  page 420.

## REMOTE START CANCEL MESSAGE — IF EQUIPPED

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

- Remote Start Cancelled — Door Open
- Remote Start Cancelled — Hood Open
- Remote Start Cancelled — Fuel Low
- Remote Start Cancelled — Liftgate Open
- Remote Start Cancelled — Too Cold
- Remote Start Cancelled — Time Expired
- Remote Start Disabled — Start Vehicle To Reset

The message will stay active until the ignition is placed in the ON/RUN position.

## VEHICLE SECURITY SYSTEM — IF EQUIPPED

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

### NOTE:

- The Vehicle Security system is factory adjusted to standards from different countries.
- The Vehicle Security system is a complementary security system developed to hinder the occurrence of vehicle theft and prevent vandalism. It does not prevent the theft of your vehicle; the system is a deterrent.
- The Vehicle Security system does not monitor glass breakage or the movement of objects or people inside the vehicle. The alarm does not intervene in the case of vehicle tilt variations when it is parked.


## TO ARM THE SYSTEM

Follow these steps to arm the Vehicle Security system:

1. Make sure the vehicle's ignition is placed in the OFF position.
2. Perform one of the following methods to lock the vehicle:
  - Push the lock button on the interior power door lock switch with the driver and/or passenger door open.
  - Push the lock button on the exterior Passive Entry Door Handle with a valid key fob available in the same exterior zone  page 23.
  - 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 23.
- Cycle the ignition out of the OFF position to disarm the system.

### NOTE:

- The driver's door key cylinder cannot arm or disarm the Vehicle Security system.
- 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.

To completely disable the alarm (e.g. in the case of long inactivity of the vehicle), lock the doors by turning the emergency key in the exterior door lock cylinder.

### NOTE:

If the batteries in the key fob discharge in the event of a failure to the system, place the ignition in the ON/RUN position to turn the alarm off.


## DOORS

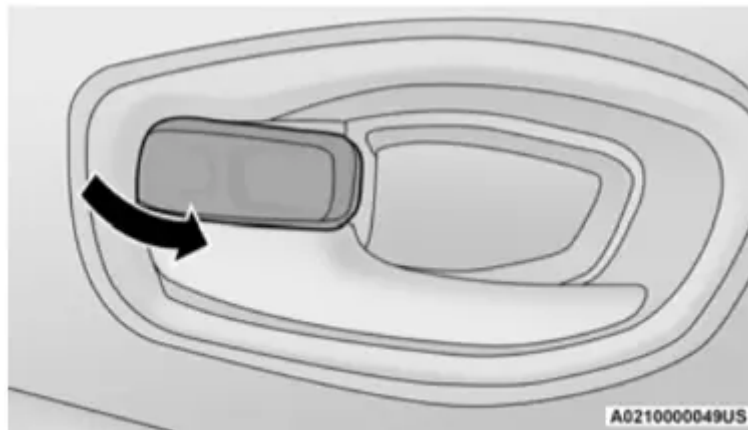
### MANUAL DOOR LOCKS

The door locks can be manually locked from inside the vehicle by using the door lock knob. To lock each door, rotate the door lock knob on each door trim panel forward until the lock indicator is shown. To unlock the front doors, pull the inside door handle to the first detent or rotate the door lock button until the lock indicator is hidden.

To unlock the rear doors, rotate the door lock button until the lock indicator is hidden. If the door lock button is locked (lock indicator visible) when you shut the door, the door will remain locked.

Therefore, make sure the key fob is not inside the vehicle before closing the door.

All doors and the liftgate can be programmed to unlock on the use of one of the front door interior handles within the Uconnect Settings  page 157.



**Manual Door Lock**

#### NOTE:

The manual lock knob unlocks each individual door separately.

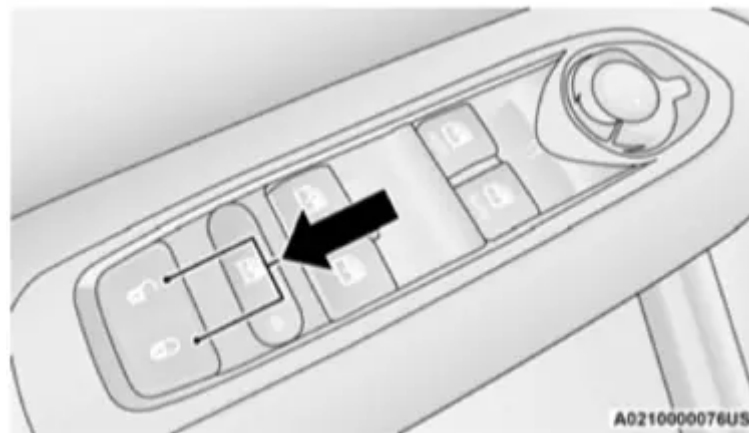
#### WARNING!

- 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 leaving the vehicle, always remove the key fob from the vehicle and lock your vehicle. Always make sure the ignition is in “OFF” mode, remove the key fob from the vehicle and lock the vehicle. Unsupervised use of vehicle equipment may cause severe personal injuries or death.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.


- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition in the ON or RUN mode. A child could operate power windows, other controls, or move the vehicle.

## POWER DOOR LOCKS

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




**Power Door Lock Switch**

The doors can also be locked and unlocked with the Keyless Enter-N-Go — Passive Entry system if equipped  page 23.

## KEYLESS ENTER-N-GO — PASSIVE ENTRY (IF EQUIPPED)

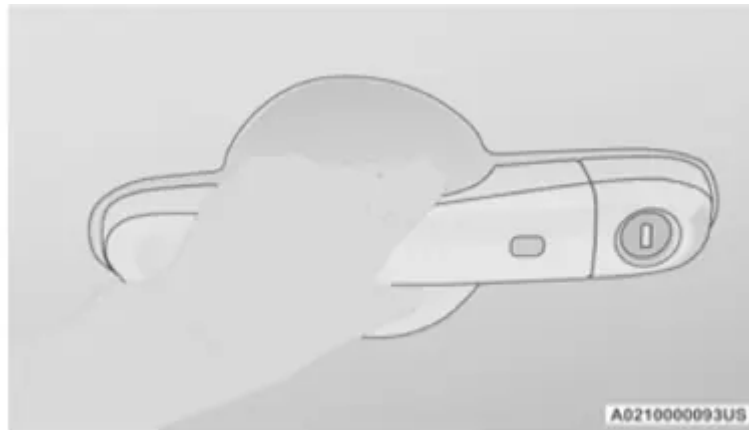
The Passive Entry system is an enhancement to the vehicle's Remote Keyless Entry system and a feature of Keyless Enter-N-Go — Passive Entry. This feature allows you to lock and unlock the vehicle's door(s) without having to push the key fob lock or unlock buttons.

### NOTE:

- Passive Entry may be programmed on/off through Uconnect Settings  page 157.
- The key fob may not be able to be detected by the 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 and unlocking the vehicle.
- If wearing gloves, or if it has been raining/ snowing on the Passive Entry door handle, the unlock sensitivity can be affected, resulting in a slower response time.
- If the vehicle is unlocked by Passive Entry and no door is opened within 60 seconds, the vehicle will re-lock and, if equipped, will arm the Vehicle Security system.


### To Unlock From The Driver's Side Or Passenger's Side

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



### **Grab The Door Handle To Unlock**

#### **NOTE:**

- If “Unlock All Doors 1st Press” is programmed, all doors will unlock when you grab hold of the front driver’s door handle. You can select between “Unlock Driver Door 1st Press” and “Unlock All Doors 1st Press” in the Uconnect Settings  page 157.
- All doors will unlock when the front passenger door handle is grabbed regardless of the driver’s door unlock preference setting (“Unlock Driver Door 1st Press” or “Unlock All Doors 1st Press”).

#### **Frequency Operated Button Integrated Key (FOBIK-Safe)**

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

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

- A lock request is made by a valid Passive Entry key fob while a door is open.
- A lock request is made by the Passive Entry door handle while a door is open.
- A lock request is made by the door panel switch while the door is open.

When any of these situations occur, after all open doors are shut, the FOBIK-Safe search will be executed. If it finds a Passive Entry key fob inside the vehicle and it does not find any Passive Entry key fobs outside the vehicle, then the vehicle will unlock and alert the customer.

#### **NOTE:**

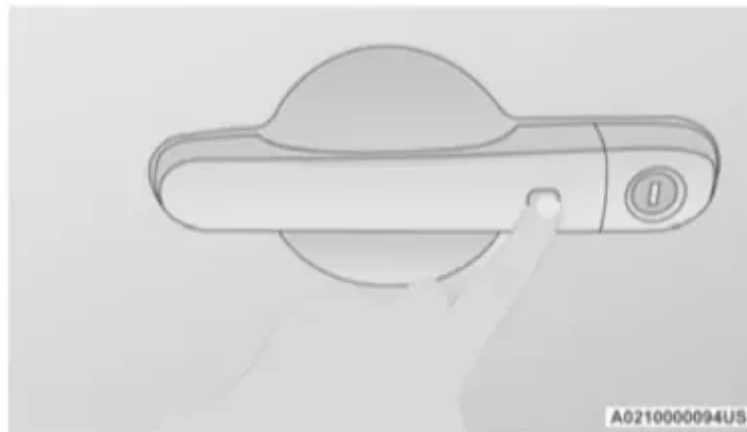
The vehicle will only unlock the doors when a valid Passive Entry key fob is detected inside the vehicle. The vehicle will not unlock the doors when any of the following conditions are true:

- 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 and within 5 ft (1.5 m) of either Passive Entry door handle.

### To Lock The Vehicle's Doors And Liftgate

With one of the vehicle's Passive Entry key fobs within 5 ft (1.5 m) of either front door handle, push the Passive Entry lock button located on the outside door handle to lock the vehicle doors and liftgate.



**Push The Door Handle Button To Lock**

#### NOTE:

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



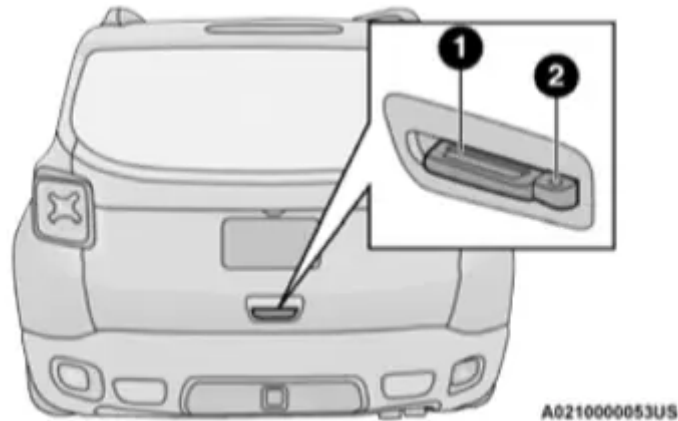
**DO NOT Grab The Door Handle When Locking**

#### NOTE:

- After pushing the door handle button, you must wait two seconds before you can lock or unlock the doors, using either Passive Entry door handle. This is done to allow you to check if the vehicle is locked by pulling the door handle without the vehicle unlocking.
- The Passive Entry system will not operate if the key fob battery is depleted.

## To Unlock/Enter The Liftgate

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



### Liftgate Release/Passive Entry

1 — Electronic Liftgate Release

2 — Liftgate Passive Entry Location

## To Lock The Liftgate

With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, push the Passive Entry lock button located to the right of the electronic liftgate release handle.

### NOTE:

The liftgate Passive Entry lock button will lock the liftgate and the doors. The liftgate unlock feature is built into the electronic liftgate release.

## Emergency Unlocking Driver Door

If the key fob battery is low or depleted, the emergency key can be used to unlock the driver side door lock cylinder.

To release the emergency key, proceed as follows:

1. Slide the emergency key release button to the side.
2. Remove the emergency key from the key fob.

### NOTE:

The emergency key can be inserted into the door lock cylinder from either direction  page 420.

### WARNING!

- 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 severely injured or killed. Children should be warned not to touch the parking brake, brake pedal, or the gear selector. Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition in the ON or RUN mode. A child could start the vehicle, 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 them to be severely injured or killed

## **AUTOMATIC UNLOCK ON EXIT FEATURE — IF EQUIPPED**

If Auto Unlock is enabled within Uconnect Settings Ú page 157, this feature will unlock all the doors when any door is opened if the vehicle is stopped and in PARK.

## **DEAD LOCK DEVICE — IF EQUIPPED**

The Dead Lock Device is a safety device that prevents the use of the internal door handles of the vehicle and the power door lock switch.

This device prevents the doors from opening within the passenger compartment.

### **Arming The Dead Lock Device**

- The device works on all doors and requires two pushes of the lock button on the key fob. For vehicles equipped with Passive Entry, the device will also work by pushing the lock button on the driver's or passenger's side exterior door handle.
- The arming of the device is indicated by three flashes of the turn signals.
- The device does not operate if one or more doors are not properly closed.

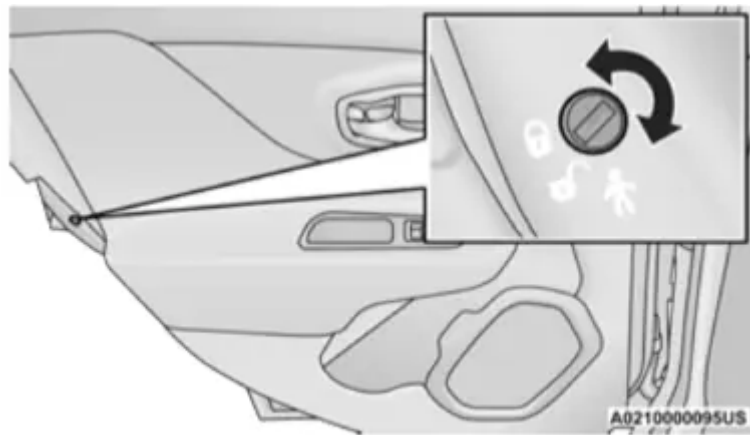
### **Disarming The Device**

- The device will automatically disarm by pushing the unlock button on the key fob. For vehicles equipped with Passive Entry, the device will also disarm by using the driver or passenger Passive Entry door handle to unlock and open the door.
- Placing the ignition in the ON/RUN position.

## **CHILD LOCKS**

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

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



### **Child-Protection Door Lock Location**

#### **NOTE:**

- When the Child-Protection Door Lock system is engaged, the door can only be opened by using the outside door handle even though the inside door lock is in the unlocked position.
- After disengaging the Child-Protection Door Lock system, always test the door from the inside to make certain it is in the unlocked position.
- After engaging the Child-Protection Door Lock system, always test the door from the inside to make certain it is in the locked position.
- For emergency exit with the system engaged, rotate the lock/unlock knob to the unlocked position, roll down the window, and open the door with the outside door handle.

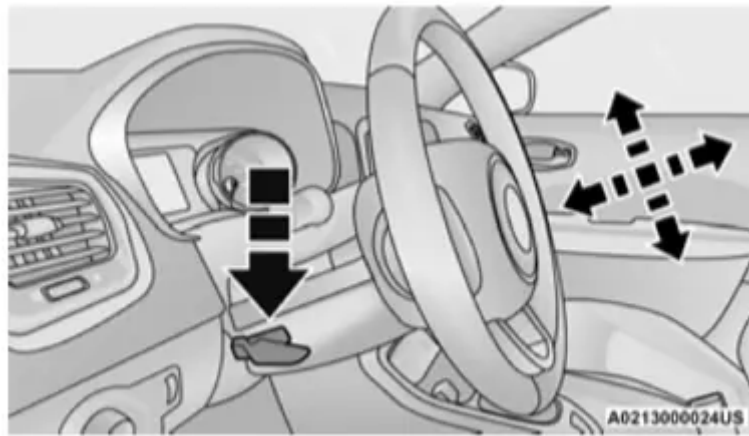
#### **WARNING!**

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

### **STEERING WHEEL**

#### **TILT/TELESCOPING STEERING COLUMN**

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



**Tilt/Telescoping Lever**


To unlock the steering column, push the tilt/ telescoping lever downward (toward the floor). To tilt the steering column, move the steering wheel upward or downward as desired. To lengthen or shorten the steering column, pull the steering wheel outward or push it inward as desired.

To lock the steering column in position, pull the tilt/telescoping lever upward until fully engaged.

**WARNING!**

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

**HEATED STEERING WHEEL — I F EQUIPPED**

The steering wheel contains a heating element that helps warm your hands in cold weather. The heated steering wheel has only one temperature setting. Once the heated steering wheel switch  has been turned on, it will stay on for an average of 80 minutes or more before automatically shutting off. This time will vary based on environmental temperatures. The heated steering wheel can shut off early or may not turn on when the steering wheel is already warm.

The heated steering wheel control button is located in your vehicle's touchscreen or on the instrument panel.

For information on use with the Remote Start system, see  page 20.

**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.
- 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.



## SEATS

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

### WARNING!

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

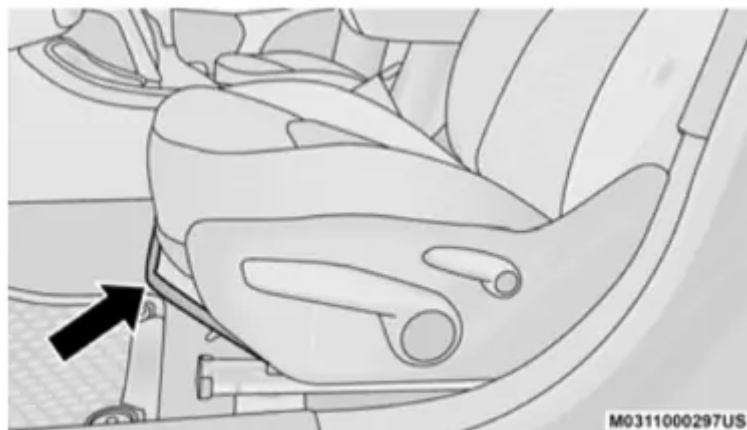
## MANUAL FRONT SEATS

### WARNING!

- Adjusting a seat while the vehicle is moving is dangerous. The sudden movement of the seat could cause you to lose control. The seat belt might not be adjusted properly and you could be injured. Adjust the seat only while the vehicle is parked.
- Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt and be seriously or even fatally injured. Use the recliner only when the vehicle is parked.

### Manual Front Seats Forward/Rearward Adjustment

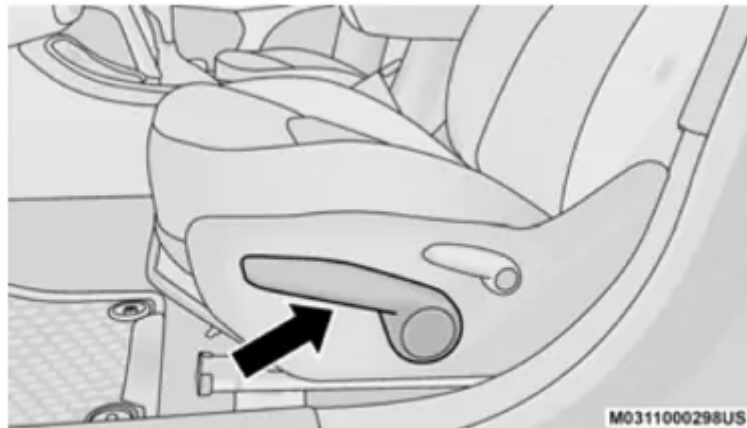
On models equipped with manual seats, the adjusting bar is located at the front of the seats, near the floor. While sitting in the seat, lift up on the bar and move the seat forward or rearward. Release the bar once you have reached the desired position. Then, using body pressure, move forward and rearward on the seat to be sure that the seat adjusters have latched.



**Forward/Rearward Adjustment Bar**

### Height Adjustment

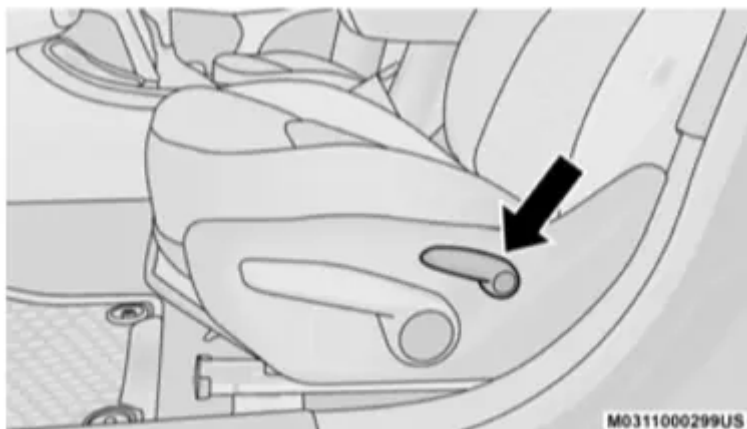
The driver's seat height can be raised or lowered by using a lever, located on the outboard side of the seat. Pull upward on the lever to raise the seat height or push downward on the lever to lower the seat height.



**Height Adjustment Lever**

### **Manual Recline Adjustment**

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



**Recline Adjustment Lever**

## **MANUAL REAR SEAT ADJUSTMENT**

### **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.

### **Split Rear Seats**

The split rear seat has the ability to fold flat which increases the storage of the rear cargo area.

**NOTE:**

- Prior to folding the rear seat down, it may be necessary to position the front seat to its mid-track position. Be sure that the front seats are fully upright and positioned forward, this will allow the rear seat to fold down easily.
- Prior to folding the rear seat, you must secure the rear armrest in the upright position.
- You may experience deformation in the seat cushion from the seat belt buckles if the seats are left folded for an extended period of time. This is normal and by simply opening the seats to the open position, over time the seat cushion will return to its normal shape.

**WARNING!**

- 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.

**Cargo Area Enlargement**

Folding both sides of the rear seat provides additional storage in the rear cargo area.

Proceed as follows:

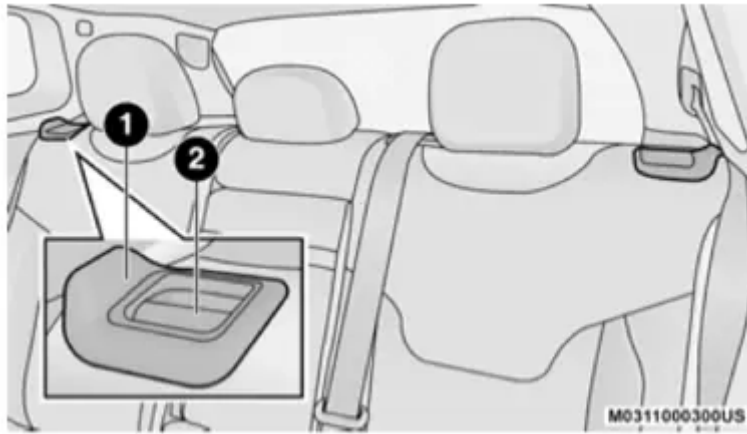
1. Fully lower the rear seat head restraints.
2. Move the seat belts to the outboard side of the seat.
3. Pull the seatback release lever to fold both sides of the rear seatbacks completely forward.

**Partial Enlargement Of The Cargo Area**

Enlargement of the left side of the cargo area allows you to carry a single passenger on the right side of the rear seat, while the enlargement of the right side allows you to carry two passengers.

Proceed as follows:

1. Remove the rear shelf (if equipped) Ú page 68.
2. Fully lower the rear seat head restraints.
3. Move the seat belts to the outboard side of the seat and rest them on the seat belt guide.
4. Pull the seatback release lever to fold the left or right rear seatback completely forward.



### Rear Seat Release

1 — Seat Belt Guide

2 — Seatback Release Lever

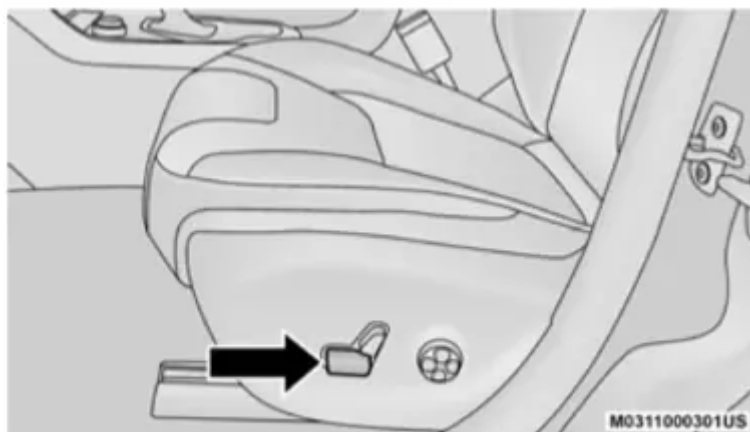
### Seatback Repositioning

#### NOTE:

If interference from the cargo area prevents the seatback from fully locking, you will have difficulty returning the seat to its proper position.

1. Move the seat belts to the seat belt guides on the top edge of the seat to ensure the seatbacks properly latch.
2. Lift the seatbacks, pushing them back until they lock on both the latches. Verify the red notches are no longer visible on the release lever. If the red notches are visible, the seatback is not secure.

### POWER ADJUSTMENT (FRONT) — IF EQUIPPED



### Power Seat Switch

Some models may be equipped with a power driver's seat and/or power passenger seat. The power seat switch and power seat recliner switch are located on the outboard side of the seat near

the floor. Use the power seat switch to adjust seat height, angle, or forward/rearward position. Use the power seat recline switch to adjust the angle of the seatback.

### **Forward Or Rearward Adjustment**

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

### **Height Adjustment**

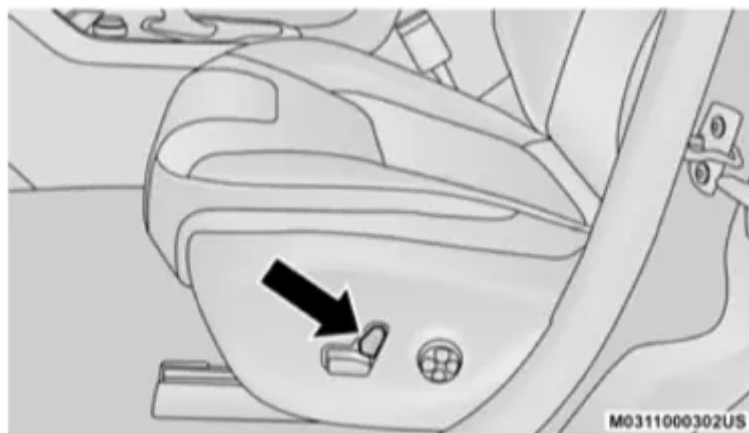
The height of the seats can be adjusted up or down. Pull upward or push downward on the seat switch, the seat will move in the direction of the switch. Release the switch when the desired position is reached.

### **Tilt Adjustment**

The angle of the seat cushion can be adjusted up or down. Pull upward or push downward on the front of the seat switch and the front of the seat cushion will move in the direction of the switch.

### **Reclining The Seatback**

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



**Power Seat Recliner Switch**

### **WARNING!**

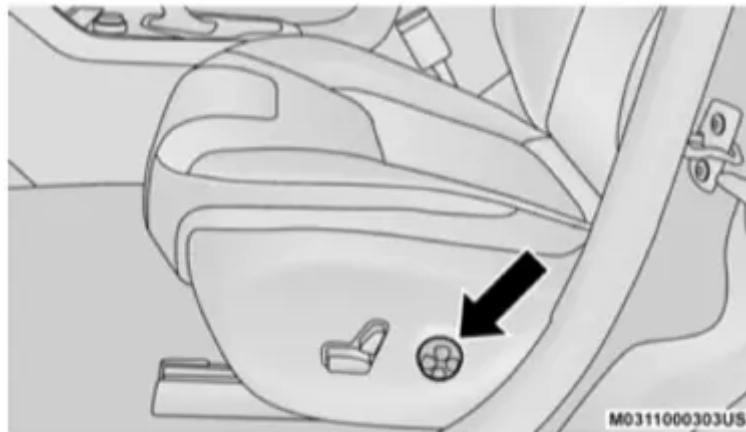
- Adjusting a seat while driving may be dangerous. Moving a seat while driving could result in loss of control which could cause a collision and serious injury or death.
- Seats should be adjusted before fastening the seat belts and while the vehicle is parked. Serious injury or death could result from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

## CAUTION!

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

### Power Lumbar Adjustment— If Equipped

Push the switch forward or rearward to increase or decrease the lumbar support. Push the switch upward or downward to raise or lower the lumbar support.



**Power Lumbar Switch**




## NOTE:

Power seat adjustments are only allowed when the ignition is in the ON position, and for about 30 minutes after it is placed in the OFF position.

### HEATED SEATS — IF EQUIPPED

The heated seat buttons are located in your vehicle's touchscreen or on the instrument panel.

You can choose between two heating levels:


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

If the operator presses the heated seat button a second time to turn on the LO setting, the display will change from HI to LO, and the LO level setting will turn off automatically after 45 minutes.

If the HI-level setting is selected, the system will automatically switch to LO-level after approximately 145 minutes of continuous operation. At that time, the display will change from HI to LO, indicating the change. The LO-level setting will turn off automatically after approximately 60 minutes.

**NOTE:**

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

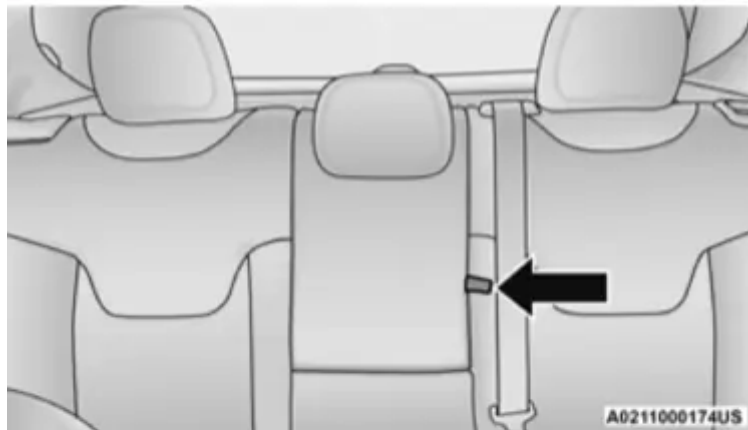
For information on use with the Remote Start system, see  page 20.

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

**UNFOLDING THE REAR ARMREST 40/20/40**

Pull the rear armrest tab to release it from the seat and pull forward.



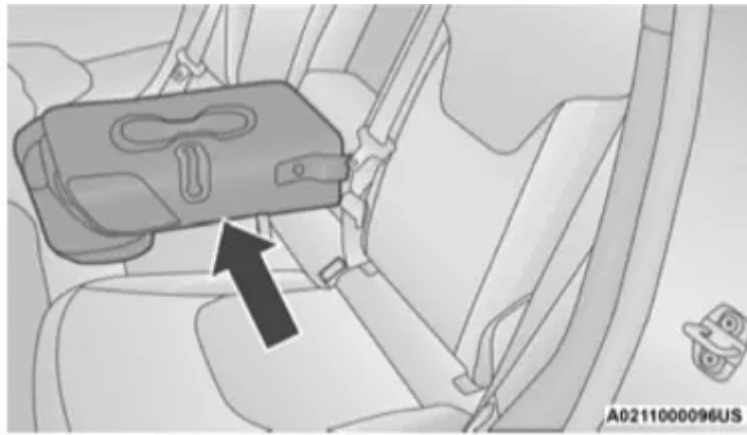
**Armrest Tab Location**



**Fold Center Armrest Forward**

The center part of the rear seat can also be used as a rear armrest with cupholders.





**Rear Armrest With Cupholders**

**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.

**HEAD RESTRAINTS**

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

**WARNING!**

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

**Front Head Restraints**

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

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.





**Head Restraint Adjustment Button**

**NOTE:**

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

**WARNING!**

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

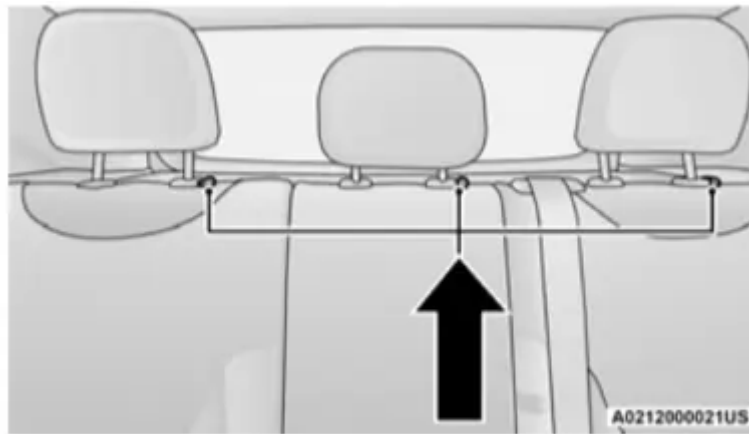
**Rear Head Restraints**

Your vehicle is equipped with two outboard head restraints and one center head restraint for its rear passengers. The rear head restraints can be raised or lowered. 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 Buttons**

**NOTE:**

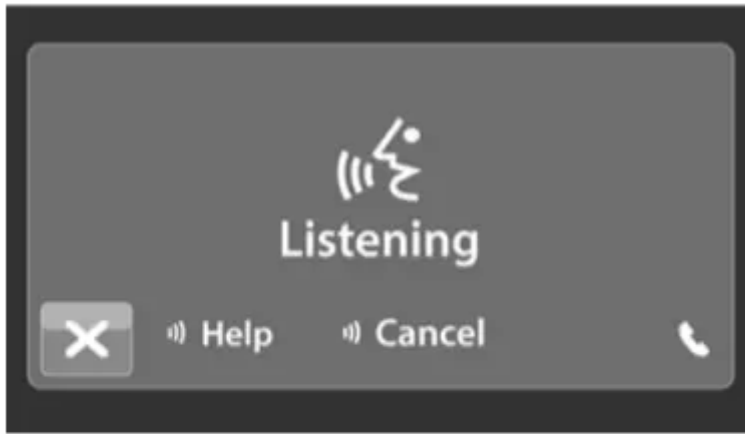
The head restraints should only be removed by qualified technicians, for service purposes only. If either of the head restraints require removal, see an authorized dealer.

**UCONNECT VOICE RECOGNITION**

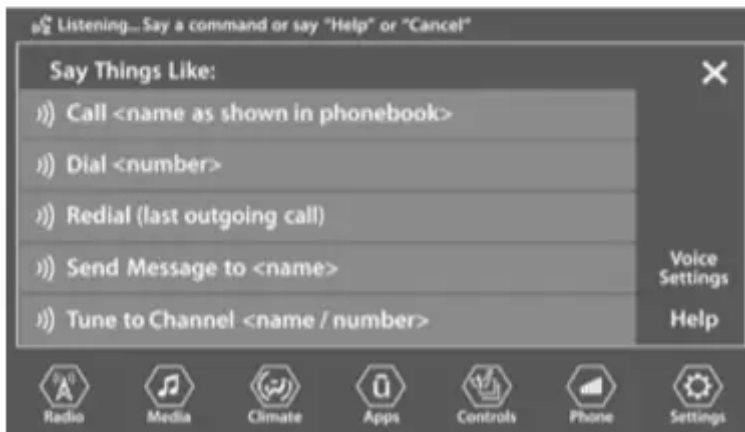
**INTRODUCING VOICE RECOGNITION**

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

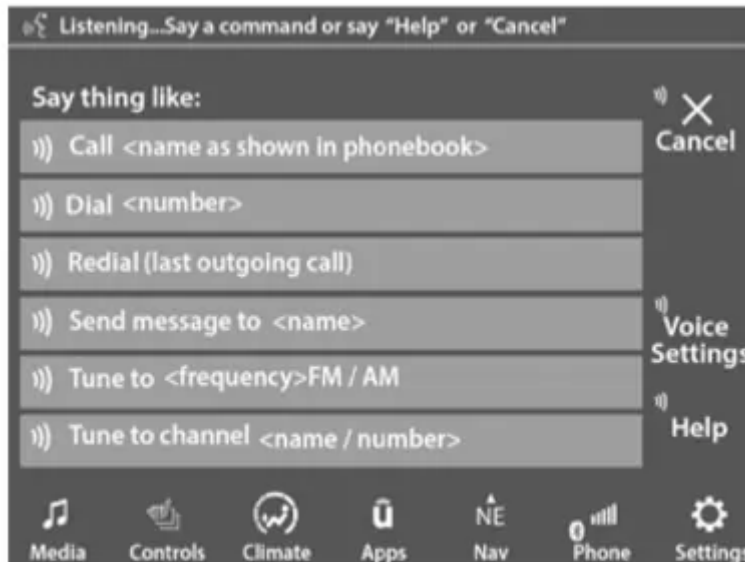




**Uconnect 3**



**Uconnect 4**




**Uconnect 4C NAV**

If you see the NAV icon on the bottom bar or in the Apps menu of your 8.4-inch touchscreen, you have the Uconnect 4C NAV system. If not, you have a Uconnect 4C with 8.4-inch display system.



## GET STARTED

The  VR button is used to activate /deactivate your Voice Recognition system.

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.



### Uconnect Voice Command Buttons

- 1 — Push To Start Or Answer A Phone Call and Send Or Receive A Text
- 2 — Push The Voice Recognition Button To Begin Radio, Media, Navigation And Climate Functions

## BASIC VOICE COMMANDS

The basic Voice Commands below can be given at any point while using your Uconnect system.

Push the VR button . After the beep, say:

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

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

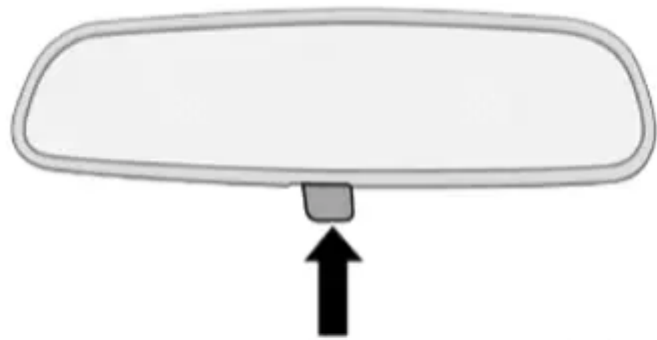
## MIRRORS

### INSIDE REARVIEW MIRROR

### Manual 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. Headlight glare from vehicles behind you can be reduced by moving the lever under the mirror to the night position (toward the rear of the vehicle).

The mirror should be adjusted while the lever under the mirror is set in the day position (toward the windshield).



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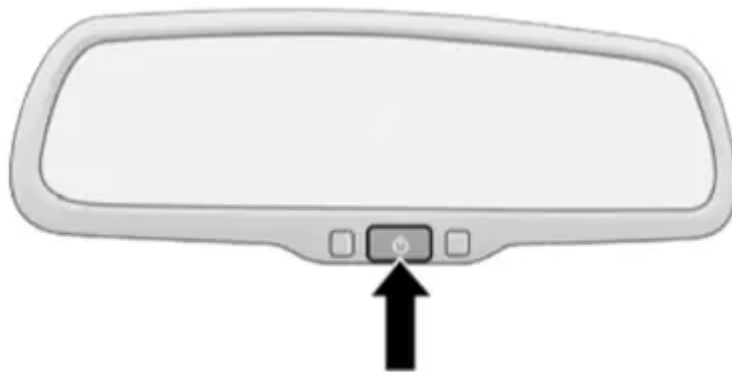
**Mirror Adjustment**

### NOTE:

The mirror will automatically release in the event of heavy contact with a passenger.

### Auto Dimming Mirror — If Equipped

This mirror automatically adjusts for headlight glare from vehicles behind you. You can turn the feature on or off by pushing the button at the base of the mirror. A light to the left of the button will illuminate to indicate when the dimming feature is activated. The sensor to the right of the button does not illuminate.



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**Dimming Mirror**

### NOTE:

This feature is disabled when the vehicle's transmission has been placed in REVERSE.

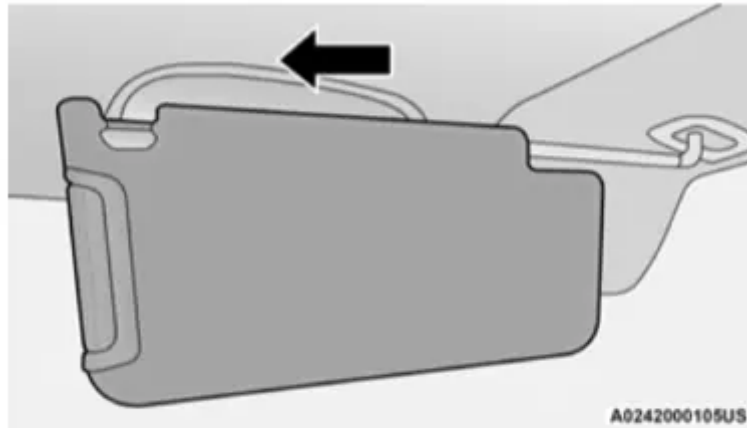
## ILLUMINATED VANITY MIRRORS — IF EQUIPPED

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

## Sun Visor “Slide-On-Rod” Feature — If Equipped

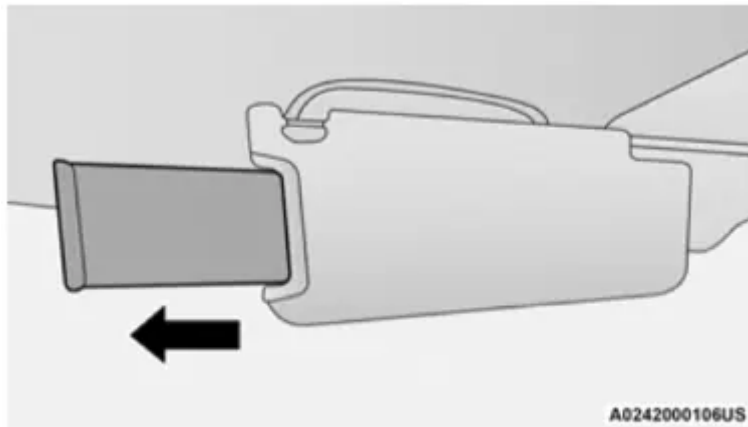
To extend the sun visor, proceed as follows:

1. Place the sun visor against the door glass by detaching it from the hook and turning it toward the side window.
2. Slide the visor along the rod to provide coverage more to the rear.



**Sliding Sun Visor**

3. Slide out the sun visor extender for even more side coverage toward the rear.



**Using The Extender**

## OUTSIDE MIRRORS

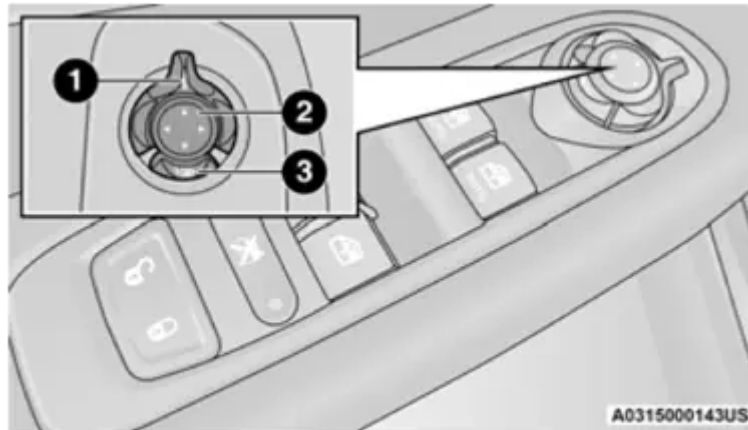
### Power Adjustment Mirrors — If Equipped

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

To adjust the mirror, rotate the mirror selection switch to the left or to the right and then push the mirror adjustment switch in the four directions indicated by arrows.

**NOTE:**

- To adjust the power mirrors, the ignition must be in the ON/RUN position.
- The power mirror switches will remain active for up to three minutes after the ignition is placed in the OFF position. Opening either front door will cancel this feature.
- Once the mirror is adjusted, rotate the control to the neutral position to avoid accidental movements.

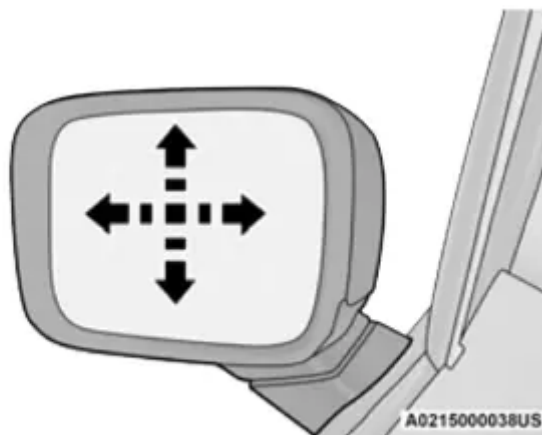


**Power Mirror Switch**

- 1 — Mirror Selector Switch
- 2 — Mirror Adjustment Switch
- 3 — Power Folding Mirror Switch

**Manual Adjustment Mirrors — If Equipped**

To adjust the exterior mirrors, push the corners of the mirrors till desired alignment is obtained.

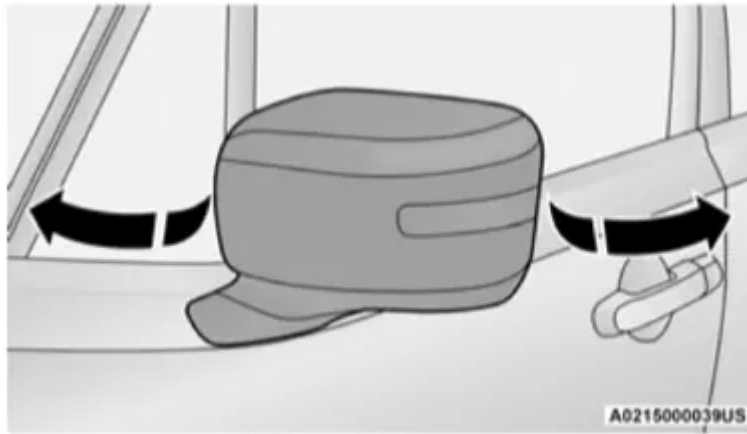


**Manual Adjustment Mirror**

**Folding Mirror**

The exterior mirrors are hinged to allow the mirror to pivot forward or rearward to help avoid damage. The mirror has three detent positions: full forward, normal and full rearward.





### **Folding Exterior Mirror**

#### **Power Folding/Unfolding Mirrors — If Equipped**

Push the mirror fold/unfold switch briefly to fold or unfold the exterior mirrors.


To fold or unfold the exterior mirrors, the ignition must be in the ON/RUN position.

#### **NOTE:**

The fold/unfold mirrors switch will remain active for up to three minutes after the ignition is placed in the OFF position. Opening either front door will cancel this feature.

#### **HEATED MIRRORS — IF EQUIPPED**

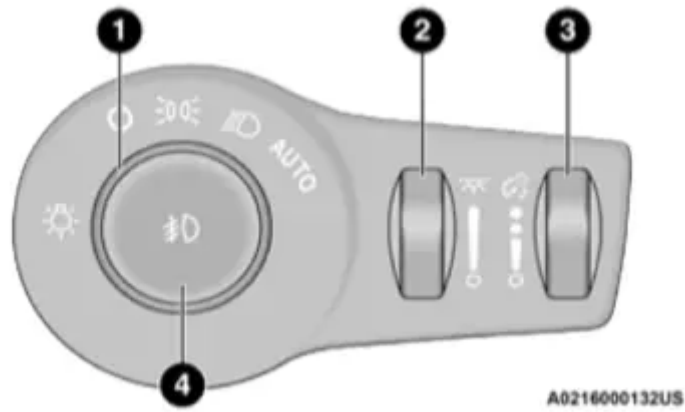


These mirrors are heated to melt frost or ice. This feature can be activated whenever you turn on the Rear Window Defroster  page 47.

#### **EXTERIOR LIGHTS**

##### **HEADLIGHT SWITCH**

The headlight switch is located on the left side of the instrument panel. The headlight switch controls the operation of the headlights, side marker and parking lights, daytime running lights, fog lights and the dimming of the instrument cluster and interior lighting.



### Headlight Switch

- 1 — Rotate Headlight Control
- 2 — Ambient Lighting Control
- 3 — Instrument Panel Dimmer Control
- 4 — Front Fog Light Switch

Turning on the headlights will illuminate the instrument cluster and the controls located on the instrument panel.

#### **NOTE:**

On vehicles sold in Canada, both the rear position lights and Daytime Running Lights (DRLs) will turn on when the headlight switch is rotated to the “Off” (“O”) position.

### **DAYTIME RUNNING LIGHTS (DRLS) — IF EQUIPPED**

The Daytime Running Lights (DRLs), if enabled through Uconnect Settings, will turn on when the instrument cluster is on and remain on unless the headlights are turned on or the instrument cluster is switched off.

In the bulb lighting version, the DRLs will be disabled during turn signal operation and resume operation when the turn signal operation has ended.

#### **NOTE:**

For vehicles sold in Canada, the Daytime Running Lights will automatically deactivate when the front fog lights are turned on.

### **HIGH BEAMS**

To activate the high beam headlights, push the multifunction lever forward (toward the front of the vehicle), and an indicator will illuminate in the instrument cluster display.

To deactivate the high beam headlights, pull the multifunction lever rearward (toward the rear of the vehicle).



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## High Beam And Turn Signal Controls


### NOTE:

The headlights must be on for the high beams to activate.

### AUTOMATIC HIGH BEAM HEADLAMP CONTROL — IF EQUIPPED

The Automatic High Beam Headlamp Control system provides increased forward lighting at night by automatically controlling the high beams through the use of a 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 multifunction lever must be in the high beam position in order to activate the Automatic High Beams.
- The Automatic High Beam Headlamp Control can be turned on or off using the Uconnect system  page 157.
- 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.

When set to AUTO, the system automatically turns the headlights on or off based on ambient light levels.

### FLASH-T O-P ASS

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

### AUTOMATIC HEADLIGHTS — IF EQUIPPED

This system automatically turns the headlights on or off according to ambient light levels. To turn the system on, rotate the headlight switch clockwise to the last detent (AUTO position) for automatic headlight operation. To turn the automatic system off, move the headlight switch out of the AUTO position.

### NOTE:

The ignition must be in the ON/RUN or START position before the headlights will come on in the automatic mode.

### **Light Sensor**

The light sensor is equipped with an infrared LED, located on the windshield. It detects changes in light intensity outside the vehicle, based on the sensitivity of light set by using the menu on the display or on the Uconnect system.


The higher the sensitivity, the lesser the amount of external light required for controlling the lighting.

### **PARKING LIGHTS**

Rotate the headlight switch to the first detent to turn on the parking lights. The parking light indicator in the instrument cluster display will illuminate.

### **HEADLIGHT TIME DELAY**

This feature provides the safety of headlight illumination for up to 90 seconds when leaving your vehicle in an unlit area.

The time delay of the headlights is programmable between 0, 30, 60 and 90 seconds within Uconnect Settings  page 157.

### **Headlight Delay Activation**

To activate the delay feature, place the ignition in the OFF position while the headlights are still on. The delay interval begins when the headlight switch is turned off from the low beam position.

If the headlight switch is in AUTO and the headlights were on before the ignition was turned off, the delay interval begins automatically.

### **Headlight Delay Deactivation**

The feature is disabled by turning on the headlights, the parking lights or by placing the ignition in the RUN position.

If you shut off the lights before the ignition is turned on, they will turn off in the normal manner.

### **NOTE:**

The lights must be turned off within two minutes of placing the ignition in the OFF position to activate this feature.

### **FRONT FOG LIGHTS — IF EQUIPPED**

The front fog light switch is built into the headlight switch.



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### Fog Light Switch

To activate the front fog lights, turn on the parking lights or the low beam headlights and push the fog light button on the headlight switch. The front fog lights feature is latching, which means that every time that the button is pressed and the fog lights are activated, the vehicle memorizes the request and re-activates the front fog lights every time that the parking lights or low beams are active. To deactivate the feature, push the front fog button again. The front fog lights are deactivated each time the parking or low beam lights are deactivated or the ignition is placed in the OFF position.

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

#### NOTE:

The fog lights will operate with the low beam headlights or parking lights on. Selecting the high beam headlights will turn off the fog lights.

### Cornering Lights

The cornering lights are a feature to improve visibility at night while turning the vehicle. When activated, a light incorporated in the front fog light will illuminate on the side of the vehicle the steering wheel is rotated or the turn signal indicator is on. It can be activated through the Uconnect system [Ú](#) page 157.

### TURN SIGNALS

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

#### NOTE:

In the bulb lighting version, if the Daytime Running Lights are on and a turn signal is activated, the Daytime Running Lamp will turn off on the side of the vehicle in which the turn signal is flashing. The Daytime Running Lamp will turn back on when the turn signal is turned off.

### LANE CHANGE ASSIST

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

## COURTESY LIGHTS

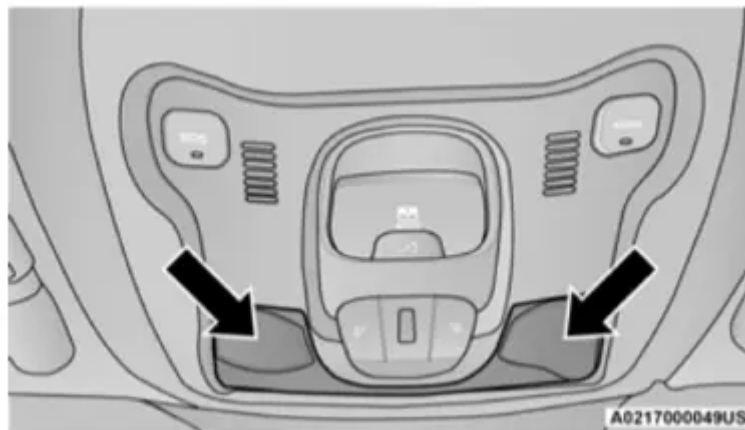
The courtesy lights feature allows you to activate the low beam, parking lights, and sidemarker lights for 25 seconds when the vehicle is unlocked (through the key fob or the Passive Entry door handles [if equipped]). The courtesy lights feature can be activated or deactivated through the Uconnect Settings.

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

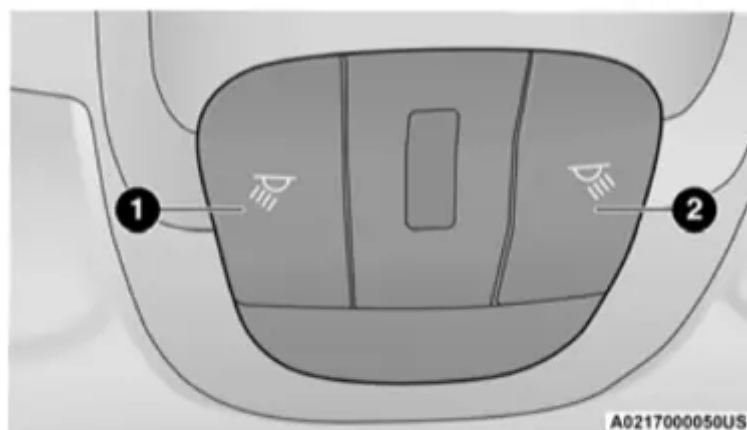
## INTERIOR LIGHTS

### FRONT MAP/READING LIGHTS

The courtesy lights are mounted between the sun visors above the rearview mirror. The light switches are used to turn the lights on or off.



**Driver's Courtesy Lights**



**Courtesy Light Switches**

1— Left Switch

2— Right Switch

To operate the courtesy lights, push either the driver or passenger light switch.

**NOTE:**

- Before exiting the vehicle, make sure that the interior lights are turned off. This will prevent the battery from discharging once the doors are closed.
- If a light is left on, it will automatically be turned off after approximately 15 minutes after the ignition is in the OFF position.

**DIMMER CONTROLS**

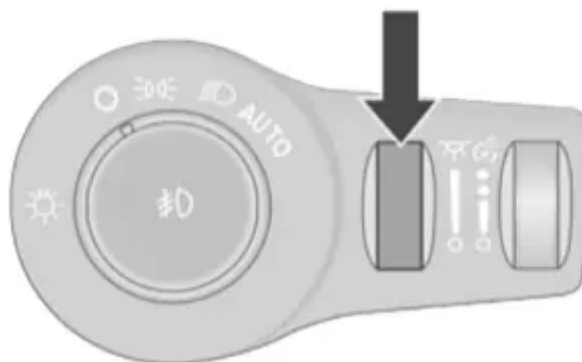
Rotate the ambient dimmer control upward or downward to increase or decrease the brightness of the ambient light located in the overhead console, door handle lights, lower instrument panel lights, door map pocket lights, and cubby bin lights.

With the parking lights or headlights on, rotate the instrument panel dimmer control upward or downward to increase or decrease the brightness of the instrument panel. The instrument panel dimmer has two positions at the top of the thumb wheel. The first top detent position puts the interior lighting into daytime mode and the very top detent position illuminates all the interior lights. The bottom detent position of the instrument panel dimmer dims the internal backlights to their lowest dimmable setting and disables the interior lights.



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**Instrument Panel Dimmer Control Switch**



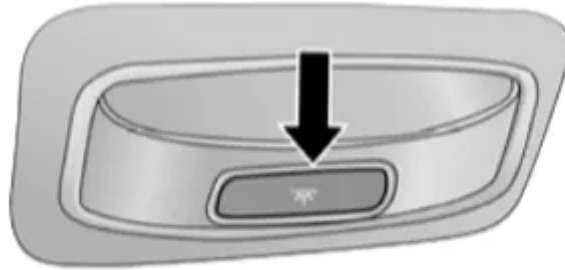
A0217000090US

**Ambient Light Dimmer Control Switch**



## REAR LIGHTS

Push the button on the rear dome light once to turn the light on, and the lights will remain on at all times. Push the button a second time to turn the light off, and the lights will remain off at all times.



A0217000051US

**Rear Dome Light Button**

On vehicles equipped with a retractable roof, there are two interior lights located above the grab handles of the rear doors. The lights come on when any door is opened.

## DOMES LIGHT TIMING

The dome light will automatically illuminate when the doors are unlocked, the doors are opened or after the doors are closed.

### Timing Entering The Vehicle

The dome lights illuminate in the following ways:

- When the doors are unlocked, the dome light will illuminate for approximately 27 seconds.
- When one of the doors is opened, the dome light will illuminate for approximately three minutes.
- When the doors are closed, the dome light will automatically shut off after approximately 27 seconds. The timing stops once the ignition is placed in the ON/RUN position. The dome light will turn off under any of the following conditions:
  - The dome light is disabled when the ignition is placed in the ON/RUN position.
  - The dome lights will turn off automatically when the doors are locked.
  - The dome lights will automatically turn off after approximately 15 minutes of inactivity to preserve the battery.

### Timing Exiting The Vehicle

The dome light will illuminate under the following conditions when the ignition is placed to the OFF position and the key is removed:

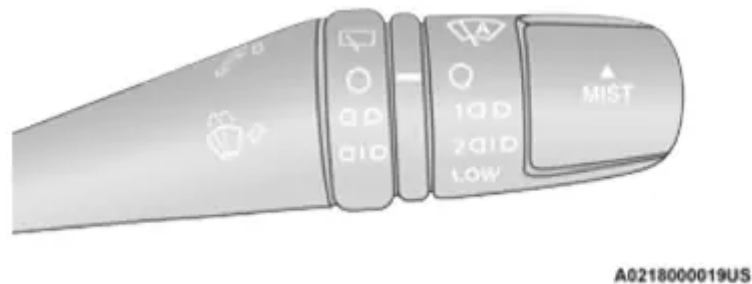
- The dome light will illuminate for 27 seconds after the ignition is placed in the OFF position.

- The opening of one of the doors (approximately three minutes).
- After closing a door (approximately 27 seconds).

The dome light timing is disabled when the doors are locked.

## WINDSHIELD WIPERS AND WASHERS

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



**Windshield Wiper Lever**

### 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.

### WINDSHIELD WIPER OPERATION

Rotate the windshield wiper knob to one of the two detent positions for intermittent settings, the third detent for low wiper operation and the fourth for high wiper operation.

### Windshield Washer Operation

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

If the lever is pulled while the wipers are in the off position, the wipers will operate for several wipe 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

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

**NOTE:**

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

For information on wiper care and replacement, see  page 361.

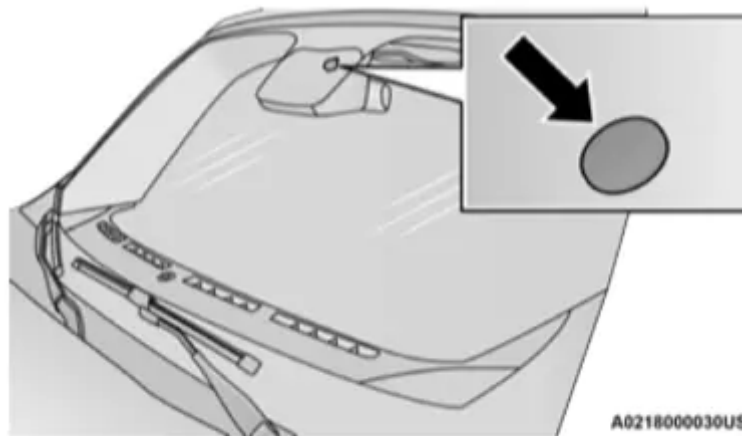
**RAIN SENSING WIPERS — IF EQUIPPED**

This feature senses rain or snow fall on the windshield and automatically activates the wipers. Rotate the end of the multifunction lever to one of two 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 position two is the most sensitive. Place the wiper switch in the O (off) position when not using the system.


**NOTE:**

If the end of the multifunction lever rotates from off to the first intermittent setting or from the first intermittent setting to the second intermittent setting, the wipers will perform a round up to clean the windshield.



**Rain Sensor**

**NOTE:**

- The Rain Sensing feature will not operate when the wiper switch is in the low or high-speed position.
- The Rain Sensing feature may not function properly when ice, or dried salt water is present on the windshield.
- Use of Rain-X or products containing wax or silicone may reduce Rain Sensing performance.
- The Rain Sensing feature can be turned on and off through Uconnect Settings  page 157.

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

- Change In Ignition Position — If the vehicle is in Rain Sensing mode and the ignition is cycled from OFF to ON, the auto wiper will be suppressed until vehicle speed is greater than 3 mph (5 km/h), or the wiper switch is moved out of and back into the Intermittent wipe position.
- Transmission In NEUTRAL Position — The Rain Sensing system will not operate if the NEUTRAL gear is selected at speeds of 3 mph (5 km/h) or less unless the wiper switch is moved or the gear selector is moved out of NEUTRAL.
- Remote Start Mode Inhibit — On vehicles equipped with Remote Starting system, Rain Sensing wipers are not operational when the vehicle is in the remote start mode. Once the operator is in the vehicle and has placed the ignition switch in the ON/RUN position, Rain Sensing wiper operation can resume, if it has been selected, and no other inhibit conditions (mentioned previously) exist.

## REAR WINDOW WIPER/WASHER

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

### NOTE:

If the front wiper is moving and the vehicle is shifted in REVERSE, the rear wiper will perform one round up to clean the rear window.



Rotate the center portion of the lever upward to the first detent for intermittent operation and to the second detent for continuous rear wiper operation. If the front wiper is set to Automatic Mode (on the wiper lever as well as enabled through Uconnect Settings), placing the rear wiper in an intermittent position will cause the front and rear wipers to sync up. Turning the front wipers off will cause the rear wipers to also stop.



To use the washer, push the lever forward and hold while spray is desired. If the lever is pushed while the wiper is in the off position, the wiper will operate for several wipe cycles, then turn off.

If the lever is pushed while in the intermittent setting, the wiper will turn on and operate for several wipe cycles after the end of the lever is released, and then resume the intermittent interval previously selected.

**NOTE:**

As a protective measure, the pump will stop if the switch is held for more than 30 seconds. Once the lever is released, the pump will resume normal operation.

**CAUTION!**

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

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

**WINDSHIELD WIPER DE-ICER — IF EQUIPPED**

Your vehicle may be equipped with a Windshield Wiper De-Icer feature that may be activated under the following conditions:


- Activation By Front Defrost — The Windshield Wiper De-Icer will be activated automatically in the case of a cold weather manual start with full front defrost, and the ambient temperature is below 40°F (4.4°C).
- Activation By Rear Defrost — The Windshield Wiper De-Icer will be activated automatically when the rear defrost is turned on and the ambient temperature is below 40°F (4.4°C).
- Activation By Remote Start Operation — When Remote Start is active and the outside ambient temperature is less than 40°F (4.4°C), the Windshield Wiper De-Icer will be enabled. Upon exiting remote start mode the Windshield Wiper De-Icer will remain on.

Remote Start Operation can be enabled or disabled within Uconnect Settings  page 157.

**Auto-On Rear Window Defroster/Windshield Wiper De-Icer — If Equipped**

When placing the vehicle's ignition in the ON/RUN position, the Rear Window Defroster and Windshield Wiper De-Icer will automatically turn on when the outside ambient temperature is less than 40°F (4.4°C).

The Rear Window Defroster and Windshield Wiper De-Icer automatically turn off after approximately 20 minutes. To manually shut the defroster/windshield off, push the Rear Defrost button.

Auto On can be enabled or disabled through the Uconnect Settings  page 157.

# STARTING AND OPERATING

## STARTING THE ENGINE

Before starting your vehicle, adjust your seat, adjust the inside and outside mirrors, fasten your seat belt, and if present, instruct all other occupants to buckle their seat belts.

### WARNING!

- Never leave children alone in a vehicle, or with access to an unlocked vehicle.
- Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition in the ON or RUN mode. A child could operate power windows, other controls, or move the vehicle.

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

Proceed as follows:

1. Set the Electric Park Brake (EPB) and put the gear selector in the PARK or NEUTRAL position.
2. Press on the brake pedal, without pressing the accelerator.
3. Place the ignition in the START mode and release it as soon as the engine is started.
4. If the engine does not start, place the ignition in the OFF mode and wait 10-15 seconds before attempting to restart the engine.

### TIP START FEATURE

Do not press the accelerator. Place the ignition switch briefly to the START mode and release it. The starter motor will continue to run but will automatically disengage when the engine is running.


### IF ENGINE FAILS TO START

#### 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.

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

## **WARNING!**

- Never pour fuel or other flammable liquid into the throttle body air inlet opening in an attempt to start the vehicle. This could result in flash fire causing serious personal injury.
- Do not attempt to push or tow your vehicle to get it started. Vehicles equipped with an automatic transmission cannot be started this way. Unburned fuel could enter the catalytic converter and once the engine has started, ignite and damage the converter and vehicle.
- If the vehicle has a discharged battery, booster cables may be used to obtain a start from a booster battery or the battery in another vehicle. This type of start can be dangerous if done improperly  page 338.

## **CAUTION!**

To prevent damage to the starter, do not continuously crank the engine for more than 25 seconds at a time. Wait 60 seconds before trying again.

## **COLD WEATHER OPERATION**

To ensure reliable starting under extreme cold conditions an externally powered electric block heater (if equipped) is required for the 1.3L Turbo engine below -20°F (-29°C) and for the 2.4L engine below -31°F (-35°C) and is recommended for the 2.4L engine below -20°F (-29°C).

To prevent possible engine damage while starting at low temperatures, this vehicle will inhibit engine cranking when the ambient temperature is less than -20°F (-29°C) for the 1.3L Turbo engine, and -31°F (-35°C) for the 2.4L engine, and the oil temperature sensor reading indicates an engine block heater has not been used. The message “plug in engine heater” will be displayed in the instrument cluster when the ambient temperature is below -4°F (-20°C) at the time the engine is shut off as a reminder to avoid possible crank delays at the next cold start.

## **EXTENDED PARK STARTING**

### **NOTE:**

Extended Park condition occurs when the vehicle has not been started or driven for at least 30 days.

1. Install a battery charger or jumper cables to the battery to ensure a full battery charge during the crank cycle.
2. Place the ignition in the START mode and release it when the engine starts.
3. If the engine fails to start within 10 to 15 seconds, place the ignition in the OFF mode, wait five 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 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.

### **AFTER STARTING — WARMING UP THE ENGINE**

Proceed as follows:

- Travel slowly, letting the engine run at a reduced RPM, without accelerating suddenly.
- It is recommended to wait until the engine coolant temperature gauge starts to rise for maximum performance.

### **STOPPING THE ENGINE**

To shut off the engine with vehicle speed greater than 5 mph (8 km/h), you must push and hold the ignition or push the START/STOP button three times consecutively within a few seconds. The engine will shut down, and the ignition will be placed in the RUN position.

Turning off the car (cycle the ignition from the RUN mode to the OFF mode), the power supply to the accessories are maintained for a period of three minutes.

#### **NOTE:**

If the vehicle fails to shut off using the ignition  page 76.

Opening the driver side door with the ignition in RUN will sound a short chime that reminds the driver to place the ignition to OFF.

When the ignition is in the OFF mode, the window switches remain active for three minutes. Opening a front door will cancel this function.

After severe driving, idle the engine to allow the temperature inside the engine compartment to cool before shutting off the engine.

### **TURBOCHARGER “COOL DOWN” — IF EQUIPPED**


This vehicle is equipped with an after-run pump to cool the turbocharger after the engine is shut off. Depending on the type of driving and the amount of cargo, the pump will run for up to 10 minutes after the engine has been shut off to circulate coolant through the turbocharger. Although the pump is rubber-mounted for quiet operation, it is normal to hear it running during this time.

### **ENGINE BREAK-IN RECOMMENDATIONS**

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

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

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

The engine oil installed in the engine at the factory is a high-quality energy conserving type lubricant. Oil changes should be consistent with anticipated climate conditions under which vehicle operations will occur. For the recommended viscosity and quality grades  page 415.

### **CAUTION!**

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

### **NOTE:**

A new engine may consume some oil during its first few thousand miles (kilometers) of operation. This should be considered a normal part of the break-in and not interpreted as a problem.

## **ELECTRIC PARK BRAKE (EPB)**

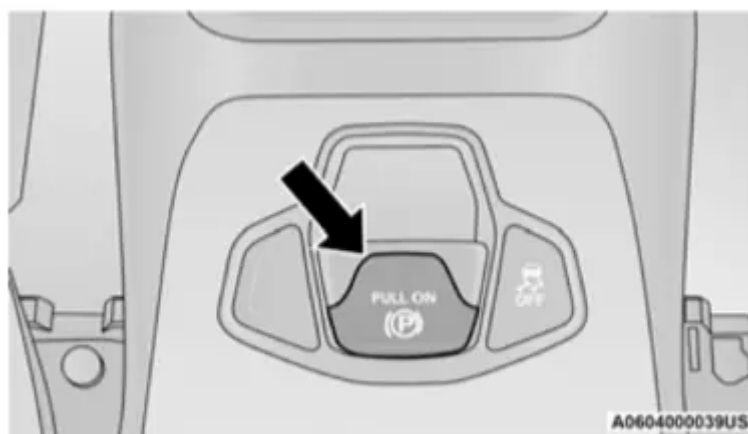
Your vehicle is equipped with an Electric Park Brake (EPB) System that offers simple operation, and some additional features that make the parking brake more convenient and useful.

The parking brake is primarily intended to prevent the vehicle from rolling while parked. Before leaving the vehicle, make sure that the parking brake is applied. Also, be certain to leave the transmission in PARK.

The EPB switch is located in the center console.

You can engage the EPB in two ways:

- Manually, by applying the parking brake switch.
- Automatically, by enabling the Auto Park Brake feature in the customer programmable features section of the Uconnect settings or in “Safe Hold” conditions.



**Electric Park Brake Switch**

To apply the EPB manually, pull up on the switch momentarily. You may hear a sound from the back of the vehicle while the EPB 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 EPB, you may notice a small amount of brake pedal movement.

The EPB can be applied even when the ignition is in the OFF mode however, it can only be released when the ignition is in the RUN mode.

**NOTE:**

The EPB fault lamp 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 Auto Park Brake feature is enabled, the EPB will automatically engage whenever the transmission is moved into PARK when the ignition switch is in the STOP/OFF position. If your foot is on the brake pedal, you may notice a small amount of brake pedal movement while the EPB is engaging.

The EPB will be automatically released if the driver's seat belt is buckled (only in case of automatic transmission) and driver's intention to start (in forward or reverse direction) is recognized by the system.

To release the EPB manually, the ignition must be in the RUN mode. 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 EPB 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 EPB 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 EPB should always be applied whenever the driver is not in the vehicle.

**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 transmission gear selector.



- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition in the ON or RUN mode. A child could operate power windows, other controls, or move the vehicle.
- Be sure the parking brake is fully disengaged before driving; failure to do so can lead to brake failure and a collision.
- Always fully apply the parking brake when leaving your vehicle, or it may roll and cause damage or injury. Also be certain to leave the transmission in PARK. Failure to do so may allow the vehicle to roll and cause damage or injury

### **CAUTION!**

If the Brake 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 EPB while the vehicle is in motion, maintain upward pressure on the EPB switch for as long as engagement is desired. The Brake Warning Light could illuminate in case the hydraulic system is not available. The rear stop lamps will also be illuminated automatically while the vehicle remains in motion.

To disengage the EPB while the vehicle is in motion, release the switch. If the vehicle is brought to a complete stop using the EPB, when the vehicle reaches approximately 1.9 mph (3 km/h) the EPB 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 fault lamp will illuminate. This may be accompanied by the Brake Warning Light flashing. In this status, some EPB functionalities may be deactivated. In this event, urgent service of the EPB system is required. Do not rely on the EPB to hold the vehicle stationary.

### **AUTO PARK BRAKE**

The EPB can be programmed to be applied automatically whenever the vehicle speed is below 1.9 mph (3 km/h) and the automatic transmission is placed in PARK whenever the ignition is in the OFF mode. Auto Park Brake is enabled and disabled by customer selection through the Customer Programmable Features section of the Uconnect Settings.

Any single Auto Park Brake application can be bypassed by pushing the EPB switch to the release position while the transmission is placed in PARK and the ignition is in the RUN mode. In some cases, if the ignition is cycled from ON/RUN to OFF and the gear selector is not firmly locked in the PARK position, EPB applies automatically even if Auto Park Brake has been previously disabled.

### **SAFEHOLD**

SafeHold is a safety feature of the EPB system that will engage the parking brake automatically if the vehicle is left unsecured while the ignition is in the RUN mode.

The EPB will automatically engage if all of the following conditions are met:

- Vehicle speed is below 1.9 mph (3 km/h).
- There is no attempt to press the brake pedal or accelerator pedal.
- The seat belt is unbuckled.
- The driver door is open.
- The vehicle is not in the PARK position.

SafeHold can be temporarily bypassed by pushing the EPB Switch while the driver door is open and the brake pedal is pressed. Once manually bypassed, SafeHold will be enabled again once the vehicle reaches 12 mph (20 km/h) or the ignition is placed to the OFF mode and back to RUN again.

### **BRAKE SERVICE MODE**

We recommend having your brakes serviced by an authorized dealer. You should only make repairs for which you have the knowledge and the right equipment. You should only enter Brake Service Mode during brake service.

When servicing your rear brakes, it may be necessary for you or your technician to push the rear piston into the rear caliper bore. With the EPB system, this can only be done after retracting the EPB actuator. The actuator retraction can be done easily by entering the Brake Service Mode. This menu based system will guide you through the steps necessary to retract the EPB actuator in order to perform rear brake service.

Service Mode has requirements that must be met in order to be activated:

- The vehicle must be at a standstill.
- The parking brake must be disabled.
- The transmission must be in park or neutral.
- The EPB switch not activated.
- The vehicle in ignition RUN mode.
- The brake pedal not pressed.

While in service mode, the EPB fault lamp will flash continuously while the ignition is in the RUN mode.

### **NOTE:**

A dedicated message will appear in the instrument cluster if Brake Service Mode cannot be activated.

When brake service work is complete, the following steps must be followed to reset the parking brake system to normal operation:

- Ensure the vehicle is at a standstill.
- Press the brake pedal with moderate force.
- Apply the EPB Switch.


**NOTE:**

A dedicated message will appear in the instrument cluster if Brake Service Mode cannot be deactivated.

**WARNING!**

You can be badly injured working on or around a motor vehicle. Do only that service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

## **NINE-SPEED AUTOMATIC TRANSMISSION**

The transmission gear range (PRND) is displayed beside the gear selector and in the instrument cluster display. To select a gear range, push the lock button on the gear selector and move the selector rearward or forward. You must also press the brake pedal to shift the transmission out of PARK, or to shift from NEUTRAL into DRIVE or REVERSE when the vehicle is stopped or moving at low speeds  page 106. Select the DRIVE range for normal driving.

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).

**WARNING!**

- It is dangerous to shift out of PARK or NEUTRAL if the engine speed is higher than idle speed. If your foot is not firmly pressing the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and your foot is firmly pressing the brake pedal.
- Unintended movement of a vehicle could injure those in or near the vehicle. As with all vehicles, you should never exit a vehicle while the engine is running. Before exiting a vehicle, always come to a complete stop, then apply the parking brake, shift the transmission into PARK, and turn the ignition OFF. When the ignition is in the OFF mode, the transmission is locked in PARK, securing the vehicle against unwanted movement.
- When leaving the vehicle, always make sure the ignition is in the OFF mode, remove the key fob from the vehicle, and lock the vehicle.

- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the transmission gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition in the ON or RUN mode. A child could operate power windows, other controls, or move the vehicle.

### **CAUTION!**

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

### **NOTE:**

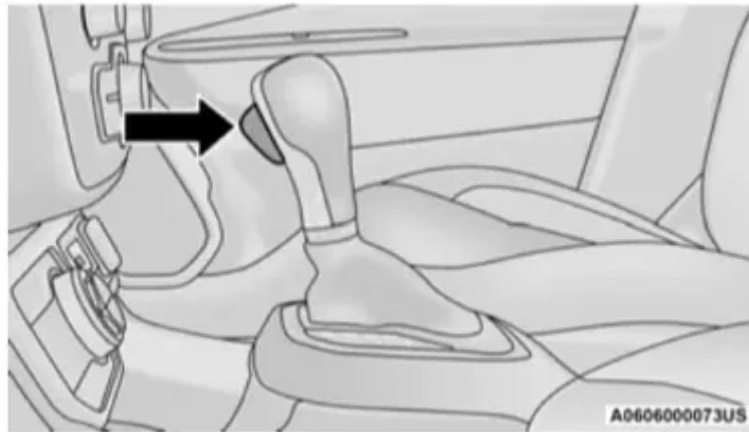
You must press and hold the brake pedal while shifting out of PARK.

### **GEAR SELECTOR**

The transmission gear selector has PARK, REVERSE, NEUTRAL, DRIVE, and AutoStick (+/-) shift positions. Manual shifts can be made using the AutoStick shift control. Toggling the gear selector forward (-) or rearward (+) while in the AutoStick position (beside the DRIVE position) will manually select the transmission gear, and will display the current gear in the instrument cluster as 1, 2, 3, etc.

### **NOTE:**

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



**Gear Selector Lock Button**

This transmission has been developed to meet the needs of FCA current and future lineup of FWD/ AWD vehicles. Software and calibration is refined to optimize the customer's driving experience and fuel economy. By design, some vehicle and drive-line combinations utilize NINTH gear only in very specific driving situations and conditions.

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.

DO NOT press the accelerator pedal when shifting from PARK or NEUTRAL into another gear range.

**CAUTION!**

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.

**GEAR RANGES**

**PARK (P)**

This range supplements the Electric Park Brake (EPB) by locking the transmission. The engine can be started in this range. Never attempt to use PARK while the vehicle is in motion.

When parking on a hill, apply the EPB before shifting the transmission to PARK, otherwise the load on the transmission locking mechanism may make it difficult to move the gear selector out of PARK. As an added precaution, turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade.

When exiting the vehicle, always:

- Apply the parking brake.
- Shift the transmission into PARK.
- Turn the ignition OFF.
- Remove the key fob from the vehicle.



## WARNING!

- Never use the PARK position as a substitute for the parking brake. Always apply the parking brake fully when exiting the vehicle to guard against vehicle movement and possible injury or damage.
- Your vehicle could move and injure you and others if it is not in PARK. Check by trying to move the transmission gear selector out of PARK with the brake pedal released. Make sure the transmission is in PARK before exiting the vehicle.
- The transmission may not engage PARK if the vehicle is moving. Always bring the vehicle to a complete stop before shifting to PARK, and verify that the transmission gear position indicator solidly indicates PARK (P) without blinking. Ensure that the vehicle is completely stopped, and the PARK position is properly indicated, before exiting the vehicle.
- The transmission may not engage PARK if the vehicle is moving. Always bring the vehicle to a complete stop before shifting to PARK, and verify that the transmission gear position indicator solidly indicates PARK (P) without blinking. Ensure that the vehicle is completely stopped, and the PARK position is properly indicated, before exiting the vehicle.
- It is dangerous to shift out of PARK or NEUTRAL if the engine speed is higher than idle speed. If your foot is not firmly pressing the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally (or stopped) 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 or the propulsion system is active. Before exiting a vehicle, always come to a complete stop, then apply the parking brake, shift the transmission into PARK, and turn the ignition OFF. When the ignition is in the OFF mode, the transmission is locked in PARK, securing the vehicle against unwanted movement.
- When leaving the vehicle, always make sure the ignition is in the OFF mode, remove the key fob from the vehicle, and lock the vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the transmission gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition in the ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.

## **CAUTION!**

- Before moving the transmission gear selector out of PARK, you must turn the ignition to the ON/RUN mode, and also press the brake pedal. Otherwise, damage to the gear selector could result.
- DO NOT race the engine when shifting from PARK or NEUTRAL into another gear range, as this can damage the drivetrain.

The following indicators should be used to ensure that you have properly engaged the transmission into the PARK position:

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

## **REVERSE (R)**

This range is for moving the vehicle backward. Shift into REVERSE only after the vehicle has come to a complete stop.

## **NEUTRAL (N)**

Use this range when the vehicle is standing for prolonged periods with the engine running. The engine may be started in this range. Apply the Electronic Parking Brake and shift the transmission into PARK if you must exit the vehicle.

## **WARNING!**

Do not coast in NEUTRAL and never turn off the ignition to coast down a hill. These are unsafe practices that limit your response to changing traffic or road conditions. You might lose control of the vehicle and have a collision.

## **CAUTION!**

Towing the vehicle, coasting, or driving for any other reason with the transmission in NEUTRAL can cause severe transmission damage.

For Recreational Towing  page 152.

For Towing A Disabled Vehicle  page 344.

## **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.

If the transmission temperature exceeds normal operating limits, the transmission controller may modify the transmission shift schedule, reduce engine torque, and/or expand the range of torque converter clutch engagement. This is done to prevent transmission damage due to overheating.

If the transmission becomes extremely hot, the “Transmission Temperature Warning Light” may illuminate and the transmission may operate differently until the transmission cools down.

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, and shifts into EIGHTH or NINTH gear, are inhibited until the transmission fluid is warm. Normal operation will resume once the transmission temperature has risen to a suitable level.

### **AutoStick**

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

### **Operation**

When the gear selector is in the AutoStick position (beside the DRIVE position), it can be moved forward and rearward. This allows the driver to manually select the transmission gear being used. Moving the gear selector forward (-) triggers a downshift, and rearward (+) an upshift. The current gear is displayed in the instrument cluster.

### **NOTE:**

In AutoStick mode, the transmission will only shift up or down when the driver moves the gear selector rearward (+) or forward (-), except as described below:

- The transmission will automatically upshift when necessary to prevent engine overspeed.
- 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 or SECOND gear (depending on model) 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. Starting out in SECOND gear can be helpful in snow or icy conditions. Tap the gear selector forward or rearward to select the desired gear after the vehicle is brought to a stop.
- 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.
- Avoid using Cruise Control when AutoStick is engaged because the transmission will not shift automatically.
- 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.

To disengage AutoStick mode, return the gear selector to the DRIVE position. You can shift in or out of the AutoStick position 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.

**TRANSMISSION LIMP HOME MODE**

Transmission function is electronically monitored 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 a fixed gear, or may remain in neutral. The Malfunction Indicator Light (MIL) may be illuminated.

Limp Home Mode may allow the vehicle to be driven to an authorized dealer for service without damaging the transmission.

In the event of a momentary problem, the transmission can be reset to regain all forward gears by performing the following steps:

1. Stop the vehicle.
2. Shift the transmission into PARK, if possible. If not, shift the transmission to NEUTRAL.
3. Push and hold the ignition switch until the engine turns off.
4. Wait approximately 30 seconds.
5. Restart the engine.
6. Shift into the desired gear range. If the problem is no longer detected, the transmission will return to normal operation.

**NOTE:**



Even if the transmission can be reset, we recommend that you visit an authorized dealer at your earliest possible convenience. An authorized dealer has diagnostic equipment to determine if the problem could recur. If the transmission cannot be reset, authorized dealer service is required.

### **IGNITION PARK INTERLOCK**

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

### **BRAKE/TRANSMISSION SHIFT INTERLOCK (BTSI) SYSTEM**

This vehicle is equipped with a BTSI that holds the transmission gear selector in PARK unless the brakes are applied.

To shift the transmission out of PARK, the ignition must be in the RUN mode (engine running or not) and the brake pedal must be pressed.

The brake pedal must also be pressed before pushing the button on the gear selector to shift from NEUTRAL into DRIVE or REVERSE when the vehicle is stopped or moving at low speeds.

### **FOUR WHEEL DRIVE**

#### **Jeep Active Drive (4WD) And Jeep Active Drive Low (4WD LOW)**

Your vehicle may be equipped with a Power Transfer Unit (PTU). This system is automatic with no driver inputs or additional driving skills required. Under normal driving conditions, the front wheels provide most of the traction. If the front wheels begin to lose traction, power is shifted automatically to the rear wheels. The greater the front wheel traction loss, the greater the power transfer to the rear wheels.

Additionally, on dry pavement under heavy throttle input (where one may have no wheel spin), torque will be sent to the rear in a preemptive effort to improve vehicle launch and performance characteristics.

#### **CAUTION!**

All wheels must have the same size and type tires. Unequal tire sizes must not be used. Unequal tire size may cause failure of the power transfer unit.

#### **FOUR-WHEEL DRIVE (4WD)**

The four-wheel drive (4WD) is fully automatic in normal driving mode.

#### **NOTE:**

It is not possible to carry out the change of mode when the vehicle exceeds the speed of 75 mph (120 km/h).

#### **Enabling Four-Wheel Drive (4WD)**



The buttons for the activation of four-wheel drive are located on the Selec-Terrain switch and allow you to select the following:

- 4WD LOCK
- 4WD LOW — (Trailhawk models only)

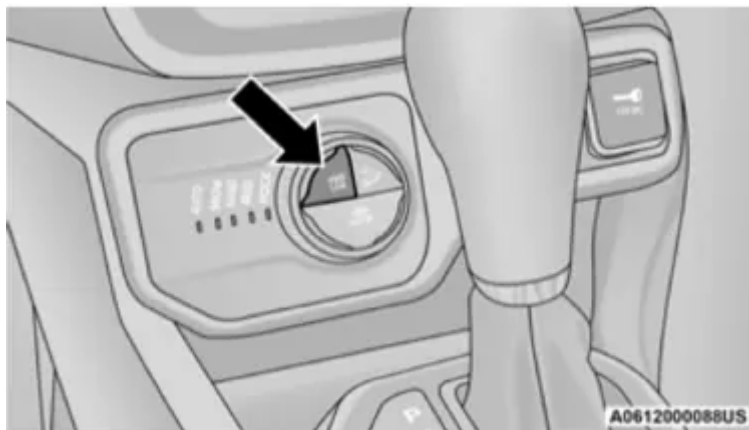


**4WD LOCK Button**

The Power Transfer Unit (PTU) is locked to ensure immediate availability of torque to the rear drive axles. This feature is selectable in AUTO mode and automatic in the other driving mode. 4WD LOCK can be enabled by the following ways:

- When the 4WD LOCK button is pushed.
- When the Selec-Terrain switch is rotated from AUTO to any other off-road modes.

#### **Active Drive With Low Control — (Trailhawk Models Only)**



**4WD LOW Button (Trailhawk)**

The 4WD LOW mode helps to improve the off-road performance in all modes.

To enable 4WD LOW, please follow the steps below:

#### **Enabling 4WD LOW**

With the vehicle stationary, the ignition in RUN mode or with the engine running, shift the transmission into NEUTRAL and push the 4WD LOW button once. The instrument cluster will display the message "4WD LOW" once the shift is complete.

**NOTE:**

- Both LOCK and LOW LED lights will blink and then become active on the Selec-Terrain switch until the shift is complete.
- The instrument cluster display will illuminate the "4WD LOW" icon.

**Disabling 4WD LOW**

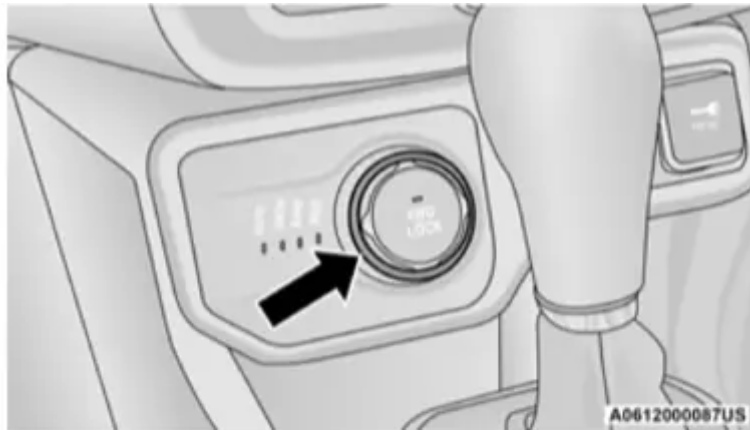
To disable the 4WD LOW mode, the vehicle must be stationary and the transmission shifted into NEUTRAL. Push the 4WD LOW button once.

**SELEC-TERRAIN**

Selec-Terrain combines the capabilities of the vehicle control systems, along with driver input, to provide the best performance for all terrains.

**MODE SELECTION GUIDE**

Rotate the Selec-Terrain knob to select the desired mode.



**Selec-Terrain Switch**



**Selec-Terrain Switch (Trailhawk)**


- **AUTO:** This four-wheel drive operation is a continuous operation, is fully automatic and can be used on and off-road. This mode balances traction to ensure maneuverability and acceleration improvement compared to a vehicle with two-wheel drive. This mode also



reduces fuel consumption, since it allows the disconnect of the drive shaft where conditions permit.

- **SNOW:** This mode allows you to have greater stability under conditions of bad weather. It's used on and off-road and on surfaces with poor traction, such as roads covered with snow. When in SNOW mode (depending on certain operating conditions), the transmission will use SECOND gear (rather than FIRST gear) during launches, to minimize wheel slippage, except for in 4WD Low (Trailhawk models only).
- **SAND:** For off-road driving or use on surfaces with poor traction, such as sandy bottoms. The transmission is set to provide maximum traction. This mode allows more wheel spin and higher shift points to help motor through loose areas.
- **MUD:** For off-road driving or use on surfaces with poor traction, such as roads covered by mud or wet grass.
- **ROCK (Trailhawk only):** This mode is only available in 4WD Low range. The device sets the vehicle to maximize traction and allow the highest steering capacity for off-road surfaces. This mode gives you the maximum performance off-road. Use for low speed obstacles such as large rocks, deep ruts, etc.

**NOTE:**

- ROCK mode is only available on the vehicles equipped with the Trailhawk package.
- Activate the Hill Descent Control or Selec-Speed Control for steep downhill control   
page 270.

## **ACTIVE GRILLE SHUTTERS — IF EQUIPPED**

Your vehicle may be equipped with Active Grille Shutters. Active Grille Shutters is an automatic system with mobile flaps applied in front of the cooling module that aims to improve vehicle aerodynamic efficiency with its automatic opening/closing movement.

The opening/closing movement of the Active Grill Shutters reduces consumption while ensuring optimal engine operating temperature conditions.

When a greater air flow is required for cooling (e.g. when driving in urban traffic) the flaps open, whereas when temperature is low or air flow is enough (example when driving on highways), the flaps close.

If there is a failure detected, the instrument panel will illuminate the Engine Check/ Malfunction Indicator Warning Light.

## **POWER STEERING**

The electric power steering system will provide increased vehicle response and ease of maneuverability. The power steering system adapts to different driving conditions.

**WARNING!**



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

If the “SERVICE POWER STEERING” OR “POWER STEERING ASSIST OFF - SERVICE SYSTEM” message and a steering wheel icon are displayed on the instrument cluster screen, it indicates that the vehicle needs to be taken to the dealer for service. It is likely the vehicle has lost power steering assistance Ú page 76.

**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.

## **STOP/START SYSTEM**

The Stop/Start function was 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.

### **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 and if all other conditions are met, can go into a STOP/START AUTOSTOP ACTIVE “Autostop” mode.

#### **To Activate The Autostop Mode, The Following Must Occur:**

- The system must be in STOP/START READY state. A STOP/START READY message will be displayed in the instrument cluster display within the Stop/Start section Ú page 76.
- 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 set to MAX A/C.
- Engine has not reached normal operating temperature.
- The transmission is not in a forward gear.
- Hood is open.
- Vehicle is in 4WD Low transfer case mode if (equipped with 4WD).
- Brake pedal is not pressed with sufficient pressure with vehicle in DRIVE position.
- Accelerator pedal input.
- Engine temp too high.
- 5mph (8 km/h) threshold not achieved from previous AUTOSTOP.
- Steering angle beyond threshold.

It may be possible for the vehicle to be driven several times without the Stop/Start system going into a STOP/START READY state under more extreme conditions of the items listed above.

## **TO START THE ENGINE WHILE IN AUTOSTOP MODE**

While in a forward gear, the engine will start when the brake pedal is released or the throttle pedal is 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 gear selector is moved out of DRIVE except in the PARK and NEUTRAL position.
- 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.
- WD system is put into 4WD Low mode (if equipped with 4WD)

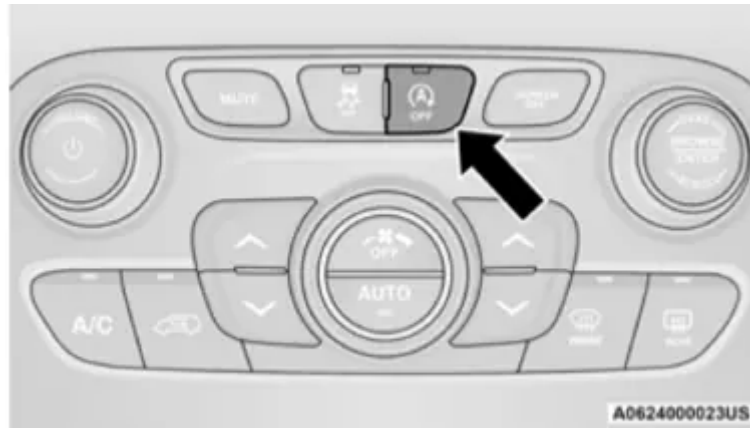
### **Conditions That Force An Application Of The Electric Park Brake While In Autostop Mode:**

- The driver's door is open and brake pedal released.

- The driver's door is open and the driver's seat belt is unbuckled.
- The engine hood has been opened.
- A Stop/Start system error occurs.

If the Electric Park Brake is applied with the engine off, the engine may require a manual restart and the Electric Park Brake may require a manual release (press brake pedal and push Electric Park Brake switch) ➔ page 76.

## TO MANUALLY TURN OFF THE STOP/ START SYSTEM



**Stop/Start OFF Switch**

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 76.

### NOTE:

The Stop/Start system will reset itself back to an ON condition every time the ignition is turned off and back on.

## TO MANUALLY TURN ON THE STOP/ START SYSTEM

Push the Stop/Start OFF switch (located on the switch bank). The light on the switch will turn off.

### SYSTEM MALFUNCTION

If there is a malfunction in the Stop/Start system, the system will not shut down the engine. A “SERVICE STOP/START SYSTEM” message will appear in the instrument cluster display ➔ page 76.

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

## CRUISE CONTROL SYSTEMS — IF EQUIPPED

Your vehicle may be equipped with the Cruise Control system, or the Adaptive Cruise Control (ACC) system:

- Cruise Control for cruising at a constant preset speed.
- Adaptive Cruise Control (ACC) for maintaining a set distance between you and the vehicle ahead using Fixed Speed Cruise Control to automatically adjust the preset speed.

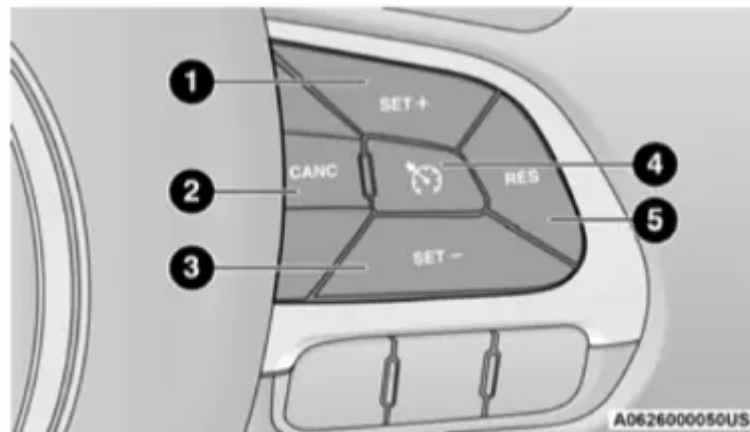
### NOTE:

In vehicles equipped with ACC, if an ACC distance is not set, Fixed Speed Cruise Control will not detect vehicles directly ahead of you. Always be aware of the mode selected.

## CRUISE CONTROL — IF EQUIPPED

When engaged, the Cruise Control takes over accelerator operations at speeds greater than 20 mph (40 km/h).

The Cruise Control buttons are located on the right side of the steering wheel.



**Cruise Control Buttons**

- 1 — SET (+)/Accel
- 2 — CANC/Cancel
- 3 — SET (-)/Decel
- 4 — On/Off
- 5 — RES/Resume

### NOTE:

- In order to ensure proper operation, the Cruise Control system has been designed to shut down if multiple Cruise Control functions are operated at the same time. If this occurs, the Cruise Control system can be reactivated by pushing the Cruise Control on/off button and resetting the desired vehicle set speed.

- The Cruise Control function will not work in 4WD Low.

## **WARNING!**

Cruise Control can be dangerous where the system cannot maintain a constant speed. Your vehicle could go too fast for the conditions, and you could lose control and have an accident. Do not use Cruise Control in heavy traffic or on roads that are winding, icy, snow-covered or slippery.

## **Activation**

Push the on/off button to activate the Cruise Control. The Cruise Indicator Light in the instrument cluster display will illuminate. To turn the system off, push the on/off button a second time. The Cruise Indicator Light will turn off. The system should be turned off when not in use.

## **WARNING!**

Leaving the Cruise Control system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have an accident. Always leave the system OFF when you are not using it.

## **Setting A Desired Speed**

Turn the Cruise Control on. When the vehicle has reached the desired speed, push and release the SET (+) or SET (-) button. Release the accelerator and the vehicle will operate at the selected speed. The Cruise Indicator Light, along with set speed will also appear and stay on in the instrument cluster when the speed is set.

## **To Vary The Speed Setting**

### **To Increase Or Decrease The Set Speed**

When the Cruise Control is set, you can increase speed by pushing the SET (+) button, or decrease speed by pushing the SET (-) button.

#### *U.S. Speed (mph)*

- Pushing the SET (+), or SET (-) button once will result in a 1 mph speed adjustment. Each subsequent tap of the button results in an adjustment of 1 mph.
- If the button is continually pushed, the set speed will continue to adjust until the button is released, then the new set speed will be established.

#### *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 until the button is released, then the new set speed will be established.

## **Accelerating For Passing**

Press the accelerator as you would normally.

When the pedal is released, the vehicle will return to the set speed.

### Using Cruise Control On Hills

The transmission may downshift on hills to maintain the vehicle set speed.

The Cruise Control system maintains speed up and down hills. A slight speed change on moderate hills is normal. On steep hills, a greater speed loss or gain may occur so it may be preferable to drive without Cruise Control.

### **WARNING!**

Cruise Control can be dangerous where the system cannot maintain a constant speed. Your vehicle could go too fast for the conditions, and you could lose control and have an accident. Do not use Cruise Control in heavy traffic or on roads that are winding, icy, snow-covered or slippery.

### **Resume Speed**


To resume a previously set speed, push the RES button and release. Resume can be used at any speed above 20 mph (32 km/h).

### **Deactivation**

A soft tap on the brake pedal, pushing the CANC button, or normal brake pressure while slowing the vehicle will deactivate the Cruise Control without erasing the set speed from memory.


Pushing the on/off button or placing the ignition in the OFF position erases the set speed from memory

## **ADAPTIVE CRUISE CONTROL (ACC) — IF EQUIPPED**

Adaptive Cruise Control (ACC) increases the driving convenience provided by Cruise Control while traveling on highways and major roadways. However, it is not a safety system and not designed to prevent collisions. The Cruise Control function performs differently if your vehicle is not equipped with ACC  page 112.

ACC will allow you to keep Cruise Control engaged in light to moderate traffic conditions without the constant need to reset your speed. ACC utilizes a radar sensor and a forward facing camera designed to detect a vehicle directly ahead of you to maintain a set speed.

### **NOTE:**

- If the ACC sensor detects a vehicle ahead, ACC will apply limited braking or accelerate (not to exceed the original set speed) automatically to maintain a preset following distance, while matching the speed of the vehicle ahead.
- Any chassis / suspension or tire size modifications to the vehicle will affect the performance of the Adaptive Cruise Control and Forward Collision Warning system.
- Fixed Speed Cruise Control alone (an ACC distance not set) will not detect vehicles directly ahead of you. Always be aware of the mode selected  page 420.

## 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.
  - Does not always fully recognize complex driving conditions, which can result in wrong or missing distance warnings.

You should turn the ACC system off:

- 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 Cruise Control buttons (located on the right side of the steering wheel) operate the ACC system.



**Adaptive Cruise Control Buttons**

1 — SET (+)/Accel

- 2 — CANC/Cancel
- 3 — SET (-)/Decel
- 4 — Distance Setting Decrease
- 5 — Adaptive Cruise Control (ACC) On/Off
- 6 — Fixed Speed Cruise Control On/Off
- 7 — RES/Resume
- 8 — Distance Setting Increase

**NOTE:**

Any chassis/suspension or tire size modifications to the vehicle will affect the performance of the Adaptive Cruise Control and Forward Collision Warning System.

**Adaptive Cruise Control (ACC) Menu**

The instrument cluster display will show the current ACC system settings. The information it displays depends on ACC system status.

Push the Adaptive Cruise Control (ACC) on/off button until one of the following appears in the instrument cluster display:

Adaptive Cruise Control Off

When ACC is deactivated, the display will read "Adaptive Cruise Control Off."

Adaptive Cruise Control Ready

When ACC is activated, but the vehicle speed setting has not been selected, the display will read "Adaptive Cruise Control Ready."

Adaptive Cruise Control Set

When the SET (+) or the SET (-) button is pushed, the display will read "ACC SET."

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

**Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

