



CHRYSLER PACIFICA HYBRID

2019 USER GUIDE



The driver's primary responsibility is the safe operation of the vehicle. Driving while distracted can result in loss of vehicle control, resulting in a collision and personal injury. FCA US LLC strongly recommends that the driver use extreme caution when using any device or feature that may take their attention off the road. Use of any electrical devices, such as cellular telephones, computers, portable radios, vehicle navigation or other devices, by the driver while the vehicle is moving is dangerous and could lead to a serious collision. Texting while driving is also dangerous and should never be done while the vehicle is moving. If you find yourself unable to devote your full attention to vehicle operation, pull off the road to a safe location and stop your vehicle. Some states or provinces prohibit the use of cellular telephones or texting while driving. It is always the driver's responsibility to comply with all local laws.

IMPORTANT: Get warranty and other information online – you can review and print or download a copy of the Owner's Manual, Navigation/Uconnect manuals and the limited warranties provided by FCA US LLC for your vehicle by visiting www.mopar.com (U.S.) or www.owners.mopar.ca (Canada). Click on the applicable link in the "Popular Topics" area of the www.mopar.com (U.S.) or www.owners.mopar.ca (Canada) homepage and follow the instructions to select the applicable year, make and model of your vehicle.

If you are the first registered retail owner of your vehicle, you may obtain a complimentary printed copy of the Warranty Booklet by calling **1-800-247-9753** (U.S.) or **1-800-387-1143** (Canada) or by contacting your dealer.



WARNING: Operating, servicing and maintaining a passenger vehicle or off-road highway motor can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to: www.p65Warnings.ca.gov/passenger-vehicle.

Congratulations on selecting your new FCA US LLC vehicle. Be assured that it represents precision workmanship, distinctive styling, and high quality.

ALWAYS drive safely and pay attention to the road. ALWAYS drive safely with your hands on the steering wheel. You have full responsibility and assume all risks related to the use of the features and applications in this vehicle. Only use the features and applications when it is safe to do so. Failure to do so may result in an accident involving serious injury or death.

This guide illustrates and describes the operation of features and equipment that are either standard or optional on this vehicle. This guide may also include a description of features and equipment that are no longer available or were not ordered on this vehicle. Please disregard any features and equipment described in this guide that are not available on this vehicle. FCA US LLC reserves the right to make changes in design and specifications and/or make additions to or improvements to its products without imposing any obligation upon itself to install them on products previously manufactured.

This User Guide has been prepared to help you quickly become acquainted with the important features of your vehicle. It contains most things you will need to operate and maintain the vehicle, including emergency information.

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

HOW TO FIND YOUR OWNER'S MANUAL ONLINE

This publication has been prepared as a reference item to help you quickly become acquainted with the most important features and processes of your vehicle. It contains most things you will need to operate and maintain the vehicle, including emergency information and procedures.

This User Guide is not a replacement for the full Owner's Manual, and does not fully cover every operation and procedure possible with your vehicle.

For more detailed descriptions of the topics discussed in this User Guide, as well as information covering features and processes not covered in this User Guide, the full vehicle Owner's Manual can be accessed for free online in a printer-friendly PDF format.

To get the full Owner's Manual or applicable supplement for your vehicle, follow the appropriate web address below:

www.mopar.com/en-us/care/owners-manual.html
(U.S. Residents)

www.owners.mopar.ca (Canadian Residents)

FCA US LLC is committed to protecting our environment and natural resources. By converting from paper to electronic delivery for the majority of the user information for your vehicle, together we greatly reduce the demand for tree-based products and lessen the stress on our environment. ♻️

HOW TO USE THIS MANUAL

Essential Information

Each time direction instructions (left/right or forwards/backwards) about the vehicle are given, these must be intended as regarding an occupant in the driver's seat. Special cases not complying with this rule will be properly specified in the text.

The figures in this User Guide are provided by way of example only: this might imply that some details of the image do not correspond to the actual arrangement of your vehicle.

In addition, the User Guide has been conceived considering vehicles with the steering wheel on the left side; it is therefore possible that in vehicles with the steering wheel on the right side, the position or construction of some controls is not exactly mirror-like with respect to the figure.

To identify the chapter with the information needed you can consult the index at the end of this User Guide.

Chapters can be rapidly identified with dedicated graphic tabs, at the side of each odd page. A few pages further there is a key for getting to know the chapter order and the relevant symbols in the tabs.

There is always a textual indication of the current chapter at the side of each even page.

Symbols

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

WARNINGS AND CAUTIONS

While reading this User Guide you will find a series of WARNINGS to be followed to prevent incorrect use of components which could cause accidents or injuries.

There are also CAUTIONS that must be followed to prevent against procedures that could result in damage to your vehicle.

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INSTRUMENT PANEL



Instrument Panel

- 1 – Multifunction Lever
- 2 – Instrument Cluster Display Controls
- 3 – Instrument Cluster
- 4 – Windshield Wiper Lever
- 5 – Charge Indicator
- 6 – Uconnect System

- 7 – Glove Compartment
- 8 – Climate Controls
- 9 – Switch Panel
- 10 – Front Center Stack AUX Jack And USB Ports
- 11 – Electronic Park Brake Switch

- 12 – Gear Selector
- 13 – Ignition
- 14 – Speed Controls
- 15 – Steering Wheel
- 16 – Headlight Switch



INTERIOR



Interior Features

- 1 – Power Window/Door Lock Switches
 - 2 – Door Handles
-

- 3 – Seats
-

HIGH VOLTAGE BATTERY

Your vehicle is equipped with a Lithium-ion high voltage battery that is used to power the electric powertrain systems and the 12 volt vehicle electrical system.

The high voltage battery is located under the middle section of the vehicle, below and in front of the second row seating. The high voltage battery is maintenance free and designed to last for the life of the vehicle.

Lithium-ion batteries provide the following benefits:

- Lithium-ion batteries are much lighter than other types of rechargeable batteries of the same size.
- Lithium-ion batteries hold their charge; they only lose approximately 3 percent of their charge per month.
- Lithium-ion batteries have no memory, which means that you do not have to completely discharge them before recharging, as with some other batteries.
- Lithium-ion batteries can be recharged and discharged thousands of times.

High Voltage Battery Service Disconnect

The High Voltage Battery Service Disconnect is located under the access panel, in front of the second row passenger seating.

If your vehicle requires high voltage battery service, see your authorized dealer.

WARNING!

Never try to remove the high voltage battery service disconnect. The high voltage battery service disconnect is used when your vehicle requires serviced by a trained technician at an authorized dealer. Failure to follow this warning can cause severe burns or electrical shock that may result in serious injury or death.

Disposal of the High Voltage Battery

Your vehicle's high voltage battery is designed to last the life of your vehicle. See your authorized dealer for information on the disposal of the battery if it should require replacement.

NOTE:

- During vehicle start up and shut down a clicking noise may be heard from within the vehicle. When the ignition is in the ON position, the high voltage battery contactors inside the battery are closed to make the stored electricity inside available for vehicle use. The clicking noise heard is the sound of these contactors as they open and close during normal operation.
- In extreme temperatures, high or low, the High Voltage Battery may need to be conditioned and therefore may require the vehicle to be plugged-in. When the vehicle is not plugged-in, the following message, "Plug In Vehicle for Battery Conditioning" might appear in the instrument cluster display. When the High Voltage Battery is not ready to crank the vehicle at start up, due to conditions including extreme temperatures, the message "Battery Conditioning Leave Ignition In Run" will be displayed in the instrument cluster display. Keep the ignition in the ON/RUN position for the battery to recover. Switch the ignition back to the OFF position when the message disappears, and then start the vehicle. When the "Battery Conditioning Leave Ignition in Run" message is displayed on the instrument cluster display, do not operate any air conditioning controls.



- Under cold or hot temperatures, while the vehicle is plugged-in and the ignition is in the OFF position, the vehicle may wake-up to pre-condition the high voltage battery for usage.
- It is recommended that the vehicle be plugged-in over night where possible to maximize the electric range of the vehicle.

The message will only be displayed when the ignition is in the RUN position, or if there was a failed attempt to achieve READY state when the High Voltage Battery cell temperatures are either too cold, or too hot.

HIGH VOLTAGE CHARGING OPERATION

SAE J1772 Charging Inlet

Your vehicle uses an industry standard SAE J1772 charge inlet (vehicle charge inlet) for both AC Level 1 (120V) and AC Level 2 (240V) charging.



Vehicle Charge Inlet

AC Level 1 Charging (120V, 15 Amp)

Your vehicle is equipped with a 120 Volt AC, SAE J1772 Level 1 Electric Vehicle Supply Equipment (EVSE), also referred to as a charging cord set. AC Level 1 charging requires a conventional NEMA 5-15 120 Volt AC grounded wall receptacle along with the portable charging cord set provided with the vehicle.



Portable Charging Cord Set (EVSE)

WARNING!

Shock, fire, property damage, or personal injury may occur if the Portable EVSE Cordset is not used properly. There are no serviceable parts contained in the Portable EVSE Cordset. Any attempt to service it may result in shock, fire, property damage, or personal injury.

To access the portable charging cord set, open the door of the cargo area storage bin, on the driver's side, and remove the charging cord set from the storage bag.

NOTE:

After use, the EVSE should be placed in the carrier bag and put back to the cargo area storage bin.

NOTE:

The portable charging cord set is used for AC Level 1 charging only.

WARNING!

- Read all the instructions before using this product.
- Do not put fingers or objects into the Charge Connector.
- Do not use this product if the flexible power cord or Electric Vehicle (EV) Cable is frayed, broken, has cracked insulation or any other signs of damage.
- Do not use this product if the enclosure or the Charge Connector is broken, cracked, open, or shows any other indication of damage.

WARNING!

- Do not use Portable EVSE Cordset with an extension cord. Use of an extension cord may cause burns, fire, or other damage or injury.
- This device may attempt to reset and run after an interruption.
- There are no user serviceable parts inside the AC Level 1 charging cord set. Do not attempt to repair or service the charging cord set yourself – personal injury may result.
- When using a charging station with the charging cable attached, ensure the cable is not visibly damaged before plugging into the vehicle.
- Do not allow children to operate this device. Adult supervision is mandatory when children are in proximity to a charge station that is in use.
- Do not use a charge station or vehicle receptacle that is worn or damaged with the AC Level 2 charging cable. Plugging into worn or damaged receptacles may cause damage to the EVSE and vehicle.
- Ensure that the EVSEs are always stored in a safe place. Do not expose them to rain or wet conditions. Avoid allowing water or other liq-

WARNING!

uids to pour or drip on the EVSE. If water penetrates the electrical device, the risk of electrical shock increases. Ensure that all plugs and cables are free of moisture before using the EVSEs.

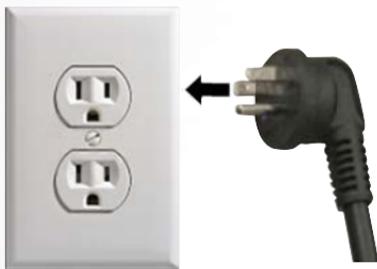
Charging Cordset Operation

1. Plug the AC plug of the charging cordset into a 15 A, or 20 A, 120 VAC, 60 Hz, grounded wall receptacle. Do not use an extension cord, outlet/plug adapter, or a worn outlet. The charging cordset will not operate safely unless it is plugged directly into the wall receptacle.

NOTE:

The EVSE should be plugged into a dedicated circuit, not a circuit shared with other devices drawing electricity on the circuit.





AC Plug And Wall Receptacle

WARNING!

Improper connection of the equipment-grounding conductor could result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the wall receptacle is properly grounded. Do not modify the plug provided with the product – if it does not fit the outlet, you must have a proper outlet installed by a qualified electrician.

2. Check to see if the charging cordset is ready to charge by reviewing the indicator lights. After a brief self-check, where the indicator light will flash, a green AC indicator light and two green “charge active” indicator lights indicate that the cordset is ready for use.



Cordset Indicator Lights

- 1 – AC Power Indicator Light
- 2 – Fault Indicator Light
- 3 – Charge Rate Indicator Lights

3. If the charging cordset is ready to charge, ensure the vehicle is in PARK, and then connect the charge connector to the vehicle’s charge inlet. You will hear a “click” when the charge connector is inserted correctly and coupled with the vehicle’s charge inlet.
4. When the vehicle commences charging, the Charge Active Indicator Lights on the EVSE will cycle from left to right, and then both turn off. This pattern will repeat while the vehicle is charging. The lights are illuminated at the rate of approximately one cycle per second.

NOTE:

The vehicle should start charging automatically. If not, please check the following:

- Charging Cordset - The charging cordset status indicators illuminate green or red to identify the charging cordset status.
- Wall Receptacle – Check whether the wall receptacle is functional (no power outage) and/or plug the charging cordset into a different wall receptacle.
- Charging Schedule – Check whether or not the charging schedules have been enabled. If enabled, check that you are within the sched-

uled time and day of the week. If a charging schedule has been enabled in the vehicle, and it is outside the time and day of the week, you may override the schedule for this charging event by plugging in the charge connector, unplugging it, and then plugging it back into the vehicle charge inlet. Complete the double plug sequence within ten seconds for it to override the set schedule.

5. To stop the charging process, disconnect the vehicle side connector first and then the charging cordset from the wall receptacle. To disengage the vehicle coupler, press the button on the charge connector first and then remove the connector from the vehicle charge inlet.
6. Close the inlet door when an EVSE is not connected to the vehicle.

NOTE:

It is good practice to keep the ignition in the OFF position while conducting Level 1 Charging. This minimizes any additional vehicle loads the EVSE has to support. The additional electrical loads will extend the High Voltage Battery charging time.

AC Level 2 Charging (240V, 30 Amp Or 32 Amp)

AC Level 2 (240 V) charging requires a 240 V, Level 2 EVSE (Charging station). A 30 Amp or 32 Amp Level 2 EVSE for home installation is recommended.

When using public charging stations, ensure the charging station is ready to provide charge and the vehicle is in PARK before the charge connector is plugged into the vehicle's charge inlet. You will hear a "click" when the charge connector is inserted correctly and is coupled with the vehicle's charge inlet. The vehicle should start charging automatically. If not, please check the instructions at the charging station.

NOTE:

The vehicle should start charging automatically. If not, please check the following:

- Charging Station – Check the indications and instructions at the charging station or
- Charging Schedule – Check whether the charging schedule is enabled and if so, whether the vehicle is currently within the scheduled charge time/day (weekday/weekend). If the charging schedule is enabled within the vehicle, you may override them

for this charging event by plugging in the charge connector, unplugging it, and then plugging it back into the vehicle charge inlet. Complete the double plug sequence within ten seconds for it to override the set schedule.

To stop the charging process:

- Press the "STOP" button located on the front of the EVSE station.
- Press the button on the charge connector first and then remove the connector from the vehicle charge inlet.
- Plug the charge handle into the EVSE station and coil the charging cord onto its holder. Do not leave the charging cord laying on the ground.

Charging Times

The following factors determine the time it takes to charge the high voltage battery:

- The high voltage battery's current state of charge
- The type of EVSE used (Level 1 - 120V or Level 2 - 240V)
- Ambient temperature
- Whether the vehicle is ON during charging



NOTE:

- The charging times below are estimates based on charging a high voltage battery that has a <1% SOC value displayed in the instrument cluster.
- Charging times will vary based on the age, condition, state of charge, available current being provided to the charger from its energy source, and temperature of the high voltage battery.
- Charging times may be longer if a thermal self-protection reduces the charging current from the EVSE.
- If the vehicle's ignition is in either the ACC or RUN position, the vehicle charge indicator may not indicate greater than a 99% state of charge, and will continue to charge the vehicle, due to the vehicle loads.

Type of EVSE	Estimated Charge Time
Level 1 (120V/15A)	Approximately 14 hours
Level 2 (240V/30A or 32A)	Approximately 2 hours

Vehicle Charge Indicators**Instrument Cluster High Voltage Battery Display**

There is a battery display indicator located on the instrument cluster. The battery display will display the current state of charge for the high voltage battery; with the percentage value located to the left of the symbol. When plugged in, the battery symbol also gives the battery level along with messages about the charge or whether the system is waiting to charge due to the charge schedule. These will appear unless there is a charging fault. A green plug telltale will be shown in the cluster, as well as applicable messaging when charging.

**High Voltage Battery Gauge****Instrument Panel State Of Charge Indicator**

In addition to the battery display, your vehicle is equipped with a visual state of charge indicator. The state of charge indicator is made up of five lights that are mounted to the top center of the instrument panel, which will illuminate when the vehicle is plugged into the EVSE.

**State Of Charge Indicator**

The state of charge indicator provides a visual indication of the high voltage battery's charge status during charging. It's also used to indicate a charging problem, as well as, waiting for a schedule charge to begin.

NOTE:

The lights scroll one at a time when the vehicle is plugged in outside of its charging schedule time/day of the week, and it is waiting on the schedule to begin charging.

In the event of an error in the charging process the outer two lights will blink.

Number Of Indicator Lights Illuminated	Percent Of Battery Charge
1st light blinks	0 – 20%
1st light ON, second light blinks	21 – 40%
1st and 2nd lights ON, 3rd light blinks	41 – 60%
1st, 2nd, and 3rd light ON, 4th light blinks	61 – 80%
1st, 2nd, 3rd, and 4th light ON, 5th light blinks	81 – 99%
All 5 lights ON	100%
Two outer lights are blinking	Indicates an error in the charging process.

Number Of Indicator Lights Illuminated	Percent Of Battery Charge
Lights turn on one at a time from left to right (when looking at the front of the vehicle)	Indicates system is waiting for scheduled time in charge schedule to begin charging.
All lights light up, and then turn off immediately	Indicates a successful plug-in.

NOTE:

For each segment illuminated to indicate charging, two different blink rates are used. A blink rate on one 1 sec ON/ 1 sec OFF indicates that the first half of the segment is charging. The blink rate will increase to 0.5 sec ON/ 0.5 sec OFF to indicate that the second half of the segment is charging. When the segment is fully charged, the blinking stops and the segment remains illuminated as charging continues.

Hybrid Electric Pages

Within your Uconnect 4C/4C NAV system is the “Hybrid Electric Pages” App that allows you to see your vehicle’s power flow, understand your drive history, and set an EVSE charging schedule for your vehicle’s high voltage battery. To access this app, press the “Apps” button on the main menu bar of the radio’s touch screen, and locate the “Hybrid Electric” App. Pressing the “Hybrid Electric Pages” App brings you to a set of three pages: Power Flow, Driving History, and Charging Schedule.



Hybrid Electric Pages App Location



Power Flow

The first screen within the “Hybrid Electric Pages” App is the Power Flow screen. The Power Flow screen shows the current power readings for all of the following:

- **Engine** - Shows the amount of power (in kW) the engine is generating. Based on vehicle operating conditions, this power is used to: propel the vehicle, provide passenger compartment heating & cooling, power vehicle electrical loads, and charge the High Voltage Battery. Engine operation is controlled to maximize fuel economy.
- **Battery** - Shows the amount of power (in kW) the high voltage battery is currently providing/absorbing. A negative kW indicates the vehicle’s high voltage battery is charging.
- **Climate** - Shows the amount of power (in kW) the climate control system is using to maintain the current interior temperature.



Power Flow Screen

Power Flow paths are indicated by the direction of the arrows on the touchscreen.

Driving History

The second screen in the “Hybrid Electric Pages” App is the Driving History screen. The Driving History screen shows the miles (km) driven in both Full Electric and Hybrid modes for both the previous week and the current week. The data is displayed in a bar graph: Electric Mode in teal and Hybrid Mode in blue.

On the bar graph, miles (km) driven on the same day in Electric mode (battery only) are always shown below miles (km) driven in Hybrid mode.

When one day of the week exceeds 100 miles (160 km) driven, the values of miles (km) driven in Electric and Hybrid modes will be listed above the bar graph in respective colors (teal for Electric and blue for Hybrid).



Driving History Screen

Charging Schedule

The third screen within the “Hybrid Electric Pages” App is the Charging Schedule screen. From this screen you can set when you want your vehicle to charge. To do so, press the check box next to the setting “Enable Schedule” until a check mark appears in the box, from there you can push the ‘Weekdays’ or ‘Weekends’ schedule to adjust the start and end time of desired charging. You can also choose “Charge Until Full” instead of choosing an

end time, allowing the vehicle to continue to charge for an amount of time after the start time until the vehicle is fully charged, as long as the vehicle is plugged in. The Charging Schedule can also be set using the Uconnect App on your smartphone.

NOTE:

If the charging schedule is not enabled, the vehicle will charge whenever plugged in. It is not necessary to set up the charging schedule to charge the vehicle.



Charging Schedule Screen

NOTE:

If the vehicle is plugged in outside of the charging schedule set in the Uconnect 4C radio, the vehicle's battery will not charge. Charging will only begin immediately if the vehicle is plugged in within the time and day of the week set in the schedule. Otherwise, charging will automatically begin when the selected charge time/day of the week occurs or whenever the vehicle is plugged in with no charge schedule set.

If the vehicle is turned off outside of the charging window, a radio pop-up message will be displayed, which provides an option to begin charging the vehicle immediately. The pop-up message asks the driver if they would like to “Charge Now?” and provides other information, including the next charging schedule start time and estimated time to charge the battery to 100%. If within one hour of selecting “Yes,” the vehicle is connected to a powered EVSE, the vehicle will immediately begin to charge (temporarily ignoring any set charge schedule). To fully deactivate the charge schedule, refer to the “Charging Schedule” feature within the “Hybrid Electric Pages” App.

The charging schedule can also be overridden if the EVSE is plugged in, unplugged, and then plugged in a second time to the vehicle. This “double plugged-in” feature will override the schedule that is set in the radio, and begin charging the vehicle immediately. The double plug sequence must be completed within ten seconds for it to override the programmed schedule.

If charge to full is selected, and the vehicle is plugged in after the start time of the schedule, the vehicle will start charging when it reaches the start time the next day. If you would like to begin charging immediately, and continue charging until the vehicle is fully charged, you can select the “Charge Now” option.

KEYS

Key Fob

Your vehicle uses a keyless ignition system. The ignition system consists of a key fob with Remote Keyless Entry (RKE) and a START/STOP push button ignition system. The Remote Keyless Entry system uses a receiver module in the vehicle that wirelessly links with the key fob.



NOTE:

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

This system allows you to lock or unlock the doors and liftgate, activate the Panic Alarm, optional power liftgate, left power sliding door, and right power sliding door from distances up to approximately 66 ft (20 m) using a key fob. When any button on the key fob is pushed, or when any signal is being transferred between the key fob and the vehicle, an LED light on the key fob will flash as an indicator. The key fob does not need to be pointed at the vehicle to activate the system.

NOTE:

The emergency key allows for entry into the vehicle should the battery in the vehicle or the key fob go dead. The emergency key is also for locking/unlocking the glove compartment. You can keep the emergency key with you when valet parking.



Key Fob

- 1 – LED Light
- 2 – Lock
- 3 – Remote Start
- 4 – Right Power Sliding Side Door
- 5 – Panic Alarm
- 6 – Emergency Key
- 7 – Left Power Sliding Side Door
- 8 – Liftgate
- 9 – Unlock

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.

NOTE:

- A low key fob battery condition may be indicated by a message in the instrument cluster display, or by the LED light on the key fob. If the LED key fob light no longer illuminates from key fob button pushes, then the key fob battery requires replacement.
- The key fob LED light brightness is designed for indoor light viewing, so the LED light may not be visible in direct sunlight.

In a situation where the battery is low or fully depleted, a back up method can be used to operate the ignition switch. Put the nose side of the key fob (side opposite of the Emergency Key) against the ENGINE START/STOP button and push to operate the ignition switch.

To Unlock The Doors

NOTE:

Uconnect Settings lets you program the system to unlock either the driver's side doors on the first push (default) or unlock all doors on the first push of the unlock button on the key fob. To change the default setting, refer to "Uconnect Settings" in "Multimedia" in the Owner's Manual for further information.

1st Push Of Key Fob Unlocks

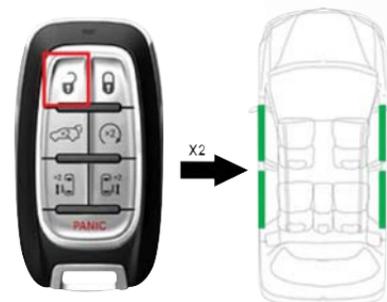
Push and release the unlock button on the key fob once to unlock the driver front door and sliding door or twice within five seconds to unlock all doors and liftgate. The hazard lights will flash to acknowledge the unlock signal. The illuminated entry system will be activated.



First Push Unlock

2nd Push Of Key Fob Unlocks

Push and release the unlock button on the key fob twice within five seconds to unlock all doors and liftgate. The turn signal lights will acknowledge the unlock signal. The illuminated entry system will be activated.



Second Push Unlock

NOTE:

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

Emergency Key Feature

The key fob also contains an emergency key. The emergency key is stored in the bottom of the key fob.





Mechanical Latch To Release Emergency Key

The emergency key allows for entry into the vehicle should the battery in the vehicle or the key fob go dead. The emergency key is also for locking/unlocking the glove compartment. You can keep the emergency key with you when valet parking.

To remove the emergency key, press the mechanical button on the side of the key fob with your thumb and pull the emergency key out with your other hand while pushing the mechanical button.

To Lock The Doors And Liftgate

Push and release the lock button on the key fob to lock all doors and liftgate. The hazard lights will flash once and the horn will chirp once to acknowledge the signal. Settings in radio can change to lights only, chirp only, or both.

Refer to “Keyless Enter-N-Go — Passive Entry” in “Getting To Know Your Vehicle” for further information.

Key Fob With Remote Control And Integrated Vehicle Key

If one or more doors are open or the liftgate is open, the doors can be locked. This is signaled by a quick flash of the turn signals.

Vehicles Equipped With Keyless Enter-N-Go — Passive Entry

If one or more doors are open, or the liftgate is open, the doors can be locked. The doors will unlock again only if the key is inside the passenger compartment.

Request For Additional Remote Controls

NOTE:

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

CAUTION!

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

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

NOTE:

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

KeySense Features — If Equipped

This feature provides the vehicle owner with the ability to customize vehicle settings that can be applied to determine the driving experience for other drivers of the vehicle. The vehicle settings are protected by a unique 4-digit PIN, which the vehicle owner creates when accessing the specific settings for the first time.

This feature also has additional features that are always enabled when the specific key is in use that cannot be set by the vehicle owner. While this specific key fob is in use, the vehicle will respond accordingly to the customized vehicle settings and mandatory features. This includes enhanced driving assistance features, increased driver alerts, and the locking of certain optional features.

KeySense Unique Splash Screen

At start-up the KeySense splash screen should inform the driver that the vehicle will be functioning in KeySense mode when the KeySense key is in use.

Start Up Display Features

- Unique splash screen graphic
- Telltale  illuminated
- After unique splash screen, and after stored messages are cycled, then start-up KeySense messages (Range & Max Speed) are displayed

The following features are always enabled when this key is in use:

- Entertainment Audio Muted if 1st row occupied Seat Belts are not Fastened
- Consistent Seat Belt Unfastened Chime
- Maximum Radio Volume limited to 15 out of 39
- Daytime Running Lights
- Headlights with Wipers
- Rain Sensing Auto Wipers
- Auto Dim High Beams

Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.

General Information

The following regulatory statement applies to all radio frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.



IGNITION SWITCH

This feature allows the driver to start the vehicle with the push of a button, as long as the key fob is in the passenger compartment, and the driver's foot on the brake pedal.

NOTE:

This vehicle is equipped with an automatic shut-down feature. If the vehicle is left in "READY" state (vehicle running) with shifter in "PARK" for one hour, it will automatically turn off the vehicle. Notifications have been designed into this feature to raise awareness of the timed event. The instrument cluster display will display "Ready to drive" accompanied with three audible chimes while exiting. The interior warnings will occur regardless if the key fob remains in the vehicle or is removed. The horn will sound three times if the fob is removed from the vehicle and the ignition state is in "READY" mode. To restart the vehicle, follow the normal process for starting your vehicle.

The Keyless Push Button Ignition has four operating positions; three of which are labeled and will illuminate when in position. The three positions are OFF, ACC, and ON/RUN. The fourth position is START: during start, the RUN indicator will illuminate.

NOTE:

- Pushing ignition Start/Stop button may only activate the Electric Propulsion System and not start the vehicle's engine (if running the engine is not currently required by the Hybrid system). "READY" will show in cluster whenever vehicle is operating in EV (Electric Vehicle) Mode and the vehicle is stationary.
- If the vehicle ignition is in either ACC or RUN, the vehicle charge indicator may not display a value greater than 99% state of charge due to vehicle loads.



Keyless Push Button Ignition

The ignition can be placed in the following positions:

OFF

- The vehicle is stopped.
- Some electrical devices are available.

ACC

- Some electrical devices are available.
- Mechanical power (Vehicle Propulsion) is not available.

ON/RUN

- Driving position.
- All the electrical devices are available.
- As long as the "READY" appears in the instrument cluster display it does not matter if the engine is running or not, vehicle propulsion is available.

NOTE:

Vehicle propulsion is only available after the vehicle has passed through the START position.

Conditions Causing Engine To Run

- Maintaining Hybrid Battery SOC
- Provide Maximum Vehicle Acceleration
- Provide Maximum Passenger Compartment Heating
- Maintain Exhaust System Catalyst Temperature (after engine start in current ignition cycle - emissions requirement)

- Engine Temporarily Operating in "Fuel and Oil Maintenance Mode"
- Hood Opened with Ignition in Run Post-Start Mode (eliminate unexpected engine start-ups)

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



Keyless Push Button Ignition

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 of a vehicle equipped with Keyless Enter-N-Go in the 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. Always remove the key from the ignition and lock all the doors when leaving the vehicle unattended.

NOTE:

If the brake is pressed and the ignition is placed in the RUN position with an EVSE connected to the vehicle, the instrument cluster will not display the Ready state. When the Electric Vehicle Supply Equipment (EVSE) is unplugged from the vehicle, the vehicle will go into the "Ready" state. If the vehicle is not shifted out of Park 30 minutes after being unplugged, the vehicle will disable the "Ready" state. After an additional 30 minutes with no change in Ignition status, the Ignition shall go to OFF and the vehicle shall power down. For further information, refer to "Starting The Vehicle" in "Starting And Operating" for further information.

REMOTE STARTING SYSTEM – IF EQUIPPED**NOTE:**

Remote start on Hybrid while plugged in may not always start the engine.

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

The Remote Starting System also activates the Climate Control, vented seats (if equipped) in temperatures above 80° F (26.7° C), the optional heated seats, optional heated steering wheel, optional heated mirrors and rear defroster in temperatures below 40° F (4.4° C).

NOTE:

- Obstructions between the vehicle and key fob may reduce this range.
- While plugged in the remote start feature for the vehicle may not always start the engine.

How To Use Remote Start

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

- Gear Selector in PARK
- Doors closed
- Hood closed
- Liftgate closed
- Hazard switch off
- Brake switch inactive (brake pedal not pushed)
- 12 volt battery at an acceptable charge level
- Key fob PANIC button not pushed
- System not disabled from previous remote start event
- Vehicle alarm system indicator flashing
- Ignition in STOP/OFF position
- Fuel level meets minimum requirement
- MIL lamp is OFF, Vehicle is in propulsion system active

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 turn signals will flash twice, and the horn will chirp twice. Then the vehicle will start, and the vehicle will remain in the Remote Start mode for a 15-minute cycle.

NOTE:

- The vehicle can be started two consecutive times (two 15-minute cycles) from the key fob. However, the ignition must be placed in the ON/RUN position before any additional remote start requests can be received.
- The park lamps will turn on and remain on during Remote Start mode.
- For security, power window operation is disabled when the vehicle is in the Remote Start mode.

General Information

The following regulatory statement applies to all radio frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

VEHICLE SECURITY ALARM – IF EQUIPPED

The vehicle security alarm monitors the vehicle doors for unauthorized entry and the ignition switch for unauthorized operation. When the alarm is activated, the interior switches for door locks, power sliding doors and power liftgate are disabled. The vehicle security alarm provides both audible and visible signals. If something triggers the alarm, the vehicle security alarm will provide the following audible and visible signals: the horn will pulse, the park lamps and/or turn signals will flash, and the vehicle security light in the instrument cluster will flash.

To Arm The System

Follow these steps to arm the vehicle security alarm:

1. Make sure the vehicle's ignition is cycled to the "OFF" position (refer to "Starting The Engine" in "Starting And Operating" for further information).



- For vehicles equipped with Keyless Enter-N-Go — Passive Entry, make sure the vehicle ignition system is OFF.
2. Perform one of the following methods to lock the vehicle:
 - Push lock on the interior power door lock switch with the driver and/or passenger door open.
 - Push the lock button on the exterior Passive Entry Door Handle with a valid key fob available in the same exterior zone (refer to “Keyless Enter-N-Go — Passive Entry” in “Getting To Know Your Vehicle” for further information).
 - Push the lock button on the key fob.
 3. If any doors are open, close them.

To Disarm The System

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

- Push the unlock button on the key fob.
- Grasp the Passive Entry Unlock Door Handle (if equipped, refer to “Keyless Enter-N-Go — Passive Entry” under “Getting To Know Your Vehicle” for further information).
- Hands Free Liftgate passive entry activation (if equipped with Hands Free Liftgate passive entry).
- Cycle the vehicle ignition system out of the OFF position.
 - For vehicles equipped with Keyless Enter-N-Go — Passive Entry, push the keyless ignition START/STOP button (requires at least one valid key fob in the vehicle).

NOTE:

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

- When the vehicle security alarm is armed, the interior power door lock switches will not unlock the doors.

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

If the vehicle security alarm is armed and the battery becomes disconnected, the vehicle security alarm will remain armed when the battery is reconnected; the exterior lights will flash, and the horn will sound. If this occurs, disarm the vehicle security alarm.

DOORS

Keyless Enter-N-Go – Passive Entry

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

NOTE:

- Passive Entry may be programmed ON/OFF. Refer to "Uconnect Settings" in "Multimedia" in the Owner's Manual for further information.
- If wearing gloves on your hands, or if it has been raining/snowing on the Passive Entry door handle, the unlock sensitivity can be affected, resulting in a slower response time.
- If the vehicle is unlocked by Passive Entry and no door is opened within 60 seconds, the vehicle will re-lock and if equipped will arm the security alarm.
- The sliding side doors can be unlocked from the outside using the hands free or Passive Entry system.

- The key fob may not be able to be detected by the vehicle passive entry system if it is located next to a mobile phone, laptop, wireless charging pad, or other electronic device; these devices may block the key fob's wireless signal and prevent the passive entry handle from locking/unlocking the vehicle.

- If set by the customer in the Uconnect Settings, unlocking with Passive Entry will initiate illuminated approach (low beams, license plate lamp, position lamps) for the time 0, 30 (default), 60, or 90 seconds. Passive Entry also initiates two flashes of the turn lamps.

To Unlock From The Driver's Side:

With a valid key fob within 5 ft (1.5 m) of the driver's door handle, grab the driver's front door handle to unlock the driver's side doors (driver/sliding door) automatically. The interior door panel rocker knob will rotate when the door is unlocked.



Grab The Door Handle To Unlock

NOTE:

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



To Unlock From The Passenger Side:

With a valid key fob within 5 ft (1.5 m) of the passenger door handle, grab the front passenger door handle to unlock all four doors and the liftgate automatically. The interior door panel lock knob will rotate when the door is unlocked.

NOTE:

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

Preventing Inadvertent Locking Of Key Fob In Vehicle (FOBIK-Safe)

To minimize the possibility of unintentionally locking a key fob inside your vehicle, the Passive Entry system is equipped with an automatic door unlock feature.

FOBIK-Safe only executes in vehicles with Passive Entry. There are three situations that trigger a FOBIK-Safe search in any Passive Entry vehicle:

- A lock request is made by a valid 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 key fob inside the car, and it does not find any key fob outside the car, then the car will unlock and alert the customer.

NOTE:

The vehicle will only unlock the doors when a valid key fob is detected inside the vehicle, and no valid key fob is detected outside the vehicle. The vehicle will not unlock the doors when any of the following conditions are met:

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

NOTE:

On the third attempt ALL doors will lock and the key fob can be locked in the vehicle.

To Enter The Liftgate

With a valid key fob within 5 ft (1.5 m) of the liftgate, cycle the handle to open the liftgate and pull the liftgate open with one fluid motion.

NOTE:

If "Unlock Driver Door 1st Press" is programmed, only the liftgate will unlock when the liftgate release handle is pulled. If "Unlock All Doors 1st Press" is programmed, all doors and the liftgate will unlock when the liftgate release handle is pulled. To select between "Unlock Driver Door 1st Press" and "Unlock All Doors 1st Press," refer to "Uconnect Settings" in "Multimedia" in the Owner's Manual for further information.

To Lock The Vehicle's Doors

With one of the vehicle's key fobs within 5 ft (1.5 m) of the driver or passenger front door handle, push the door handle lock button to lock all four doors and the liftgate.



Push The Door Handle Button To Lock

Do NOT grab the door handle, when pushing the door handle 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 reacting and unlocking.
- The Passive Entry system will not operate if the key fob battery is dead.

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

General Information

The following regulatory statement applies to all radio frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Power Sliding Side Door — If Equipped

The power sliding door may be power opened or closed in several ways:

- Key fob
- Inside or outside handles
- Buttons located:
 - In the overhead console
 - Just inside the sliding door
 - On the outside handle

Push the button on the key fob twice within five seconds to open, close, or reverse a power sliding door.

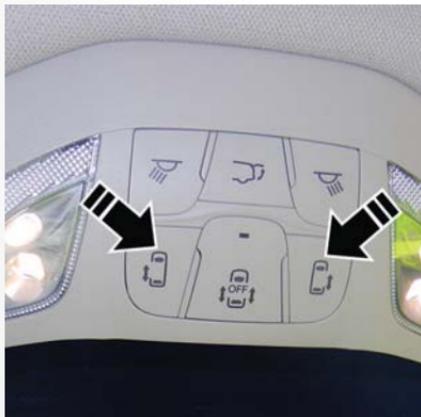
The key fob and the overhead console button will operate the door when the door is locked. All other ways require the sliding door to be unlocked. If the vehicle is equipped with Passive Entry, pressing the button on the outside handle or Hands-Free feature (if equipped) will unlock and open the sliding door, with a valid Passive Entry key fob within 5 ft (1.5 m) of the door handle.



Key Fob Left Side Control Buttons



Key Fob Right Side Control Buttons



Overhead Console Control Buttons

There are power sliding side door switches located on the B-Pillar trim panel, just in front of the power sliding door for the rear seat passengers.

To operate the sliding door manually with the handles or to avoid unintentional operation of the power sliding doors from the rear seats, push the power sliding door power off button, located in the overhead console, to remove power to the handles and buttons just inside the sliding doors. The power off LED, in the overhead console, will be lit when the

handles are manual. When the LED is lit, pushing the power sliding door power off button will return the handles to power operation.

NOTE:

- If anything obstructs the power sliding side door while it is closing or opening, the door will automatically reverse to the closed or open position and an audible tone will sound, provided it meets sufficient resistance. The turn signals will flash with sliding door movements.
- If the power sliding door stops in the middle due to obstacles, it will power open on the next command.

WARNING!

Personal injury or cargo damage may occur if caught in the path of the sliding door. Make sure the door path is clear before closing the door.

WARNING!

Before driving off, check the instrument cluster for a sliding door or door open message or warning indicator. Failure to do this could result in unintentionally leaving the sliding door open while driving.

**Hands-Free Sliding Doors –
If Equipped**



Hands-Free Sliding Doors

To open the Hands-Free Sliding Doors, use a straight in and out kicking motion under the vehicle in the general location below the door handle(s). Do not move your foot sideways or in a sweeping motion or the sensors may not detect the motion.



When a valid kicking motion is completed, the sliding door will chime, the hazard lights will flash and the sliding door will open almost instantaneously. This assumes all options are enabled in the radio settings.

NOTE:

- To open the Hands-Free Sliding Doors requires a valid Passive Entry key fob within 5 ft (1.5 m) of the door handle. If a valid Passive Entry key fob is not within 5 ft (1.5 m), the door will not respond to any kicks.
- The Hands-Free Sliding Door will only operate when the transmission is in PARK.
- With every movement of the Hands-Free sliding doors, an audible tone will sound and the turn signals will flash. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information on turning these alerts on or off.
- If anything obstructs the power sliding side door while it is closing or opening, the door will automatically reverse to the closed or open position and an audible tone will sound, provided it meets sufficient resistance. The turn signals will flash with sliding door movements.

- If the power sliding doors encounters multiple obstructions within the same cycle, the system will automatically stop.

The Hands-Free Sliding Doors feature may be turned off through Uconnect Settings. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information. The Hands-Free Sliding Doors feature should be turned off during Jacking, Tire Changing, and Vehicle Service.

Child Locks

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

To Engage The Child Protection Door Lock

1. Open the sliding side door.
2. On the rear of the sliding door, slide the Child Protection Door Lock control inward (toward the vehicle) to engage the Child Protection Door Lock.



Child Protection Door Locks

3. Repeat Steps 1 and 2 on the opposite sliding door.

NOTE:

- After engaging (or disengaging) the Child Protection Door Lock, always test the inside door handle with the sliding door closed to make certain the Child Protection Door Lock is in the desired position. The inside door handle will not open the sliding door when the Child Protection Door Lock is engaged.
- The power sliding door will operate from the switch located just inside the sliding door, regardless of the Child Protection Door Lock lever position.

- To avoid unintentional operation of the power sliding door from the rear seats, push the **Sliding Door Power Off** button, located in the overhead console. When the overhead console power OFF LED is lit, the sliding door may not be power opened or closed by pushing the buttons just inside the sliding doors or pulling on the handles.

WARNING!

Avoid trapping anyone in the vehicle in a collision. Remember that the sliding doors cannot be opened from the inside door handle when the Child Protection Door Locks are engaged.

To Disengage The Child Protection Door Lock

1. Open the sliding side door.
2. Slide the Child Protection Door Lock control outward (away from the vehicle) to disengage the Child Protection Door Lock.
3. Repeat Steps 1 and 2 on the opposite sliding door.

NOTE:

- After disengaging (or engaging) the Child Protection Door Lock, always test the inside door handle with the sliding door closed to make certain the Child Protection Door Lock is in the desired position. The inside door handle will open the sliding door when the Child Protection Door Lock is disengaged.

SEATS

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

WARNING!

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

Manual Adjustment (Rear 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.

Fold-Flat

To fold the seat, lift the recliner lever to the full upward position and push the seatback forward until it rests on the seat cushion.

NOTE:

The seatback may lock into the fold flat position. Use the recline lever to unlock the seatback.



Easy Entry Slide Second Row Seating

The second row seats can be tilted and slid forward for easy entry into the third row.

1. Located in the seatback of the second row seat is a lever that provides easier access to the third row by tilting the seat forward.



Easy Tilt Lever

2. Slide lever upwards to unlock the seatback.
3. Push on seatback to slide seat forward to access the third row.

4. To put the seat back into original position, just pull back on the seatback and lock the seat into position.

WARNING!

Do not use this feature with a child in seat. Serious injury or death may occur.

Second Row Removable Seat

The Easy Entry Slide second row seating does not stow in the floor, but they are removable for added cargo space.

Removing Seat

1. Adjust seat to the full rearward position.
2. Lift the recline lever to fold the seatback flat against the seat cushion.

NOTE:

Push downward on the seatback to make sure it is in the locked position.

3. The release strap is located on the front of the seat, near the floor.



Seat Release Strap

4. To remove the seat, pull the release strap to release the rear latches.
5. Tilt the back of the seat to the upward position.
6. The seat assembly can now be removed from the vehicle. Grab the front seatback edge located near the head restraint and the grab bar on the rear side of the seat cushion for easy removal.

Reinstalling Seat

1. To reinstall the seat, align the seat's front attachments into the detent positions on the floor.
2. Tilt seat rearward to lock the seat back into its original position.

NOTE:

Push downward to ensure the rear latches are in the locked position.

3. Lift the recline handle and return the seat back to the seating position.

WARNING!

If not properly latched, the seat could become loose. Personal injuries could result.

Manually Folding Third Row Seats – If Equipped

1. Lower the center head restraint down to the seatback by pushing the button on the guide and pushing the head restraint down.
2. Pull release strap marked "1" to release the anchors.
3. Pull release strap marked "2" and tumble the seat rearward into the storage bin.

To Unfold Third Row Seats

1. Pull up on the assist strap to lift the seat out of the storage bin and push the seat forward until the anchors latch.
2. Pulling strap "2" releases the seatback to return to its full upright position.
3. Raise the head restraint to its upright position.

WARNING!

- In a collision, you or others in your vehicle could be injured if seats are not properly latched to their floor attachments. Always be sure the seats are fully latched.
- Sitting in a seat with the head restraint in its lowered position could result in serious injury or death in a collision. Always make sure the head restraints are in their upright positions when the seat is to be occupied.

Driver Memory Seat – If Equipped

The Memory Buttons (1) and (2) on the driver's door panel can be programmed to recall the driver's seat, outside mirrors, and radio station preset settings. Your key fobs can also be programmed to recall the same positions when the unlock button is pushed.



Driver Memory Switch

Your vehicle may have been delivered with two key fobs, one key fob can be linked to each of the memory positions.



Programming The Memory Feature

To create a new memory profile, perform the following:

1. Cycle the vehicle's ignition to the ON/RUN position (do not start the engine).
2. Adjust all memory profile settings to desired preferences (i.e., driver's seat, outside mirrors and radio station presets).
3. Push and release the set (S) button on the memory switch.
4. Within five seconds, push and release either of the memory buttons (1) or (2). The instrument cluster display will show which memory position has been set.

NOTE:

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

Linking And Unlinking The Remote Keyless Entry Key Fob To Memory

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

NOTE:

Before programming your key fob you must select the "Personal Settings Linked to Key Fob" feature through the Uconnect Settings. Refer to "Uconnect Settings" in "Multimedia" in your Owner's Manual for further information.

To program your key fob, perform the following:

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

NOTE:

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

3. Once the profile has been recalled, push and release the set (S) button on the memory switch.
4. Push and release button (1) or (2) accordingly. "Memory Profile Set" (1 or 2) will display in the instrument cluster.

5. Push and release the lock button on the key fob within 10 seconds.

NOTE:

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

Memory Position Recall

NOTE:

The vehicle speed must be less than or equal to 5 mph (8 km/h) to recall memory positions. If a recall is attempted when the vehicle speed is greater than 5 mph (8 km/h), a message will be displayed in the instrument cluster display.

To recall the memory settings for driver one, push memory button (1) on the driver's door or the unlock button on the key fob linked to memory position 1.

To recall the memory setting for driver two, push memory button (2) on the driver's door or the unlock button on the key fob linked to memory position 2.

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

NOTE:

Pushing the mirror adjust switch will cancel the memory mirror recall.

Easy Entry/Exit Seat (Available With Memory Seat Only)

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

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

- When the ignition is cycled to the OFF position, the driver seat will move about 2.4 inches (60 mm) rearward if the driver seat position is greater than or equal to 2.7 inches (67.7 mm) forward of the rear stop. The seat will return to its previously set position when the ignition is cycled out of the OFF position.

- When the ignition is cycled to the OFF position, the driver seat will move to a position 0.3 inches (7.7 mm) forward of the rear stop if the driver seat position is between 0.9 – 2.7 inches (22.7 – 67.7 mm) forward of the rear stop. The seat will return to its previously set position when the ignition is cycled out of the OFF position.

- The Easy Entry/Easy Exit feature is disabled when the driver seat position is less than 0.9 inches (22.7 mm) forward of the rear stop. At this position, there is no benefit to the driver by moving the seat for Easy Exit or Easy Entry.

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

NOTE:

The Easy Entry/Easy Exit feature can be enabled or disabled through the programmable features within the Uconnect system. For further information, refer to "Uconnect Settings" in "Multimedia" in your Owner's Manual.

Heated Seats

Front Heated Seats – If Equipped

The front heated seats control buttons are located within the climate or controls screen of the touch-screen.

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

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

If the HI-level setting is selected, the system will automatically switch to LO-level after approximately 60 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 45 minutes.

NOTE:

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



Vehicles Equipped With Remote Start

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

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

WARNING!

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

Ventilated Seats – If Equipped

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

The front ventilated seats control buttons are located within the climate or controls screen of the touchscreen.

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

NOTE:

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

Vehicles Equipped With Remote Start

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

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

Adjustable Armrest (Front Seats) – If Equipped

Your vehicle may be equipped with armrests on the front seats. To adjust, push and hold the button while moving to the desired position. Release the button once the desired position is reached.



Adjustable Armrest

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.

Head Restraints — Front Seats

The front driver and passenger seats are equipped with four-way head restraints.



Front Head Restraint

- 1 — Release Button
- 2 — Adjustment Button



Forward Adjustment

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. Front head restraints are also adjustable forward and rearward. To adjust the head restraint forward, pull forward on the top of the head restraint to desired position. To adjust the head restraint rearward, pull forward on the head restraint to furthest forward position and head restraint will reset to furthest rearward position.



NOTE:

To remove the head restraint, raise it as far as it can go. Then, push the release button and the adjustment button at the base of each post while pulling the head restraint up. Seatback angle may need to be adjusted to fully remove the head restraint. To reinstall the head restraint, put the head restraint posts into the holes and push downward. Then, adjust the head restraint to the appropriate height.

WARNING!

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

Head Restraints – Second Row

The second row outboard head restraints are adjustable. 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.



Second Row Head Restraint

- 1 — Release Button
2 — Adjustment Button

NOTE:

To remove the head restraint, raise it as far as it can go then push the release button and the adjustment button at the base of each post while pulling the head restraint up. Seatback angle may need to be adjusted to fully remove the head restraint. To reinstall the head restraint, put the head restraint posts into the holes and push downward. Then, adjust the head restraint to the appropriate height.

WARNING!

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

Head Restraints – Third Row

The outboard head restraints can be manually folded forward for improved rearward visibility. Pull the release strap to fold them forward.



Release Strap

NOTE:

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

The head restraint in the center position can be raised and lowered for tether routing or height adjustment. Refer to “Occupant Restraint Systems” in “Safety” for further information.

NOTE:

To remove the center head restraint, raise it as far as it can go. Then, push the release button at the base of each post while pulling the head restraint up. To reinstall the head restraint, put the head restraint posts into the holes and push downward. Then, using the adjustment button, adjust the head restraint to the appropriate height.



Center Head Restraint

- 1 – Adjustment Button
- 2 – Release Button

WARNING!

ALL the head restraints **MUST** be reinstalled in the vehicle to properly protect the occupants. Follow the re-installation instructions above prior to operating the vehicle or occupying a seat.



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 left of the steering wheel at the end of the steering column.



Tilt/Telescoping Lever

To unlock the steering column, push the lever downward (toward the floor). To tilt the steering column, move the steering wheel upward or down-

ward as desired. To lengthen or shorten the steering column, pull the steering wheel outward or push it inward as desired. To lock the steering column in position, push the lever upward until fully engaged.

WARNING!

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

Heated Steering Wheel – If Equipped

The steering wheel contains a heating element that helps warm your hands in cold weather. The heated steering wheel has only one temperature setting. Once the heated steering wheel has been turned on, it will operate for an average of 80 minutes or more before automatically shutting off. This time may vary depending on the temperature of the environment. 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 within the Uconnect system. You can gain access to the control button through the climate screen or the controls screen.

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

NOTE:

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

Vehicles Equipped With Remote Start

On models that are equipped with remote start, the heated steering wheel can be programmed to come on during a remote start through the Uconnect system. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.

WARNING!

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

WARNING!

must exercise care when using the steering wheel heater. It may cause burns even at low temperatures, especially if used for long periods.

- Do not place anything on the steering wheel that insulates against heat, such as a blanket or steering wheel covers of any type and material. This may cause the steering wheel heater to overheat.

MIRRORS

Power Folding Mirrors — If Equipped

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



Power Folding Mirror Switch

NOTE:

If the vehicle speed is greater than 10 mph (16 km/h), the folding feature will be disabled.

If the mirrors are in the folded position, and vehicle speed is equal or greater than 10 mph (16 km/h), they will automatically unfold.

Resetting The Power Folding Outside Mirrors

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

- The mirrors are accidentally blocked while folding.
- The mirrors are accidentally manually folded/unfolded.
- The mirrors come out of the unfolded position.
- The mirrors shake and vibrate at normal driving speeds.

To reset the power folding mirrors: fold and unfold them by pushing the button (this may require multiple button pushes). This resets them to their normal position.



EXTERIOR LIGHTS

Multifunction Lever



Multifunction Lever

The multifunction lever is located on the left side of the steering column. The multifunction lever controls the turn signals, headlight high/low beams, and flash-to-pass functions.

Headlight Switch

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



Headlight Switch

- 1 – Rotate Headlight Switch
- 2 – Ambient Dimmer Control
- 3 – Instrument Panel Dimmer
- 4 – Fog Lamps Button

Rotate the headlight switch clockwise to the second detent for parking light and instrument panel light operation. Rotate the headlight switch to the third detent for headlight, parking light and instrument panel operation.

Daytime Running Lights – If Equipped

The headlights or LED light bars on your vehicle will illuminate when the vehicle is started. This provides a constant lights on condition until the ignition is turned OFF. If the parking brake is applied, the Daytime Running Lights (DRL) will turn off. Also, if a turn signal is activated, the DRL lamp on the same side of the vehicle will turn off for the duration of the turn signal activation. Once the turn signal is no longer active, the DRL lamp will illuminate.

High/Low Beam Switch

When the headlights are turned on, pushing the multifunction lever toward the instrument panel will switch from low beams to high beams. Pulling back to the neutral position returns the headlights to the low beam operation.

Automatic High Beam — If Equipped

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

NOTE:

Broken, muddy, or obstructed headlights and tail-lights 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.

To Activate

1. Select “Automatic High Beams — ON” through the Uconnect system. Refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.
2. Rotate the headlight switch clockwise to the AUTO position.

3. Push the multifunction lever away from you to switch the headlights to the high beam position. Refer to “Multifunction Lever” for further information.

NOTE:

This system will not activate until the vehicle is at, or above 16 mph (25 km/h).

To Deactivate

Perform either of the following steps to deactivate the Automatic High Beam system.

1. Select “Automatic High Beams — OFF” through the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.
2. Pull the multifunction lever toward you to switch the headlights from the high beam to the low beam position.
3. Rotate the headlight switch counterclockwise from the AUTO to the on position.

NOTE:

Once active, the Automatic High Beam system will stop functioning below 12 mph (20 km/h).

Flash-To-Pass

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

Automatic Headlights

This system automatically turns your headlights on or off based on ambient light levels. To turn the system on, turn the headlight switch to the extreme clockwise position aligning the indicator with the AUTO on the headlight switch. When the system is on, the Headlight Time Delay feature is also on. This means your headlights will stay on for up to 90 seconds after you turn the ignition switch OFF. To turn the Automatic System off, turn the headlight switch counterclockwise to the O (off) position.

NOTE:

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



Headlights On With Wipers – If Equipped

When your headlights are in the AUTO mode and the vehicle is running, the headlights will automatically turn on when the wiper system is also turned on. Headlights on when windshield wipers are on may be found on vehicles equipped with an automatic headlight system.

NOTE:

The Headlights with Wipers feature can be turned on or off through the Uconnect system. Refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.

Headlight Delay – If Equipped

This feature provides the safety of headlight illumination for up to 90 seconds after exiting your vehicle.

To activate the delay feature, turn the ignition OFF while the headlights are still on. The 90 second delay interval begins when headlight switch is turned off. If the headlights or parking lights are turned back on or the ignition switch is turned ON, the delay will be cancelled.

When exiting the vehicle the driver can choose to have the headlights remain on for 30, 60, or 90 seconds or not remain on. To change the timer setting, select the proper setting through the Uconnect System.

Refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.

If the headlights are turned off before the ignition, they will turn off in the normal manner.

NOTE:

The headlights must be turned off within 45 seconds of turning the ignition OFF to activate this feature.

Front Fog Lights – If Equipped

To activate the front fog lights, turn on the parking lights or the low beam headlights and push in the headlight switch control knob. Pushing the headlight switch control knob in a second time will turn the front fog lights off.



Fog Light Switch

Turn Signals

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

NOTE:

If either light remains on and does not flash, or there is a very fast flash rate, check for a defective outside light bulb. If an indicator fails to light when the lever is moved, it would suggest that the indicator bulb is defective.

Turn Signal Warning

If the vehicle electronics sense that the vehicle has traveled for about 1 mile (1.6 km) with the turn signals on, a chime will sound and a message will display in the cluster to alert the driver.

WINDSHIELD WIPER AND WASHERS

Front Wiper Operation

The wipers and washers are operated by a switch within the wiper lever. Rotate the end of the lever upward, to the first detent past the intermittent settings for low-speed wiper operation. Rotate the end of the lever upward to the second detent past the intermittent settings for high-speed wiper operation.



Washer And Wiper Controls

NOTE:

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

WARNING!

Sudden loss of visibility through the windshield could lead to a collision. You might not see other

WARNING!

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.

Intermittent Wiper System

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

Windshield Washers

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



tent interval previously selected. If the lever is pulled while the wipers are in the off position, the wipers will operate several wipe cycles, then turn off.

Mist Feature

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

NOTE:

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

Rain Sensing Wipers – If Equipped

This feature senses rain or snowfall on the windshield and automatically activates the wipers for the driver. This feature is especially useful for road splash or overspray from the windshield washers of the vehicle ahead. Rotate the end of the multifunction lever to one of the four intermittent wiper sensitivity settings to activate this feature.

The sensitivity of the system is adjustable from the multifunction lever. Wiper sensitivity position 3 has been calibrated for best overall wiping sensitivity. If

the operator desires more wiping sensitivity, they may select sensitivity position 4. If the operator desires less wiping sensitivity, they may select sensitivity positions 2 or 1. Place the multifunction lever in the OFF position when not using the system.

NOTE:

- The Rain Sensing feature will not operate when the wiper speed is in the low or high position.
- The Rain Sensing feature may not function properly when ice or dried saltwater is present on the windshield.
- Use of Rain-X or products containing wax or silicone may reduce rain sensor performance.
- The Rain Sensing feature can be turned on and off through the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.

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

- **Low Temperature Wipe Inhibit** – The Rain Sensing feature will not operate when the ignition is first switched ON, when the vehicle is stationary and the outside temperature is below 32°F (0°C),

unless the wiper control on the multifunction lever is moved, the vehicle speed becomes greater than 3 mph (5 km/h) or the outside temperature rises above freezing.

- **Neutral Wipe Inhibit** – The Rain Sensing feature will not operate when the ignition is ON, when the transmission gear selector is in the NEUTRAL position and the vehicle speed is less than 3 mph (5 km/h), unless the wiper control on the multifunction lever is moved, the vehicle speed is greater than 3 mph (5 km/h) or the gear selector is moved out of the NEUTRAL position.
- **Remote Start Mode Inhibit** – On vehicles equipped with 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 RUN position, rain sensing wiper operation can resume, if it has been selected, and no other inhibit conditions (mentioned previously) exist.

Rear Wiper And Washer

Rear Windshield Wiper Operation

Rotate the windshield wiper lever center ring upwards to operate one of two modes for the rear window wiper:

- First detent — intermittent mode.
- Second detent — continuous mode.

Rear Windshield Washer Operation

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

CLIMATE CONTROLS

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

Automatic Climate Controls

The front controls are located on the touchscreen (if equipped) and on the instrument panel below the radio. The rear climate controls are located on the touchscreen and in the rear headliner, on the passenger side of the vehicle.

NOTE:

Heating and A/C are only available with the vehicle running, unless the vehicle is plugged in.



Uconnect 4/4C/4C NAV with 8.4-inch display Automatic Climate Controls



Automatic Climate Controls On The Faceplate



Automatic Climate Control Descriptions

Icon	Description
	<p>MAX A/C Button Press and release to change the current setting, the indicator illuminates when MAX A/C is on. Performing this function again will cause the MAX A/C operation to switch into manual mode and the MAX A/C indicator will turn off.</p> <p>NOTE: The MAX A/C setting is only available on the touchscreen.</p>
	<p>A/C Button Press and release to change the current setting, the indicator illuminates when A/C is on.</p>
	<p>Recirculation Button Press and release this button to change the system between recirculation mode and outside air. Recirculation can be used when outside conditions such as smoke, odors, dust, or high humidity are present. Recirculation can be used in all modes. Recirculation may be unavailable (button on the touchscreen greyed out) if conditions exist that could create fogging on the inside of the windshield. The A/C can be deselected manually without disturbing the mode control selection. Continuous use of the Recirculation mode may make the inside air stuffy and window fogging may occur. Extended use of this mode is not recommended.</p>
	<p>AUTO Button Automatically controls the interior cabin temperature by adjusting airflow distribution and amount. Toggling this function will cause the system to switch between manual mode and automatic modes. Refer to “Automatic Operation” within this section for more information.</p>
	<p>Front Defrost Button Press and release to change the current airflow setting to Defrost mode. The indicator illuminates when this feature is on. Air comes from the windshield and side window demist outlets. When the defrost button is selected, the blower level may increase. Use Defrost mode with maximum temperature settings for best windshield and side window defrosting and defogging. Performing this function will cause the ATC to switch into manual mode. If the front defrost mode is turned off the climate system will return the previous setting.</p>

Icon	Description
	<p>Rear Defrost Button Push and release the Rear Defrost Control button to turn on the rear window defroster and the heated outside mirrors (if equipped). An indicator will illuminate when the rear window defroster is on. The rear window defroster automatically turns off after ten minutes.</p>
Rear Climate	<p>Rear Climate Control Button Press and release this button to access the rear climate controls. The indicator will illuminate when the rear climate controls are on.</p>
	<p>Driver And Passenger Temperature Up And Down Buttons Provides the driver and passenger with independent temperature control. Push the red button on the faceplate or touchscreen or press and slide the temperature bar towards the red arrow button on the touchscreen for warmer temperature settings. Push the blue button on the faceplate or touchscreen or press and slide the temperature bar towards the blue arrow button on the touchscreen for cooler temperature settings.</p>
<p>SYNC</p>	<p>SYNC Button Press the SYNC button on the touchscreen to toggle the Sync feature on/off. The SYNC indicator is illuminated when this feature is enabled. SYNC is used to synchronize the front and rear passenger temperature settings with the driver temperature setting. Changing the front or rear passenger temperature setting while in SYNC will automatically exit this feature.</p> <p>NOTE: The SYNC setting is only available on the touchscreen.</p>
<p>Faceplate Knob</p>  <p>Touchscreen Buttons</p> 	<p>Blower Control Blower Control is used to regulate the amount of air forced through the climate system. There are seven blower speeds available. The speeds can be selected using either the blower control knob on the faceplate or the buttons on the touchscreen.</p> <ul style="list-style-type: none"> • Faceplate: The blower speed increases as you turn the blower control knob clockwise from the lowest blower setting. The blower speed decreases as you turn the blower control knob counterclockwise. • Touchscreen: Use the blower with arrow up icon to reduce the blower setting and the blower with arrow down icon to increase the blower setting. Blower can also be selected by pressing the blower bar area between the icons.



Icon	Description
<p data-bbox="176 150 314 170">Modes Control</p> 	<p data-bbox="383 146 576 166">Modes Control Knob</p> <p data-bbox="383 174 1186 194">Faceplate: Push the button in the center of the knob to change the airflow distribution mode.</p> <p data-bbox="383 202 1118 222">Touchscreen: Select Mode by pressing one of the Mode Buttons on the touchscreen.</p> <p data-bbox="383 229 1533 277">The airflow distribution mode can be adjusted so air comes from the instrument panel outlets, floor outlets, defrost outlets and demist outlets. The Mode settings are as follows:</p>
<p data-bbox="189 291 300 311">Panel Mode</p> 	<p data-bbox="383 299 492 320">Panel Mode</p> <p data-bbox="383 327 1547 399">Air comes from the outlets in the instrument panel. Each of these outlets can be individually adjusted to direct the flow of air. The air vanes of the center outlets and outboard outlets can be moved up and down or side to side to regulate airflow direction. There is a shut off wheel located below the air vanes to shut off or adjust the amount of airflow from these outlets.</p>
<p data-bbox="176 430 314 451">Bi-Level Mode</p> 	<p data-bbox="383 420 517 441">Bi-Level Mode</p> <p data-bbox="383 448 1555 496">Air comes from the instrument panel outlets and floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.</p> <p data-bbox="383 513 450 534">NOTE:</p> <p data-bbox="383 541 1547 562">Bi-Level mode is designed under comfort conditions to provide cooler air out of the panel outlets and warmer air from the floor outlets.</p>
<p data-bbox="189 573 300 594">Floor Mode</p> 	<p data-bbox="383 609 492 629">Floor Mode</p> <p data-bbox="383 637 1417 657">Air comes from the floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.</p>
<p data-bbox="196 703 294 724">Mix Mode</p> 	<p data-bbox="383 728 477 749">Mix Mode</p> <p data-bbox="383 756 1533 803">Air is directed through the floor, defrost, and side window demister outlets. This setting works best in cold or snowy conditions that require extra heat to the windshield. This setting is good for maintaining comfort while reducing moisture on the windshield.</p>
<p data-bbox="196 840 294 881">OFF</p>	<p data-bbox="383 840 648 860">Climate Control OFF Button</p> <p data-bbox="383 868 964 888">Press and release this button to turn the Climate Control ON/OFF.</p>

Climate Control Functions

A/C (Air Conditioning)

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

NOTE:

- For Manual Climate Controls, if the system is in Mix, Floor or Defrost Mode, the A/C can be turned off, but the A/C system shall remain active to prevent fogging of the windows.
- If fog or mist appears on the windshield or side glass, select Defrost mode, and increase blower speed if needed.
- If your air conditioning performance seems lower than expected, check the front of the A/C condenser (located in front of the radiator), for an accumulation of dirt or insects. Clean with a gentle water spray from the front of the radiator and through the condenser.

MAX A/C

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

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

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

Recirculation

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

Automatic Temperature Control (ATC) – If Equipped

Automatic Operation

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

NOTE:

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



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

Manual Operation Override

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

Controlling The Rear Climate Controls From The Front ATC Touchscreen

The Three-Zone ATC system allows for adjustment of the rear climate controls from the front ATC touchscreen.

To change the rear system settings:

- Press the “REAR CLIMATE” button on the touchscreen to change control to rear control mode, rear display appears. Control functions now operate rear system.

- To return to the front screen on the Uconnect system, press the “Front Climate” on the touchscreen.



Uconnect 4C/4C NAV Front ATC Panel
Rear Control Display

Icon	Description
REAR AUTO	Rear Auto Button Automatically controls the rear interior cabin temperature by adjusting airflow distribution and amount. Performing this function causes the system to switch between manual mode and automatic modes. Refer to “Automatic Operation” within this section for more information.
LOCK REAR	Rear Lock Button Press and release to lock out the rear manual temperature controls from adjusting the rear temperature and blower settings.
FRONT CLIMATE	Front Climate Button Press and release this button to change the display on the Uconnect system back to the Front Climate Controls.

Icon	Description
	<p>Rear Passenger Temperature Up And Down Buttons Provides the rear passengers with independent temperature control. Push the up arrow button on the touchscreen to increase the temperature. Push the down arrow button on the touchscreen to decrease the temperature. When the SYNC feature is active, the passenger's temperature moves up and down with the driver's temperature.</p>
<p>SYNC</p>	<p>SYNC Button Press the SYNC button on the touchscreen to toggle the SYNC feature on/off. The SYNC indicator is illuminated when this feature is enabled. SYNC is used to synchronize the front and rear passenger temperature settings with the driver temperature setting. Changing the front or rear passenger temperature setting while in SYNC exits this feature.</p> <p>NOTE: The SYNC setting is only available on the touchscreen.</p>
	<p>Blower Control Blower Control is used to regulate the amount of air forced through the climate system. There are seven blower speeds available. Adjusting the blower causes automatic mode to switch to manual operation. The speeds can be selected using the buttons on the touchscreen.</p>
<p>REAR OFF</p>	<p>Rear Passenger Climate Control OFF Button Press and release this button to turn the Rear Climate Controls off.</p>
<p>Panel Mode</p> 	<p>Panel Mode Press this button on the touchscreen to change the air distribution mode to Panel Mode. In Panel Mode, air comes from the outlets in the instrument panel. Each of these outlets can be individually adjusted to direct the flow of air. The air vanes of the center outlets and out-board outlets can be moved up and down or side to side to regulate airflow direction. There is a shut off wheel located below the air vanes to shut off or adjust the amount of airflow from these outlets.</p>



Icon	Description
<p data-bbox="178 156 315 177">Bi-Level Mode</p> 	<p data-bbox="379 146 517 166">Bi-Level Mode</p> <p data-bbox="379 171 1552 221">Press this button on the touchscreen to change the air distribution mode to Bi-Level Mode. In Bi-Level Mode, air comes from the instrument panel outlets and floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.</p> <p data-bbox="379 237 450 257">NOTE:</p> <p data-bbox="379 263 1547 283">Bi-Level mode is designed under comfort conditions to provide cooler air out of the panel outlets and warmer air from the floor outlets.</p>
<p data-bbox="191 298 302 319">Floor Mode</p> 	<p data-bbox="379 319 490 339">Floor Mode</p> <p data-bbox="379 344 1555 394">Press this button on the touchscreen to change the air distribution mode to Floor Mode. In Floor Mode, air comes from the floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.</p>

Rear Automatic Temperature Control (ATC) — If Equipped

The rear ATC system has floor air outlets underneath the passengers' seats, and overhead outlets at each outboard rear seating position. The system provides heated air through the floor outlets or cool, dehumidified air through the headliner outlets.

Rear second row occupants can only adjust the rear ATC control when the Rear Temperature Lock button is turned off.

The rear ATC system is located in the headliner, on the passenger side of the vehicle.



Rear Automatic Climate Controls

1. Adjust the rear blower, rear temperature and the rear modes to suit your comfort needs.
2. ATC is selected by pushing the AUTO button.

Once the desired temperature is displayed, the ATC System will automatically achieve and maintain that comfort level. When the system is set up for your comfort level, it is not necessary to change the settings. You will experience the greatest efficiency by simply allowing the system to function automatically.

NOTE:

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

Icon	Description
 <p>MODE</p>	<p>Rear Mode Control Push this button on the Rear Climate Hard Controls to change the air distribution mode for the rear passengers to one of the following:</p>
<p>Panel Mode</p> 	<p>Panel Mode Air comes from the outlets in the headliner. Each of these outlets can be individually adjusted to direct the flow of air. Moving the air vanes of the outlets to one side will shut off the airflow.</p>
<p>Bi-Level Mode</p> 	<p>Bi-Level Mode Air comes from both the headliner outlets and the floor outlets.</p> <p>NOTE: In many temperature positions, the Bi-Level mode is designed to provide cooler air out of the headliner outlets and warmer air from the floor outlets.</p>
<p>Floor Mode</p> 	<p>Floor Mode Air comes from the floor outlets.</p>
	<p>Rear Temperature Control</p> <ul style="list-style-type: none"> • Rear Passenger Temperature Up Button To change the temperature in the rear of the vehicle, push temperature control up button to raise the temperature. The rear temperature settings are displayed in control head. • Rear Passenger Temperature Down Button To change the temperature in the rear of the vehicle, push temperature control down button to lower the temperature. The rear temperature settings are displayed in control head.



Icon	Description
	<p>Rear Blower Control The rear blower control can be manually set to off, or any fixed blower speed by pushing the blower control buttons. This allows the rear seat occupants to control the volume of air circulated in the rear of the vehicle. The larger of the two icons increases blower speed, whereas the smaller of the two icons decreases the blower speed.</p>
<p>AUTO</p>	<p>AUTO Button Automatically controls the interior cabin temperature by adjusting airflow distribution and amount. Performing this function will cause the system to switch between manual mode and automatic modes. Refer to “Automatic Operation” within this section for more information.</p>
	<p>Rear Climate Control/Blower Off To manually set the rear blower controls to off, press the Rear Climate Control/Blower Off button.</p>

Operating Tips

Summer Operation

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

Winter Operation

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

Vacation/Storage

Before you store your vehicle, or keep it out of service (i.e., vacation) for two weeks or more, run the air conditioning system at idle for about five minutes, in fresh air with the blower setting on high. This will ensure adequate system lubrication to minimize the possibility of compressor damage when the system is started again.

Window Fogging

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

CAUTION!

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

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

Outside Air Intake

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

Cabin Air Filter

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

WINDOWS

Power Windows

You can control either the front or rear windows using controls located on the driver's door trim panel.

The driver may lock out the rear power windows by pushing the bar control just below the power window controls.

The controls will operate only when the ignition switch is in the ON/RUN or ACC position and during power accessory delay.



Driver's Power Window Controls

- 1 — Front Driver And Passenger Window Controls
- 2 — Rear Passenger Window Controls
- 3 — Power Window Lockout Switch — If Equipped



NOTE:

Power Window controls will also remain active for up to 10 minutes after the ignition switch has been turned to OFF, depending upon the accessory delay setting. Opening a front door will cancel this feature.

There is a single control on the front passenger's door trim panel which operates the passenger door window and a set of controls that lock and unlock all doors. The controls will operate only when the ignition switch is in the ON/RUN or ACC position and during power accessory delay.

Auto Up Feature With Anti-Pinch Protection – If Equipped

The front driver and front passenger controls may be equipped with an Auto Up feature. Lift the window control fully upward to the second detent, release, and the window will go up automatically.

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

To close the window part way, lift the window control to the first detent and release when you want the window to stop.

NOTE:

- If the window runs into any obstacle during auto-closure, it will reverse direction and then go back down. Remove the obstacle and use the window control again to close the window.
- Any impact due to rough road conditions may trigger the auto reverse function unexpectedly during auto-closure. If this happens, pull the control lightly to the first detent and hold to close window manually.

WARNING!

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

Sliding Side Door Power Window Control – If Equipped

Second row passengers may open and close the sliding door window by a single control on the door handle assembly.

The controls will operate only when the ignition switch is in the ON/RUN or ACC position and during power accessory delay.

NOTE:

The controls will not operate if the driver has activated the Power Window Lockout.



Sliding Door Power Window Switch

NOTE:

The sliding door windows do not fully open, stopping several inches above the window sill.

Wind Buffeting

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

PANORAMIC SUNROOF — IF EQUIPPED



**Panoramic Sunroof And Power Shade
Switches**

- 1 — Sunroof Switch
- 2 — Power Shade Switch

The Panoramic Sunroof switch is located to the left between the sun visors on the overhead console.

The Power Shade switch is located to the right between the sun visors on the overhead console.

WARNING!

- Never leave children unattended in a vehicle, or with access to an unlocked vehicle. Never leave the key fob in or near the vehicle, or in a location accessible to children. Do not leave the ignition of a vehicle equipped with Keyless Enter-N-Go in the ACC or ON/RUN mode. Occupants, particularly unattended children, can become entrapped by the power sunroof while operating the power sunroof switch. Such entrapment may result in serious injury or death.
- In a collision, there is a greater risk of being thrown from a vehicle with an open sunroof. You could also be seriously injured or killed. Always fasten your seat belt properly and make sure all passengers are also properly secured.
- Do not allow small children to operate the sunroof. Never allow your fingers, other body parts, or any object, to project through the sunroof opening. Injury may result.



Opening Sunroof

Express Mode

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

NOTE:

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

Manual Mode

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

Venting Sunroof – Express

Push and release the “Vent” button within one second and the sunroof will open to the vent position. This is called “Express Vent”, and it will occur regardless of sunroof position.

NOTE:

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

Closing Sunroof

Express Mode

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

Manual Mode

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

Power Sun Shade – If Equipped

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

Opening Power Shade – Express Mode

Push the sunshade switch rearward and release it within one second and the sunshade will open to the half-open position and stop automatically. Push and release the switch again from the half-open position and the sunshade will open to the full-open position and stop automatically. This is called “Express Open.” During Express open operation, any movement of the sunshade switch will stop the shade.

Opening Power Shade – Manual Mode

Push and hold the sunshade switch rearward and the shade will open to the half-open position and stop automatically. Push and hold the sunshade switch rearward again and the shade will open automati-

cally to the full-open position. Any release of the switch will stop the movement and the sunshade will remain in a partially opened condition until the switch is pushed again.

Closing Power Shade — Express Mode

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

NOTE:

If the sunroof is open, the shade will close to the half-open position. Pushing the shade close button again will automatically close both the sunroof and shade completely.

Closing Power Shade — Manual Mode

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

Pinch Protect Feature

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

NOTE:

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

Sunroof Maintenance

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

Ignition Off Operation

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

NOTE:

Ignition Off time is programmable through the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.

HOOD

Opening

WARNING!

Always cycle the ignition to OFF mode before opening the hood. If the ignition is in ON mode and the Propulsion System is active when the hood is opened, the engine will automatically start, and persons not clear of the vehicle could be injured by the engine’s moving parts.

The hood release lever (to open the primary latch) and safety latch (to open the secondary latch) must be released to open the hood.

1. Pull the hood release lever located under the driver’s side of the instrument panel.





Hood Release Lever

2. Move to the outside of the front of the vehicle.
3. Push the safety latch release lever toward the passenger side of the vehicle. The safety latch is located behind the center front edge of the hood.



Safety Latch Location

4. Remove the support rod from the locking tab and insert it into the seat located on the underside of the hood.

NOTE:

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

- If the vehicle was actively charging the HV battery when the hood was opened, the vehicle will stop charging until the hood is closed.

Closing

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

NOTE:

If the vehicle stopped charging the HV battery when the hood was opened, the vehicle will resume charging when the hood closes.

WARNING!

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

CAUTION!

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

LIFTGATE

Opening

To Unlock/Enter The Liftgate

The liftgate may be released in several ways:

- Overhead console liftgate button
- Key fob
- Outside handle

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

The key fob and the overhead console button will release the liftgate when the liftgate is locked. The outside handle requires the liftgate to be unlocked. If the vehicle is equipped with Passive Entry, pulling

the outside handle will unlock and release the liftgate, with a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate.



Unlock Liftgate Using Passive Entry

NOTE:

If 1st Press of key fob Unlocks “All Doors” is programmed in Uconnect Settings, all doors will unlock with a Passive Entry handle activation. If 1st Press of key fob Unlocks “Driver Door” is programmed in Uconnect Settings, the liftgate will only unlock with handle activation. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.

Closing

To Close The Liftgate

Grasp the liftgate closing handle and initiate lowering the liftgate. Release the handle when the liftgate takes over the closing effort.

To Lock The Vehicle

With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, pushing the passive entry lock button located to the right of the outside handle will lock the vehicle.

WARNING!

- Driving with the liftgate open can allow poisonous exhaust gases into your vehicle. You and your passengers could be injured by these fumes. Keep the liftgate closed when you are operating the vehicle.
- If you are required to drive with the liftgate open, make sure that all windows are closed, and the climate control blower switch is set at high speed. Do not use the recirculation mode.



Power Liftgate – If Equipped

The power liftgate may be opened or closed in several ways:

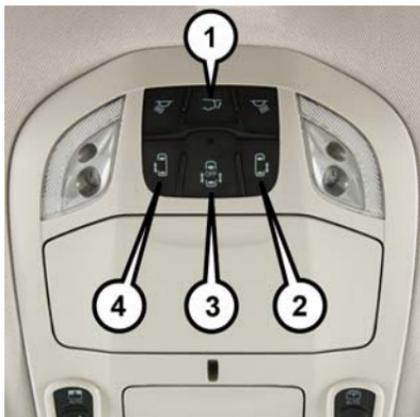
- Overhead console liftgate button
- Key fob
- Outside handle (opens liftgate only)
- Button just inside the liftgate on the upper left trim (when liftgate is open)
- Hands-Free Liftgate (opens liftgate only) – If Equipped

Using the above ways:

- When the liftgate is fully closed, the liftgate will open
- When the liftgate is fully open, the liftgate will close
- When the liftgate is moving, the liftgate will reverse

Push the Power Liftgate button on the Overhead Console to open or close the liftgate.

Push the liftgate button on the key fob twice within five seconds to open or close the liftgate.



Overhead Console Power Switches

- 1 – Liftgate
- 2 – Right Sliding Door
- 3 – Sliding Door Power Off
- 4 – Left Sliding Door

The key fob and the overhead console button will operate the liftgate when the liftgate is locked. The outside handle requires the liftgate to be unlocked. If the vehicle is equipped with Passive Entry, depressing the touch pad on the outside handle or

Hands-Free Liftgate foot activation (if equipped) will unlock and open the liftgate, with a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate handle.

NOTE:

- To open the liftgate, the Hands-Free Liftgate foot activation (if equipped) requires a valid Passive Entry key fob within 5 ft (1.5 m) of the door handle.
- If 1st Press of key fob Unlocks “All Doors” is programmed in Uconnect Settings, all doors will unlock with a Passive Entry hands-free activation. If 1st Press of key fob Unlocks “Driver Door” is programmed in Uconnect Settings, the liftgate will only unlock with hands-free activation.
- Tones are sounded and the turn signals are flashed with liftgate movements. These alerts can be turned on or off in Uconnect Settings.
- Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.

To Close The Liftgate

The liftgate can also be closed using the Rear Interior Power Liftgate button (if equipped), located in the upper left trim in the liftgate opening.

Lock The Vehicle

With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, pushing the passive entry lock button located to the right of the outside handle will lock the vehicle.

Hands-Free Liftgate – If Equipped



Hands-Free Liftgate Activation Zone

To open the liftgate using hands-free activation, use a straight in and out kicking motion under the vehicle activation zone in the general location below the liftgate door handle. Do not move your foot sideways or in a sweeping motion or the sensors may not detect the motion.

When a valid kicking motion is completed, the liftgate will chime, the hazard lights will flash and the liftgate will open after approximately one second. This assumes all options are enabled in the radio.

NOTE:

To open the Hands-Free Liftgate requires a valid Passive Entry key fob within 5 ft (1.5 m) of the door handle. If a valid Passive Entry key fob is not within 5 ft (1.5 m), the liftgate will not respond to any kicks.

CAUTION!

The Hands-Free Liftgate feature may be turned on or off in Uconnect Settings. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information. The Hands-Free Liftgate feature should be turned off during Jacking, Tire Changing, and Vehicle Service.

NOTE:

- The Hands-Free Liftgate will only operate when the transmission is in Park.
- If anything obstructs the Hands-Free liftgate while it is opening, the liftgate will automatically reverse to the closed position, provided it meets sufficient resistance.
- There are pinch sensors attached to the side of the liftgate opening. Light pressure anywhere along these strips will cause the liftgate to return to the open position.
- If the power liftgate encounters multiple obstructions within the same cycle, the system will automatically stop. If this occurs, the liftgate must be operated manually.
- The power liftgate will release, but not power open, in temperatures below -12°F (-24°C). Be sure to remove any buildup of snow or ice from the liftgate before opening the liftgate.
- If the liftgate is left open for an extended period of time, the liftgate may need to be closed manually to reset power liftgate functionality.



WARNING!

- Driving with the liftgate open can allow poisonous exhaust gases into your vehicle. You and your passengers could be injured by these fumes. Keep the liftgate closed when you are operating the vehicle.
- If you are required to drive with the liftgate open, make sure that all windows are closed, and the climate control blower switch is set at high speed. Do not use the recirculation mode.

Gas props support the liftgate in the open position. However, because the gas pressure drops with temperature, it may be necessary to assist the props when opening the liftgate in cold weather.

NOTE:

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

WARNING!

During power operation, personal injury or cargo damage may occur. Ensure the liftgate

WARNING!

travel path is clear. Make sure the liftgate is closed and latched before driving away.

UNIVERSAL GARAGE DOOR OPENER (HOMELINK)



HomeLink Buttons And Indicator Light

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

- The HomeLink buttons that are located in the overhead console or sunvisor designate the three different HomeLink channels.
- To operate HomeLink, push and release any of the programmed HomeLink buttons. These buttons will activate the devices they are programmed to with each press of the corresponding HomeLink button.
- The HomeLink indicator light is located above the center button.

Before You Begin Programming HomeLink

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

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

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

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

Erasing All The HomeLink Channels

To erase the channels, follow this procedure:

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

NOTE:

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

Identifying Whether You Have A Rolling Code Or Non-Rolling Code Device

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

Rolling Code Devices

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

NOTE:

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

Non-rolling Code Devices

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

Programming HomeLink To A Garage Door Opener

To program any of the HomeLink buttons to activate your garage door opener motor, follow the steps below:

NOTE:

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

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



NOTE:

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

Rolling Code Garage Door Opener Final Steps**NOTE:**

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

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

Non-Rolling Code Garage Door Opener Final Steps

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

WARNING!

- Your motorized door or gate will open and close while you are programming the universal transceiver. Do not program the transceiver if people or pets are in the path of the door or gate.
- Do not run your vehicle in a closed garage or confined area while programming the transceiver. Exhaust gas from your vehicle contains Carbon Monoxide (CO) which is odorless and colorless. Carbon Monoxide is poisonous when inhaled and can cause you and others to be severely injured or killed.

Programming HomeLink To A Miscellaneous Device

Refer to “Programming HomeLink To A Garage Door Opener” for the procedure on how to program HomeLink to a miscellaneous device, as it follows the same procedure. Be sure to determine if the device has a rolling code, or non-rolling code before beginning the programming process.

NOTE:

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

Reprogramming A Single HomeLink Button

To reprogram a single HomeLink button that has been previously trained, without erasing all the channels, follow the procedure below. Be sure to determine whether the new device you want to program the HomeLink button to has a Rolling Code, or Non-rolling Code.

1. Cycle the ignition to the ON/RUN position, without starting the engine.
2. Push and hold the desired HomeLink button until the HomeLink Indicator light begins to flash after 20 seconds. **Do not release the button.**
3. **Without releasing the button**, proceed with Step 2 in “Programming HomeLink To A Garage Door Opener” and follow all remaining steps.

General Information

The following regulatory statement applies to all Radio Frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

INTERNAL EQUIPMENT

Power Outlets

Your vehicle is equipped with 12 Volt (15 Amp) power outlets, that can be used to power cellular phones, small electronics and other low powered electrical accessories. The power outlets can be labeled with either a “key” or a “battery” symbol to indicate how the outlet is powered. Power outlets labeled with a “key” are powered when the ignition is in the ON or ACC position, while the outlets labeled with a “battery” are connected directly to the battery and powered at all times.

NOTE:

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



CAUTION!

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

The front power outlet is located at the bottom of the instrument panel.



12 Volt Front Power Outlet

In addition to the front power outlet, there is also a power outlet located in the rear cargo area.



Rear Power Outlet

WARNING!

To avoid serious injury or death:

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

CAUTION!

- Many accessories that can be plugged in draw power from the vehicle's battery, even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the vehicle from starting.
- Accessories that draw higher power (i.e., coolers, vacuum cleaners, lights, etc.) will degrade the battery even more quickly. Only use these intermittently and with greater caution.
- After the use of high power draw accessories, or long periods of the vehicle not being started (with accessories still plugged in), the vehicle must be driven a sufficient length of time to allow the generator to recharge the vehicle's battery or plug the vehicle in with EVSE charger.
- The vehicle uses a power inverter connected to the HV battery to charge the 12V battery as well as supports the 12V electrical loads, when the vehicle is not ON.

Power Inverter – If Equipped

There is a 115 Volt, 150 Watt Power Inverter outlet located on the right side of the vehicle, before the third row of seats to convert DC current to AC current. The Power Inverter can power cellular phones, electronics and other low power devices requiring up to 150 Watts. Certain high-end video game consoles will exceed this power limit, as will most power tools.



Power Inverter

The Power Inverter turns on when the device is plugged in, and the ignition is in RUN mode. It turns off when the device is unplugged or the ignition is no longer in RUN mode.

The Power Inverter is designed with built-in overload protection. If the power rating of 150 Watts is exceeded, the Power Inverter shuts down. Once the electrical device has been removed from the Power Inverter, it resets. To avoid overloading the circuit, check the power ratings on electrical devices prior to using the Power Inverter.

WARNING!

To avoid serious injury or death:

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



INSTRUMENT CLUSTER DISPLAY

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

Instrument Cluster Display Location And Controls

The Instrument Cluster Display is located in the center of the instrument cluster.

The Main Menu items consists of the following:

- Speedometer
- Vehicle Info
- Driver Assist
- Hybrid Info
- Trip (Trip A/Trip B)
- Audio
- Messages
- Screen Setup

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



Instrument Cluster Display Control Buttons

- *Up Arrow Button*
Push and release the **up** arrow button to scroll upward through the Main Menu items.
- *Down Arrow Button*
Push and release the **down** arrow button to scroll downward through the Main Menu items.

- *Right Arrow Button*

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

- *Back/Left Arrow Button*

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

- *OK Button*

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

Oil Life Reset

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

- Unless reset, this message will continue to display each time the ignition is cycled to the ON/RUN position.

- To reset the oil change indicator, refer to the following procedure:

Without pressing the brake pedal, push the ENGINE START/STOP button and place the ignition in the ON/RUN position (do not start the vehicle.)

NOTE:

This procedure should only be performed after scheduled maintenance is completed. Resetting oil life other than when associated with a scheduled maintenance may result in severe engine damage.

1. Push the **OK** button to enter the instrument cluster display menu screen.
2. Push and release the **down** arrow button to access the “Oil Life” menu screen.
3. Push the **left** arrow button or right arrow button to access the “Vehicle Info” submenu.
4. Hold the **OK** button to reset the “Oil Life” to 100%.
5. Push the **up** arrow button to exit the instrument cluster display menu screen.

Secondary Method For Oil Life Reset Procedure

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

NOTE:

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

KeySense Cluster Messages – If Equipped

When the KeySense key is in use there will be:



- Continuous, dedicated telltale
- Unique Display Splash Screen



With KeySense in use there will be multiple associated messages shown in the following table:

Setting	Instrument Cluster Display Message
None – With vehicle ignition ON	“KeySense in use. Max vehicle speed set to xx MPH/or km/h”
Max Vehicle Speed	<ul style="list-style-type: none"> • “Max speed reached. KeySense in use” supported by a chime • “Approaching max speed xx MPH/km” supported by a chime
Start Up Fuel Alert message	“Range to empty xxx miles or km”
Early Low Fuel Alert Message	“Fuel Low”
ParkSense	“Feature cannot be disabled. KeySense in use”
Blind Spot	“Feature cannot be disabled. KeySense in use”
Forward Collision Warning	“Feature cannot be disabled. KeySense in use”

Instrument Cluster Display Menu Items

NOTE:

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

Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” in the Owner’s Manual for further information.

Instrument Cluster Display Programmable Features Screen Setup

Push the **up** or **down** arrow button to scroll through the Menu Items until the Screen Setup displays in the instrument cluster display. Push the **OK** button to enter Screen Setup. The Screen Setup feature allows you to change what information is displayed in the instrument cluster display as well as the location that information is displayed.

Configurable Screen Setup Menu Titles

• Compass	• Trip A Distance
• Outside Temp	• Trip B Distance
• Time	• Audio Info
• Range to Empty	• Menu Title
• Average MPG	• Speedometer (Digital Speed) select between MPH/km
• Current MPG	• Defaults (Restore/Cancel)
• Odometer	

Refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” in the Owner’s Manual for further information.

WARNING LIGHTS AND MESSAGES

The warning/indicator lights will illuminate in the instrument panel together with a dedicated message and/or acoustic signal when applicable. These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner's Manual, which you are advised to read carefully in all cases. Always refer to the information in this chapter in the event of a failure indication. All active telltales will display first if applicable. The system check menu may appear different based upon equipment options and current vehicle status. Some telltales are optional and may not appear.

Red Warning Lights

— Air Bag Warning Light

This warning light will illuminate to indicate a fault with the air bag, and will turn on for four to eight seconds as a bulb check when the ignition is placed in the ON/RUN or ACC/ON/RUN position. This light will illuminate with a single chime when a fault with the air bag has been detected, it will stay on

until the fault is cleared. If the light is either not on during startup, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible.

— Seat Belt Reminder Warning Light

This warning light indicates when the driver or passenger seat belt is unbuckled. When the ignition is first placed in the ON/RUN or ACC/ON/RUN position and if the driver's seat belt is unbuckled, a chime will sound and the light will turn on. When driving, if the driver or front passenger seat belt remains unbuckled, the Seat Belt Reminder Light will flash or remain on continuously and a chime will sound.

Refer to "Occupant Restraint Systems" in "Safety" for further information.

BRAKE — Brake Warning Light

This warning light monitors various brake functions, including brake fluid level and parking brake application. If the brake light turns on it may indicate that the parking brake is applied, that the brake fluid level is low, or that there is a problem with the anti-lock brake system reservoir.

If the light remains on when the parking brake has been disengaged, and the fluid level is at the full mark on the master cylinder reservoir, it indicates a possible brake hydraulic system malfunction or that a problem with the Brake Booster has been detected by the Anti-Lock Brake System (ABS) / Electronic Stability Control (ESC) system. In this case, the light will remain on until the condition has been corrected. If the problem is related to the brake booster, the ABS pump will run when applying the brake, and a brake pedal pulsation may be felt during each stop.

The dual brake system provides a reserve braking capacity in the event of a failure to a portion of the hydraulic system. A leak in either half of the dual brake system is indicated by the Brake Warning Light, which will turn on when the brake fluid level in the master cylinder has dropped below a specified level.

The light will remain on until the cause is corrected.

NOTE:

The light may flash momentarily during sharp cornering maneuvers, which change fluid level conditions. The vehicle should have service performed, and the brake fluid level checked.



If brake failure is indicated, immediate repair is necessary.

WARNING!

Driving a vehicle with the red brake light on is dangerous. Part of the brake system may have failed. It will take longer to stop the vehicle. You could have a collision. Have the vehicle checked immediately.

Vehicles equipped with the Anti-Lock Brake System (ABS) are also equipped with Electronic Brake Force Distribution (EBD). In the event of an EBD failure, the Brake Warning Light will turn on along with the ABS Light. Immediate repair to the ABS system is required.

Operation of the Brake Warning Light can be checked by turning the ignition switch from the OFF position to the ON/RUN position. The light should illuminate for approximately two seconds. The light should then turn off unless the parking brake is applied or a brake fault is detected. If the light does not illuminate, have the light inspected by an authorized dealer.

The light also will turn on when the parking brake is applied with the ignition switch in the ON/RUN position.

NOTE:

This light shows only that the parking brake is applied. It does not show the degree of brake application.



— Battery Charge Warning Light

This warning light illuminates when the 12 volt battery is not charging properly. If it stays on while the vehicle is running, there may be a malfunction with the charging system. Contact an authorized dealer as soon as possible.

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



— Engine Coolant Temperature Warning Light

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

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

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

— Electronic Throttle Control (ETC) Warning Light

This warning light will illuminate to indicate a problem with the Electronic Throttle Control (ETC) system. If a problem is detected while the vehicle is running, the light will either stay on or flash depending on the nature of the problem. Cycle the ignition when the vehicle is safely and completely stopped and the transmission is placed in the PARK position. The light should turn off. If the light remains on with the vehicle running, your vehicle will usually be drivable; however, see an authorized dealer for service as soon as possible.

NOTE:

This light may turn on if the accelerator and brake pedals are pressed at the same time.

If the light continues to flash when the vehicle is running, immediate service is required and you may experience reduced performance, an elevated/rough idle, or engine stall and your vehicle may require towing. The light will come on when the ignition is placed in the ON/RUN or ACC/ON/RUN position and remain on briefly as a bulb check. If the light does not come on during starting, have the system checked by an authorized dealer.

— Electric Power Steering Fault Warning Light

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

WARNING!

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

— Oil Temperature Warning Light

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

— Oil Pressure Warning Light

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

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

— Transmission Temperature Warning Light — If Equipped

This warning light will illuminate to warn of a high transmission fluid temperature. This may occur with strenuous usage such as trailer towing. If this light turns on, stop the vehicle and run the engine at idle

or slightly faster, with the transmission in PARK or NEUTRAL, until the light turns off. Once the light turns off, you may continue to drive normally.

WARNING!

If you continue operating the vehicle when the Transmission Temperature Warning Light is illuminated you could cause the fluid to boil over, come in contact with hot engine or exhaust components and cause a fire.

CAUTION!

Continuous driving with the Transmission Temperature Warning Light illuminated will eventually cause severe transmission damage or transmission failure.

— Vehicle Security Warning Light — If Equipped

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



 — Hood Open Warning Light

This warning light will illuminate when the hood is left open and not fully closed.

NOTE:

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

 — Door Open Warning Light — If Equipped

This warning light will illuminate when a door is ajar/open and not fully closed. This indicator will reflect which doors are open.

NOTE:

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

 — Liftgate Open Warning Light

This warning light will illuminate when the liftgate is open.

NOTE:

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

 — Hybrid Electric Vehicle System Service Light

This warning light will illuminate when service to the hybrid electric system is needed. It will be accompanied by a “Service Hybrid Electric Vehicle System” message in the cluster. If the telltale stays on or continues to come on, contact an authorized dealer as soon as possible.

 — Plug Status Fault Warning Light

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

- “Service Charging System” – If you see this message, it is recommended to unplug and plug in again, or try a different charging station. If an issue continues, contact your authorized dealer to service your high voltage charging system.

- “Issue Detected Check External Charging Station” – If you see this message, the charging station maybe powered off, having internal fault or being scheduled to charge later. It is recommended to try a different charging station. If an issue continues, then contact your authorized dealer.

NOTE:

Older or non-compliant J1772 EVSE models may not support charging of this vehicle. If this vehicle does not charge, it may be connected to a non-compliant Level 2 EVSE, and will flash indicators. Please identify this failure to the site operator and/or EVSE provider.

NOTE:

Before driving the vehicle make sure the charging cord has been removed from the charging inlet.

 — Torque Limited Warning Light

This warning light illuminates when vehicle acceleration is limited due to a reduction in engine or electric motor performance. Contact your authorized dealer for service if illumination persists.

Yellow Warning Lights

— Anti-Lock Brake (ABS) Warning Light

This warning light monitors the Anti-Lock Brake System (ABS). The light will turn on when the ignition is placed in the ON/RUN or ACC/ON/RUN position and may stay on for as long as four seconds.

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

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

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

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

vated. It should go out with the engine running. If the “ESC Indicator Light” comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this warning light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), see an authorized dealer as soon as possible to have the problem diagnosed and corrected.

- The “ESC Off Indicator Light” and the “ESC Indicator Light” come on momentarily each time the ignition is placed in the ON/RUN or ACC/ON/RUN position.
- The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive.
- This light will come on when the vehicle is in an ESC event.

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

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

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

— Electronic Park Brake Warning Light

This warning light will illuminate to indicate the Electronic Park Brake is not functioning properly and service is required. Contact an authorized dealer.

— LaneSense Warning Light — If Equipped

The LaneSense Warning Light will be solid yellow when the vehicle is approaching a lane marker. The warning light will flash when the vehicle is crossing the lane marker.

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

— Service LaneSense Warning Light — If Equipped

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

— Low Fuel Warning Light

When the fuel tank has approximately 1/8 of the fuel remaining, this warning light will illuminate, and a single chime will sound. The light will remain on until fuel is added.



 — **Low Washer Fluid Warning Light – If Equipped**

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

 — **Adaptive Cruise Control (ACC) Fault Warning Light – If Equipped**

This warning light will illuminate to indicate a fault in the ACC system. Contact a local authorized dealer for service.

For further information, refer to “Adaptive Cruise Control (ACC)” in “Starting And Operating.”

 — **Service Forward Collision Warning (FCW) Light – If Equipped**

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

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

 — **Engine Check/Malfunction Indicator Warning Light (MIL)**

The Engine Check/Malfunction Indicator Light (MIL) is a part of an Onboard Diagnostic System called OBD II that monitors engine and automatic transmission control systems. This warning light will illuminate when the ignition is in the ON/RUN position before engine start. If the bulb does not come on when turning the key from OFF to ON/RUN, have the condition checked promptly.

The vehicle should be serviced if the light stays on through several typical driving styles. In most situations, the vehicle will drive normally.

When the engine is running, the MIL may flash to alert serious conditions that could lead to immediate loss of power or severe catalytic converter damage. The vehicle should be serviced as soon as possible if this occurs.

WARNING!

A malfunctioning catalytic converter, as referenced above, can reach higher temperatures than in normal operating conditions. This can cause a fire if you drive slowly or park over flam-

WARNING!

mable substances such as dry plants, wood, cardboard, etc. This could result in death or serious injury to the driver, occupants or others.

CAUTION!

Prolonged driving with the Malfunction Indicator Light (MIL) on could cause damage to the vehicle control system. It also could affect fuel economy and driveability. If the MIL is flashing, severe catalytic converter damage and power loss will soon occur. Immediate service is required.

 — **Tire Pressure Monitoring System (TPMS) Warning Light**

The warning light switches on and a message is displayed to indicate that the tire pressure is lower than the recommended value and/or that slow pressure loss is occurring. In these cases, optimal tire duration and fuel consumption may not be guaranteed.

Should one or more tires be in the condition mentioned above, the display will show the indications corresponding to each tire.

CAUTION!

Do not continue driving with one or more flat tires as handling may be compromised. Stop the vehicle, avoiding sharp braking and steering. If a tire puncture occurs, repair immediately using the dedicated tire repair kit and contact an authorized dealer as soon as possible.

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a Tire Pressure Monitoring System (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your

tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Al-

ways check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

CAUTION!

The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. Aftermarket wheels can cause sensor damage. Using aftermarket tire sealants may cause the Tire Pressure Monitoring System (TPMS) sensor to become inoperable. After using an aftermarket tire sealant it is recommended that you take your vehicle to your authorized dealer to have your sensor function checked.



Yellow Indicator Lights

— Forward Collision Warning Off Indicator Light — If Equipped

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

Green Indicator Lights

— Turn Signal Indicator Lights

When the left or right turn signal is activated, the turn signal indicator will flash independently and the corresponding exterior turn signal lamps will flash. Turn signals can be activated when the multifunction lever is moved down (left) or up (right).

NOTE:

- A continuous chime will sound if the vehicle is driven more than 1 mile (1.6 km) with either turn signal on.
- Check for an inoperative outside light bulb if either indicator flashes at a rapid rate.

— KeySense Indicator Light — If Equipped

The KeySense indicator is illuminated when a KeySense key is detected upon startup of the vehicle. The indicator will remain lit for the entire key cycle as a reminder that the KeySense key is in use. While the KeySense key is in use, the vehicle will respond to settings associated with the KeySense profile.

Refer to “Keys” in “Getting to Know Your Vehicle” for further information.

— LaneSense Indicator Light — If Equipped

The LaneSense indicator light illuminates solid green when both lane markings have been detected and the system is “armed” and ready to provide visual and torque warnings if an unintentional lane departure occurs.

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

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

This indicator light will illuminate when the Adaptive Cruise Control speed is SET and there is no target vehicle detected.

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

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

This indicator light will illuminate when the Adaptive Cruise Control speed is SET and the target vehicle is detected.

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

READY — Ready To Drive Indicator Light

This indicator light will illuminate to indicate that the vehicle has enough power to be driven, regardless of the speed of the vehicle.

— Park/Headlight On Indicator Light

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

— Front Fog Indicator Light — If Equipped

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

— Cruise Control Set Indicator Light — If Equipped

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

— Plug Status Indicator Light

When plugged in, the green plug indicator light will illuminate if the EVSE charging plug is securely attached to the charging port. This indicates that the plug is detected, but doesn't mean it is charging. It will be accompanied with a cluster message indicating the charge status:

- “Plugged In And Charging”
- “Plugged In And Waiting to Charge On A Set Schedule”

- “Plugged in and Charging Complete”

NOTE:

The vehicle cannot be driven until it is unplugged.

White Indicator Lights

— Adaptive Cruise Control (ACC) Ready Light — If Equipped

This indicator light will illuminate when the vehicle equipped with Adaptive Cruise Control (ACC) has been turned on but not set.

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

— LaneSense Indicator Light — If Equipped

When the LaneSense system is ON, but not armed, the LaneSense indicator light illuminates solid white. This occurs when only left, right, or neither lane line has been detected. If a single lane line is detected, the system is ready to provide only visual warnings if an unintentional lane departure occurs on the detected lane line.

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

— Cruise Control ON Indicator Light

This indicator light will illuminate when the electronic speed control is ON, but a speed has not been set.

XXX MPH — Set Speed Display

The Set Speed Display indicator light indicates the set speed for the Speed Control and Adaptive Cruise Control (ACC) settings.

Blue Indicator Lights

— High Beam Indicator Light

This indicator light will illuminate to indicate that the high beam headlights are on. With the low beams activated, push the multifunction lever forward (toward the front of the vehicle) to turn on the high beams. Pull the multifunction lever rearward (toward the rear of the vehicle) to turn off the high beams. If the high beams are off, pull the lever toward you for a temporary high beam on, “flash to pass” scenario.



ONBOARD DIAGNOSTIC SYSTEM – OBD II

Your vehicle is equipped with a sophisticated Onboard Diagnostic system called OBD II. This system monitors the performance of the emissions, engine, and automatic transmission control systems. When these systems are operating properly, your vehicle will provide excellent performance and fuel economy, as well as emissions well within current government regulations.

If any of these systems require service, the OBD II system will turn on the Malfunction Indicator Light (MIL). It will also store diagnostic codes and other information to assist your service technician in making repairs. Although your vehicle will usually be drivable and not need towing, see an authorized dealer for service as soon as possible.

CAUTION!

- Prolonged driving with the MIL on could cause further damage to the emission control system. It could also affect fuel economy and driveability. The vehicle must be serviced before any emissions tests can be performed.
- If the MIL is flashing while the vehicle is running, severe catalytic converter damage and power loss will soon occur. Immediate service is required.

Onboard Diagnostic System (OBD II) Cybersecurity

Your vehicle is required to have an Onboard Diagnostic system (OBD II) and a connection port to allow access to information related to the performance of your emissions controls. Authorized service technicians may need to access this information to assist with the diagnosis and service of your vehicle and emissions system.

WARNING!

- ONLY an authorized service technician should connect equipment to the OBD II connection port in order to read the VIN, diagnose, or service your vehicle.
- If unauthorized equipment is connected to the OBD II connection port, such as a driver-behavior tracking device, it may:
 - Be possible that vehicle systems, including safety related systems, could be impaired or a loss of vehicle control could occur that may result in an accident involving serious injury or death.
 - Access, or allow others to access, information stored in your vehicle systems, including personal information.

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

SAFETY FEATURES

Regenerative Braking System (RBS) – Hybrid

Your vehicle has a Regenerative Braking System (RBS). The RBS replenishes the vehicle's high voltage battery during deceleration, and is particularly useful in stop-and-go city traffic. The electric motors which propel the vehicle forward can operate as generators when braking. The RBS recharges the high voltage battery under certain braking conditions by recapturing energy that would otherwise be lost while braking. The electric power that is generated goes back into the high voltage battery for later use, for example when acceleration is desired.

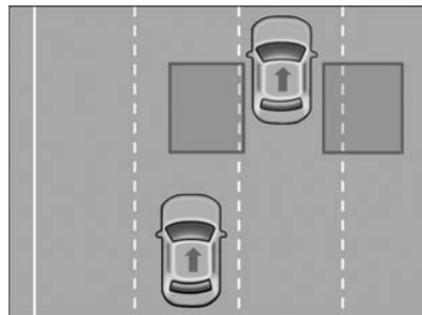
The RBS uses conventional hydraulic friction brakes, regenerative braking, or a combination to slow the vehicle. If the system detects slippery conditions while braking, ONLY friction is used to slow the vehicle. The RBS can result in extended life of the hydraulic service brakes; however, all inspection, scheduled maintenance, and service intervals for the vehicle service brakes must be followed.

AUXILIARY DRIVING SYSTEMS

Blind Spot Monitoring

The Blind Spot Monitoring (BSM) system uses two radar-based sensors located inside the rear bumper fascia to detect highway licensable vehicles (automobiles, trucks, motorcycles etc.) that enter the blind spot zones from the rear/front/side of the vehicle.

The BSM detection zone covers approximately one lane width on both sides of the vehicle 12 ft (3.8 m). The zone length starts at the outside rear view mirror and extends approximately 10 ft (3 m) beyond the rear bumper of the vehicle. The BSM system monitors the detection zones on both sides of the vehicle when the vehicle speed reaches approximately 6 mph (10 km/h) or higher, and will alert the driver of vehicles in these areas.



Rear Detection Zones

When the vehicle is started, the BSM warning light will momentarily illuminate in both outside rear view mirrors to let the driver know that the system is operational. The BSM system sensors operate when the vehicle is in any forward gear or REVERSE and enters stand by mode when the vehicle is in PARK.

The BSM warning light, located in the outside mirrors, will illuminate if a vehicle moves into a blind spot zone.





Blind Spot Warning Light

The BSM system can also be configured to sound an audible (chime) alert and mute the radio to notify you of objects that have entered the detection zones.

Rear Cross Path (RCP)

The Rear Cross Path (RCP) feature is intended to aid the driver when backing out of parking spaces where their vision of oncoming vehicles may be blocked. Proceed slowly and cautiously out of the parking space until the rear end of the vehicle is

exposed. The RCP system will then have a clear view of the cross traffic and if an oncoming vehicle is detected, alert the driver.

RCP monitors the rear detection zones on both sides of the vehicle, for objects that are moving toward the side of the vehicle with a minimum speed of approximately 3 mph (5 km/h), to objects moving a maximum of approximately 20 mph (32 km/h), such as in parking lot situations.

NOTE:

In a parking lot situation, oncoming vehicles can be obscured by vehicles parked on either side. If the sensors are blocked by other structures or vehicles, the system will not be able to alert the driver. Additionally, if the host vehicle is obscured by a flat object on one side the system can false alert on vehicles approaching from the opposite direction.

When RCP is on and the vehicle is in REVERSE, the driver is alerted using both the visual and audible alarms, including reducing the radio volume.

WARNING!

Rear Cross Path Detection (RCP) is not a back up aid system. It is intended to be used to help a

WARNING!

driver detect an oncoming vehicle in a parking lot situation. Drivers must be careful when backing up, even when using RCP. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. Failure to do so can result in serious injury or death.

Modes Of Operation

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

Blind Spot Alert Lights Only – Default Setting

When operating in Blind Spot Alert mode, the BSM system will provide a visual alert in the appropriate side view mirror based on a detected object. However, when the system is operating in Rear Cross Path (RCP) mode, the system will respond with both visual and audible alerts when a detected object is present. Whenever an audible alert is requested, the radio is muted.

Blind Spot Alert Lights/Chime

When operating in Blind Spot Alert Lights/Chime mode, the BSM system will provide a visual alert in the appropriate side view mirror based on a detected object. If the turn signal is then activated, and it corresponds to an alert present on that side of the vehicle, an audible chime will also be sounded. Whenever a turn signal and detected object are present on the same side at the same time, both the visual and audible alerts will be issued. In addition to the audible alert the radio (if on) will also be muted.

NOTE:

Whenever an audible alert is requested by the BSM system, the radio is also muted.

When the system is in RCP, the system shall respond with both visual and audible alerts when a detected object is present. Whenever an audible alert is requested, the radio is also muted. Turn/hazard signal status is ignored; the RCP state always requests the chime.

Blind Spot Alert Off

When the BSM system is turned off there will be no visual or audible alerts from either the BSM or RCP systems.

NOTE:

- The BSM system will store the current operating mode when the vehicle is shut off. Each time the vehicle is started the previously stored mode will be recalled and used.
- The BSM system can work in conjunction with the KeySense function of the vehicle if equipped. Refer to “KeySense Cluster Messages” in “Getting To Know Your Instrument Panel” for further information.

General Information

The following regulatory statement applies to all Radio Frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Forward Collision Warning (FCW)

The Forward Collision Warning (FCW) system provides the driver with audible and visual warnings within the instrument cluster display, to warn the driver when it detects a potential frontal collision. The warnings are intended to provide the driver with enough time to react, avoid or mitigate the potential collision.

NOTE:

FCW monitors the information from the forward looking sensors as well as the Electronic Brake Controller (EBC), to calculate the probability of a forward collision. When the system determines that a forward collision is probable, the driver will be provided with audible and visual warnings.

Turning FCW On Or Off

The forward collision button is located in the Uconnect display in the controls settings.

- To turn the FCW system off, press the forward collision button once to turn the system off.



- To turn the FCW system back on, press the forward collision button again to turn the system on.

NOTE:

- The default status of FCW is “on”, this allows the system to warn you of a possible collision with the vehicle in front of you.
- Changing the FCW status to “off” prevents the system from warning you of a possible collision with the vehicle in front of you. If FCW is set to “off”, “FCW OFF” will be displayed in the instrument cluster display.

Changing FCW Status

The FCW feature has three settings and can be changed within the Uconnect System Screen:

- Far
- Medium
- Near

Far

The far setting provides warnings for potential collisions more distant in front of the vehicle, allowing the driver to have the most reaction time to avoid a collision.

More cautious drivers that do not mind frequent warnings may prefer this setting.

NOTE:

This setting gives you the most reaction time.

Medium

The default status of FCW is the “Medium” setting and “Warning And Braking” is in the “on” setting. This allows the system to warn the driver of a possible collision with the vehicle in front using audible/visual warnings and it applies autonomous braking.

Near

Changing the FCW status to the “Near” setting, allows the system to warn you of a potential frontal collision when you are much closer.

This setting provides less reaction time than the “Far” setting, which allows for a more dynamic driving experience.

More dynamic or aggressive drivers that want to avoid frequent warnings may prefer this setting.

NOTE:

Changing the “Warning And Braking” status to “off” prevents the system from providing auton-

omous braking, or additional brake support if the driver is not braking adequately in the event of a potential frontal collision. “Warning And Braking” can be turned “off” in the Uconnect controls settings.

Refer to the Owner’s Manual for further information.

WARNING!

Forward Collision Warning (FCW) is not intended to avoid a collision on its own, nor can FCW detect every type of potential collision. The driver has the responsibility to avoid a collision by controlling the vehicle via braking and steering. Failure to follow this warning could lead to serious injury or death.

General Information

The following regulatory statement applies to all Radio Frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Tire Pressure Monitor System (TPMS)

The Tire Pressure Monitor System (TPMS) will warn the driver of a low tire pressure based on the vehicle recommended cold placard pressure.

NOTE:

The TPMS Warning Light will illuminate in the instrument cluster and a chime will sound when tire pressure is low in one or more of the four active road tires. In addition, the instrument cluster will display a graphic showing the pressure values of each tire with the low tire pressure values in a different color, when this occurs you must increase the tire pressure to the recommended cold placard pressure in order for the TPMS Warning Light to turn off.

The tire pressure will vary with temperature by approximately 1 psi (7 kPa) for every 12°F (6.5°C). This means that when the outside temperature decreases, the tire pressure will decrease. Tire pressure should always be set based on cold inflation tire pressure. This is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after a three hour period. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall. Refer to "Tires" in "Servicing and Maintenance" for information on how to properly inflate the vehicle's tires. The tire pressure will also increase as the vehicle is driven. This is normal and there should be no adjustment for this increased pressure.

The TPMS will warn the driver of a low tire pressure if the tire pressure falls below the low-pressure warning limit for any reason, including low temperature effects and natural pressure loss through the tire.

The TPMS will continue to warn the driver of low tire pressure as long as the condition exists, and will not turn off until the tire pressure is at or above the recommended cold placard pressure. Once the low tire pressure warning (TPMS Warning Light) illumi-

nates, you must increase the tire pressure to the recommended cold placard pressure in order for the TPMS Warning Light to turn off.

The system will automatically update and the TPMS Warning Light will turn off once the system receives the updated tire pressures. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

For example, your vehicle may have a recommended cold (parked for more than three hours) placard pressure of 33 psi (227 kPa). If the ambient temperature is 68°F (20°C) and the measured tire pressure is 28 psi (193 kPa), a temperature drop to 20°F (-7°C) will decrease the tire pressure to approximately 24 psi (165 kPa). This tire pressure is low enough to turn ON the "TPMS Warning Light." Driving the vehicle may cause the tire pressure to rise to approximately 28 psi (193 kPa), but the TPMS Warning Light will still be on. In this situation, the TPMS Warning Light will turn off only after the tires are inflated to the vehicle's recommended cold placard pressure value.



NOTE:

When filling warm tires, the tire pressure may need to be increased up to an additional 4 psi (28 kPa) above the recommended cold placard pressure in order to turn the TPMS Warning Light off.

CAUTION!

- The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. The TPM sensor is not designed for use on aftermarket wheels and may contribute to a poor overall system performance or sensor damage. Customers are encouraged to use OEM wheels to assure proper TPM feature operation.
- Using aftermarket tire sealants may cause the Tire Pressure Monitoring System (TPMS) sensor to become inoperable. After using an aftermarket tire sealant it is recommended that you take your vehicle to your authorized dealer to have your sensor function checked.

CAUTION!

- After inspecting or adjusting the tire pressure always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the TPMS sensor.

NOTE:

- The TPMS is not intended to replace normal tire care and maintenance, or to provide warning of a tire failure or condition.
- The TPMS should not be used as a tire pressure gauge while adjusting your tire pressure.
- Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.
- The TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure using an accurate tire pressure gauge, even if underinflation has not reached the level to trigger illumination of the TPMS Warning Light.

- Seasonal temperature changes will affect tire pressure, and the TPMS will monitor the actual tire pressure in the tire.

Premium System

The Tire Pressure Monitor System (TPMS) uses wireless technology with wheel rim mounted electronic sensors to monitor tire pressure levels. Sensors, mounted to each wheel as part of the valve stem, transmit tire pressure readings to the receiver module.

NOTE:

It is particularly important for you to check the tire pressure in all of the tires on your vehicle monthly and to maintain the proper pressure.

The TPMS consists of the following components:

- Receiver module
- Four tire pressure monitoring sensors
- Various tire pressure monitoring system messages, which display in the instrument cluster
- Tire Pressure Monitoring System Warning Light

Tire Pressure Monitoring Low Pressure Warnings



The Tire Pressure Monitoring System (TPMS) Warning Light will illuminate in the instrument cluster and a chime will sound when tire pressure is low in one or more of the four active road tires. In addition, the instrument cluster display will display a graphic showing the pressure values of each tire with the low tire pressure values in a different color.



Tire Pressure Monitoring System

Should this occur, you should stop as soon as possible and inflate the tires with low pressure (those in a different color in the instrument cluster display graphic) to the vehicle's recommended cold placard pressure value. Once the system receives the updated tire pressures, the system will automatically update if the ignition is in the ON/RUN position, the pressure values in the graphic display in the instrument cluster display and will return to their original color, and the TPMS Warning Light will turn off. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

Service TPMS Warning

When a system fault is detected, the Tire Pressure Monitoring System (TPMS) Warning Light will flash on and off for 75 seconds and then remain on solid. The system fault will also sound a chime. In addition, the instrument cluster will display a "SERVICE TPM SYSTEM" message for a minimum of five seconds and then display dashes (- -) in place of the pressure value to indicate which sensor is not being received.

If the ignition is cycled, this sequence will repeat, providing the system fault still exists. If the system fault no longer exists, the TPMS Warning Light will

no longer flash, and the "SERVICE TPM SYSTEM" message will no longer display, and a pressure value will display in place of the dashes. A system fault can occur due to any of the following:

- Jamming due to electronic devices or driving next to facilities emitting the same radio frequencies as the TPMS sensors.
- Installing some form of aftermarket window tinting that affects radio wave signals.
- Lots of snow or ice around the wheels or wheel housings.
- Using tire chains on the vehicle.
- Using wheels/tires not equipped with TPMS sensors.

Vehicles With Compact Spare — If Equipped

1. The compact spare tire does not have a tire pressure monitoring sensor. Therefore, the TPMS will not monitor the pressure in the compact spare tire.
2. If you install the compact spare tire in place of a road tire that has a pressure below the low-pressure warning limit, upon the next ignition cycle, the TPMS Warning Light will remain on



and a chime will sound. In addition, the graphic in the instrument cluster will still display a different color pressure value.

3. After driving the vehicle for up to 20 minutes above 15 mph (24 km/h), the TPMS Warning Light will flash on and off for 75 seconds and then remain on solid. In addition, the instrument cluster will display a “SERVICE TPM SYSTEM” message for five seconds and then display dashes (- -) in place of the pressure value.
4. For each subsequent ignition cycle, a chime will sound, the TPMS Warning Light will flash on and off for 75 seconds and then remain on solid, and the instrument cluster will display a “SERVICE TPM SYSTEM” message for five seconds and then display dashes (- -) in place of the pressure value.
5. Once you repair or replace the original road tire and reinstall it on the vehicle in place of the compact spare, the TPMS will update automatically. In addition, the TPMS Warning Light will turn off and the graphic in the instrument cluster will display a new pressure value instead of dashes (- -), as long as no tire pressure is below the low-pressure warning limit in any of the four

active road tires. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

TPMS Deactivation — If Equipped

The Tire Pressure Monitoring System (TPMS) can be deactivated if replacing all four wheel and tire assemblies (road tires) with wheel and tire assemblies that do not have TPMS Sensors, such as when installing winter wheel and tire assemblies on your vehicle.

To deactivate the TPMS, first, replace all four wheel and tire assemblies (road tires) with tires not equipped with Tire Pressure Monitoring (TPM) Sensors. Then, drive the vehicle for 20 minutes above 15 mph (24 km/h). The TPMS will chime, the TPMS Warning Light will flash on and off for 75 seconds and then remain on. The instrument cluster will display the “SERVICE TPM SYSTEM” message and then display dashes (- -) in place of the pressure values.

Beginning with the next ignition cycle, the TPMS will no longer chime or display the “SERVICE TPM SYSTEM” message in the instrument cluster but

dashes (- -) will remain in place of the pressure values.

To reactivate the TPMS, replace all four wheel and tire assemblies (road tires) with tires equipped with TPM sensors. Then, drive the vehicle for up to 20 minutes above 15 mph (24 km/h). The TPMS will chime, the TPMS Warning Light will flash on and off for 75 seconds and then turn off. The instrument cluster will display the “SERVICE TPM SYSTEM” message and then display pressure values in place of the dashes. On the next ignition cycle the “SERVICE TPM SYSTEM” message will no longer be displayed as long as no system fault exists.

General Information

The following regulatory statement applies to all radio frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

OCCUPANT RESTRAINT SYSTEMS

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

Occupant Restraint Systems Features

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

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

Important Safety Precautions

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

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

1. Children 12 years old and under should always ride buckled up in the rear seat of a vehicle with a rear seat.
2. A child who is not big enough to wear the vehicle seat belt properly (Refer to "Child Restraints" in this section for further information) must be secured in the appropriate child restraint or belt-positioning booster seat in a rear seating position.
3. If a child from 2 to 12 years old (not in a rear-facing child restraint) must ride in the front passenger seat, move the seat as far back as possible and use the proper child restraint (Refer to "Child Restraints" in this section for further information).
4. Never allow children to slide the shoulder belt behind them or under their arm.

5. You should read the instructions provided with your child restraint to make sure that you are using it properly.
6. All occupants should always wear their lap and shoulder belts properly.
7. The driver and front passenger seats should be moved back as far as practical to allow the front air bags room to inflate.
8. Do not lean against the door or window. If your vehicle has side air bags, and deployment occurs, the side air bags will inflate forcefully into the space between occupants and the door and occupants could be injured.
9. If the air bag system in this vehicle needs to be modified to accommodate a disabled person, refer to the "Customer Assistance" section for customer service contact information.

WARNING!

- Never place a rear-facing child restraint in front of an air bag. A deploying passenger front air bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.



WARNING!

- Never install a rear-facing child restraint in the front seat of a vehicle. Only use a rear-facing child restraint in the rear seat. If the vehicle does not have a rear seat, do not transport a rear-facing child restraint in that vehicle.

Seat Belt Systems

Buckle up even though you are an excellent driver, even on short trips. Someone on the road may be a poor driver and could cause a collision that includes you. This can happen far away from home or on your own street.

Research has shown that seat belts save lives, and they can reduce the seriousness of injuries in a collision. Some of the worst injuries happen when people are thrown from the vehicle. Seat belts reduce the possibility of ejection and the risk of injury caused by striking the inside of the vehicle. Everyone in a motor vehicle should be belted at all times.

Enhanced Seat Belt Use Reminder System (BeltAlert)**Driver and Passenger BeltAlert (if equipped)**

 BeltAlert is a feature intended to remind the driver and outboard front seat passenger (if equipped with outboard front passenger seat BeltAlert) to buckle their seat belts. The Belt Alert feature is active whenever the ignition switch is in the START or ON/RUN position.

Initial Indication

If the driver is unbuckled when the ignition switch is first in the START or ON/RUN position, a chime will signal for a few seconds. If the driver or outboard front seat passenger (if equipped with outboard front passenger seat BeltAlert) is unbuckled when the ignition switch is first in the START or ON/RUN position the Seat Belt Reminder Light will turn on and remain on until both outboard front seat belts are buckled. The outboard front passenger seat BeltAlert is not active when an outboard front passenger seat is unoccupied.

BeltAlert Warning Sequence

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

Change of Status

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

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

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

NOTE:

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

Lap/Shoulder Belts

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

The seat belt webbing retractor will lock only during very sudden stops or collisions. This feature allows the shoulder part of the seat belt to move freely with

you under normal conditions. However, in a collision the seat belt will lock and reduce your risk of striking the inside of the vehicle or being thrown out of the vehicle.

WARNING!

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

WARNING!

- Be sure everyone in your vehicle is in a seat and using a seat belt properly. Occupants, including the driver, should always wear their seat belts whether or not an air bag is also provided at their seating position to minimize the risk of severe injury or death in the event of a crash.
- Wearing your seat belt incorrectly could make your injuries in a collision much worse. You might suffer internal injuries, or you could even slide out of the seat belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.
- Two people should never be belted into a single seat belt. People belted together can crash into one another in a collision, hurting one another badly. Never use a lap/shoulder belt or a lap belt for more than one person, no matter what their size.

WARNING!

- A lap belt worn too high can increase the risk of injury in a collision. The seat belt forces



WARNING!

won't be at the strong hip and pelvic bones, but across your abdomen. Always wear the lap part of your seat belt as low as possible and keep it snug.

- A twisted seat belt may not protect you properly. In a collision, it could even cut into you. Be sure the seat belt is flat against your body, without twists. If you can't straighten a seat belt in your vehicle, take it to an authorized dealer immediately and have it fixed.
- A seat belt that is buckled into the wrong buckle will not protect you properly. The lap portion could ride too high on your body, possibly causing internal injuries. Always buckle your seat belt into the buckle nearest you.
- A seat belt that is too loose will not protect you properly. In a sudden stop, you could move too far forward, increasing the possibility of injury. Wear your seat belt snugly.
- A seat belt that is worn under your arm is dangerous. Your body could strike the inside surfaces of the vehicle in a collision, increasing head and neck injury. A seat belt worn under the arm can cause internal injuries. Ribs aren't

WARNING!

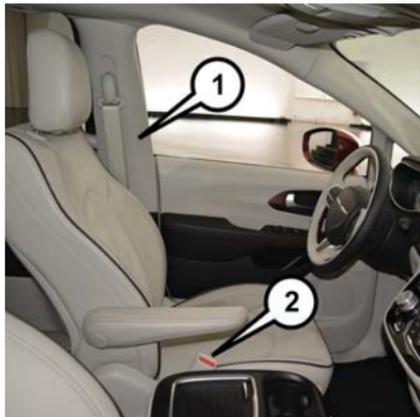
as strong as shoulder bones. Wear the seat belt over your shoulder so that your strongest bones will take the force in a collision.

- A shoulder belt placed behind you will not protect you from injury during a collision. You are more likely to hit your head in a collision if you do not wear your shoulder belt. The lap and shoulder belt are meant to be used together.
- A frayed or torn seat belt could rip apart in a collision and leave you with no protection. Inspect the seat belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the seat belt system. Seat belt assemblies must be replaced after a collision.

Lap/Shoulder Belt Operating Instructions

1. Enter the vehicle and close the door. Sit back and adjust the seat.
2. The seat belt latch plate is above the back of the front seat, and next to your arm in the rear seat (for vehicles equipped with a rear seat). Grasp

the latch plate and pull out the seat belt. Slide the latch plate up the webbing as far as necessary to allow the seat belt to go around your lap.



Pulling Out The Seat Belt

1 — Seat Belt

2 — Seat Belt Buckle

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

- Position the lap belt so that it is snug and lies low across your hips, below your abdomen. To remove slack in the lap belt portion, pull up on the shoulder belt. To loosen the lap belt if it is too tight, tilt the latch plate and pull on the lap belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision.
- Position the shoulder belt across the shoulder and chest with minimal, if any slack so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the shoulder belt.

- To release the seat belt, push the red button on the buckle. The seat belt will automatically retract to its stowed position. If necessary, slide the latch plate down the webbing to allow the seat belt to retract fully.

Lap/Shoulder Belt Untwisting Procedure

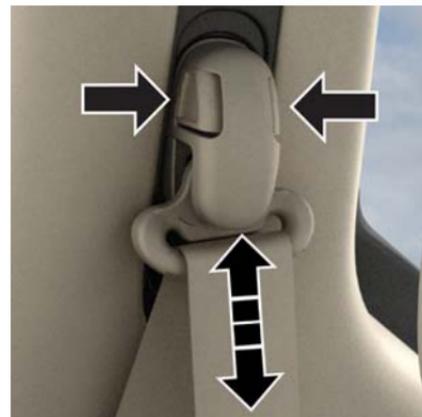
Use the following procedure to untwist a twisted lap/shoulder belt.

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

- At about 6 to 12 inches (15 to 30 cm) above the latch plate, grasp and twist the seat belt webbing 180 degrees to create a fold that begins immediately above the latch plate.
- Slide the latch plate upward over the folded webbing. The folded webbing must enter the slot at the top of the latch plate.
- Continue to slide the latch plate up until it clears the folded webbing and the seat belt is no longer twisted.

Adjustable Upper Shoulder Belt Anchorage

In the front and second row outboard seats the shoulder belt can be adjusted upward or downward to position the seat belt away from your neck. Push or squeeze the anchorage button to release the anchorage, and move it up or down to the position that serves you best.



Adjustable Anchorage

As a guide, if you are shorter than average, you will prefer the shoulder belt anchorage in a lower position, and if you are taller than average, you will prefer the shoulder belt anchorage in a higher position. After you release the anchorage button, try to move it up or down to make sure that it is locked in position.



NOTE:

The adjustable upper shoulder belt anchorage is equipped with an Easy Up feature. This feature allows the shoulder belt anchorage to be adjusted in the upward position without pushing or squeezing the release button. To verify the shoulder belt anchorage is latched, pull downward on the shoulder belt anchorage until it is locked into position.

WARNING!

- Wearing your seat belt incorrectly could make your injuries in a collision much worse. You might suffer internal injuries, or you could even slide out of the seat belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.
- Position the shoulder belt across the shoulder and chest with minimal, if any slack so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the shoulder belt.
- Misadjustment of the seat belt could reduce the effectiveness of the safety belt in a crash.
- Always make all seat belt height adjustments when the vehicle is stationary.

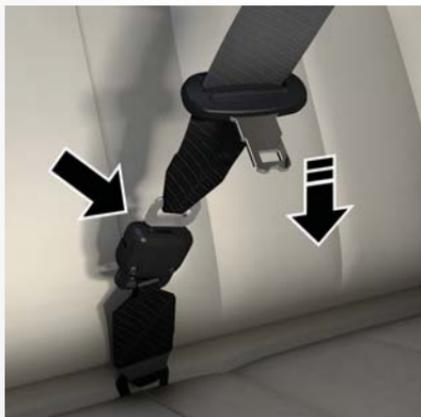
Second Row Center (If Equipped) And Third Row Center Seat Belt Operating Instructions

The second row center (if equipped) and third row center seat belts feature a seat belt with a mini-latch plate and buckle, which allows the seat belt to detach from the lower anchor when the seat is folded. The mini-latch plate and regular latch plate can then be stored out of the way in the headliner for added convenience to open up utilization of the storage areas behind the front seats when the seat is not occupied.

1. Remove the mini-latch plate and regular latch plate from its stowed position in the headliner slightly behind the second or third row seat.

**Mini-Latch Stowage**

2. Grasp the mini-latch plate and pull the seat belt over the seat.
3. Route the shoulder belt to the inside of the left head restraint.
4. When the seat belt is long enough to fit, insert the mini-latch plate into the mini-buckle until you hear a "click."



Connect Mini-Latch To Mini-Buckle

5. Sit back in seat. Slide the regular latch plate up the webbing as far as necessary to allow the seat belt to go around your lap.
6. When the seat belt is long enough to fit, insert the latch plate into the buckle until you hear a “click.”



Mini-Latch And Mini-Buckle Connected

7. Position the lap belt so that it is snug and lies low across your hips, below your abdomen. To remove slack in the lap belt portion, pull up on the shoulder belt. To loosen the lap belt if it is too tight, pull on the lap belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision.
8. Position the shoulder belt on your chest so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the seat belt.

9. To release the seat belt, push the red button on the buckle.
10. To disengage the mini-latch plate from the mini-buckle for storage, insert the regular latch plate into the center red slot on the mini-buckle. The seat belt will automatically retract to its stowed position. If necessary, slide the latch plate down the webbing to allow the seat belt to retract fully. Insert the mini-latch plate and regular latch plate into its stowed position.

WARNING!

- If the mini-latch plate and mini-buckle are not properly connected when the seat belt is used by an occupant, the seat belt will not be able to provide proper restraint and will increase the risk of injury in a collision.
- When reattaching the mini-latch plate and mini-buckle, ensure the seat belt webbing is not twisted. If the webbing is twisted, follow the preceding procedure to detach the mini-latch plate and mini-buckle, untwist the webbing, and reattach the mini-latch plate and mini-buckle.



Seat Belt Extender

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

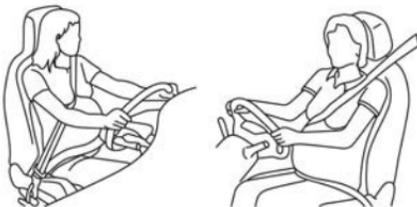
WARNING!

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

WARNING!

Remove and store the Seat Belt Extender when not needed.

Seat Belts And Pregnant Women



Pregnant Women And Seat Belts

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

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

Seat Belt Pretensioner

The front outboard seat belt system is equipped with pretensioning devices that are designed to remove slack from the seat belt in the event of a collision. These devices may improve the performance of the seat belt by removing slack from the seat belt early in a collision. Pretensioners work for all size occupants, including those in child restraints.

NOTE:

These devices are not a substitute for proper seat belt placement by the occupant. The seat belt still must be worn snugly and positioned properly.

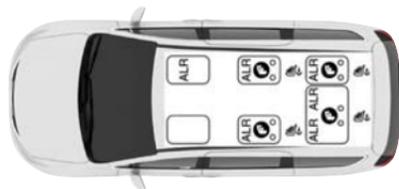
The pretensioners are triggered by the Occupant Restraint Controller (ORC). Like the air bags, the pretensioners are single use items. A deployed pretensioner or a deployed air bag must be replaced immediately.

Energy Management Feature

The front outboard seat belt system is equipped with an Energy Management feature that may help further reduce the risk of injury in the event of a collision. The seat belt system has a retractor assembly that is designed to release webbing in a controlled manner.

Switchable Automatic Locking Retractors (ALR)

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



7 Passenger Automatic Locking Retractor (ALR) Locations

ALR — Switchable Automatic Locking Retractor

If the passenger seating position is equipped with an ALR and is being used for normal usage, only pull the seat belt webbing out far enough to comfortably wrap around the occupant’s mid-section so as to not activate the ALR. If the ALR is activated, you will hear a clicking sound as the seat belt retracts.

Allow the webbing to retract completely in this case and then carefully pull out only the amount of webbing necessary to comfortably wrap around the occupant’s mid-section. Slide the latch plate into the buckle until you hear a “click.”

In Automatic Locking Mode, the shoulder belt is automatically pre-locked. The seat belt will still retract to remove any slack in the shoulder belt. Use the Automatic Locking Mode anytime a child restraint is installed in a seating position that has a seat belt with this feature. Children 12 years old and under should always be properly restrained in the rear seat of a vehicle with a rear seat.

WARNING!

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



How To Engage The Automatic Locking Mode

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

How To Disengage The Automatic Locking Mode

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

WARNING!

- The seat belt assembly must be replaced if the switchable Automatic Locking Retractor (ALR) feature or any other seat belt function is not working properly when checked according to the procedures in the Service Manual.
- Failure to replace the seat belt assembly could increase the risk of injury in collisions.

WARNING!

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

Seat Belt Park Stitch – If Equipped

The rear outboard seat belts may be equipped with a park stitch to raise the latch plate for easier access to occupants. If the park stitch interferes with the tight installation of a child restraint, slide the latch plate over the stitching to shorten the lap portion of the belt and install the car seat normally. When the car seat is removed from the vehicle, slide the latch plate above the park stitch to enable occupants to latch the seatbelt securely.



Seat Belt Park Stitch Location

Third Row Stow Clip - If Equipped

Your vehicle may be equipped with a stow clip on the lower trim behind the third row. This clip is used to hold the seat belt out of the path of the power folding third row seat. Only place the seat belt webbing in this clip while folding and opening the seat. Do not leave the webbing behind the clip when using the belt to restrain an occupant.



Third Row Stow Clip

WARNING!

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

Supplemental Restraint Systems (SRS)

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

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

Air Bag System Components

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

- Supplemental Knee Air Bags
- Front and Side Impact Sensors
- Seat Belt Pretensioners
- Seat Track Position Sensors
- Occupant Classification System

Air Bag Warning Light

 The ORC monitors the readiness of the electronic parts of the air bag system whenever the ignition switch is in the START or ON/RUN position. If the ignition switch is in the OFF position or in the ACC position, the air bag system is not on and the air bags will not inflate.

The ORC contains a backup power supply system that may deploy the air bag system even if the battery loses power or it becomes disconnected prior to deployment.

The ORC turns on the Air Bag Warning Light in the instrument panel for approximately four to eight seconds for a self-check when the ignition switch is first in the ON/RUN position. After the self-check, the Air Bag Warning Light will turn off. If the ORC detects a malfunction in any part of the system, it turns on the Air Bag Warning Light, either momen-



tarily or continuously. A single chime will sound to alert you if the light comes on again after initial startup.

The ORC also includes diagnostics that will illuminate the instrument panel Air Bag Warning Light if a malfunction is detected that could affect the air bag system. The diagnostics also record the nature of the malfunction. While the air bag system is designed to be maintenance free, if any of the following occurs, have an authorized dealer service the air bag system immediately.

- The Air Bag Warning Light does not come on during the four to eight seconds when the ignition switch is first in the ON/RUN position.
- The Air Bag Warning Light remains on after the four to eight-second interval.
- The Air Bag Warning Light comes on intermittently or remains on while driving.

NOTE:

If the speedometer, tachometer, or any engine related gauges are not working, the Occupant Restraint Controller (ORC) may also be disabled. In this condition the air bags may not be ready to inflate for your protection. Have an authorized dealer service the air bag system immediately.

WARNING!

Ignoring the Air Bag Warning Light in your instrument panel could mean you won't have the air bag system to protect you in a collision. If the light does not come on as a bulb check when the ignition is first turned on, stays on after you start the vehicle, or if it comes on as you drive, have an authorized dealer service the air bag system immediately.

Redundant Air Bag Warning Light



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

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

Front Air Bags

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



Front Air Bag/Knee Bolster Locations

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

WARNING!

- Being too close to the steering wheel or instrument panel during front air bag deployment could cause serious injury, including death. Air bags need room to inflate. Sit back, comfortably extending your arms to reach the steering wheel or instrument panel.

WARNING!

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

Driver And Passenger Front Air Bag Features

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

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

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

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

This vehicle is equipped with a right front passenger Occupant Classification System (“OCS”) that is designed to provide Passenger Advanced Front Air Bag output appropriate to the occupant’s seated weight input, as determined by the OCS.

WARNING!

- No objects should be placed over or near the air bag on the instrument panel or steering wheel because any such objects could cause



WARNING!

harm if the vehicle is in a collision severe enough to cause the air bag to inflate.

- Do not put anything on or around the air bag covers or attempt to open them manually. You may damage the air bags and you could be injured because the air bags may no longer be functional. The protective covers for the air bag cushions are designed to open only when the air bags are inflating.
- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, air bags won't deploy at all. Always wear your seat belts even though you have air bags.

Front Air Bag Operation

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

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

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

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

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

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

Occupant Classification System (OCS) – Front Passenger Seat

The OCS is part of a Federally regulated safety system for this vehicle. It is designed to provide Passenger Advanced Front Air Bag output appropriate to the occupant's seated weight, as determined by the OCS.

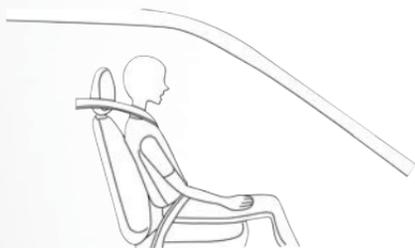
The Occupant Classification System (OCS) consists of the following:

- Occupant Restraint Controller (ORC)
- Occupant Classification Module (OCM) and Sensor located in the front passenger seat
- Air Bag Warning Light 

Occupant Classification Module (OCM) And Sensor

The Occupant Classification Module (OCM) is located underneath the front passenger seat. The Sensor is located beneath the passenger seat cushion foam. Any weight on the seat will be sensed by the Sensor. The OCM uses input from the Sensor to determine the front passenger's most probable classification. The OCM communicates this information to the ORC. The ORC may reduce the inflation rate of the Passenger Advanced Front Air

- Sitting with their back against the seatback and the seatback in an upright position



Seated Properly

Lighter Weight Passengers (Including Small Adults)

When a lighter weight passenger, including a small adult, occupies the front passenger seat, the OCS may reduce the inflation rate of the Passenger Advanced Front Air Bag. This does not mean that the OCS is working improperly.

Do not decrease OR increase the front passenger's seated weight on the front passenger seat

The front passenger's seated weight must be properly positioned on the front passenger seat. Failure to do so may result in serious injury or death. The OCS determines the most probable classification

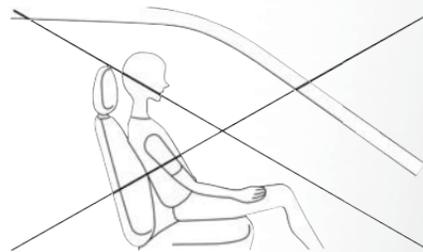
of the occupant that it detects. The OCS will detect the front passenger's decreased or increased seated weight, which may result in an adjusted inflation rate of the Passenger Advanced Front Air Bag in a collision. This does not mean that the OCS is working improperly. Decreasing the front passenger's seated weight on the front passenger seat may result in a reduced-power deployment of the Passenger Advanced Front Air Bag. Increasing the front passenger's seated weight on the front passenger seat may result in a full-power deployment of the Passenger Advanced Front Air Bag.

Examples of improper front passenger seating include:

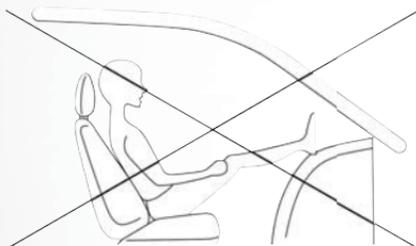
- The front passenger's weight is transferred to another part of the vehicle (like the door, arm rest or instrument panel).
- The front passenger leans forward, sideways, or turns to face the rear of the vehicle.
- The front passenger's seatback is not in the full upright position.
- The front passenger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

- Objects are lodged between the front passenger seat and center console.
- Accessories that may change the seated weight on the front passenger seat are attached to the front passenger seat.
- Anything that may decrease or increase the front passenger's seated weight.

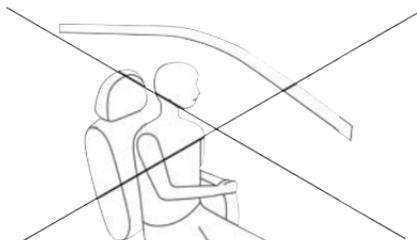
The OCS determines the front passenger's most probable classification. If an occupant in the front passenger seat is seated improperly, the occupant may provide an output signal to the OCS that is different from the occupant's properly seated weight input, for example:



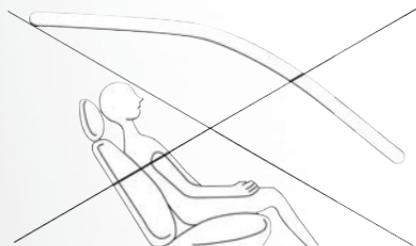
Not Seated Properly



Not Seated Properly



Not Seated Properly



Not Seated Properly

WARNING!

- If a child restraint system, child, small teenager or adult in the front passenger seat is seated improperly, the occupant may provide an output signal to the OCS that is different from the occupant's properly seated weight input. This may result in serious injury or death in a collision.
- Always wear your seat belt and sit properly, with the seatback in an upright position, your back against the seatback, sitting upright, facing forward, in the center of the seat, with your feet comfortably on or near the floor.

WARNING!

- Do not carry or hold any objects (e.g., backpacks, boxes, etc.) while seated in the front passenger seat. Holding an object may provide an output signal to the OCS that is different than the occupant's properly seated weight input, which may result in serious injury or death in a collision.
- Placing an object on the floor under the front passenger seat may prevent the OCS from working properly, which may result in serious injury or death in a collision. Do not place any objects on the floor under the front passenger seat.

The Air Bag Warning Light  in the instrument panel will turn on whenever the OCS is unable to classify the front passenger seat status. A malfunction in the OCS may affect the operation of the air bag system.

If the Air Bag Warning Light  does not come on, or stays on after you start the vehicle, or it comes on as you drive, take the vehicle to an authorized dealer for service immediately.



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

The following requirements must be strictly followed:

- Do not modify the front passenger seat assembly or components in any way.
- Do not use prior or future model year seat covers or cushions not designated by FCA US LLC for the specific model being repaired. Always use the correct seat cover and cushion specified for the vehicle.
- Do not replace the seat cover or cushion with an aftermarket seat cover or cushion.

- Do not add a secondary seat cover or mat.
- At no time should any Supplemental Restraint System (SRS) component or SRS related component or fastener be modified or replaced with any part except those which are approved by FCA US LLC.

WARNING!

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

Knee Impact Bolsters

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

WARNING!

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

Supplemental Driver And Front Passenger Knee Air Bags

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

Supplemental Side Air Bags

Supplemental Seat-Mounted Side Air Bags (SABs)

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

Supplemental Seat-Mounted Side Air Bags (SABs) are located in the outboard side of the front seats. The SABs are marked with “SRS AIRBAG” or “AIR-BAG” on a label or on the seat trim on the outboard side of the seats.

The SABs may help to reduce the risk of occupant injury during certain side impacts, in addition to the injury reduction potential provided by the seat belts and body structure.



Front Supplemental Seat-Mounted Side Air Bag

When the SAB deploys, it opens the seam on the outboard side of the seatback's trim cover. The inflating SAB deploys through the seat seam into the space between the occupant and the door. The SAB moves at a very high speed and with such a high force that it could injure occupants if they are not seated properly, or if items are positioned in the area where the SAB inflates. Children are at an even greater risk of injury from a deploying air bag.

WARNING!

Do not use accessory seat covers or place objects between you and the Side Air Bags; the performance could be adversely affected and/or objects could be pushed into you, causing serious injury.

Supplemental Side Air Bag Inflatable Curtains (SABICs)

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

Supplemental Side Air Bag Inflatable Curtains (SABICs) are located above the side windows. The trim covering the SABICs is labeled “SRS AIRBAG” or “AIRBAG.”





Supplemental Side Air Bag Inflatable Curtain (SABIC) Label Location

SABICs may help reduce the risk of head and other injuries to front and rear seat outboard occupants in certain side impacts, in addition to the injury reduction potential provided by the seat belts and body structure.

The SABIC deploys downward, covering the side windows. An inflating SABIC pushes the outside edge of the headliner out of the way and covers the window. The SABICs inflate with enough force to injure occupants if they are not belted and seated

properly, or if items are positioned in the area where the SABICs inflate. Children are at an even greater risk of injury from a deploying air bag.

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

WARNING!

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

Side Impacts

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

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

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

WARNING!

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

WARNING!

- Side Air Bags need room to inflate. Do not lean against the door or window. Sit upright in the center of the seat.

WARNING!

- Being too close to the Side Air Bags during deployment could cause you to be severely injured or killed.
- Relying on the Side Air Bags alone could lead to more severe injuries in a collision. The Side Air Bags work with your seat belt to restrain you properly. In some collisions, Side Air Bags won't deploy at all. Always wear your seat belt even though you have Side Air Bags.

NOTE:

Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.

Rollover Events

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

The Side Air Bags will not deploy in all rollover events. The rollover sensing system determines if a rollover event may be in progress and whether de-

ployment is appropriate. In the event the vehicle experiences a rollover or near rollover event, and deployment of the Side Air Bags is appropriate, the rollover sensing system will also deploy the seat belt pretensioners on both sides of the vehicle.

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

Air Bag System Components

NOTE:

The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with electrical Air Bag System Components listed below:

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



- Supplemental Knee Air Bags
- Front and Side Impact Sensors
- Seat Belt Pretensioners
- Seat Track Position Sensors
- Occupant Classification System

If A Deployment Occurs

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

NOTE:

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

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

- The air bag material may sometimes cause abrasions and/or skin reddening to the occupants as the air bags deploy and unfold. The abrasions are similar to friction rope burns or those you might get sliding along a carpet or gymnasium floor. They are not caused by contact with chemicals. They are not permanent and normally heal quickly. However, if you haven't healed significantly within a few days, or if you have any blistering, see your doctor immediately.

- As the air bags deflate, you may see some smoke-like particles. The particles are a normal by-product of the process that generates the non-toxic gas used for air bag inflation. These airborne particles may irritate the skin, eyes, nose, or throat. If you have skin or eye irritation, rinse the area with cool water. For nose or throat irritation, move to fresh air. If the irritation continues, see your doctor. If these particles settle on your clothing, follow the garment manufacturer's instructions for cleaning.

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

WARNING!

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

NOTE:

- Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.

- After any collision, the vehicle should be taken to an authorized dealer immediately.

Enhanced Accident Response System

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

- Cut off fuel to the engine (If Equipped)
- Cut off battery power to the electric motor (If Equipped)
- Flash hazard lights as long as the battery has power
- Turn on the interior lights, which remain on as long as the battery has power or for 15 minutes from the intervention of the Enhanced Accident Response System.
- Unlock the power door locks.

Your vehicle may also be designed to perform any of these other functions in response to the Enhanced Accident Response System:

- Turn off the Fuel Filter Heater, Turn off the HVAC Blower Motor, Close the HVAC Circulation Door

- Cut off battery power to the:
 - Engine
 - Electric Motor (if equipped)
 - Electric power steering
 - Brake booster
 - Electric park brake
 - Automatic transmission gear selector
 - Horn
 - Front wiper
 - Headlamp washer pump

NOTE:

After an accident, remember to cycle the ignition to the STOP (OFF/LOCK) position and remove the key from the ignition switch to avoid draining the battery. Carefully check the vehicle for fuel leaks in the engine compartment and on the ground near the engine compartment and fuel tank before resetting the system and starting the engine. If there are no fuel leaks or damage to the vehicle electrical devices (e.g. headlights) after an accident, reset the system by following the procedure described below. If you have any doubt, contact an authorized dealer.

Enhanced Accident Response System Reset Procedure

After an event occurs requiring activation of the Enhanced Accident Response System, when the system is active, a “*Service Hybrid Electric Vehicle System*” message will be displayed on the instrument cluster. The vehicle is not drivable in this state.

In order to reset the High Voltage Battery and Engine, the vehicle must be towed to an authorized dealer immediately to be inspected and have the Enhanced Accident Response System reset.

In order to immediately reset the Hazard Flashers, Interior Lights, Power Door Locks, HVAC Blower Motor, the ignition switch must be changed from START or ON/RUN to ignition OFF.

Maintaining Your Air Bag System

WARNING!

- Modifications to any part of the air bag system could cause it to fail when you need it. You could be injured if the air bag system is not there to protect you. Do not modify the components or wiring, including adding any kind of badges or stickers to the steering wheel hub

WARNING!

trim cover or the upper passenger side of the instrument panel. Do not modify the front bumper, vehicle body structure, or add aftermarket side steps or running boards.

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



Event Data Recorder (EDR)

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

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

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

NOTE:

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

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

Child Restraints

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

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

WARNING!

In a collision, an unrestrained child can become a projectile inside the vehicle. The force required to hold even an infant on your lap could become so great that you could not hold the child, no matter how strong you are. The child and others could be badly injured or killed. Any child riding in your vehicle should be in a proper restraint for the child's size.

There are different sizes and types of restraints for children from newborn size to the child almost large enough for an adult safety belt. Always check the child seat Owner's Manual to make sure you have the correct seat for your child. Carefully read and follow all the instructions and warnings in the child restraint Owner's Manual and on all the labels attached to the child restraint.

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

NOTE:

•For additional information, refer to <http://www.nhtsa.gov/parents-and-caregivers> or call: 1-888-327-4236

•Canadian residents should refer to Transport Canada’s website for additional information: <http://www.tc.gc.ca/eng/motorvehiclesafety/safedrivers-childsafety-index-53.htm>

Summary Of Recommendations For Restraining Children In Vehicles

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



Infant And Child Restraints

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

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

WARNING!

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

WARNING!

Do not install a rear-facing car seat using a rear support leg in this vehicle. The floor of this vehicle is not designed to manage the crash forces of this type of car seat. In a crash, the support leg may not function as it was designed by the car seat manufacturer, and your child may be more severely injured as a result.



Older Children And Child Restraints

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

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

WARNING!

- Improper installation can lead to failure of an infant or child restraint. It could come loose in a collision. The child could be badly injured or killed. Follow the child restraint manufacturer's

WARNING!

directions exactly when installing an infant or child restraint.

- After a child restraint is installed in the vehicle, do not move the vehicle seat forward or rearward because it can loosen the child restraint attachments. Remove the child restraint before adjusting the vehicle seat position. When the vehicle seat has been adjusted, reinstall the child restraint.
- When your child restraint is not in use, secure it in the vehicle with the seat belt or LATCH anchorages, or remove it from the vehicle. Do not leave it loose in the vehicle. In a sudden stop or accident, it could strike the occupants or seatbacks and cause serious personal injury.

Children Too Large For Booster Seats

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

1. Can the child sit all the way back against the back of the vehicle seat?

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

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

WARNING!

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



Recommendations For Attaching Child Restraints

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

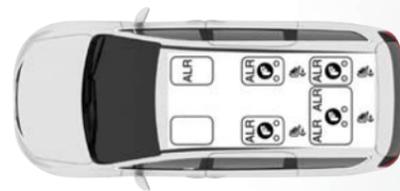
Lower Anchors And Tethers For Children (LATCH) Restraint System



LATCH Label

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

LATCH Positions For Installing Child Restraints In This Vehicle



7 Passenger LATCH Positions Second Row Quad

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

Frequently Asked Questions

What is the weight limit (child's weight + weight of the child restraint) for using the LATCH anchorage system to attach the child restraint?	65 lbs (29.5 kg)	Use the LATCH anchorage system until the combined weight of the child and the child restraint is 65 lbs (29.5 kg). Use the seat belt and tether anchor instead of the LATCH system once the combined weight is more than 65 lbs (29.5 kg).
Can the LATCH anchorages and the seat belt be used together to attach a rear-facing or forward-facing child restraint?	No	Do not use the seat belt when you use the LATCH anchorage system to attach a rear-facing or forward-facing child restraint. Booster seats may be attached to the LATCH anchorages if allowed by the booster seat manufacturer. See your booster seat owner's manual for more information.
Can two child restraints be attached using a common lower LATCH anchorage?	No	Never "share" a LATCH anchorage with two or more child restraints. If the center position does not have dedicated LATCH lower anchorages, use the seat belt to install a child seat in the center position next to a child seat using the LATCH anchorages in an outboard position.
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	The child seat may touch the back of the front passenger seat if the child restraint manufacturer also allows contact. See your child restraint owner's manual for more information.
Can the rear head restraints be removed?	Yes	The 2nd row head restraints can be removed if they interfere with the installation of the child restraint. The 3rd row center head restraint is removable, but the 3rd row outboard head restraints are not removable. Refer to "Head Restraints" in "Getting To Know Your Vehicle" for further information.



NOTE:

If the folding, non-adjustable head restraint interferes with the installation of the child restraint, the head restraint may be folded and the child seat installed in front of it.

WARNING!

Always make sure the head restraint is in its upright position when the seat is to be used by an occupant who is not in a child restraint. Sitting in a seat with the head restraint in its lowered position could result in serious injury or death in a collision.



Car Seat With Head Restraint Folded

- 1 – Folded Headrest
- 2 – Child Restraint

Locating The LATCH Anchorages

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



LATCH Anchorages
(Second Row Anchorages Shown)



LATCH Anchorages
(Third Row 60/40 Anchorages Shown)

Locating The Upper Tether Anchorages

 There are tether strap anchorages located behind all second row seating positions. The third row has a tether anchor on the 40% seat for the right outboard position and in the center of the 60% seat for either the center or left outboard seating position. All tether anchorages are located on the back of the seat, near the floor.



Tether Strap Anchorage
(Second Row Anchorage Shown)



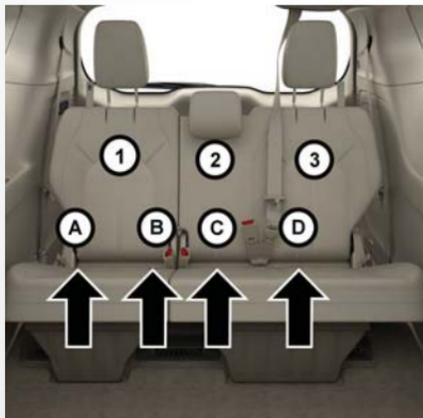
Tether Strap Anchorages
(Third Row 60/40 Anchorage Shown)

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



Center Seat LATCH

This vehicle has 4 lower LATCH anchorages in the third row, rear seat. Anchorages A and B are used for the right outboard position behind the front passenger (1). Anchorages C and D are used for the center seating position (2). The left outboard position (3) does not have lower anchorages. Do not install a child restraint using anchorages B and C. This is not a LATCH position in your vehicle.



Center Seat LATCH Positions

If a child restraint installed in the center position blocks the seat belt webbing or buckle for the outboard position, do not use that outboard position. If a child seat in the center position blocks the outboard LATCH anchors or seat belt, do not install a child seat in that outboard position.

WARNING!

- Use anchorages C and D to install a LATCH-compatible child restraint in the center seating position (2). Do not install a LATCH-compatible child restraint using anchorages B and C. This is not a LATCH-compatible position in your vehicle.
- Never use the same lower anchorage to attach more than one child restraint. Please refer to "To Install A LATCH-Compatible Child Restraint" for typical installation instructions.

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

To Install A LATCH-Compatible Child Restraint

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

1. Loosen the adjusters on the lower straps and on the tether strap of the child seat so that you can more easily attach the hooks or connectors to the vehicle anchorages.
2. Place the child seat between the lower anchorages for that seating position. For some second row seats, you may need to recline the seat and / or raise the head restraint (if adjustable) to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.

3. Attach the lower hooks or connectors of the child restraint to the lower anchorages in the selected seating position.
4. If the child restraint has a tether strap, connect it to the top tether anchorage. See the section “Installing Child Restraints Using the Top Tether Anchorage” for directions to attach a tether anchor.
5. Tighten all of the straps as you push the child restraint rearward and downward into the seat. Remove slack in the straps according to the child restraint manufacturer’s instructions.
6. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.

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

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

WARNING!

- Improper installation of a child restraint to the LATCH anchorages can lead to failure of the restraint. The child could be badly injured or killed. Follow the child restraint manufacturer’s directions exactly when installing an infant or child restraint.
- Child restraint anchorages are designed to withstand only those loads imposed by correctly-fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.



Installing Child Restraints Using The Vehicle Seat Belt

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

WARNING!

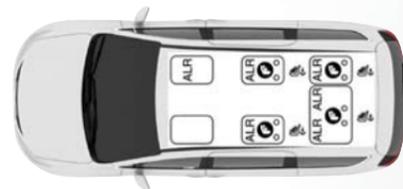
- Improper installation or failure to properly secure a child restraint can lead to failure of the restraint. The child could be badly injured or killed.
- Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

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

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

Please see the table below and the following sections for more information.

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



7 Passenger Quad Seat Automatic Locking Retractor (ALR) Locations

ALR = Switchable Automatic Locking Retractor

 — Top Tether Anchorage Symbol

Frequently Asked Questions About Installing Child Restraints With Seat Belts

What is the weight limit (child's weight + weight of the child restraint) for using the Tether Anchor with the seat belt to attach a forward facing child restraint?	Weight limit of the Child Restraint	Always use the tether anchor when using the seat belt to install a forward facing child restraint, up to the recommended weight limit of the child restraint.
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	Contact between the front passenger seat and the child restraint is allowed, if the child restraint manufacturer also allows contact.
Can the rear head restraints be removed?	Yes	The 2nd row head restraints can be removed if they interfere with the installation of the child restraint. The 3rd row center head restraint is removable, but the 3rd row outboard head restraints are not removable. Refer to "Head Restraints" in "Getting To Know Your Vehicle" for further information.
Can the buckle stalk be twisted to tighten the seat belt against the belt path of the child restraint?	No	Do not twist the buckle stalk in a seating position with an ALR retractor.



NOTE:

If the folding, non-adjustable head restraint interferes with the installation of the child restraint, the head restraint may be folded and the child seat installed in front of it.

WARNING!

Always make sure the head restraint is in its upright position when the seat is to be used by an occupant who is not in a child restraint. Sitting in a seat with the head restraint in its lowered position could result in serious injury or death in a collision.



Car Seat With Head Restraint Folded

- 1 – Folded Headrest
2 – Child Restraint

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

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

WARNING!

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

1. Place the child seat in the center of the seating position. For some second row seats, you may need to recline the seat and/or raise the head restraint (if adjustable) to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.
2. Pull enough of the seat belt webbing from the retractor to pass it through the belt path of the child restraint. Do not twist the belt webbing in the belt path.

- Slide the latch plate into the buckle until you hear a “click.”
- Pull on the webbing to make the lap portion tight against the child seat.
- To lock the seat belt, pull down on the shoulder part of the belt until you have pulled all the seat belt webbing out of the retractor. Then, allow the webbing to retract back into the retractor. As the webbing retracts, you will hear a clicking sound. This means the seat belt is now in the Automatic Locking mode.
- Try to pull the webbing out of the retractor. If it is locked, you should not be able to pull out any webbing. If the retractor is not locked, repeat step 5.
- Finally, pull up on any excess webbing to tighten the lap portion around the child restraint while you push the child restraint rearward and downward into the vehicle seat.
- If the child restraint has a top tether strap and the seating position has a top tether anchorage, connect the tether strap to the anchorage and tighten the tether strap. See the section “Installing Child Restraints Using the Top Tether Anchorage” for directions to attach a tether anchor.
- Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.

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

Seat Belt Park Stitch — If Equipped

The rear outboard seat belts may be equipped with a park stitch to raise the latch plate for easier access to occupants. If the park stitch interferes with the tight installation of a child restraint, slide the latch plate over the stitching to shorten the lap portion of the belt and install the car seat following the steps above. When the car seat is removed from the vehicle, slide the latch plate above the park stitch to enable occupants to latch the seatbelt securely.



Seat Belt Park Stitch Location



If the park stitch interferes with the lock-off features of the child restraint, do not use the lock-off feature. Instead, switch the seat belt to the locking mode, as described in the steps above or move the car seat to a different seating position.

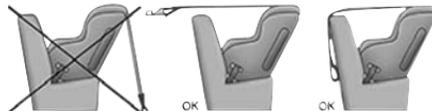


Seat Belt Park Stitch

Installing Child Restraints Using the Top Tether Anchorage

WARNING!

Do not attach a tether strap for a rear-facing car seat to any location in front of the car seat, including the seat frame or a tether anchorage. Only attach the tether strap of a rear-facing car seat to the tether anchorage that is approved for that seating position, located behind the top of the vehicle seat. See the section “Lower Anchors and Tethers for CHildren (LATCH) Restraint System” for the location of approved tether anchorages in your vehicle.



1. Look behind the seating position where you plan to install the child restraint to find the tether anchorage. You may need to move the seat forward to provide better access to the tether anchorage. If there is no top tether anchorage for that seating position, move the child restraint to another position in the vehicle if one is available.



Top Tether Anchorage Locations 3rd Row

2. Route the tether strap to provide the most direct path for the strap between the anchor and the child seat. If your vehicle is equipped with adjustable rear head restraints, raise the head restraint,

and where possible, route the tether strap under the head restraint and between the two posts. If not possible, lower the head restraint and pass the tether strap around the outboard side of the head restraint.

3. Attach the tether strap hook of the child restraint to the top tether anchorage as shown in the diagram.
4. Remove slack in the tether strap according to the child restraint manufacturer's instructions.



**Rear Seat Tether Strap Attachment
(Second Row Anchorage Shown)**

WARNING!

- An incorrectly anchored tether strap could lead to increased head motion and possible injury to the child. Use only the anchorage position directly behind the child seat to secure a child restraint top tether strap.
- If your vehicle is equipped with a split rear seat, make sure the tether strap does not slip into the opening between the seatbacks as you remove slack in the strap.

Third Row Tether Attachment

The tether anchorage found on the back of the 60% seat in the third row may be used by either the left outboard or the center seating position. Only tether one child restraint to the tether anchorage at a time.

To connect the tether strap hook to the tether anchorage for either seating position on the 60% third row seat:

1. Route the tether strap to provide the most direct path for the strap between the anchor and the child seat.

2. If the car seat is in the center, raise the center head restraint and route the tether strap around the inboard (left) side of the head restraint support posts, as shown in the diagram.
3. Attach the tether strap hook of the child restraint to the top tether anchorage as shown in the diagram.
4. Remove slack in the tether strap according to the child restraint manufacturer's instructions.



Center Tether Attachment - 3rd Row





Outboard Tether Attachments – 3rd Row

WARNING!

Do not connect the tether strap for more than one child restraint to the tether anchorage on the 60% seat in the third row. This anchorage is intended for one child restraint at a time.

Transporting Pets

Air Bags deploying in the front seat could harm your pet. An unrestrained pet will be thrown about and possibly injured, or injure a passenger during panic braking or in a collision.

Pets should be restrained in the rear seat (if equipped) in pet harnesses or pet carriers that are secured by seat belts.

SAFETY TIPS

Transporting Passengers

NEVER TRANSPORT PASSENGERS IN THE CARGO AREA.

WARNING!

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.
- It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.

WARNING!

- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

Exhaust Gas

WARNING!

Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing (CO), follow these safety tips:

- Do not run the engine in a closed garage or in confined areas any longer than needed to move your vehicle in or out of the area.
- If you are required to drive with the trunk/liftgate/rear doors open, make sure that all windows are closed and the climate control BLOWER switch is set at high speed. DO NOT use the recirculation mode.

WARNING!

- If it is necessary to sit in a parked vehicle with the engine running, adjust your heating or cooling controls to force outside air into the vehicle. Set the blower at high speed.

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

Whenever a change is noticed in the sound of the exhaust system, when exhaust fumes can be detected inside the vehicle, or when the underside or rear of the vehicle is damaged, have a competent mechanic inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, inspect the exhaust system each time the vehicle is raised for lubrication or oil change. Replace as required.

Safety Checks You Should Make Inside The Vehicle

Seat Belts

Inspect the seat belt system periodically, checking for cuts, frays, and loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system.

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

Air Bag Warning Light

The Air Bag warning light  will turn on for four to eight seconds as a bulb check when the ignition switch is first turned to ON/RUN. If the light is either not on during starting, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible. After the bulb check, this light will illuminate with a single chime when a fault with the Air Bag System has been

detected. It will stay on until the fault is removed. If the light comes on intermittently or remains on while driving, have an authorized dealer service the vehicle immediately.

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

Defroster

Check operation by selecting the defrost mode and place the blower control on high speed. You should be able to feel the air directed against the windshield. See an authorized dealer for service if your defroster is inoperable.

Floor Mat Safety Information

Always use floor mats designed to fit your vehicle. Only use a floor mat that does not interfere with the operation of the accelerator, brake or clutch pedals. Only use a floor mat that is securely attached using the floor mat fasteners so it cannot slip out of position and interfere with the accelerator, brake or clutch pedals or impair safe operation of your vehicle in other ways.



WARNING!

An improperly attached, damaged, folded, or stacked floor mat, or damaged floor mat fasteners may cause your floor mat to interfere with the accelerator, brake, or clutch pedals and cause a loss of vehicle control. To prevent **SERIOUS INJURY** or **DEATH**:

- ALWAYS securely attach  your floor mat using the floor mat fasteners. **DO NOT** install your floor mat upside down or turn your floor mat over. Lightly pull to confirm mat is secured using the floor mat fasteners on a regular basis.
- ALWAYS REMOVE THE EXISTING FLOOR MAT FROM THE VEHICLE  before installing any other floor mat. **NEVER** install or stack an additional floor mat on top of an existing floor mat.
- ONLY install floor mats designed to fit your vehicle. **NEVER** install a floor mat that cannot be properly attached and secured to your vehicle. If a floor mat needs to be replaced, only use a FCA approved floor mat for the specific make, model, and year of your vehicle.

WARNING!

- ONLY use the driver's side floor mat on the driver's side floor area. To check for interference, with the vehicle properly parked with the engine off, fully depress the accelerator, brake, and the clutch pedal (if present) to check for interference. If your floor mat interferes with the operation of any pedal, or is not secure to the floor, remove the floor mat from the vehicle and place the floor mat in your trunk.
- ONLY use the passenger's side floor mat on the passenger's side floor area.
- ALWAYS make sure objects cannot fall or slide into the driver's side floor area when the vehicle is moving. Objects can become trapped under accelerator, brake, or clutch pedals and could cause a loss of vehicle control.
- NEVER place any objects under the floor mat (e.g., towels, keys, etc.). These objects could change the position of the floor mat and may cause interference with the accelerator, brake, or clutch pedals.

WARNING!

- If the vehicle carpet has been removed and re-installed, always properly attach carpet to the floor and check the floor mat fasteners are secure to the vehicle carpet. Fully depress each pedal to check for interference with the accelerator, brake, or clutch pedals then re-install the floor mats.
- It is recommended to only use mild soap and water to clean your floor mats. After cleaning, always check your floor mat has been properly installed and is secured to your vehicle using the floor mat fasteners by lightly pulling mat.

Periodic Safety Checks You Should Make Outside The Vehicle

Tires

Examine tires for excessive tread wear and uneven wear patterns. Check for stones, nails, glass, or other objects lodged in the tread or sidewall. Inspect the tread for cuts and cracks. Inspect sidewalls for cuts, cracks, and bulges. Check the wheel nuts for tightness. Check the tires (including spare) for proper cold inflation pressure.

Lights

Have someone observe the operation of brake lights and exterior lights while you work the controls. Check turn signal and high beam indicator lights on the instrument panel.

Door Latches

Check for proper closing, latching, and locking.

Fluid Leaks

Check area under the vehicle after overnight parking for fuel, coolant, oil, or other fluid leaks. Also, if gasoline fumes are detected or if fuel, or brake fluid leaks are suspected. The cause should be located and corrected immediately.



STARTING THE VEHICLE

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

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 of a vehicle equipped with Keyless Enter-N-Go in the ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.
- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.

Request Propulsion System Active (PSA) or “Vehicle is Ready to Drive” mode with the gear selector in the PARK position. Apply the brake before shifting to any driving range.

NOTE:

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

Normal Starting

NOTE:

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

Achieving vehicle READY using the ENGINE START/STOP button.

1. The transmission must be in PARK or NEUTRAL.
2. Press and hold the brake pedal while pushing the ENGINE START/STOP button once.

3. The READY indicator will appear in the cluster when the vehicle is in ready to drive mode, which may include the start of the engine depending on conditions such as battery state of charge and engine temperature.
4. If you wish to terminate Vehicle is Ready to Drive mode, push the button again.

ENGINE START/STOP Button Functions — With Driver’s Foot OFF The Brake Pedal (In PARK Or NEUTRAL Position)

The ENGINE START/STOP button operates similar to an ignition switch by providing three positions: OFF, ACC and RUN. To change the ignition mode without starting the vehicle (to power certain accessories), follow these steps:

1. Starting with the ignition in the OFF mode.
2. Push the ENGINE START/STOP button once, without brake pedal being pressed, to place the ignition in the ACC mode (instrument cluster will display “ACC”).
3. Push the ENGINE START/STOP button a second time, without brake pedal being pressed, to place the ignition in the RUN mode (instrument cluster will display “Ignition or Accessory On”).

NOTE:

- The vehicle is not able to be driven in the “Ignition or Accessory On” mode, see “Achieving Vehicle Is Ready To Drive Mode Using the ENGINE START / STOP Button” previously defined in this section for further information.
 - The rotary gear selector will turn but only PARK and NEUTRAL are accessible in the “Ignition or Accessory On” mode.
4. Push the ENGINE START/STOP button a third time, without brake pedal being pressed, to return the ignition to the OFF mode (instrument cluster will display “OFF”).

NOTE:

Only press one pedal at a time while driving the vehicle. Torque performance of the vehicle could be reduced if both pedals are pressed at the same time. If pressure is detected on both pedals simultaneously, a warning message will display in the instrument cluster. For further information, refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel”.

AutoPark

AutoPark is a supplemental feature to assist in placing the vehicle in PARK should the situations on the following pages occur. It is a back up system and should not be relied upon as the primary method by which the driver shifts the vehicle into PARK.

The conditions under which AutoPark will engage are outlined on the following pages.

WARNING!

- Driver inattention could lead to failure to place the vehicle in PARK. ALWAYS DO A VISUAL CHECK that your vehicle is in PARK by verifying that a solid (not blinking) “P” is indicated in the instrument cluster display and near the gear selector. If the “P” indicator is blinking, your vehicle is not in PARK. As an added precaution, always apply the parking brake when exiting the vehicle.
- AutoPark is a supplemental feature. It is not designed to replace the need to shift your vehicle into PARK. It is a back up system and should not be relied upon as the primary method by which the driver shifts the vehicle into PARK.

ALWAYS DO A VISUAL CHECK that your vehicle is in PARK by looking for the “P” in the Instrument Cluster Display and on the shifter. As an added precaution, always apply the parking brake.

If the vehicle is not in PARK and the driver attempts to turn off the engine, if certain conditions are met, the vehicle will AutoPark, automatically shifting the vehicle’s transmission to the PARK position. The rotary shifter will automatically reset itself to the PARK position. The vehicle’s ignition will then move to the OFF position (Engine OFF). When AutoPark is activated the instrument cluster will display the message “AutoPark Engaged”

AutoPark will engage when all of these conditions are met:

- Vehicle is equipped with a rotary selector
- Vehicle is not in PARK
- Vehicle Speed is 1.2 MPH (1.9 km/h) or less
- Driver has pushed the ENGINE START/STOP BUTTON

If the vehicle is not in PARK and the driver exits the vehicle with the engine running, if certain conditions are met, the vehicle will AutoPark, automatically shifting the vehicle’s transmission



to the PARK position. The Electric Park Brake SAFE HOLD feature will also activate in some conditions. Please reference SAFE HOLD pages for additional information regarding this function.

CAUTION!

Engine will remain running.

AutoPark will engage when all of these conditions are met:

- Vehicle is equipped with a rotary selector
- Vehicle is not in PARK
- Vehicle speed is 1.2 MPH (1.9 km/h) or less
- Driver's door is ajar
- Driver's seat belt is unbuckled
- Brake Pedal is not depressed

The MESSAGE "AutoPark Engaged" will display in the instrument cluster.

AutoPark In Stop/Start Autostop Mode

- AutoPark will engage when all of these conditions are met:
- Vehicle is equipped with a rotary shifter

- Vehicle is not in PARK
- Vehicle speed is 1.2 MPH (1.9 km/h) or less
- Driver's door is ajar
- Driver's seat belt is unbuckled or Brake Pedal is not depressed

The MESSAGE "AutoPark Engaged" will display in the instrument cluster.

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 indi-

WARNING!

- cator 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 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.

WARNING!

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

CAUTION!

- Damage to the transmission may occur if the following precautions are not observed:
- Shift into or out of PARK or REVERSE only after the vehicle has come to a complete stop.

CAUTION!

- Before shifting into any gear, make sure your foot is firmly pressing the brake pedal with the exception of shifting between Drive and Low. Shifting between Drive and Low can occur without any brake application.

To Turn On The Engine Using ENGINE START/STOP Button

1. The transmission must be in PARK or NEUTRAL.
2. Press and hold the brake pedal while pushing the ENGINE START/STOP button once.

To release the parking brake manually, the ignition switch must be in the ON/RUN position. Press on the brake pedal, then push the park brake switch momentarily.

If the driver shifts into PARK while moving, the vehicle may Park.

Park will engage **ONLY** when vehicle speed is 1.2 MPH (1.9 km/h) or less.

The MESSAGE “**Vehicle Speed is Too High to Shift to P**” will display in the Instrument Cluster Display if vehicle speed is above 1.2 MPH

(1.9 km/h). The gear position indicator will blink continuously until the selector is returned to the proper position, or the requested shift can be completed.

WARNING!

If vehicle speed is not below 1.2 MPH (1.9 km/h) when the driver shifts into PARK, the transmission will default to NEUTRAL until the vehicle speed drops below 1.2 MPH (1.9 km/h) and the above condition are met, enabling AutoPark. A vehicle left in the NEUTRAL position can roll. As an added precaution, always apply the parking brake when exiting the vehicle.

After Starting

To optimize energy efficiency, the vehicle will automatically control engine operation.

To Turn Off The Vehicle Using ENGINE START/STOP Button

1. Place the gear selector in PARK, then push and release the ENGINE START/STOP button.
2. The ignition switch will return to the OFF position.



3. If the gear selector is not in PARK, with vehicle speed less than 5 mph (8 km/h), when the ENGINE START/STOP button is pushed, the instrument cluster display will display a “Vehicle Not In Park” message, and the vehicle will remain running.
4. If the gear selector is not in PARK, with vehicle speed greater than 5 mph (8 km/h), when the ENGINE START/STOP button is pushed continuously for at least two seconds (or three short pushes in a row) the vehicle ignition mode will exit Drive “Ready” mode and enter “Accessory mode”. Never leave a vehicle out of the PARK position, or it could roll.

NOTE:

- This vehicle is equipped with an automatic shutdown feature. If the vehicle is left in a “READY” state (vehicle running) with the shifter in “PARK” for one hour, the vehicle will automatically turn itself off.
- The vehicle provides automatic notification, using a three Horn Chirp Alert, cluster chiming, and a cluster message (“Key Fob has Left the Vehicle”) if the vehicle was not turned OFF (still “Ready to Drive”) and a valid FOB for the vehicle is not detected within the passenger cabin, following the

opening and closing of any passenger compartment door (requires all doors to be closed before the FOB check will occur). These automatic alerts are to remind the driver to turn OFF the vehicle before leaving it, as well as, to let the driver know that the vehicle’s FOB may have been unintentionally removed from the vehicle by an exiting passenger. After providing the horn chirp alert, additional auto chirps will be inhibited until the shifter has been moved out of Park or ignition cycled.

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, refer to “Fluids And Lubricants” in “Technical Specifications”.

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

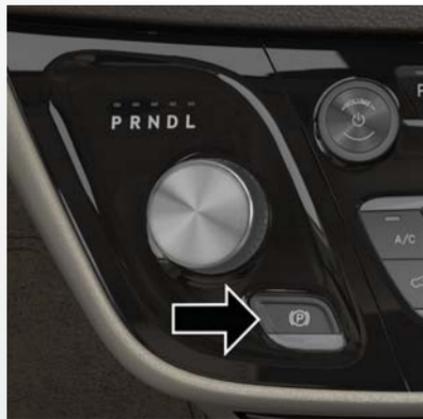
NOTE:

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

PARK BRAKE

Electric Park Brake (EPB)

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



Electric Park Brake Switch

To engage the park brake manually, push the Electric Park Brake Switch.

To release the park brake manually, the ignition switch must be in the ON/RUN position. Press on the brake pedal, then push the parking brake switch down momentarily.

The parking brake will disengage automatically when the ignition switch in the ON/RUN position, the transmission is in DRIVE or REVERSE, the driver seat belt is buckled, and an attempt is made to drive away by pressing the accelerator pedal.

NOTE:

- You may hear a slight whirring sound from the back of the vehicle while the parking brake engages or disengages.
- Once the parking brake is fully engaged, the BRAKE warning lamp in the instrument cluster and the LED indicator on the switch will illuminate. Once the park brake is fully disengaged, the BRAKE warning lamp in the instrument cluster and the LED indicator on the switch will extinguish.
- If your foot is on the brake pedal while you are engaging or disengaging the parking brake, you may notice a small amount of brake pedal movement.

- The park brake can be engaged even when the ignition switch is OFF. However, it can only be disengaged when the ignition switch is in the ON/RUN position.
- The EPB fault lamp will illuminate if the EPB switch is held for longer than 20 seconds in either the released or applied position. The light will extinguish upon releasing the switch.
- Refer to “Parking Brake” in “Starting And Operating” located in your Owner’s Manual for further information.

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.
- When exiting the vehicle, always make sure the ignition is in the OFF mode, 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.



WARNING!

ous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the transmission gear selector.

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

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.

SafeHold

SafeHold is a safety feature of the Electric Park Brake System that will engage the park brake automatically if the vehicle is left unsecured. If the automatic transmission is not in PARK, the seat belt is unbuckled, the driver door is open, the vehicle is at a standstill, and there is no attempt to depress the brake pedal or accelerator pedal, the park brake will automatically engage to prevent the vehicle from rolling.

SafeHold can be temporarily bypassed by pushing the Electric Park Brake Switch while the driver door is open and 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 cycled to the OFF position and back to ON again.

AUTOMATIC TRANSMISSION**WARNING!**

- Never use the PARK position as a substitute for the park brake. Always apply the park 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.

WARNING!

- It is dangerous to shift out of PARK or NEUTRAL 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 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 park 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

WARNING!

- could be seriously or fatally injured. Children should be warned not to touch the park brake, brake pedal or the transmission gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition in the ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.

CAUTION!

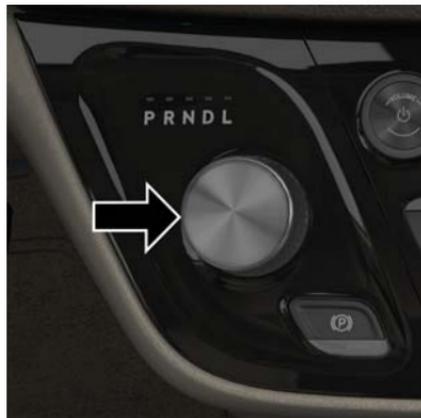
- Damage to the transmission may occur if the following precautions are not observed:
- Shift into or out of PARK or REVERSE only after the vehicle has come to a complete stop.
 - Before shifting into any gear, make sure your foot is firmly pressing the brake pedal with the exception of shifting between Drive and Low. Shifting between Drive and Low can occur without any brake application.

NOTE:

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

Hybrid Transmission

The transmission is controlled using a rotary electronic gear selector located on the center console. The transmission gear range (PRNDL) is displayed both above the gear selector and in the instrument cluster display.



Transmission Gear Selector

To select a gear range, simply rotate the gear selector.



NOTE:

You must press the brake pedal to shift the transmission out of PARK (or NEUTRAL, when stopped or moving at low speeds).

Push down on the gear selector and then rotate to access the L position.

Select the DRIVE range for normal driving.

SPEED CONTROL

When engaged, the Speed Control takes over accelerator operations at speeds greater than 25 mph (40 km/h).

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



Speed Control Switches

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

NOTE:

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

WARNING!

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

To Activate

Push the On/Off button to activate the Speed Control. 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 Speed Control system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have an accident. Always leave the system off when you are not using it.

To Set A Desired Speed

Turn the Speed Control on.

NOTE:

The vehicle should be traveling at a steady speed and on level ground before pushing the SET (+) or SET (-) button.

When the vehicle has reached the desired speed, push the SET (+) or SET (-) button and release. Release the accelerator and the vehicle will operate at the selected speed.

To Resume Speed

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

To Deactivate

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

Pushing the on/off button or cycling the ignition to OFF, erases the set speed from memory.

ADAPTIVE CRUISE CONTROL (ACC) – IF EQUIPPED



Adaptive Cruise Switches

- 1 – Adaptive Cruise Control (ACC) On/Off
- 2 – Distance Setting – Decrease
- 3 – Distance Setting – Increase



Adaptive Cruise Control (ACC) increases the driving convenience provided by cruise control while traveling on highways and major roadways. However, it is not a safety system and not designed to prevent collisions. **Speed Control function performs differently. Please refer to the proper section within this chapter.**

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

NOTE:

- If the sensor does not detect a vehicle ahead of you, ACC will maintain a fixed set speed.
- If the ACC sensor detects a vehicle ahead, ACC will apply limited braking or accelerate (not to exceed the original set speed) automatically to maintain a preset following distance, while matching the speed of the vehicle ahead.

WARNING!

- Adaptive Cruise Control (ACC) is a convenience system. It is not a substitute for active

WARNING!

driving involvement. It is always the driver's responsibility to be attentive of road, traffic, and weather conditions, vehicle speed, distance to the vehicle ahead; and, most importantly, brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.

- 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.

WARNING!

- Will bring the vehicle to a complete stop while following a target vehicle and hold the vehicle for approximately 3 minutes in the stop position. If the target vehicle does not start moving within 3 minutes the parking brake will be activated, and the ACC system will be cancelled.

You should switch off the ACC system:

- When driving in fog, heavy rain, heavy snow, sleet, heavy traffic, and complex driving situations (i.e., in highway construction zones).
- When entering a turn lane or highway off ramp; when driving on roads that are winding, icy, snow-covered, slippery, or have steep uphill or downhill slopes.
- When circumstances do not allow safe driving at a constant speed.

To Activate/Deactivate

Push and release the Adaptive Cruise Control (ACC) on/off button. The ACC menu in the instrument cluster displays "ACC Ready."

To turn the system off, push and release the Adaptive Cruise Control (ACC) on/off button again. At this time, the system will turn off and the instrument cluster display will show "Adaptive Cruise Control (ACC) Off."

WARNING!

Leaving the Adaptive Cruise Control (ACC) system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have a collision. Always leave the system off when you are not using it.

To Set A Desired ACC Speed

When the vehicle reaches the speed desired, push the SET (+) button or the SET (-) button and release. The instrument cluster display will show the set speed.

If the system is set when the vehicle speed is below 20 mph (32 km/h), the set speed shall be defaulted to 20 mph (32 km/h). If the system is set when the vehicle speed is above 20 mph (32 km/h), the set speed shall be the current speed of the vehicle.

NOTE:

ACC cannot be set if there is a stationary vehicle in front of your vehicle in close proximity.

Remove your foot from the accelerator pedal, after the ACC has been set. If you do not, the vehicle may continue to accelerate beyond the set speed. If this occurs:

- The message "ACC DRIVER OVERRIDE" will display in the instrument cluster display.
- The system will not be controlling the distance between your vehicle and the vehicle ahead. The vehicle speed will only be determined by the position of the accelerator pedal.

To Resume

If there is a set speed in memory push the RES (resume) button and then remove your foot from the accelerator pedal. The instrument cluster display will display the last set speed.

NOTE:

- If your vehicle stays at standstill for longer than two seconds, then the driver will either have to push the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing set speed.

- ACC cannot be resumed if there is a stationary vehicle in-front of your vehicle in close proximity.

WARNING!

The Resume function should only be used if traffic and road conditions permit. Resuming a set speed that is too high or too low for prevailing traffic and road conditions could cause the vehicle to accelerate or decelerate too sharply for safe operation. Failure to follow these warnings can result in a collision and death or serious personal injury.

To Vary The Speed Setting

To Increase Speed

While ACC is set, you can increase the set speed by pushing the SET (+) button.

The driver's preferred units can be selected through the instrument cluster. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" in the Owner's Manual. The speed increment shown is dependant on the speed of U.S. (mph) or Metric (km/h) units:



U.S. Speed (mph)

- Pushing the SET (+) button once will result in a 1 mph increase in set speed. Each subsequent tap of the button results in an increase of 1 mph.
- If the button is continually pushed, the set speed will continue to increase in 5 mph increments until the button is released. The increase in set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET (+) button once will result in a 1 km/h increase in set speed. Each subsequent tap of the button results in an increase of 1 km/h.
- If the button is continually pushed, the set speed will continue to increase in 10 km/h increments until the button is released. The increase in set speed is reflected in the instrument cluster display.

To Decrease Speed

While ACC is set, the set speed can be decreased by pushing the SET (-) button.

The driver's preferred units can be selected through the instrument cluster. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument

Panel" in the Owner's Manual. The speed increment shown is dependant on the speed of U.S. (mph) or Metric (km/h) units:

U.S. Speed (mph)

- Pushing the SET (-) button once will result in a 1 mph decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph.
- If the button is continually pushed, the set speed will continue to decrease in 5 mph decrements until the button is released. The decrease in set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET (-) button once will result in a 1 km/h decrease in set speed. Each subsequent tap of the button results in a decrease of 1 km/h.
- If the button is continually pushed, the set speed will continue to decrease in 10 km/h decrements until the button is released. The decrease in set speed is reflected in the instrument cluster display.

NOTE:

- When you override and push the SET (+) button or SET (-) buttons, the new set speed will be the current speed of the vehicle.

- When you use the SET (-) button to decelerate, if the powertrain braking power does not slow the vehicle sufficiently to reach the set speed, the brake system will automatically slow the vehicle.

- The ACC system decelerates the vehicle to a full stop when following a target vehicle. If an ACC host vehicle follows a target vehicle to a standstill, after two seconds the driver will either have to push the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing set speed.
- The ACC system maintains set speed when driving up hill and down hill. However, a slight speed change on moderate hills is normal. When driving up hill and down hill, the ACC system will cancel if the braking temperature exceeds normal range (overheated).

Setting The Following Distance In ACC

The specified following distance for ACC can be set by varying the distance setting between four bars (longest), three bars (long), two bars (medium) and one bar (short). Using this distance setting and the vehicle speed, ACC calculates and sets the distance to the vehicle ahead. This distance setting displays in the instrument cluster display.

To increase the distance setting, push the Distance Setting — Increase button and release. Each time the button is pushed, the distance setting increases by one bar (longer).

To decrease the distance setting, push the Distance Setting — Decrease button and release. Each time the button is pushed, the distance setting decreases by one bar (shorter).

General Information

The following regulatory statement applies to all Radio Frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

PARKSENSE REAR PARK ASSIST — IF EQUIPPED

The ParkSense Rear Park Assist system provides visual and audible indications of the distance between the rear fascia and a detected obstacle when backing up, e.g. during a parking maneuver. If your vehicle is equipped with an automatic transmission, the vehicle brakes may be automatically applied and released when performing a reverse parking maneuver if the system detects a possible collision with an obstacle.

NOTE:

- The driver can override the automatic braking function by pressing the gas pedal, turning ParkSense off via ParkSense switch, or changing the gear while the automatic brakes are being applied.
- Automatic brakes will not be available if ESC is not available.
- Automatic brakes will not be available if there is a faulted condition detected with the ParkSense Park Assist system or the Braking System Module.

- The automatic braking function may not provide enough vehicle deceleration to avoid colliding with a detected obstacle depending on vehicle speed, road conditions, and brake capability.
- The automatic braking function may not be applied fast enough for moving obstacles that approach the rear of the vehicle from the left and / or right sides.
- The automatic braking function can be enabled/disabled from the Customer-Programmable Features section of the Uconnect System.
- ParkSense will retain its last known configuration state for the automatic braking function through ignition cycles.

The automatic braking function is intended to assist the driver in avoiding possible collisions with detected obstacles when backing up in REVERSE gear.

NOTE:

- The driver is always responsible for controlling the vehicle.
- The system is provided to assist the driver and not to substitute the driver.



- The driver must stay in full control of the vehicle's acceleration and braking and is responsible for the vehicle's movements.

Refer to "ParkSense System Usage Precautions" for limitations of this system and recommendations.

ParkSense will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition is changed to the ON/RUN position.

ParkSense can be active only when the gear selector is in REVERSE. If ParkSense is enabled at this gear selector position, the system will remain active until the vehicle speed is increased to approximately 7 mph (11 km/h) or above. When in REVERSE and above the system's operating speed, a warning will appear within the instrument cluster display indicating the vehicle speed is too fast. The system will become active again if the vehicle speed is decreased to speeds less than approximately 6 mph (9 km/h).

ParkSense Sensors

The four ParkSense sensors, located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 inches (30 cm) up to 79 inches (200 cm) from the rear fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

ParkSense Visual Alert

The ParkSense Warning screen will only be displayed if Sound and Display is selected from the Customer - Programmable Features section of the Uconnect System. Refer to "Uconnect Settings" in "Multimedia" in your Owner's Manual for further information.

The ParkSense Warning screen is located within the instrument cluster display. It provides visual warnings to indicate the distance between the rear fascia/bumper and the detected obstacle. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" in your Owner's Manual for further information.

Enabling And Disabling ParkSense



ParkSense can be enabled and disabled with the ParkSense switch, located on the switch panel below the Uconnect display.

When the ParkSense switch is pushed to disable the system, the instrument cluster will display the "PARKSENSE OFF" message for approximately five seconds. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" in your Owner's Manual for further information. When the gear selector is moved to REVERSE and the system is disabled, the instrument cluster display will show the "PARKSENSE OFF" message for as long as the vehicle is in REVERSE.

The ParkSense switch LED will be on when ParkSense is disabled or requires service. The ParkSense switch LED will be off when the system is enabled. If the ParkSense switch is pushed, and requires service, the ParkSense switch LED will blink momentarily, and then the LED will be on.

NOTE:

When KeySense feature is present, the ParkSense System will reject customer input to turn the system off via the hard switch. The instrument cluster display will show “KeySense in Use Selected Feature Cannot be Disabled” message.

ParkSense System Usage Precautions**NOTE:**

- Ensure that the rear bumper is free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.
- Jackhammers, large trucks, and other vibrations could affect the performance of ParkSense.
- When you turn ParkSense off, the instrument cluster will display “PARKSENSE OFF”. Furthermore, once you turn ParkSense off, it remains off until you turn it on again, even if you cycle the ignition.
- When you move the gear selector to the REVERSE position and ParkSense is turned off, the instrument cluster display will show “PARKSENSE OFF” message for as long as the vehicle is in REVERSE.
- ParkSense, when on, will reduce the volume of the radio when it is sounding a tone.

- Clean the ParkSense sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense system might not detect an obstacle behind the fascia/bumper, or it could provide a false indication that an obstacle is behind the fascia/bumper.
- ParkSense should be disabled when the liftgate is in the open position.
- Use the ParkSense switch to turn the ParkSense system OFF if objects, such as bicycle carriers, are placed within 12 inches (30 cm) from the rear fascia/bumper. Failure to do so can result in the system misinterpreting a close object as a sensor problem, causing the “PARKSENSE UNAVAILABLE SERVICE REQUIRED” message to be displayed in the instrument cluster display.

WARNING!

- Drivers must be careful when backing up even when using ParkSense. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before

WARNING!

backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.

- Before using ParkSense, it is strongly recommended that the ball mount and hitch ball assembly is disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia when the loudspeaker sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

CAUTION!

- ParkSense is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles lo-



CAUTION!

cated above or below the sensors will not be detected when they are in close proximity.

- The vehicle must be driven slowly when using ParkSense in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using ParkSense.

PARKSENSE FRONT AND REAR PARK ASSIST – IF EQUIPPED

The ParkSense Park Assist system provides visual and audible indications of the distance between the rear and/or front fascia and a detected obstacle when backing up or moving forward, e.g. during a parking maneuver. If your vehicle is equipped with an automatic transmission, the vehicle brakes may be automatically applied and released when performing a reverse parking maneuver if the system detects a possible collision with an obstacle.

NOTE:

- The driver can override the automatic braking function by pressing the gas pedal, turning ParkSense off via ParkSense switch, or changing the gear while the automatic brakes are being applied.
- Automatic brakes will not be available if ESC is not available.
- Automatic brakes will not be available if there is a faulted condition detected with the ParkSense Park Assist system or the Braking System Module.
- The automatic braking function may not provide enough vehicle deceleration to avoid colliding with a detected obstacle depending on vehicle speed, road conditions, and brake capability.
- The automatic braking function may not be applied fast enough for moving obstacles that approach the rear of the vehicle from the left and / or right sides.
- The automatic braking function can be enabled/disabled from the Customer-Programmable Features section of the Uconnect System.
- ParkSense will retain its last known configuration state for the automatic braking function through ignition cycles.

The automatic braking function is intended to assist the driver in avoiding possible collisions with detected obstacles when backing up in REVERSE gear.

NOTE:

- The driver is always responsible for controlling the vehicle.
- The system is provided to assist the driver and not to substitute the driver.
- The driver must stay in full control of the vehicle's acceleration and braking and is responsible for the vehicle's movements.

Refer to "ParkSense System Usage Precautions" in "Starting And Operating" in your Owner's Manual for limitations of this system and recommendations.

ParkSense will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition is changed to the ON/RUN position.

ParkSense can be active only when the gear selector is in REVERSE or DRIVE. If ParkSense is enabled at one of these gear selector positions, the system will remain active until the vehicle speed is increased to approximately 7 mph (11 km/h) or above. When in REVERSE and above the system's operating

speed, a warning will appear in the instrument cluster display indicating the vehicle speed is too fast. The system will become active again if the vehicle speed is decreased to speeds less than approximately 6 mph (9 km/h).

ParkSense Sensors

The six ParkSense sensors, located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 inches (30 cm) up to 79 in (200 cm) from the rear fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

The six ParkSense sensors, located in the front fascia/bumper, monitor the area in front of the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 inches (30 cm) up to 47 in (120 cm) from the front fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

Enabling And Disabling ParkSense

P OFF ParkSense can be enabled and disabled with the ParkSense switch, located on the switch panel below the Uconnect display.

When the ParkSense switch is pushed to disable the system, the instrument cluster will display the "PARKSENSE OFF" message for approximately five seconds. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" in your Owner's Manual for further information. When the gear selector is moved to REVERSE and the system is disabled, the instrument cluster display will show the "PARKSENSE OFF" message for as long as the vehicle is in REVERSE.

The ParkSense switch LED will be on when ParkSense is disabled or requires service. The ParkSense switch LED will be off when the system is enabled. If the ParkSense switch is pushed, and requires service, the ParkSense switch LED will blink momentarily, and then the LED will be on.

NOTE:

When KeySense feature is present, the ParkSense System will reject customer input to turn the system off via the hard switch. The instrument cluster display will show "KeySense in Use Selected Feature Cannot be Disabled" message.

PARKSENSE ACTIVE PARK ASSIST SYSTEM — IF EQUIPPED

The ParkSense Active Park Assist system is intended to assist the driver during parallel and perpendicular parking maneuvers by identifying a proper parking space, providing audible/visual instructions, and controlling the steering wheel. The ParkSense Active Park Assist system is defined as "semi-automatic" since the driver maintains control of the accelerator, gear selector and brakes. Depending on the driver's parking maneuver selection, the ParkSense Active Park Assist system is capable of maneuvering a vehicle into a parallel or a perpendicular parking space on either side (i.e., driver side or passenger side).



NOTE:

- The driver is always responsible for controlling the vehicle, responsible for any surrounding objects, and must intervene as required.
- The system is provided to assist the driver and not to substitute the driver.
- During a semi-automatic maneuver, if the driver touches the steering wheel after being instructed to remove their hands from the steering wheel, the system will cancel, and the driver will be required to manually complete the parking maneuver.
- The system may not work in all conditions (e.g. environmental conditions such as heavy rain, snow, etc., or if searching for a parking space that has surfaces that will absorb the ultrasonic sensor waves).
- New vehicles from the dealership must have at least 30 miles (48 km) accumulated before the ParkSense Active Park Assist system is fully calibrated and performs accurately. This is due to the system's dynamic vehicle calibration to improve the performance of the feature. The system will also continuously perform the dynamic vehicle calibration to account for differences such as over or under inflated tires and new tires.

Enabling And Disabling The ParkSense Active Park Assist System



The ParkSense Active Park Assist system can be enabled and disabled with the ParkSense Active Park Assist switch, located on the switch panel below the Uconnect display.

To enable the ParkSense Active Park Assist system, push the ParkSense Active Park Assist switch once (LED turns on).

To disable the ParkSense Active Park Assist system, push the ParkSense Active Park Assist switch again (LED turns off).

When the ParkSense Active Park Assist System is enabled, the “Active ParkSense Searching – Push OK to Switch to Perpendicular” message will appear in the instrument cluster display. You may switch to perpendicular parking if you desire. Push the OK button on the left side of the steering wheel to change your parking space setting. You may switch back to parallel parking if you desire.

Refer to your Owner's Manual for further information.

LANESENSE – IF EQUIPPED

LaneSense Operation

The LaneSense system is operational at speeds above 37 mph (60 km/h) and below 112 mph (180 km/h). It uses a forward looking camera to detect lane markings and measure vehicle position within the lane boundaries.

When both lane markings are detected and the driver unintentionally drifts out of the lane (no turn signal applied), the LaneSense system provides a haptic warning in the form of torque applied to the steering wheel to prompt the driver to remain within the lane boundaries. The LaneSense system will also provide a visual warning through the instrument cluster display to prompt the driver to remain within the lane boundaries.

The driver may manually override the haptic warning by applying torque into the steering wheel at any time.

When only a single lane marking is detected and the driver unintentionally drifts across that lane marking (no turn signal applied), the LaneSense system provides a visual warning through the instrument cluster.

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left inside lane line flashes yellow (on/off) while the left outside line remains solid yellow. The LaneSense telltale  changes from solid yellow to flashing yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

For example: If approaching the left side of the lane the steering wheel will turn to the right.

NOTE:

The LaneSense system operates with the similar behavior for a right lane departure.

Changing LaneSense Status

The LaneSense system has settings to adjust the intensity of the torque warning and the warning zone sensitivity (Early/Medium/Late) that you can configure through the Uconnect system screen. Refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.

NOTE:

- When enabled the system operates above 37 mph (60 km/h) and below 112 mph (180 km/h).
- Use of the turn signal suppresses the warnings.

- The system will not apply torque to the steering wheel whenever a safety system engages. (anti-lock brakes, traction control system, electronic stability control, forward collision warning, etc.).

PARKVIEW REAR BACK UP CAMERA

The ParkView Rear Back Up Camera allows you to see an on-screen image of the rear surroundings of your vehicle whenever the gear selector is put into REVERSE. The image will be displayed on the touchscreen display along with a caution note “Check Entire Surroundings” across the top of the screen. After five seconds, this note will disappear. The ParkView Rear Back Up Camera is located on the rear of the vehicle above the rear license plate.

NOTE:

The ParkView Rear Back Up Camera has programmable modes of operation that may be selected through the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.

When the vehicle is shifted out of REVERSE (with camera delay turned off), the rear camera mode is exited and the navigation or audio screen appears again.

When the vehicle is shifted out of REVERSE (with camera delay turned on), the camera image will continue to be displayed for up to 10 seconds after shifting out of REVERSE unless the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK or the ignition is switched to the OFF position.

A touch screen button to disable display of the camera image is made available when the vehicle is not in REVERSE gear. Display of the camera image after shifting out of REVERSE can be disabled via a touch screen button personalization entry in the camera settings menu.

When enabled, active guide lines are overlaid on the image to illustrate the width of the vehicle and its projected backup path based on the steering wheel position.

Different colored zones indicate the distance to the rear of the vehicle.

NOTE:

If snow, ice, mud, or any foreign substance builds up on the camera lens, clean the lens, rinse with water, and dry with a soft cloth. Do not cover the lens.

WARNING!

Drivers must be careful when backing up even when using the ParkView Rear Back Up Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You are responsible for the safety of your surroundings and must continue to pay attention while backing up. Failure to do so can result in serious injury or death.

CAUTION!

- To avoid vehicle damage, ParkView should only be used as a parking aid. The ParkView camera is unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using ParkView to be able to stop in time when an obstacle is seen. It is

CAUTION!

recommended that the driver look frequently over his/her shoulder when using ParkView.

**SURROUND VIEW
CAMERA SYSTEM —
IF EQUIPPED**

Your vehicle may be equipped with the Surround View Camera System that allows you to see an on-screen image of the surroundings and top view of your vehicle whenever the gear selector is put into REVERSE or a different view is selected through the “on screen soft buttons”. The top view of the vehicle will show which doors are open. The image will be displayed on the touchscreen display along with a caution note “Check Entire Surroundings” across the top of the screen. After five seconds, this note will disappear. The Surround View Camera System is comprised of four sequential cameras located in the front grille, rear liftgate and side mirrors.

NOTE:

The Surround View Camera System has programmable settings that may be selected through the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.

When the vehicle is shifted into REVERSE, the rear camera view and top view is the default view of the system.

When the vehicle is shifted out of REVERSE (with camera delay turned on), the camera image will continue to be displayed for up to 10 seconds after shifting out of REVERSE unless the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK or the ignition is switched to the OFF position. There is a touch screen button (X) to disable the display of the camera image.

When the vehicle is shifted out of REVERSE (with camera delay turned off), the surround view camera mode is exited and the last known screen appears again.

When enabled, active guide lines are overlaid on the image to illustrate the width of the vehicle, including the side view mirrors and its projected backup path based on the steering wheel position.



Different colored zones indicate the distance to the rear of the vehicle.

Modes Of Operation

“Manual” activation of the Surround View camera is selected by pressing the Surround View Camera soft key located in the “Controls” screen within the Uconnect system.

Top View

The Top view will show in the Uconnect System with Rear View and Front View in a split view display. There is integrated ParkSense arcs in the image at the front and rear of the vehicle. The arcs will change color from yellow to red corresponding the distance zones to the oncoming object.

NOTE:

- Front tires will be in image when the tires are turned.
- Due to wide angle cameras in mirror, the image will appear distorted.
- Top view will show which sliding doors are open.
- Open front doors will remove outside image.

Rear View

This is the Default view of the system in REVERSE and is paired with a Top view of the vehicle with active guide lines for the projected path when enabled.

Rear Cross Path View

Pressing the Rear Cross Path soft key will give the driver a wider angle view of the rear camera system. The Top view will be disabled when this is selected.

Front View

The Front view will show you what is immediately in front of the vehicle with guide lines for the projected path when enabled.

Front Cross Path View

Pressing the Front Cross Path soft key will give the driver a wider angle view of the front camera system. The Top view will be disabled when this is selected.

Deactivation

The system can be deactivated in the following conditions:

- The speed of the vehicle reaches greater than 8 mph (13 km/h).
- The vehicle shifted into PARK from a different gear.
- If the vehicle is in any gear other than REVERSE, press the “X” button.
- The camera delay system is turned off manually through the Uconnect settings menu. Refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.

NOTE:

- If snow, ice, mud, or any foreign substance builds up on the camera lenses, clean the lenses, rinse with water, and dry with a soft cloth. Do not cover the lenses.
- If a malfunction with the system has occurred, see your nearest authorized dealer.

WARNING!

Drivers must be careful when backing up even when using the Surround View Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You are responsible for the safety of your surroundings and must continue to pay attention while backing up. Failure to do so can result in serious injury or death.

CAUTION!

- To avoid vehicle damage, Surround View should only be used as a parking aid. The Surround View camera is unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using Surround View to be able to stop in time when an obstacle is seen. It is recommended that the driver look frequently over his/her shoulder when using Surround View.

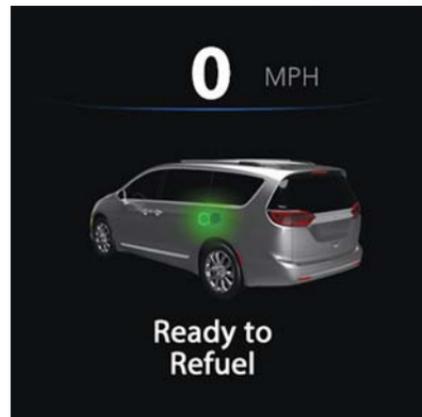
REFUELING THE VEHICLE

1. Put the vehicle in the PARK position.
2. Press the fuel filler door release button (located in the driver's door in the upper map pocket).



Fuel Filler Door Release Switch

3. The button press will initiate a sequence of events to depressurize the fuel system. A message will display in the cluster letting you know when the vehicle is ready to be fueled.



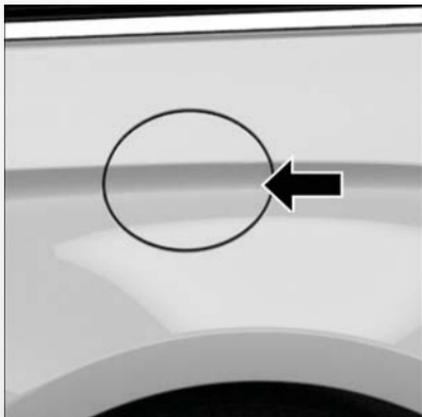
Instrument Cluster Message

NOTE:

- After pushing the release button you will have 20 minutes to fuel the vehicle, beyond 20 minutes you will need to press the release button again.



- The fuel door could take up to 15 seconds to open. It may take longer to open in some situations, such as high ambient temperatures.
 - If you hear a hissing sound when the nozzle is inserted into the filler pipe, wait to begin fueling the vehicle until after the hissing sound stops.
4. The fuel door pops away from the vehicle when it has been released. To finish opening the fuel door, manually rotate it away from the vehicle.



Fuel Filler Door

NOTE:

In certain cold conditions, ice may prevent the fuel door from opening. If this occurs, lightly push on the fuel door to break the ice buildup and re-release the fuel door using the inside release button. Do not pry on the door.

5. There is no fuel filler cap. Two flapper doors inside the pipe seal the system.
6. Insert the fuel nozzle fully into the filler pipe, the nozzle opens and holds both flapper doors while refueling.
7. Fill the vehicle with fuel, when the fuel nozzle “clicks” or shuts off the fuel tank is full.
8. Wait five seconds before removing the fuel nozzle to allow fuel to drain from nozzle.
9. Remove the fuel nozzle and close the fuel door.

Emergency Gas Can Refueling

Most gas cans will not open the flapper door. A funnel is provided to open the flapper door to allow emergency refueling with a gas can.

1. Retrieve funnel from the storage bin located in the left rear quarter trim.

2. Insert funnel into same filler pipe opening as the fuel nozzle, ensure funnel is inserted fully to hold both flapper doors open.
3. Pour fuel into funnel opening.
4. Remove funnel from filler pipe, clean off prior to putting back in the spare tire storage area.

WARNING!

- Never have any smoking materials lit in or near the vehicle when the fuel door is open or the tank is being filled.
- Never add fuel when the engine is running. This is in violation of most state and federal fire regulations and may cause the “Malfunction Indicator Light” to turn on.
- A fire may result if fuel is pumped into a portable container that is inside of a vehicle. You could be burned. Always place fuel containers on the ground while filling.

CAUTION!

To avoid fuel spillage and overfilling, do not “top off” the fuel tank after filling.

Emergency Fuel Door Release

1. Cycle the vehicle's ignition to the RUN position (PSA not active)

NOTE:

If this is not performed, then the tank vent valve will not open. This will result in premature fuel pump shutoffs.

2. Access the storage bin located behind the rear cargo trim panel.
3. Remove access cover in the upper right corner.



Access Cover Location

4. After removing green handle from retention bracket, then pull the green handle directly away from the bracket to release the fuel door.



Fuel Door Emergency Release

5. Re-install handle back into bracket when completed.
6. Wait 15 seconds and then begin fueling your vehicle.

Materials Added To Fuel

Designated TOP TIER Detergent Gasoline contains a higher level of detergents to further aid in minimizing engine and fuel system deposits. When available, the usage of TOP TIER Detergent gasoline is recommended. Visit www.toptiergas.com for a list of TOP TIER Detergent Gasoline Retailers.



Indiscriminate use of fuel system cleaning agents should be avoided. Many of these materials intended for gum and varnish removal may contain active solvents or similar ingredients. These can harm fuel system gasket and diaphragm materials.

TRAILER TOWING

Trailer towing is not permitted with this vehicle.



RECREATIONAL TOWING (BEHIND MOTORHOME, ETC.)

Towing This Vehicle Behind Another Vehicle

Towing Condition	Wheel OFF The Ground	All Models
Flat Tow	NONE	NOT ALLOWED
Dolly Tow	Front	OK
	Rear	NOT ALLOWED
On Trailer	ALL	OK

NOTE:

- To avoid inadvertent Electric Park Brake engagement, you must ensure that the Auto Park Brake feature is disabled before towing this vehicle (if rear wheels are on the ground). The Auto Park Brake feature is enabled or disabled via the customer programmable features in the Uconnect Settings.
- When towing your vehicle, always follow applicable state and provincial laws. Contact state and provincial Highway Safety offices for additional details.
- If your vehicle is disabled and in need of commercial towing service, please refer to “Towing A Disabled Vehicle” in “In Case Of Emergency”.

Recreational Towing – All Models

DO NOT flat tow this vehicle. Damage to the drivetrain will result.

CAUTION!

- **DO NOT** flat tow this vehicle. Damage to the drivetrain will result. If this vehicle requires towing, make sure the drive wheels are **OFF** the ground.
- Ensure that the Electric Park Brake is released, and remains released, while being towed.
- Towing this vehicle in violation of the above requirements can cause severe transmission damage. Damage from improper towing is

CAUTION!

not covered under the New Vehicle Limited Warranty.

Recreational towing is allowed **ONLY** if the front wheels are **OFF** the ground. This may be accomplished using a tow dolly (front wheels off the ground) or vehicle trailer (all four wheels off the ground). If using a tow dolly, follow this procedure:

1. Properly secure the dolly to the tow vehicle, following the dolly manufacturer’s instructions.
2. Drive the front wheels onto the tow dolly.
3. Apply the park brake.
4. Place the transmission in **PARK**.

5. Turn the ignition OFF.
6. Properly secure the front wheels to the dolly, following the dolly manufacturer's instructions.
7. Turn the ignition to the ON/RUN mode, but do not start the vehicle.
8. Press and hold the brake pedal.
9. Release the park brake.
10. Turn the ignition OFF.
11. Release the brake pedal.



HAZARD WARNING FLASHERS

The Hazard Warning flasher switch is located in the lower center area of the instrument panel.



Push the switch to turn on the Hazard Warning flasher. When the switch is activated, all directional turn signals will

flash on and off to warn oncoming traffic of an emergency. Push the switch a second time to turn off the Hazard Warning flashers.

This is an emergency warning system and it should not be used when the vehicle is in motion. Use it when your vehicle is disabled and it is creating a safety hazard for other motorists.

When you must leave the vehicle to seek assistance, the Hazard Warning flashers will continue to operate even though the ignition is placed in the OFF position.

NOTE:

With extended use, the Hazard Warning flashers may wear down your battery.

BULB REPLACEMENT

Replacement Bulbs

Interior Bulbs

Lamps	Bulb Number
Center & Rear Dome Lamp	LED (Serviced At Authorized Dealer)
Center & Rear Reading Lamps	LED (Serviced At Authorized Dealer)
Front Door Courtesy Lamp	LED (Serviced At Authorized Dealer)
Front Header Reading Lamps - If Equipped	LED (Serviced At Authorized Dealer)
Instrument Cluster Lamps	LED (Serviced At Authorized Dealer)
Liftgate Lamp(s)	LED (Serviced At Authorized Dealer)
Overhead Console Reading Lamps	LED (Serviced At Authorized Dealer)
Removable Console Lamp - If Equipped	LED (Serviced At Authorized Dealer)
Visor Vanity Lamps	6501966

Exterior Bulbs

Lamps	Bulb Number
Halogen Headlamp	Projector Halogen Low Beam - 9005HL+ High Beams - 9005LL
Dedicated Daytime Running Lamp (If Equipped)	LED (Serviced at Authorized Dealer)
Front Turn Signal Lamp	PWY24WNA
Side Marker Lamp	W3W
Front Park Lamp	LED (Serviced At Authorized Dealer)
Front Fog Lamp	H11LL
LED Front Fog Lamp	LED (Serviced At Authorized Dealer)
Center High Mounted Stop (CHMSL) Lamp	LED (Serviced At Authorized Dealer)
Stop/Turn Signal Lamp	W21/5WLL
Rear Tail/Side Marker Lamp	Rear Tail - Body Side - LED (Serviced at Authorized Dealer) Rear Tail - Liftgate - LED (Serviced at Authorized Dealer) Rear Side Marker: W3W
Backup Lamp	W21W
License Lamp	LED (Serviced At Authorized Dealer)



FUSES

WARNING!

- When replacing a blown fuse, always use an appropriate replacement fuse with the same amp rating as the original fuse. Never replace a fuse with another fuse of higher amp rating. Never replace a blown fuse with metal wires or any other material. Do not place a fuse inside a circuit breaker cavity or vice versa. Failure to use proper fuses may result in serious personal injury, fire and/or property damage.
- Before replacing a fuse, make sure that the ignition is off and that all the other services are switched off and/or disengaged.

WARNING!

- If the replaced fuse blows again, contact an authorized dealer.
- If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, transmission system) or steering system blows, contact an authorized dealer.

Underhood Fuses

The Power Distribution Center is located in the engine compartment near the battery. This center contains cartridge fuses, mini-fuses, micro-fuses, circuit breakers and relays. A label that identifies each component is printed on the inside of the cover.

Before any procedure is done on the PDC, make sure engine is turned off.

Remove the cover by unlatching the two locks located at each side of the PDC cover, avoid the usage of screw drivers or any other tool to remove the cover, since they may apply excessive force and result on a broken/damaged part.

After service is done, secure the cover with its two locks.

Cavity	Cartridge Fuse	Blade Fuse	Description
F06	-	15 Amp Blue	Low Temp Active Pump
F07	-	25 Amp Clear	Ignition Coil/Fuel Injector
F08	-	25 Amp Clear	Amplifier / Active Noise Control
F09	-	-	Not Used
F10	-	15 Amp Blue	High Temp Aux Pump & HV Electric Coolant Htr Enable
F11	-	15 Amp Blue	ELCM / FTIV
F12	-	5 Amp Tan	Battery Sensor (IBS)

Cavity	Cartridge Fuse	Blade Fuse	Description
F13	-	-	Not Used
F14A	-	10 Amp Red	Media Hub 1, 2, 3
F14B	-		Pwr Lumbar Switch
F15	40 Amp Green	-	CBC / Power Locks
F16	-	20 Amp Yellow	ECM
F17	-	-	Not Used
F18	40 Amp Green	-	CBC Feed #4 (Exterior Lights #1)
F19	-	-	Not Used
F20	-	10 Amp Red	Low Temp Passive Pump
F21	20 Amp Blue	-	PIM - Park PAWL Motor
F22	-	-	Not Used
F23	-	-	Not used
F24	-	20 Amp Yellow	RR Wiper
F25A	-	10 Amp Red	Handsfree (Lt & Rt Rear Door Release Module)
F25B	-		Active Grill Shutter
F26	40 Amp Green	-	Front HVAC Blower Motor
F27	25 Amp Clear	-	RR Slide Door Module - RT
F28A	-	10 Amp Red	Diagnostic Port
F28B	-		USB + AUX (UCI) Port (IP) / Video USB Port
F29	-	-	Not Used
F30A	-	10 Amp Red	ECM / PIM
F30B	-		Not Used
F31	-	10 Amp Red	3, 4 way Valves



Cavity	Cartridge Fuse	Blade Fuse	Description
F32	20 Amp Blue	-	ECM
F33	30 Amp Pink	-	Power Liftgate Module
F34	25 Amp Clear	-	Rear Door Control Module - Lt
F35	25 Amp Clear	-	Sunroof Control Module
F36	-	-	Not Used
F37	40 Amp Green	-	CBC Feed #4 (Exterior Lighting / PCM #2)
F38	-	-	Not Used
F39	25 Amp Clear	-	Rear HVAC Blower Motor
F40	20 Amp Blue	-	Trans Oil Pump
F41	-	-	Not Used
F42	-	-	Not Used
F43	-	20 Amp Yellow	Fuel Pump Motor
F44	30 Amp Pink	-	CBC Feed #1 (Interior Lights)
F45	30 Amp Pink	-	Power Inverter
F46	30 Amp Pink	-	Driver Door Module
F47	30 Amp Pink	-	Passenger Door Module
F48	40 Amp Green	-	EBCM Motor
F49	25 Amp Clear	-	Rear Sliding Door Module - Lt
F50	25 Amp Clear	-	Rear Door Control Module - Rt
F51	30 Amp Pink	-	Front Wiper
F52	-	-	Not Used
F53	-	-	Not Used
F54	40 Amp Green	-	ESP-ECU And Valves

Cavity	Cartridge Fuse	Blade Fuse	Description
F55A	-	15 Amp Blue	RF Hub/KIN/ESL - BUX Only
F55B	-		DVD / VRM
F56A	-	10 Amp Red	FRT. & RR HVAC CTRL/ OCM / ESL
F56B	-		B. EPS / ESC - Electric Stability Ctr
F57	-	20 Amp Yellow	PIM - Main Power Supply
F58	-	-	Not Used
F59	-	-	Not Used
F60	-	20 Amp Yellow	Rear Cargo APO
F61	-	-	Not Used
F62	-	20 Amp Yellow	PIM-Main PWR Supply
F63	-	5 Amp Tan	HV Elect Coolant HTR Enable
F64	-	-	Not Used
F65	-	-	Not Used
F66	-	15 Amp Blue	Instrument Panel Cluster (IPC) / SGW
F67	-	10 Amp Red	HALF / PTS / Drivers Assist System Module (DASM)
F68	-	-	Not Used
F69A	-	15 Amp Blue	BPCM
F69B	-		BPCM (Redundant)
F70	-	5 Amp Tan	EAC
F71	-	20 Amp Yellow	Horn
F72	-	-	Not Used
F73	30 Amp Pink	-	Rear Defroster (EBL)
F74	-	-	Not Used



Cavity	Cartridge Fuse	Blade Fuse	Description
F75	-	5 Amp Tan	Overhead Console / Rear ICS
F76	-	20 Amp Yellow	Uconnect / DCSD / Telematics
F77A	-	10 Amp Red	Rear Entertainment / Media HUB / 3RD & 2ND Row USB CHRG / Vacuum Cleaner SW Backlight / 3RD Row Recliner SW Backlight / 2ND Row Stow N Go SW Backlight / LT&RT Sliding Door Backlight
F77B	-		B. Sunroof / Rain sensor / Rear View Mirror / PIM
F78A	-	15 Amp Blue	Transmission Control Module (TCM) / Electric Power Steering 2 / E-Shifter / ESM
F78B	-		Instrument Cluster
F79A	-	10 Amp Red	ICS / Frt & Rr HVAC / EPB Sw / SCCM
F79B	-		Not Used
F80	-	5 Amp Tan	OBCM
F81	-	5 Amp Tan	APM
F82	-	-	Not Used
F83	-	-	Not Used
F84	-	-	Not Used
F85	-	20 Amp Yellow	Cigar Lighter
F86	-	-	Not Used
F87	-	-	Not Used
F88	-	20 Amp Yellow	Front Heated Seats
F89	-	20 Amp Yellow	Rear Heated Seats
F90	-	5 Amp Tan	EBCM - ECU
F91	-	15 Amp Blue	Front Ventilated Seats/Heated Steering Wheel

Cavity	Cartridge Fuse	Blade Fuse	Description
F92A	-	5 Amp Tan	Security Gateway
F92B	-	-	Not Used
F93	-	-	Not Used
F94	40 Amp Green	-	ESC - Motor Pump
F95A	-	10 Amp Red	USB Charge Only Port
F95B	-		Selectable Fuse Location
F96	-	10 Amp Red	Occupant Restraint Controller (ORC) (Airbag)
F97	-	10 Amp Red	Occupant Restraint Controller (ORC) (Airbag)
F98	-	-	Not Used
F99	-	-	Not Used
F100A	-	10 Amp Red	QVPM
F100B	-		Rr Camera / LBSS / RBSS / CVPM / Humidity Snsr / In Car Temp Snsr
Circuit Breakers			
CB1		25 Amp	Power Seat (Driver)
CB2		25 Amp	Power Seat (Pass)*
CB3		-	Not Used

* 30A mini fuse is substituted for 25A Circuit Breaker.



JACKING AND TIRE CHANGING

NOTE:

Your vehicle is not equipped with a jack or spare tire. This section describes wheel removal and installation.

WARNING!

- Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid the danger of being hit when operating the jack or changing the wheel.
- Being under a jacked-up vehicle is dangerous. The vehicle could slip off the jack and fall on you. You could be crushed. Never put any part of your body under a vehicle that is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.
- The jack is designed to be used as a tool for changing tires only. The jack should not be used to lift the vehicle for service purposes.

WARNING!

The vehicle should be jacked on a firm level surface only. Avoid ice or slippery areas.

Preparations For Jacking

1. Park the vehicle on a firm, level surface. Avoid ice or slippery areas.

WARNING!

Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid being hit when operating the jack or changing the wheel.

2. Turn on the Hazard Warning flasher.
3. Apply the parking brake.
4. Place the gear selector into PARK.
5. Place the ignition in OFF mode.
6. Block both the front and rear of the wheel diagonally opposite the jacking position. For example, if the right front wheel is being changed, block the left rear wheel.



Wheel Blocked

NOTE:

Passengers should not remain in the vehicle when the vehicle is being jacked.

Jacking Instructions

WARNING!

Carefully follow these tire changing warnings to help prevent personal injury or damage to your vehicle:

- Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.

WARNING!

- Turn on the Hazard Warning flasher.
- Block the wheel diagonally opposite the wheel to be raised.
- Apply the parking brake firmly and set the transmission in PARK.
- Do not let any passenger sit in the vehicle when it is on a jack.
- Do not get under the vehicle when it is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.
- Only use the jack in the positions indicated and for lifting this vehicle during a tire change.
- If working on or near a roadway, be extremely careful of motor traffic.

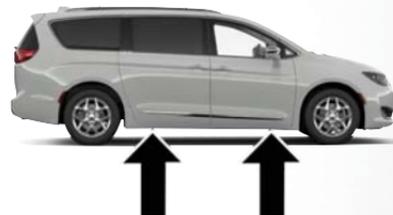


Warning Label

CAUTION!

Do not attempt to raise the vehicle by jacking on locations other than those indicated in the Jacking Instructions for this vehicle.

1. Loosen (but do not remove) the wheel lug nuts by turning them to the left one turn while the wheel is still on the ground.
2. There are two jack engagement locations on each side of the vehicle body indicated by the triangular lift point symbol on the sill molding. **Do not raise the vehicle until you are sure the jack is fully engaged.**



Jack Engagement Locations





Front Jacking Location Engaged



Rear Jacking Location Engaged

WARNING!

Being under a jacked-up vehicle is dangerous. The vehicle could slip off the jack and fall on you. You could be crushed. Never get any part of your body under a vehicle that is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.

CAUTION!

Do not attempt to raise the vehicle by jacking on locations other than those indicated.

3. Raise the jack until the jack head is properly engaged in the described location. **Do not raise the vehicle until you are sure the jack is securely engaged.**
4. Raise the vehicle by using the jack. Raise the vehicle only until the tire just clears the surface and enough clearance is obtained to remove the desired tire. Minimum tire lift provides maximum stability.

WARNING!

Raising the vehicle higher than necessary can make the vehicle less stable. It could slip off the jack and hurt someone near it. Raise the vehicle only enough to remove the tire.

5. Remove the wheel lug nuts, for vehicles with wheel covers, remove the cover from the wheel by hand. Do not pry the wheel cover off. Then pull the wheel off the hub.
6. Install the wheel back onto the vehicle once ready.

WARNING!

To avoid the risk of forcing the vehicle off the jack, do not tighten the wheel nuts fully until the vehicle has been lowered. Failure to follow this warning may result in serious injury.



Installing Tire

CAUTION!

Be sure to mount the tire with the valve stem facing outward. The vehicle could be damaged if the inflatable spare tire is mounted incorrectly.

7. Secure the wheel to the hub by tightening the nuts with wrench. Once the vehicle is lowered you will have a second opportunity to “torque” the lug nuts.
8. Finish tightening the lug nuts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the lug nuts in a star pattern until each nut has been tightened twice.

Refer to “Torque Specifications” in “Technical Specifications” for proper wheel lug nut torque. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.

9. Lower the jack to its fully lowered position.

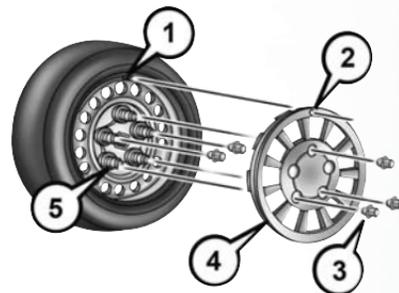
WARNING!

A loose tire or jack thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided. Have the deflated (flat) tire repaired or replaced immediately.

Road Tire Installation

Vehicles Equipped With Wheel Covers

1. Mount the road tire on the axle.
2. To ease the installation process for steel wheels with wheel covers, install two lug nuts on the mounting studs which are on each side of the valve stem. Install the lug nuts with the cone shaped end of the nut toward the wheel. Lightly tighten the lug nuts.



Wheel Cover Installation

- 1 – Valve Stem
- 2 – Valve Notch
- 3 – Wheel Lug Nut
- 4 – Wheel Cover
- 5 – Mounting Stud

3. Align the valve notch in the wheel cover with the valve stem on the wheel. Install the cover by hand, snapping the cover over the two lug nuts. Do not use a hammer or excessive force to install the cover.



4. Install the remaining lug nuts with the cone shaped end of the nut toward the wheel. Lightly tighten all the lug nuts until the wheel sits flush onto the hub and there is no play. The nuts will have to be fully tightened once the vehicle is lowered. Tightening an improperly seated wheel under vehicle load can damage the threads, cause vibration, and undermine safety.

WARNING!

To avoid the risk of forcing the vehicle off the jack, do not tighten the wheel nuts fully until the vehicle has been lowered. Failure to follow this warning may result in serious injury.

5. Lower the vehicle to the ground by turning the jack handle counterclockwise.
6. Finish tightening the lug nuts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the lug nuts in a star

pattern until each nut has been tightened twice. Refer to “Torque Specifications” in “Technical Specifications” for proper wheel lug nut torque. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.

7. After 25 miles (40 km) check the lug nut torque with a torque wrench to ensure that all lug nuts are properly seated against the wheel.

Vehicles Without Wheel Covers

1. Mount the road tire on the axle.
2. Install the remaining lug nuts with the cone shaped end of the nut toward the wheel. Lightly tighten all the lug nuts until the wheel sits flush onto the hub and there is no play. The nuts will have to be fully tightened once the vehicle is lowered. Tightening an improperly seated wheel under vehicle load can damage the threads, cause vibration, and undermine safety.

WARNING!

To avoid the risk of forcing the vehicle off the jack, do not tighten the wheel nuts fully until the vehicle has been lowered. Failure to follow this warning may result in serious injury.

3. Lower the vehicle to the ground by turning the jack handle counterclockwise.
4. Finish tightening the lug nuts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the lug nuts in a star pattern until each nut has been tightened twice. Refer to “Torque Specifications” in the “Technical Specifications” section for proper wheel lug nut torque. If in doubt about the correct tightness, have them checked with a torque wrench by your authorized dealer or at a service station.
5. After 25 miles (40 km) check the lug nut torque with a torque wrench to ensure that all lug nuts are properly seated against the wheel.

TIRE SERVICE KIT — IF EQUIPPED



Tire Service Kit Location

Your vehicle may be equipped with a Tire Service Kit. Small punctures up to 1/4 inch (6 mm) in the tire tread can be sealed with Tire Service Kit. Foreign objects (e.g., screws or nails) should not be removed from the tire. Tire Service Kit can be used in outside temperatures down to approximately -4°F (-20°C). This kit will provide a temporary tire seal, allowing you to drive your vehicle up to 100 miles (160 km) with a maximum speed of 50 mph (80 km/h).

Tire Service Kit Storage

The Tire Service Kit is secured with a strap and is stored in the storage bin located behind the rear cargo trim panel.

Tire Service Kit And Components And Operation



Tire Service Kit (Top View)

- 1 — Power Plug
- 2 — Mode Select Knob
- 3 — Pressure Gauge
- 4 — Power Switch
- 5 — Deflation Button



Tire Service Kit (Bottom View)

- 1 — Sealant Bottle
- 2 — Hose Attachments
- 3 — Sealant/Air Hose

Using The Mode Select Knob And Hoses

Your Tire Service Kit is equipped with the following symbols to indicate the air or sealant mode.

Selecting Air Mode

Push in the Mode Select Knob and turn to this position for air pump operation only.



Selecting Sealant Mode

Push in the Mode Select Knob and turn to this position to inject the Tire Service Kit Sealant and to inflate the tire.

Using The Power Button

Push and release the Power Button once to turn On the Tire Service Kit. Push and release the Power Button again to turn the Tire Service Kit off.

Using The Deflation Button

Push the Deflation Button to reduce the air pressure in the tire if it becomes over-inflated.

Tire Service Kit Usage Precautions

- Replace the Tire Service Kit Sealant Bottle prior to the expiration date (printed at the lower right hand corner on the bottle label) to assure optimum operation of the system. Refer to “Sealant Bottle Replacement” in this section.
- The Sealant Bottle is a one tire application use and needs to be replaced after each use. Always replace these components immediately at your original equipment vehicle dealer.

- When the Tire Service Kit sealant is in a liquid form, clean water, and a damp cloth will remove the material from the vehicle or tire and wheel components. Once the sealant dries, it can easily be peeled off and properly discarded.
- For optimum performance, make sure the valve stem on the wheel is free of debris before connecting the Tire Service Kit.
- The Tire Service Kit Sealant is only intended to seal punctures less than 1/4 inch (6 mm) diameter in the tread/contact surface of your vehicle’s tires.
- The Tire Service Kit Sealant is not intended to seal punctures on the tires’ side walls.
- You can use the Tire Service Kit air pump to inflate bicycle tires. The kit also comes with two needles, located in the Accessory Storage Compartment (on the bottom of the air pump) for inflating sport balls, rafts, or similar inflatable items. However, use only the Air Pump and make sure the Mode Select Knob is in the Air Mode when inflating such items to avoid injecting sealant into them.
- Do not lift or carry the Tire Service Kit by the hoses.

WARNING!

- Do not attempt to seal a tire on the side of the vehicle closest to traffic. Pull far enough off the road to avoid the danger of being hit when using the Tire Service Kit.
- Do not use Tire Service Kit or drive the vehicle under the following circumstances:
 - If the puncture in the tire tread is approximately 1/4 inch (6 mm) or larger.
 - If the tire has any sidewall damage.
 - If the tire has any damage from driving with extremely low tire pressure.
 - If the tire has any damage from driving on a flat tire.
 - If the wheel has any damage.
 - If you are unsure of the condition of the tire or the wheel.
- Keep Tire Service Kit away from open flames or heat source.
- A loose Tire Service Kit thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the Tire Service Kit in the place provided. Failure to follow these warnings can result in injuries that

WARNING!

are serious or fatal to you, your passengers, and others around you.

- Take care not to allow the contents of Tire Service Kit to come in contact with hair, eyes, or clothing. Tire Service Kit sealant is harmful if inhaled, swallowed, or absorbed through the skin. It causes skin, eye, and respiratory irritation. Flush immediately with plenty of water if there is any contact with eyes or skin. Change clothing as soon as possible, if there is any contact with clothing.
- Tire Service Kit Sealant solution contains latex. In case of an allergic reaction or rash, consult a physician immediately. Keep Tire Service Kit out of reach of children. If swallowed, rinse mouth immediately with plenty of water and drink plenty of water. Do not induce vomiting! Consult a physician immediately.

Sealing A Tire With Tire Service Kit

Whenever You Stop To Use Tire Service Kit:

1. Pull over to a safe location and turn on the vehicle's Hazard Warning flashers.
2. Verify that the valve stem (on the wheel with the deflated tire) is in a position that is near to the ground. This will allow the Tire Service Kit Hose to reach the valve stem and keep the Tire Service Kit flat on the ground. This will provide the best positioning of the kit when injecting the sealant into the deflated tire and running the air pump. Move the vehicle as necessary to place the valve stem in this position before proceeding.
3. Place the transmission in PARK and cycle the ignition in the OFF position.
4. Apply the parking brake.

Setting Up To Use Tire Service Kit:

1. Uncoil the Sealant Hose and then remove the cap from the fitting at the end of the hose.
2. Place the Tire Service Kit flat on the ground next to the deflated tire.
3. Remove the cap from the valve stem and then screw the fitting at the end of the Sealant Hose onto the valve stem.
4. Uncoil the Power Plug and insert the plug into the vehicle's 12 Volt power outlet.

NOTE:

Do not remove foreign objects (e.g., screws or nails) from the tire.

Injecting Tire Service Kit Sealant Into The Deflated Tire:

1. Always start the vehicle before turning the Tire Service Kit on.
2. Ensure the Mode Select Knob is to the Sealant Mode position.
3. After pushing the Power Button, the sealant (white fluid) will flow from the Sealant Bottle through the Sealant Hose and into the tire.

NOTE:

Sealant may leak out through the puncture in the tire.

If the sealant (white fluid) does not flow within 0 – 10 seconds through the Sealant Hose:

1. Push the Power Button to turn the Tire Service Kit off. Disconnect the Sealant Hose from the valve stem. Make sure the valve stem is free of debris. Reconnect the Sealant Hose to the valve stem. Check that the Mode Select Knob is in the Sealant Mode position and not Air Mode. Push the Power Button to turn the Tire Service Kit on.



2. Connect the Power Plug to a different 12 Volt power outlet in your vehicle or another vehicle, if available. Make sure the vehicle is running before turning the Tire Service Kit on.
3. The Sealant Bottle may be empty due to previous use. Call for assistance.

If the sealant (white fluid) does flow through the Sealant Hose:

1. Continue to operate the pump until sealant is no longer flowing through hose (typically takes 30 - 70 seconds). As the sealant flows through the Sealant Hose, the Pressure Gauge can read as high as 70 psi (4.8 Bar). The Pressure Gauge will decrease quickly from approximately 70 psi (4.8 Bar) to the actual tire pressure when the Sealant Bottle is empty.
2. The pump will start to inject air into the tire immediately after the Sealant Bottle is empty. Continue to operate the pump and inflate the tire to the cold tire inflation pressure found on the tire and loading information label located in the driver-side door opening. Check the tire pressure by looking at the Pressure Gauge.

If the tire does not inflate to at least 26 psi (1.8 Bar) pressure within 15 minutes:

- The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.

If the tire inflates to the recommended pressure or is at least 26 psi (1.8 Bar) pressure within 15 minutes:

NOTE:

If the tire becomes over-inflated, push the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.

1. Push the Power Button to turn the Tire Service Kit off.
2. Remove the speed limit label from the Tire Service Kit and place sticker on the steering wheel.
3. Immediately disconnect the Sealant Hose from the valve stem, reinstall the cap on the fitting at the end of the hose, and place the Tire Service Kit in the vehicle storage location. Proceed to "Drive Vehicle."

Drive Vehicle:

Immediately after injecting sealant and inflating the tire, drive the vehicle 5 miles (8 km) or 10 minutes to ensure distribution of the Tire Service Kit Sealant within the tire. Do not exceed 50 mph (80 km/h).

WARNING!

The Tire Service Kit is not a permanent flat tire repair. Have the tire inspected and repaired or replaced after using the Tire Service Kit. Do not exceed 50 mph (80 km/h) until the tire is repaired or replaced. Failure to follow this warning can result in injuries that are serious or fatal to you, your passengers, and others around you. Have the tire checked as soon as possible at your authorized dealer.

After Driving:

Pull over to a safe location. Refer to "Whenever You Stop To Use Tire Service Kit" in this section before continuing.

1. Uncoil the Sealant Hose, and then remove the cap from the fitting at the end of the hose.

2. Place the Tire Service Kit flat on the ground next to the deflated tire.
3. Remove the cap from the valve stem, and then screw the fitting at the end of the Sealant Hose onto the valve stem.
4. Uncoil the Power Plug and insert the plug into the vehicle's 12 Volt power outlet.
5. Uncoil the Hose and screw the fitting at the end of the hose onto the valve stem.
6. Turn the Mode Select Knob and turn to the Air Mode position.
7. Check the pressure in the tire by reading the Pressure Gauge.

If tire pressure is less than 19 psi (1.3 Bar):

The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.

If the tire pressure is 19 psi (1.3 Bar) or higher:

1. Push the Power Button to turn on Tire Service Kit and inflate the tire to the cold tire inflation pressure found on the tire and loading information label located in the driver-side door opening.

NOTE:

If the tire becomes over-inflated, push the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.

2. Disconnect the Tire Service Kit from the valve stem, reinstall the cap on the valve stem and unplug from 12 Volt outlet.
3. Place the Tire Service Kit in its proper storage area in the vehicle.
4. Have the tire inspected and repaired or replaced at the earliest opportunity at an authorized dealer or tire service center.
5. Remove the Speed Limit sticker from the steering wheel after the tire has been repaired.
6. Replace the Sealant Bottle at an authorized dealer as soon as possible. Refer to "Sealant Bottle Replacement".

NOTE:

When having the tire serviced, advise the authorized dealer or service center that the tire has been sealed using the Tire Service Kit.

Sealant Bottle Replacement:

1. Unwrap the power cord.
2. Unwrap the hose.
3. Remove the bottle cover.
4. Rotate the bottle up beyond vertical to release.
5. Pull the bottle away from the Compressor.

NOTE:

- For sealant bottle installation, follow these steps reverse order.
- Replacement sealant bottles are available at authorized service centers.



JUMP STARTING

The vehicle requires its 12V battery power to “turn-on” the vehicle’s high voltage battery. The high voltage battery is used to charge the 12V battery, provide electric vehicle operation, and to start the vehicle’s gas engine. If the 12V battery has been discharged, the vehicle can be “jump started” using a set of jumper cables and a battery in another vehicle or by using a portable battery booster pack.

If the vehicle’s high voltage battery has also been discharged, it will need to be recharged before the vehicle can be started:

- If the vehicle can be connected to a Level 1 or Level 2 charger where it is currently parked, the vehicle will still require a “jump start” to allow the vehicle to begin the battery charging process. Once the vehicle charging has begun (indicated by the charge status indicator on top the vehicle’s instrument panel), the jumper cables can be removed from the vehicle jump posts.
- If the vehicle cannot be connected to a Level 1 or Level 2 charger where it is currently parked, the vehicle can be moved by connecting 12V power to

the vehicle’s “jump posts” and then shifting the transmission from PARK into NEUTRAL. Power provided by the jumper cables will also allow the electric park brake to be released. Carefully move the vehicle to a Level 1 or Level 2 charge location. While the vehicle is being moved, the external 12V power must remained connected to the vehicle jump posts.

NOTE:

Be careful when moving the vehicle - ensure that control of the vehicle is maintained. Also, ensure that vehicle is secured to prevent unintentional movement during and after moving the vehicle. If the external 12V power becomes disconnected from the vehicle jump posts or there is an interruption of the 12V power while moving the vehicle, the vehicle’s transmission may engage PARK.

When the vehicle is at the charging location, shift the transmission back to PARK, apply the electric park brake, and start the high voltage battery charging. Once the vehicle has been secured against unintentional movement and high voltage battery charging has been initiated, the jumper cables can be removed from the vehicle jump posts.

Jump starting can be dangerous if done improperly so please follow the procedures in this section carefully.

NOTE:

When using a portable battery booster pack, follow the manufacturer’s operating instructions and precautions.

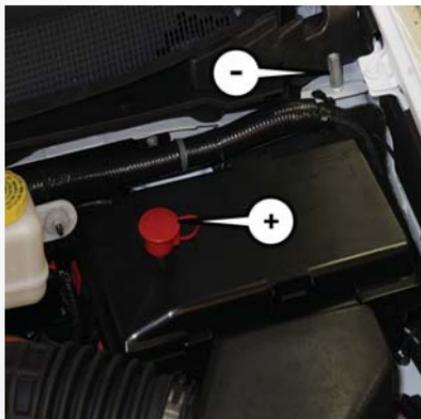
WARNING!

Do not attempt jump starting if the battery is frozen. It could rupture or explode and cause personal injury.

CAUTION!

Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, alternator or electrical system may occur.

Preparations For Jump Start



Jump Starting Locations

- (+) – Remote Positive Post
(-) – Remote Negative Post

The remote battery posts in your vehicle is located on the left side of the engine compartment.

WARNING!

You can be seriously injured or killed working on or around a motor vehicle:

- Keep hands away from the radiator cooling fan when the hood is raised. The fan starts automatically and may start at any time, whether the engine is running or not.
- Remove any jewelry such as rings, watches and bracelets that could make an inadvertent electrical contact.
- Keep open flames or sparks away from the battery. Batteries contain sulfuric acid that can burn your skin or eyes and generate hydrogen gas which is flammable and explosive.

1. Apply the parking brake and place the ignition to OFF.

NOTE:

If the 12V Battery has been sufficiently discharged, this may not be possible.

2. Turn off the heater, radio, and all unnecessary electrical accessories.

3. If using another vehicle to jump start the 12V electrical system, park the vehicle within the jumper cables reach, set the parking brake and make sure the ignition is OFF.

WARNING!

Do not allow vehicles to touch each other as this could establish a ground connection and personal injury could result.

Jump Starting Procedure

WARNING!

Failure to follow this jump starting procedure could result in personal injury or property damage due to battery explosion.

CAUTION!

Failure to follow these procedures could result in damage to the charging system of the booster vehicle or the discharged vehicle.



Connecting The Jumper Cables

1. Connect the positive (+) end of the jumper cable to the remote positive (+) post of the vehicle with the discharged battery.
2. Connect the opposite end of the positive (+) jumper cable to the positive (+) post of the booster battery.
3. Connect the negative (-) end of the jumper cable to the negative (-) post of the booster battery.
4. Connect the opposite end of the negative (-) jumper cable to the remote negative post near the windshield cowl (exposed metal post of the discharged vehicle).

WARNING!

Do not connect the jumper cable to the negative (-) post of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury. Only use the specific ground point, do not use any other exposed metal parts.

5. Start the vehicle that has the booster battery, let the vehicle run a few minutes, and then cycle the ignition to ON/RUN in the vehicle with the discharged battery.
6. Once the ignition is cycled to ON/RUN, select the gear that is needed for moving the vehicle. In most instances of an emergency, this would be neutral. Once the proper gear is selected, remove the jumper cables in the reverse sequence:

Disconnecting The Jumper Cables

1. Disconnect the negative (-) end of the jumper cable from remote negative post of the vehicle with the discharged battery.
2. Disconnect the opposite end of the negative (-) jumper cable from the negative (-) post of the booster battery.
3. Disconnect the positive (+) end of the jumper cable from the positive (+) post of the booster battery.
4. Disconnect the opposite end of the positive (+) jumper cable from the remote positive (+) post of the vehicle with the discharged battery.

If frequent jump starting is required to start your vehicle, you should have the battery and charging system inspected at an authorized dealer.

CAUTION!

Accessories plugged into the vehicle power outlets draw power from the vehicle's battery, even when not in use (i.e., cellular devices, etc.). Eventually, if plugged in long enough without engine operation, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.

REFUELING IN EMERGENCY

The funnel for the Cap-Less Fuel System is located with the spare tire (if equipped) or in the upper storage bin. If your vehicle is out of fuel and an auxiliary fuel can is needed, insert the funnel into the filler neck and proceed to fill the vehicle.

For more information on the Cap-Less Fuel System refer to "Refueling The Vehicle" in "Starting And Operating" in this manual.

IF YOUR ENGINE OVERHEATS

In any of the following situations, you can reduce the potential for overheating by taking the appropriate action.

On the highways — slow down.

NOTE:

There are steps that you can take to slow down an impending overheat condition:

- If your air conditioner (A/C) is on, turn it off. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.
- You can also turn the temperature control to maximum heat, the mode control to floor and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.

WARNING!

You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the

WARNING!

hood, do not open the hood until the radiator has had time to cool. Never try to open a cooling system pressure cap when the radiator or coolant bottle is hot.

CAUTION!

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

FREEING A STUCK VEHICLE

If your vehicle becomes stuck in mud, sand or snow, it can often be moved using a rocking motion. Turn the steering wheel right and left to clear the area around the front wheels. Then shift back and forth between DRIVE and REVERSE while gently pressing the accelerator.

NOTE:

Shifts between DRIVE and REVERSE can only be achieved at wheel speeds of 5 mph (8 km/h) or less. Whenever the transmission remains in NEUTRAL for more than half a second, you must press the brake pedal to engage DRIVE or REVERSE.

Use the least amount of accelerator pedal pressure that will maintain the rocking motion without spinning the wheels or holding down the accelerator pedal.

NOTE:

Push the “ESC Off” switch to place the Electronic Stability Control (ESC) system in “Partial Off” mode, before rocking the vehicle. Refer to “Electronic Brake Control System” in “Safety” in the Owner’s Manual for further information. Once the vehicle has been freed, push the “ESC Off” switch again to restore “ESC On” mode.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause damage, or even failure, of the axle and tires. A tire could explode and injure someone. Do not spin your vehicle’s wheels faster than 30 mph



WARNING!

(48 km/h) or for longer than 30 seconds continuously without stopping when you are stuck and do not let anyone near a spinning wheel, no matter what the speed.

CAUTION!

- When “rocking” a stuck vehicle by shifting between DRIVE and REVERSE, do not spin

CAUTION!

the wheels faster than 15 mph (24 km/h), or drivetrain damage may result.

- Spinning the wheels too fast may lead to transmission overheating and failure. It can also damage the tires. Do not spin the wheels above 30 mph (48 km/h) while in gear (no transmission shifting occurring).
- Allow the engine to idle with the transmission in NEUTRAL for at least one minute after

CAUTION!

every five rocking-motion cycles. This will minimize overheating and reduce the risk of transmission failure during prolonged efforts to free a stuck vehicle.

TOWING A DISABLED VEHICLE

This section describes procedures for towing a disabled vehicle using a commercial towing service.

Towing Condition	Wheel OFF The Ground	ALL MODELS
Flat Tow	NONE	NOT ALLOWED
Wheel Lift Or Dolly Tow	Front	OK
	Rear	NOT ALLOWED
Flatbed	ALL	BEST METHOD

Proper towing or lifting equipment is required to prevent damage to your vehicle. Use only tow bars and other equipment designed for this purpose, following equipment manufacturer's instructions. Use of safety chains is mandatory. Attach a tow bar or other towing device to main structural members of the vehicle, not to bumpers or associated brackets. State and local laws regarding vehicles under tow must be observed.

NOTE:

- You must ensure that the Auto Park Brake feature is disabled before towing this vehicle (if rear wheels are on the ground), to avoid inadvertent Electric Park Brake engagement. The Auto Park Brake feature is enabled or disabled via the customer programmable features in the Uconnect Settings.
- Vehicles with a discharged battery or total electrical failure when the Electric Parking Brake (EPB) is engaged, will need a wheel dolly or jack to raise the rear wheels off the ground when moving the vehicle onto a flatbed.

The manufacturer recommends towing your vehicle with all four wheels **OFF** the ground using a flatbed.

If flatbed equipment is not available, this vehicle must be towed with the front wheels **OFF** the ground (using a towing dolly, or wheel lift equipment with the front wheels raised).

NOTE:

Ensure that the Electric Park Brake is released, and remains released, while being towed.

CAUTION!

Towing this vehicle in violation of the above requirements can cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

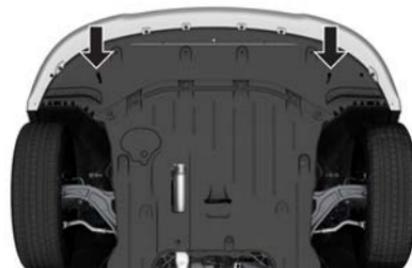
Vehicle Recovery Tow Points

Your vehicle is equipped with Vehicle Recovery Points that can be used to recover a disabled vehicle, located on the underbody of the vehicle.

NOTE:

- Ensure that the towing service tow hooks are properly seated and secured in the attachment points.
- This recovery tow feature should be used by a trained professional only.

- Use approved receptacle location to free the disabled vehicle from its environment.



Front Recovery Points

CAUTION!

Recovery feature:

- Is to be used by a professional **ONLY**.
 - Is used only to provide recovery of the vehicle.
 - Is **NOT** to be used to recover secondary vehicle.
 - Is **NOT** to be used for transporting the vehicle over the road, i.e. "Flat Towing".
- Recovery load should:
- Be applied at constant speed.



CAUTION!

- Be applied parallel to the center line of the length of the vehicle.
- Not be an abrupt acceleration.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN mode, not the ACC mode.

NOTE:

The Safehold feature will engage the Electric Park Brake whenever the driver's door is opened (if the ignition is ON, transmission is not in PARK, and brake pedal is released). If you are towing this vehicle with the ignition in the ON/RUN mode, you must manually disable the Electric Park Brake each time the driver's door is opened, by pressing the brake pedal and then releasing the EPB.

CAUTION!

- Do not use sling-type equipment when towing. Vehicle damage may occur.

CAUTION!

- When securing the vehicle to a flatbed truck, do not attach to front or rear suspension components. Damage to your vehicle may result from improper towing.
- Ensure that the Electric Park Brake is released, and remains released, while being towed.

ENHANCED ACCIDENT RESPONSE SYSTEM (EARS)

This vehicle is equipped with an Enhanced Accident Response System.

Please refer to "Occupant Restraint Systems" in "Safety" for further information on the Enhanced Accident Response System (EARS) function.

EVENT DATA RECORDER (EDR)

This vehicle is equipped with an Event Data Recorder (EDR). The main purpose of an EDR is to record data that will assist in understanding how a vehicle's systems performed under certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle.

Please refer to "Occupant Restraint Systems" in "Safety" for further information on the Event Data Recorder (EDR).

SCHEDULED SERVICING

Your vehicle is equipped with an automatic oil change indicator system. The oil change indicator system will remind you that it is time to take your vehicle in for scheduled maintenance.

Based on engine operation conditions, the oil change indicator message will illuminate. This means that service is required for your vehicle. Operating conditions such as frequent short-trips, or extremely hot or cold ambient temperatures will influence when the “Oil Change Required” message is displayed. Severe Operating Conditions can cause the change oil message to illuminate as early as 3,500 miles (5,600 km) since last reset. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

NOTE:

Even though the vehicle may not have been driven, both the fuel in the tank and oil in the engine will still degrade over time. Additionally, there will be a notification to the driver if the engine is being run to maintain the oil and fuel systems.

Your authorized dealer will reset the oil change indicator message after completing the scheduled oil change. If a scheduled oil change is performed by someone other than your authorized dealer, the

message can be reset by referring to “Vehicle Info” in “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” For further information, refer to your Owner’s Manual.

NOTE:

Under no circumstances should oil change intervals exceed 10,000 miles (16,000 km), 12 months or 350 hours of engine run time, whichever comes first. The 350 hours of engine run or idle time is generally only a concern for fleet customers.

Severe Duty All Models

Change Engine Oil at 4,000 miles (6,500 km) or 350 hours of engine run time if the vehicle is operated in a dusty and off road environment or is operated predominately at idle or only very low engine RPM’s. This type of vehicle use is considered Severe Duty.

Once A Month Or Before A Long Trip:

- Check engine oil level.
- Check windshield washer fluid level.
- Check tire pressure and look for unusual wear or damage. Rotate tires at the first sign of irregular wear, even if it occurs before the oil indicator system turns on.

- Check the fluid levels of the coolant reservoir and brake master cylinder, fill as needed.
- Check function of all interior and exterior lights.

Maintenance Plan

Required Maintenance Intervals

Refer to the maintenance schedules on the following page for the required maintenance intervals.

At Every Oil Change Interval As Indicated By Oil Change Indicator System:

- Change oil and filter
- Rotate the tires
Rotate at the first sign of irregular wear, even if it occurs before the oil indicator system turns on
- Inspect battery and clean and tighten terminals as required
- Inspect brake pads, shoes, rotors, drums, hoses and park brake
- Inspect engine cooling system protection and hoses
- Inspect exhaust system
- Inspect engine air cleaner if using in dusty or off-road conditions



Mileage or time passed (whichever comes first)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
	Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional Inspections														
Inspect the CV joints.	X		X		X		X		X		X		X	
Inspect front suspension, boot seals, tie rod ends, and replace if necessary.	X		X		X		X		X		X		X	
Inspect the brake linings, parking brake function.	X		X		X		X		X		X		X	
Inspect front accessory drive belt, tensioner, idler pulley, and replace if necessary.														X
Additional Maintenance														
Replace engine air cleaner filter.		X			X			X			X			X
Replace air conditioning/cabin air filter.	X		X		X		X		X		X		X	
Replace spark plugs.(**)									X					
Flush and replace the engine, power electronics, and battery coolant at 10 years or 150,000 miles (240,000 km), whichever comes first.(***)									X					X
Inspect and replace PCV valve if necessary.									X					

(**) The spark plug change interval is mileage based only, yearly intervals do not apply.

(***) Some vehicles require special tools to add coolant properly. Failure to fill these systems properly could lead to severe internal damage. If any coolant is needed to be added to the system please contact your local authorized dealer.

WARNING!

- You can be badly injured working on or around a motor vehicle. Do only service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.
- Failure to properly inspect and maintain your vehicle could result in a component malfunction and effect vehicle handling and performance. This could cause an accident.

Heavy Duty Use Of The Vehicle

Change Engine Oil at 4,000 miles (6,500 km) or 350 hours of engine run time if the vehicle is operated in a dusty and off road environment. This type of vehicle use is considered Severe Duty.



ENGINE COMPARTMENT – HYBRID



1 – Battery Coolant Reservoir*

2 – Engine Coolant Reservoir

3 – Engine Oil Fill

4 – Brake Fluid Reservoir

5 – Remote Jump Start Positive Terminal

6 – Power Distribution Center (Fuses)

7 – Engine Air Cleaner

8 – Engine Oil Dipstick

9 – Power Electronics Coolant Reservoir*

10 – Washer Fluid Reservoir

* See your authorized dealer for service.

RAISING THE VEHICLE

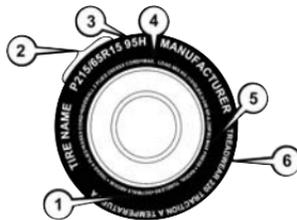
In the case where it is necessary to raise the vehicle, go to an authorized dealer or service station.

TIRES

Tire Safety Information

Tire safety information will cover aspects of the following information: Tire Markings, Tire Identification Numbers, Tire Terminology and Definitions, Tire Pressures, and Tire Loading.

Tire Markings



Tire Markings

1 – U.S. DOT Safety Standards Code (TIN)	4 – Maximum Load
2 – Size Designation	5 – Maximum Pressure
3 – Service Description	6 – Treadwear, Traction and Temperature Grades

NOTE:

- P (Passenger) – Metric tire sizing is based on U.S. design standards. P-Metric tires have the letter “P” molded into the sidewall preceding the size designation. Example: P215/65R15 95H.

- European – Metric tire sizing is based on European design standards. Tires designed to this standard have the tire size molded into the sidewall beginning with the section width. The letter “P” is absent from this tire size designation. Example: 215/65R15 96H.
- LT (Light Truck) – Metric tire sizing is based on U.S. design standards. The size designation for LT-Metric tires is the same as for P-Metric tires except for the letters “LT” that are molded into the sidewall preceding the size designation. Example: LT235/85R16.
- Temporary spare tires are designed for temporary emergency use only. Temporary high pressure compact spare tires have the letter “T” or “S” molded into the sidewall preceding the size designation. Example: T145/80D18 103M.
- High flotation tire sizing is based on U.S. design standards and it begins with the tire diameter molded into the sidewall. Example: 31x10.5 R15 LT.



Tire Sizing Chart

EXAMPLE:

Example Size Designation: P215/65R15XL 95H, 215/65R15 96H, LT235/85R16C, T145/80D18 103M, 31x10.5 R15 LT

P = Passenger car tire size based on U.S. design standards, or

“....blank....” = Passenger car tire based on European design standards, or

LT = Light truck tire based on U.S. design standards, or

T or S = Temporary spare tire or

31 = Overall diameter in inches (in)

215, 235, 145 = Section width in millimeters (mm)

65, 85, 80 = Aspect ratio in percent (%)

- Ratio of section height to section width of tire, or

10.5 = Section width in inches (in)

R = Construction code

- “R” means radial construction, or
 - “D” means diagonal or bias construction
-

15, 16, 18 = Rim diameter in inches (in)

Service Description:

95 = Load Index

- A numerical code associated with the maximum load a tire can carry
-

H = Speed Symbol

- A symbol indicating the range of speeds at which a tire can carry a load corresponding to its load index under certain operating conditions
- The maximum speed corresponding to the speed symbol should only be achieved under specified operating conditions (i.e., tire pressure, vehicle loading, road conditions, and posted speed limits)

EXAMPLE:

Load Identification:

Absence of the following load identification symbols on the sidewall of the tire indicates a Standard Load (SL) tire:

- **XL** = Extra load (or reinforced) tire, or
- **LL** = Light load tire or
- **C, D, E, F, G** = Load range associated with the maximum load a tire can carry at a specified pressure

Maximum Load – Maximum load indicates the maximum load this tire is designed to carry

Maximum Pressure – Maximum pressure indicates the maximum permissible cold tire inflation pressure for this tire

Tire Identification Number (TIN)

The TIN may be found on one or both sides of the tire; however, the date code may only be on one side. Tires with white sidewalls will have the full TIN, including the date code, located on the white sidewall side of the tire. Look for the TIN on the outboard side of black sidewall tires as mounted on the vehicle. If the TIN is not found on the outboard side, then you will find it on the inboard side of the tire.

EXAMPLE:

DOT MA L9 ABCD 0301

DOT = Department of Transportation

- This symbol certifies that the tire is in compliance with the U.S. Department of Transportation tire safety standards and is approved for highway use

MA = Code representing the tire manufacturing location (two digits)

L9 = Code representing the tire size (two digits)

ABCD = Code used by the tire manufacturer (one to four digits)

03 = Number representing the week in which the tire was manufactured (two digits)

- 03 means the 3rd week

01 = Number representing the year in which the tire was manufactured (two digits)

- 01 means the year 2001
- Prior to July 2000, tire manufacturers were only required to have one number to represent the year in which the tire was manufactured. Example: 031 could represent the 3rd week of 1981 or 1991



Tire Terminology And Definitions

Term	Definition
B-Pillar	The vehicle B-Pillar is the structural member of the body located behind the front door.
Cold Tire Inflation Pressure	Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. Inflation pressure is measured in units of PSI (pounds per square inch) or kPa (kilopascals).
Maximum Inflation Pressure	The maximum inflation pressure is the maximum permissible cold tire inflation pressure for this tire. The maximum inflation pressure is molded into the sidewall.
Recommended Cold Tire Inflation Pressure	Vehicle manufacturer's recommended cold tire inflation pressure as shown on the tire placard.
Tire Placard	A label permanently attached to the vehicle describing the vehicle's loading capacity, the original equipment tire sizes and the recommended cold tire inflation pressures.

Tire Loading And Tire Pressure

NOTE:

The proper cold tire inflation pressure is listed on the driver's side B-Pillar or the rear edge of the driver's side door.

Check the inflation pressure of each tire, including the spare tire (if equipped), at least monthly and inflate to the recommended pressure for your vehicle.



Example Tire Placard Location (Door)



Example Tire Placard Location (B-Pillar)

Tire And Loading Information Placard

TIRE AND LOADING INFORMATION				
SEATING CAPACITY - TOTAL 5 FRONT 2 REAR 3				
THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED XXX KG OR XXX LBS				
TIRE	FRONT	REAR	SPARE	
ORIGINAL TIRE SIZE	P195/70R14	P195/70R14	T125/70D15	
COLD TIRE INFLATION PRESSURE	200kPa, 29PSI	200kPa, 29PSI	420kPa, 60PSI	
SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION			4N109268	

Tire And Loading Information Placard

This placard tells you important information about the:

1. Number of people that can be carried in the vehicle.
2. Total weight your vehicle can carry.
3. Tire size designed for your vehicle.
4. Cold tire inflation pressures for the front, rear, and spare tires.

Loading

The vehicle maximum load on the tire must not exceed the load carrying capacity of the tire on your vehicle. You will not exceed the tire's load carrying capacity if you adhere to the loading conditions, tire size, and cold tire inflation pressures specified on the Tire and Loading Information placard in "Vehicle Loading" in the "Starting And Operating" section of this manual.

NOTE:

Under a maximum loaded vehicle condition, gross axle weight ratings (GAWRs) for the front and rear axles must not be exceeded.



To determine the maximum loading conditions of your vehicle, locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs” on the Tire and Loading Information placard. The combined weight of occupants, cargo/luggage and trailer tongue weight (if applicable) should never exceed the weight referenced here.

Steps For Determining Correct Load Limit—

- (1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle’s placard.
- (2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- (3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.

(4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if “XXX” amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400-750 (5x150) = 650 lbs.)

(5) Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

Metric Example For Load Limit

For example, if “XXX” amount equals 635 kg and there will be five 68 kg passengers in your vehicle, the amount of available cargo and luggage load capacity is 295 kg (635-340 (5x68) = 295 kg) as shown in step 4.

NOTE:

- Trailer towing is not permitted with this vehicle.
- The following table shows examples on how to calculate total load and cargo/luggage capacities of your vehicle with varying seating configurations and number and size of occupants. This table is for illustration purposes only and may not be accurate for the seating and load carry capacity of your vehicle.
- For the following example, the combined weight of occupants and cargo should never exceed 865 lbs (392 kg).

Occupants			Combined weight of occupants and cargo from Tire Placard	MINUS	Combined Occupant's weight	=	AVAILABLE Cargo/Luggage and Trailer Tongue Weight
TOTAL	FRONT	REAR					
EXAMPLE 1			865 lbs	minus	670 lbs	=	195 lbs
5	2	3					
EXAMPLE 2			865 lbs	minus	540 lbs	=	325 lbs
3	2	1					
EXAMPLE 3			865 lbs	minus	400 lbs	=	465 lbs
2	2	0					

Occupant 1: 200 lbs
 Occupant 2: 130 lbs
 Occupant 3: 160 lbs
 Occupant 4: 100 lbs
 Occupant 5: 80 lbs
 TOTAL WEIGHT: 670 lbs

Occupant 1: 210 lbs
 Occupant 2: 180 lbs
 Occupant 3: 150 lbs
 TOTAL WEIGHT: 540 lbs

Occupant 1: 200 lbs
 Occupant 2: 200 lbs
 TOTAL WEIGHT: 400 lbs

EXAMPLE

811a4d11



WARNING!

Overloading of your tires is dangerous. Overloading can cause tire failure, affect vehicle handling, and increase your stopping distance. Use tires of the recommended load capacity for your vehicle. Never overload them.

Tires – General Information**Tire Pressure**

Proper tire inflation pressure is essential to the safe and satisfactory operation of your vehicle. Four primary areas are affected by improper tire pressure:

- Safety and Vehicle Stability
- Economy
- Tread Wear
- Ride Comfort

Safety**WARNING!**

- Improperly inflated tires are dangerous and can cause collisions.
- Underinflation increases tire flexing and can result in overheating and tire failure.
- Overinflation reduces a tire's ability to cushion shock. Objects on the road and chuck-holes can cause damage that result in tire failure.
- Overinflated or underinflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control.
- Unequal tire pressures can cause steering problems. You could lose control of your vehicle.
- Unequal tire pressures from one side of the vehicle to the other can cause the vehicle to drift to the right or left.
- Always drive with each tire inflated to the recommended cold tire inflation pressure.

Both under-inflation and over-inflation affect the stability of the vehicle and can produce a feeling of sluggish response or over responsiveness in the steering.

NOTE:

- Unequal tire pressures from side to side may cause erratic and unpredictable steering response.
- Unequal tire pressure from side to side may cause the vehicle to drift left or right.

Fuel Economy

Underinflated tires will increase tire rolling resistance resulting in higher fuel consumption.

Tread Wear

Improper cold tire inflation pressures can cause abnormal wear patterns and reduced tread life, resulting in the need for earlier tire replacement.

Ride Comfort And Vehicle Stability

Proper tire inflation contributes to a comfortable ride. Over-inflation produces a jarring and uncomfortable ride.

Tire Inflation Pressures

The proper cold tire inflation pressure is listed on the driver's side B-Pillar or rear edge of the driver's side door.

At least once a month:

- Check and adjust tire pressure with a good quality pocket-type pressure gauge. Do not make a visual judgement when determining proper inflation. Tires may look properly inflated even when they are under-inflated.
- Inspect tires for signs of tire wear or visible damage.

CAUTION!

After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the valve stem.

Inflation pressures specified on the placard are always “cold tire inflation pressure”. Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall.

Check tire pressures more often if subject to a wide range of outdoor temperatures, as tire pressures vary with temperature changes.

Tire pressures change by approximately 1 psi (7 kPa) per 12°F (7°C) of air temperature change. Keep this in mind when checking tire pressure inside a garage, especially in the Winter.

Example: If garage temperature = 68°F (20°C) and the outside temperature = 32°F (0°C) then the cold tire inflation pressure should be increased by 3 psi (21 kPa), which equals 1 psi (7 kPa) for every 12°F (7°C) for this outside temperature condition.

Tire pressure may increase from 2 to 6 psi (13 to 40 kPa) during operation. DO NOT reduce this normal pressure build up or your tire pressure will be too low.

Tire Pressures For High Speed Operation

The manufacturer advocates driving at safe speeds and within posted speed limits. Where speed limits or conditions are such that the vehicle can be driven at high speeds, maintaining correct tire inflation pressure is very important. Increased tire pressure and reduced vehicle loading may be required for high-speed vehicle operation. Refer to an authorized tire dealer or original equipment vehicle dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

WARNING!

High speed driving with your vehicle under maximum load is dangerous. The added strain on your tires could cause them to fail. You could have a serious collision. Do not drive a vehicle loaded to the maximum capacity at continuous speeds above 75 mph (120 km/h).

Radial Ply Tires

WARNING!

Combining radial ply tires with other types of tires on your vehicle will cause your vehicle to handle poorly. The instability could cause a collision. Always use radial ply tires in sets of four. Never combine them with other types of tires.

Tire Repair

If your tire becomes damaged, it may be repaired if it meets the following criteria:

- The tire has not been driven on when flat.
- The damage is only on the tread section of your tire (sidewall damage is not repairable).



- The puncture is no greater than a $\frac{1}{4}$ of an inch (6 mm).

Consult an authorized tire dealer for tire repairs and additional information.

Damaged Run Flat tires, or Run Flat tires that have experienced a loss of pressure should be replaced immediately with another Run Flat tire of identical size and service description (Load Index and Speed Symbol). Replace the tire pressure sensor as well as it is not designed to be reused.

Run Flat Tires — If Equipped

Run Flat tires allow you the capability to drive 50 miles (80 km) at 50 mph (80 km/h) after a rapid loss of inflation pressure. This rapid loss of inflation is referred to as the Run Flat mode. A Run Flat mode occurs when the tire inflation pressure is of/or below 14 psi (96 kPa). Once a Run Flat tire reaches the run flat mode it has limited driving capabilities and needs to be replaced immediately. A Run Flat tire is not repairable. When a run flat tire is changed after driving with underinflated tire condition, please replace the TPM sensor as it is not designed to be reused when driven under run flat mode (14 psi (96 kPa)) condition.

NOTE:

TPM Sensor must be replaced after driving the vehicle on a flat tire condition.

It is not recommended driving a vehicle loaded at full capacity or to tow a trailer while a tire is in the run flat mode.

See the tire pressure monitoring section for more information.

Tire Spinning

When stuck in mud, sand, snow, or ice conditions, do not spin your vehicle's wheels above 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping.

Refer to "Freeing A Stuck Vehicle" in "In Case Of Emergency" for further information.

WARNING!

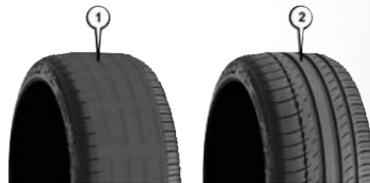
Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause tire damage or failure. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) for more than 30 seconds continuously when you are

WARNING!

stuck, and do not let anyone near a spinning wheel, no matter what the speed.

Tread Wear Indicators

Tread wear indicators are in the original equipment tires to help you in determining when your tires should be replaced.



Tire Tread

- 1 — Worn Tire
- 2 — New Tire

These indicators are molded into the bottom of the tread grooves. They will appear as bands when the tread depth becomes a $\frac{1}{16}$ of an inch (1.6 mm). When the tread is worn to the tread wear indicators, the tire should be replaced.

Refer to “Replacement Tires” in this section for further information.

Life Of Tire

The service life of a tire is dependent upon varying factors including, but not limited to:

- Driving style.
- Tire pressure - Improper cold tire inflation pressures can cause uneven wear patterns to develop across the tire tread. These abnormal wear patterns will reduce tread life, resulting in the need for earlier tire replacement.
- Distance driven.
- Performance tires, tires with a speed rating of V or higher, and Summer tires typically have a reduced tread life. Rotation of these tires per the vehicle scheduled maintenance is highly recommended.

WARNING!

Tires and the spare tire should be replaced after six years, regardless of the remaining tread. Failure to follow this warning can result in sudden tire failure. You could lose control and have a collision resulting in serious injury or death.

NOTE:

Wheel Valve Stem must be replaced as well when installing new tires due to wear and tear in existing tires.

Keep dismounted tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease, and gasoline.

Replacement Tires

The tires on your new vehicle provide a balance of many characteristics. They should be inspected regularly for wear and correct cold tire inflation pressures. The manufacturer strongly recommends that you use tires equivalent to the originals in size, quality and performance when replacement is needed. Refer to the paragraph on “Tread Wear Indicators” in this section. Refer to the Tire and Loading Information placard or the Vehicle Certification Label for the size designation of your tire. The Load Index and Speed Symbol for your tire will be found on the original equipment tire sidewall.

See the Tire Sizing Chart example found in the “Tire Safety Information” section of this manual for more information relating to the Load Index and Speed Symbol of a tire.

It is recommended to replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle’s handling. If you ever replace a wheel, make sure that the wheel’s specifications match those of the original wheels.

It is recommended you contact an authorized tire dealer or original equipment dealer with any questions you may have on tire specifications or capability. Failure to use equivalent replacement tires may adversely affect the safety, handling, and ride of your vehicle.

WARNING!

- Do not use a tire, wheel size, load rating, or speed rating other than that specified for your vehicle. Some combinations of unapproved tires and wheels may change suspension dimensions and performance characteristics, resulting in changes to steering, handling, and braking of your vehicle. This can cause unpredictable handling and stress to steering and suspension components. You could lose control and have a collision resulting in serious injury or death. Use only the tire and wheel



WARNING!

sizes with load ratings approved for your vehicle.

- Never use a tire with a smaller load index or capacity, other than what was originally equipped on your vehicle. Using a tire with a smaller load index could result in tire overloading and failure. You could lose control and have a collision.
- Failure to equip your vehicle with tires having adequate speed capability can result in sudden tire failure and loss of vehicle control.

CAUTION!

Replacing original tires with tires of a different size may result in false speedometer and odometer readings.

Tire Types**All Season Tires – If Equipped**

All Season tires provide traction for all seasons (Spring, Summer, Fall, and Winter). Traction levels may vary between different all season tires. All season tires can be identified by the M+S, M&S, M/S or

MS designation on the tire sidewall. Use all season tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Summer Or Three Season Tires – If Equipped

Summer tires provide traction in both wet and dry conditions, and are not intended to be driven in snow or on ice. If your vehicle is equipped with Summer tires, be aware these tires are not designed for Winter or cold driving conditions. Install Winter tires on your vehicle when ambient temperatures are less than 40°F (5°C) or if roads are covered with ice or snow. For more information, contact an authorized dealer.

Summer tires do not contain the all season designation or mountain/snowflake symbol on the tire sidewall. Use Summer tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

WARNING!

Do not use Summer tires in snow/ice conditions. You could lose vehicle control, resulting in severe

WARNING!

injury or death. Driving too fast for conditions also creates the possibility of loss of vehicle control.

Snow Tires

Some areas of the country require the use of snow tires during the Winter. Snow tires can be identified by a “mountain/snowflake” symbol on the tire sidewall.



If you need snow tires, select tires equivalent in size and type to the original equipment tires. Use snow tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Snow tires generally have lower speed ratings than what was originally equipped with your vehicle and should not be operated at sustained speeds over 75 mph (120 km/h). For speeds above 75 mph

description on the Tire and Loading Information Placard located on the driver's side door opening or on the sidewall of the tire.

Collapsible spare tire description example: 165/80-17 101P.

Since this tire has limited tread life, the original equipment tire should be repaired (or replaced) and reinstalled on your vehicle at the first opportunity.

Inflate collapsible tire only after the wheel is properly installed to the vehicle. Inflate the collapsible tire using the electric air pump before lowering the vehicle.

Do not install a wheel cover or attempt to mount a conventional tire on the collapsible spare wheel, since the wheel is designed specifically for the collapsible spare tire.

WARNING!

Compact and Collapsible spares are for temporary emergency use only. With these spares, do not drive more than 50 mph (80 km/h). Temporary use spares have limited tread life. When the tread is worn to the tread wear indicators, the temporary use spare tire needs to be replaced.

WARNING!

Be sure to follow the warnings, which apply to your spare. Failure to do so could result in spare tire failure and loss of vehicle control.

Full Size Spare – If Equipped

The full size spare is for temporary emergency use only. This tire may look like the originally equipped tire on the front or rear axle of your vehicle, but it is not. This spare tire may have limited tread life. When the tread is worn to the tread wear indicators, the temporary use full size spare tire needs to be replaced. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

Limited Use Spare – If Equipped

The limited use spare tire is for temporary emergency use only. This tire is identified by a label located on the limited use spare wheel. This label contains the driving limitations for this spare. This tire may look like the original equipped tire on the front or rear axle of your vehicle, but it is not. Installation of this limited use spare tire affects ve-

hicle handling. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

WARNING!

Limited use spares are for emergency use only. Installation of this limited use spare tire affects vehicle handling. With this tire, do not drive more than the speed listed on the limited use spare wheel. Keep inflated to the cold tire inflation pressures listed on your Tire and Loading Information Placard located on the driver's side B-Pillar or the rear edge of the driver's side door. Replace (or repair) the original equipment tire at the first opportunity and reinstall it on your vehicle. Failure to do so could result in loss of vehicle control.

Wheel And Wheel Trim Care

All wheels and wheel trim, especially aluminum and chrome plated wheels, should be cleaned regularly using mild (neutral Ph) soap and water to maintain their luster and to prevent corrosion. Wash wheels with the same soap solution recommended for the body of the vehicle and remember to always wash when the surfaces are not hot to the touch.

Your wheels are susceptible to deterioration caused by salt, sodium chloride, magnesium chloride, calcium chloride, etc., and other road chemicals used to melt ice or control dust on dirt roads. Use a soft cloth or sponge and mild soap to wipe away promptly. Do not use harsh chemicals or a stiff brush. They can damage the wheel's protective coating that helps keep them from corroding and tarnishing.

CAUTION!

Avoid products or automatic car washes that use acidic solutions or strong alkaline additives or harsh brushes. Many aftermarket wheel cleaners and automatic car washes may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty.

CAUTION!

Only car wash soap, Mopar Wheel Cleaner or equivalent is recommended.

When cleaning extremely dirty wheels including excessive brake dust, care must be taken in the selection of tire and wheel cleaning chemicals and equipment to prevent damage to the wheels. Mopar Wheel Treatment or Mopar Chrome Cleaner or their equivalent is recommended or select a non-abrasive, non-acidic cleaner for aluminum or chrome wheels.

CAUTION!

Do not use scouring pads, steel wool, a bristle brush, metal polishes or oven cleaner. These products may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty. Only car wash soap, Mopar Wheel Cleaner or equivalent is recommended.

NOTE:

If you intend parking or storing your vehicle for an extended period after cleaning the wheels with wheel cleaner, drive your vehicle and apply the brakes to remove the water droplets from the brake components. This activity will remove the red rust on the brake rotors and prevent vehicle vibration when braking.

Dark Vapor Chrome, Black Satin Chrome, or Low Gloss Clear Coat Wheels

CAUTION!

If your vehicle is equipped with these specialty wheels, **DO NOT USE** wheel cleaners, abrasives, or polishing compounds. They will permanently damage this finish and such damage is not covered by the New Vehicle Limited Warranty. **HAND WASH ONLY USING MILD SOAP AND WATER WITH A SOFT CLOTH.** Used on a regular basis; this is all that is required to maintain this finish.



DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES

The following tire grading categories were established by the National Highway Traffic Safety Administration. The specific grade rating assigned by the tire's manufacturer in each category is shown on the sidewall of the tires on your vehicle.

All passenger vehicle tires must conform to Federal safety requirements in addition to these grades.

Treadwear

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded 100. The rela-

tive performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

Traction Grades

The Traction grades, from highest to lowest, are AA, A, B, and C. These grades represent the tire's ability to stop on wet pavement, as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING!

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature Grades

The Temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat, when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance, which all passenger vehicle tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel, than the minimum required by law.

WARNING!

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.



WHEEL AND TIRE TORQUE SPECIFICATIONS

Proper lug nut/bolt torque is very important to ensure that the wheel is properly mounted to the vehicle. Any time a wheel has been removed and reinstalled on the vehicle, the lug nuts/bolts should be torqued using a properly calibrated torque wrench using a high quality six sided (hex) deep wall socket.

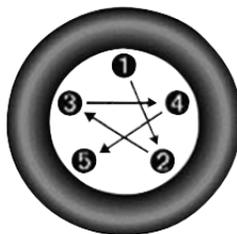
Torque Specifications

Lug Nut/Bolt Torque	**Lug Nut/Bolt Size	Lug Nut/Bolt Socket Size
100 Ft-Lbs (135 N·m)	M12 x 1.5	19 mm

**Use only your authorized dealer recommended lug nuts/bolts and clean or remove any dirt or oil before tightening.

Inspect the wheel mounting surface prior to mounting the tire and remove any corrosion or loose particles.

Tighten the lug nuts/bolts in a star pattern until each nut/bolt has been tightened twice. Ensure that the socket is fully engaged on the lug nut/bolt (do not insert it halfway).



Torque Pattern

After 25 miles (40 km) check the lug nut/bolt torque to be sure that all the lug nuts/bolts are properly seated against the wheel.

WARNING!

To avoid the risk of forcing the vehicle off the jack, do not tighten the lug nuts/bolts fully until the vehicle has been lowered. Failure to follow this warning may result in personal injury.

FLUID CAPACITIES

	U.S.	Metric
Fuel (Approximate)		
3.6L Engines	16.5 Gallons	62 Liters
Engine Oil With Filter		
3.6 Liter Engine (SAE 0W-20 , API Certified)	5 Quarts	4.7 Liters
Cooling System*		
3.6 Liter Engine Coolant (Mopar Antifreeze/Engine Coolant 10 Year/150,000 Mile Formula with deionized, or distilled water for proper corrosion protection)	14.6 Quarts	13.8 Liters
Battery Coolant (Contact an authorized dealer for service)	4.2 Quarts	4.0 Liters
Power Electronics Coolant (Contact an authorized dealer for service)	3.7 Quarts	3.5 Liters
* Includes heater and coolant reservoir filled to MAX level.		

NOTE:

Battery Coolant and Power Electronics Coolant reservoir require a special tool to service the coolant system. Contact an authorized dealer for service.



FLUIDS AND LUBRICANTS

Engine

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	We recommend you use Mopar Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) with deionized, or distilled water for proper corrosion protection or equivalent meeting the requirements of FCA Material Standard MS.90032.
Battery Coolant	We recommend you use Mopar Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) with deionized, or distilled water for proper corrosion protection or equivalent meeting the requirements of FCA Material Standard MS.90032.
Power Electric Coolant	We recommend you use Mopar Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) with deionized, or distilled water for proper corrosion protection or equivalent meeting the requirements of FCA Material Standard MS.90032.
Engine Oil – 3.6L Engine	We recommend you use API Certified SAE 0W-20 Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as Mopar, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade.
Engine Oil Filter	We recommend you use a Mopar Engine Oil Filter.
Spark Plugs	We recommend you use Mopar Spark Plugs.
Fuel Selection	87 Octane, 0-15% Ethanol (Do not use E-85).

CAUTION!

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology (OAT) engine coolant (antifreeze), may result in engine damage and may decrease corrosion protection. Organic Additive Technology (OAT) engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant (antifreeze) or any “globally compatible” cool-

CAUTION!

- ant (antifreeze). If a non-OAT engine coolant (antifreeze) is introduced into the cooling system in an emergency, the cooling system will need to be drained, flushed, and refilled with fresh OAT coolant (conforming to MS.90032), by an authorized dealer as soon as possible.
- Do not use water alone or alcohol-based engine coolant (antifreeze) products. Do not use

CAUTION!

- additional rust inhibitors or antirust products, as they may not be compatible with the radiator engine coolant and may plug the radiator.
- This vehicle has not been designed for use with propylene glycol-based engine coolant (antifreeze). Use of propylene glycol-based engine coolant (antifreeze) is not recommended.

Chassis

Component	Fluid, Lubricant, or Genuine Part
Automatic Transmission	Use only Mopar ZF 8&9 Speed ATF Automatic Transmission Fluid, or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission.
Brake Master Cylinder	We recommend you use Mopar DOT 3 Brake Fluid, SAE J1703 should be used. If DOT 3, SAE J1703 brake fluid is not available, then DOT 4 is acceptable. Use only recommended brake fluids.
Refrigerant	Use only refrigerant R-1234yf Charge Amount: A/C System — 907g (2.0 lb)
Compressor Oil	Use only POE: A/C System — 225 ml



MOPAR ACCESSORIES

Authentic Accessories By Mopar

- The following highlights just some of the many Authentic Chrysler Accessories by Mopar featuring a fit, finish, and functionality specifically for your Chrysler Pacifica Hybrid.

EXTERIOR:

- Front Air Deflector
- Wheel Locks
- Molded Running Boards
- Mastershield Undercoating

INTERIOR:

- Premium Carpet Floor Mats
- Mastershield Fabric Protection
- Mastershield Leather Protection
- Storage Totes And Coolers

- In choosing Authentic Accessories you gain far more than expressive style, premium protection, or extreme entertainment, you also benefit from enhancing your vehicle with accessories that have been thoroughly tested and factory-approved.

- Body Side Molding
- Roof Rack
- License Plate Frames

- Door Sill Guards
- Premium Carpet Cargo Mat
- All Weather (Slush) Mat
- All Weather (Slush) Cargo Mat

- For the full line of Authentic Chrysler Accessories by Mopar visit your local dealership or online at mopar.com for U.S. residents and mopar.ca for Canadian residents.

NOTE:

All parts are subject to availability.

- Molded Splash Guards
- Side Window Air Deflectors
- Mastershield Paint Sealant

- Emergency First Aid Kit
- Cargo Area Liner
- Roadside Emergency Kit
- Spare Tire Kit

ELECTRONICS:

- Remote Start
- Electronic Vehicle Tracking System

CARRIERS:

- Hitch-mount Bike Carrier
- Roof Mount Ski and Snowboard Carrier
- Roof Mount Surf & Paddle Board Carrier

- Mopar Connect (WiFi)
- Overhead DVD Player Media System

- Roof Mount Bike Carrier
- Tent Kit
- Roof Mount Kayak Carrier

- Wireless Phone Charger

- Roof Mount Cargo Carrier
- Roof Mount Canoe Carrier
- Pet Kennel



CYBERSECURITY

Your vehicle may be a connected vehicle and may be equipped with both wired and wireless networks. These networks allow your vehicle to send and receive information. This information allows systems and features in your vehicle to function properly.

Your vehicle may be equipped with certain security features to reduce the risk of unauthorized and unlawful access to vehicle systems and wireless communications. Vehicle software technology continues to evolve over time and FCA US LLC, working with its suppliers, evaluates and takes appropriate steps as needed. Similar to a computer or other devices, your vehicle may require software updates to improve the usability and performance of your systems or to reduce the potential risk of unauthorized and unlawful access to your vehicle systems.

The risk of unauthorized and unlawful access to your vehicle systems may still exist, even if the most recent version of vehicle software (such as Uconnect software) is installed.

WARNING!

- It is not possible to know or to predict all of the possible outcomes if your vehicle's systems are breached. It may be possible that vehicle systems, including safety related systems, could be impaired or a loss of vehicle control could occur that may result in an accident involving serious injury or death.
- ONLY insert media (e.g., USB, SD card, or CD) into your vehicle if it came from a trusted source. Media of unknown origin could possibly contain malicious software, and if installed in your vehicle, it may increase the possibility for vehicle systems to be breached.
- As always, if you experience unusual vehicle behavior, take your vehicle to your nearest authorized dealer immediately.

NOTE:

- FCA US LLC or your dealer may contact you directly regarding software updates.

- To help further improve vehicle security and minimize the potential risk of a security breach, vehicle owners should:

- Routinely check www.driveuconnect.com (U.S. Residents) or www.driveuconnect.ca (Canadian Residents) to learn about available Uconnect software updates.
- Only connect and use trusted media devices (e.g. personal mobile phones, USBs, CDs).

Privacy of any wireless and wired communications cannot be assured. Third parties may unlawfully intercept information and private communications without your consent. For further information, refer to "Data Collection & Privacy" in your Uconnect Owner's Manual Supplement or "Onboard Diagnostic System (OBD II) Cybersecurity" in "Getting To Know Your Instrument Panel" in your Owner's Manual.

TIPS CONTROLS AND GENERAL INFORMATION

Steering Wheel Audio Controls

The steering wheel audio controls are located on the rear surface of the steering wheel.



Steering Wheel Audio Controls

Left Switch

- Push the switch up or down to search for the next listenable station or select the next or previous CD track.

- Push the button in the center to select the next preset station (radio) or to change CDs if equipped with a CD Player.

Right Switch

- Push the switch up or down to increase or decrease the volume.
- Push the button in the center to change modes AM/FM/CD/SXM.

Reception Conditions

Reception conditions change constantly while driving. Reception may be interfered with by the presence of mountains, buildings or bridges, especially when you are far away from the broadcaster.

The volume may be increased when receiving traffic alerts and news.

Care And Maintenance

Observe the following precautions to ensure the system is fully operational:

- The display lens should not come into contact with pointed or rigid objects which could damage its surface; use a soft, dry, anti-static cloth to clean and do not press.

- Never use alcohol, gas and derivatives to clean the display lens.
- Prevent any liquid from entering the system: this could damage it beyond repair.

Anti-Theft Protection

The system is equipped with an anti-theft protection system based on the exchange of information with the electronic control unit (Body Computer) on the vehicle. This guarantees maximum safety.

If the check has a positive outcome, the system will start to operate. See an authorized dealer for further information.

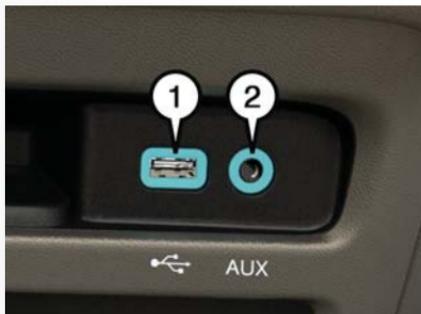
AUX/USB/MP3 CONTROL

There are numerous USB ports located throughout the vehicle. This feature allows an external USB device to be plugged into the USB port.

For further information, refer to the Uconnect Owner's Manual Supplement.

The data USB ports are located on the instrument panel below the climate controls.





Front Center Stack AUX Jack And USB Ports

- 1 – USB Port
- 2 – Aux Jack

There are multiple USB “charge only” ports in this vehicle.

- In the center console



Center Console USB Charging Port

NOTE:

The USB outlet in the bottom of the instrument panel can be switched from “ignition” only to constant “battery” powered all the time. See an authorized dealer for details.

- On the back of the front row seats in the Uconnect Theater Media hubs
- Above the rear cup holders in the third row of seats



3rd Row USB Charging Port

NOTE:

The USB “Charge Only” ports will recharge battery operated USB devices when connected.

UCONNECT THEATER — IF EQUIPPED

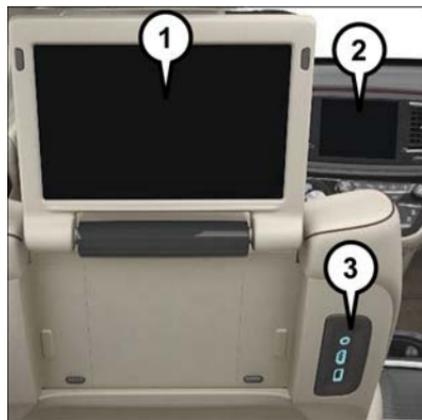
Uconnect Theater Overview

Your Uconnect Theater is designed to give your family years of enjoyment.

There are multiple ways to interact with your Uconnect Theater system;

- Play your favorite CDs, DVDs or Blu-ray Discs
- Plug and play a variety of standard video games or devices into the HDMI port
- Listen to audio over the wireless headphones
- Plug and play a variety of devices into the Video USB port
- Plug in standard headphones to listen to audio
- Project your mobile phone, or tablet screen onto the rear Uconnect Theater touchscreens — If Equipped

Getting Started



Uconnect Theater Screen (Rear Touchscreens)

- 1 — Uconnect Theater Touchscreen
- 2 — Uconnect System (Front Touchscreen)
- 3 — Uconnect Theater Media Hub (AUX Output, HDMI Input, USB Charge Only Port)

There are three different ways to operate the features of the Uconnect Theater:

- The Remote Control
- The Uconnect System
- The Individual Uconnect Theater Touchscreens

Pairing The Remote

If the remote needs to be paired to your Uconnect Theater system, follow the procedure below:

1. Install batteries into both remotes.
2. Press the Settings icon found in the lower right portion of the Uconnect Theater touchscreen.
3. Press the “Remote” button towards the bottom of the Uconnect Theater touchscreen, within the settings menu.
4. Press the “Pair Remote” option. Press the “OK” button. A touchscreen notification will appear indicating that your remote has been paired successfully or unsuccessfully.



5. Test to make sure the remote is successfully paired by dragging your finger across the gesture pad. If you do not see the on screen arrow, try using the “Screen” button on the remote to switch between rear screen one and rear screen two to make sure the remote is controlling the intended screen. It may take several seconds for the remote to react when initially paired.

NOTE:

- If pairing fails, try resetting the remote by pushing and holding the Play/Pause, Down arrow, and the Screen button simultaneously for about five seconds until the back light flashes.
- If the remote is ever non-operational, try repairing the remote.
- The system can accommodate up to ten paired remote controls.

Unpairing The Remote

In events such as updating the Uconnect Theater software, or taking a remote to another vehicle, the remote will need to be unpaired from your Uconnect Theater system. To unpair the remote:

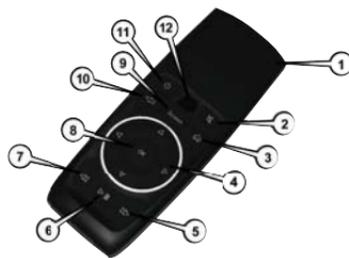
1. Press the Settings icon found in the lower right portion of the Uconnect Theater touchscreen.

2. Press the “Remote” button towards the bottom of the Uconnect Theater touchscreen, within the settings menu.
3. Select “Manage Remote Controls” from the Remote section of “Settings” and follow the on screen instructions to complete the unpairing process.
4. Once complete, the remote will be ready to pair again.

NOTE:

There will be a touchscreen notification message when unpairing is successful. Repeat the above steps to unpair a second remote.

Uconnect Theater Remote Control



Remote Control

1. **Gesture Pad** — Control pointer position by running your finger over this area and tapping to select items on the touchscreen, functions similar to a computer/laptop mouse.
2. **Mute Button** — Mutes headphone audio.
3. **Home Button** — Push to access available “Sources”.
4. **Arrow Buttons** — Push the arrow     buttons to highlight an item or scroll through menus.
5. **Fast Forward Button**   — Push and hold to fast forward through the current audio track or video chapter. Push once to skip to the next track.
6. **Play/Pause Button**   — Begin/resume or pause disc play.
7. **Fast Rewind Button**   — Push and hold to fast rewind through the current audio track or video chapter. Push once to revert back to the previous track.
8. **OK Button** — Push to select the highlighted option in a menu.

9. **Screen Selector Button** — Push the screen selector to toggle between screen 1 (Driver Side), or screen 2 (Passenger Side).
10. **Back Button** — Push to exit out of menus or return to previous screen.
11. **Power Button** — Turns the screen for the selected channel on or off.
12. **Screen Indicator** — Indicates which screen (1 or 2) is being controlled by the remote control.

Replacing The Remote Control Batteries

Each remote control requires two AAA batteries for operation.

To replace the batteries:

1. Locate the battery compartment on the back of the remote, then slide the battery cover downward.
2. Remove the old batteries and follow battery recycling procedures for your area.

3. Install new batteries, making sure to orient them according to the polarity diagram shown inside the battery compartment.
4. Replace the battery compartment cover.

General Information

The following regulatory statement applies to all Radio Frequency (RF) devices equipped in this vehicle:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Play A DVD/Blu-ray Or USB Media File From Uconnect System

1. Insert a Blu-ray disc or DVD disc into the disc player with the label facing up, or insert a USB drive into rear Video USB port.

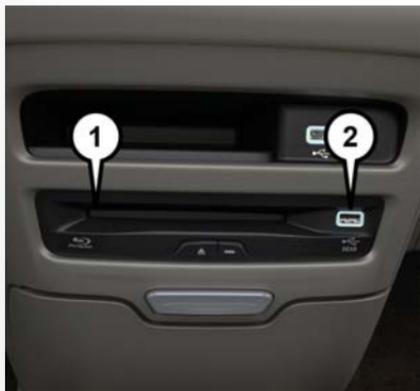
NOTE:

The DVD/Blu-ray Disc player and Video USB port are both located under the radio controls in the instrument panel.

2. Press the "Uconnect Theater" button on the radio touchscreen.
3. Select Disc or USB from the source controls (i.e. select the desired source from the "Select Input 1" or "Select Input 2" menu for the respective screen).
4. For DVD/Blu-ray disc – press the "Press to Enter" feature in the Movie Snapshot on the radio touchscreen, then press "OK" on the following screen. The steps to start a DVD are dependent on the steps required by that specific DVD. For USB Media Files - Press Music, Movie, or Folders, then select media title from list(s).



- To play a DVD/Blu-ray disc on both screens simultaneously, select “Disc” from both screen drop downs, or choose “Disc Source” on one screen and push the “View Screen” button on the other.



DVD Blu-ray Disc Player

- Disc Player (Rear)
- Rear Video USB Port



Source Controls From The Uconnect System – Uconnect Theater



Media Control Screen

NOTE:

After selecting “Press to Enter” or the Movie Snapshot, the control functions for that screen appears. These controls only apply to the individual screen selected and include:

1. Power

Press to turn “Selected Screen” On/Off.

2. Mute

Mute rear headphones for selected source for the current ignition cycle. Pressing mute again will unmute rear headphones.

3. Lock

Press to enable/disable Remote Control functions and Rear Touchscreen Controls for the selected source.

4. View

Select this button to view full screen video if vehicle is not moving. Button is disabled when not viewing a video source or when the vehicle is in motion.

5. Listen In

Select this button to play one of the rear screens audio over the vehicle's audio system.

NOTE:

To view video content on the radio screen, bring the vehicle to a stop.

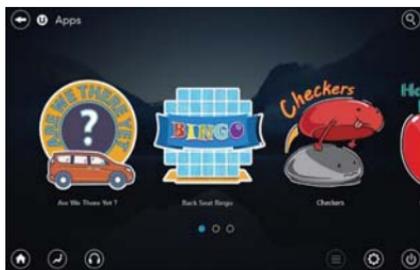
Disc Menu

When listening to a CD Audio disc, CD Data disc, DVD or Blu-ray, pushing the remote control's arrow buttons will navigate the cursor on the rear touchscreen in the desired direction, on whichever touchscreen is selected. The UP, DOWN, LEFT, and RIGHT arrow buttons, and the OK and MENU buttons on the remote, along with the corresponding buttons overlaid on the radio touchscreen, can be used to navigate the disc menu when it appears. This can be used to select specific chapters in a movie, navigate special features, or to play the movie from the menu.

NOTE:

Inserting a disc into the player will "auto play" the disc if already in the "Disc" source menu on the rear screens, and the disc supports "auto play."

Uconnect Theater Apps



Apps Home Screen



Sudoku App Home Screen

Select the Apps source card to play pre-loaded games. Pressing the "Help" button teaches users how to play each game. Pick from games:

- Back Seat Bingo
- Checkers
- Hanging Fruit
- License Plate Game
- Math Flash Cards
- Solitaire
- Sudoku
- Tic Tac Toe

NOTE:

To exit a game, press "Exit Button" then "Back Arrow," or "Home Button" on the touchscreen.



Are We There Yet? – Uconnect 4C NAV



Are We There Yet? App

When a navigation route has been set from the Uconnect system, the second row passengers can use “Are We There Yet?” for an animated screen showing distance and time remaining on navigation routes, as well as the estimated time of arrival with pop-up notifications. Notifications and their frequency can be set up for route information by using the arrow buttons, and can be turned on and off using the “Notifications” button on the “Are We There Yet?” App. Estimated time of arrival notifications pop-up at the bottom center of the screen.

Using The Rear Video USB Port



Rear Video USB Port

Plug in a USB drive, iPhone, iPod or mass storage device and play your favorite music or movies.

NOTE:

To view USB media on the rear theater screens, insert a USB drive into the port next to the DVD/Blu-ray disc player. The USB drive port is located under the radio controls in the instrument panel.



Search Screen

On the rear screen you can browse the content of the USB device by going to the USB source. Use the search feature to find your music faster.

Play Video Games

Connect the video game console to the HDMI 1 or 2 ports, located behind the first row seat.



AUX/HDMI/USB

- 1 — AUX Jack (Headphone Output Only)
- 2 — HDMI Port
- 3 — USB Port (Charge Only)

NOTE:

Certain high-end video games will exceed the power limit of the vehicle's Power Inverter. Refer to "Power Inverter" in "Getting To Know Your Vehicle" in this guide for further information.

Headphones Operation

The headphones receive two separate channels of audio using an infrared transmitter from the video screens.

If no audio is heard after increasing the volume control, there are a number of things that can be done to troubleshoot the issue:

- Verify that the screen is turned on.
- Check to see that the channel is not muted.
- Make sure that the headphones are on.
- Verify that the headphone channel selector button is on the desired channel. This button switches between the audio of screen 1 and screen 2.
- Install two new AAA type batteries in the headphones.



Uconnect Theater Headphones

- 1 — Power ON/OFF Button
- 2 — Volume Control Wheel
- 3 — Channel Selection Button

The headphone power indicator and controls are located on the right ear cup.



NOTE:

Uconnect Theater must be turned on before sound can be heard from the headphones. To conserve battery life, the headphones will automatically turn off approximately three minutes after the Uconnect Theater system is turned off.

Changing The Audio Mode For Headphones

1. Ensure the remote control and the headphones are on the same channel.
2. Push the Home button on the remote control.
3. When the Home menu appears on the touchscreen, use the arrow buttons on the remote control to navigate to the available modes and push the OK button to select the new mode or use the Gesture Pad at the top of the remote control.



Uconnect Theater Headphones

-
- 1 – Volume Control Wheel
2 – Channel Selection Button

Replacing The Headphone Batteries

Each set of headphones requires two AAA batteries for operation.

To replace the batteries:

1. Locate the battery compartment on the left ear cup of the headphones, and then slide the battery cover downward.
2. Remove the old batteries and follow battery recycling procedures for your area.
3. Install new batteries, making sure to orient them according to the polarity diagram shown inside the battery compartment.
4. Replace the battery compartment cover.

Stereo Headphone Lifetime Limited Warranty

Who Does This Warranty Cover? This warranty covers the initial user or purchaser (“you” or “your”) of this particular Aptiv PLC (“Aptiv”) wireless headphone (“Product”). The warranty is not transferable.

How Long Does the Coverage Last? This warranty lasts as long as you own the Product.

What Does This Warranty Cover? Except as specified below, this warranty covers any Product that in normal use is defective in workmanship or materials.

What Does This Warranty Not Cover? This warranty does not cover any damage or defect that results from misuse, abuse or modification of the Product other than by Aptiv. Foam earpieces, which will wear over time through normal use, are specifically not covered (replacement foam is available for a nominal charge). APTIV IS NOT LIABLE FOR ANY INJURIES OR DAMAGES TO PERSONS OR PROPERTY RESULTING FROM THE USE OF, OR ANY FAILURE OR DEFECT IN, THE PRODUCT, NOR IS APTIV LIABLE FOR ANY GENERAL, SPECIAL, DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, PUNITIVE OR OTHER DAMAGES OF ANY KIND OR NATURE WHATSOEVER. Some states and jurisdictions may not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights. You may also have other rights, which vary from jurisdiction to jurisdiction.

What Will Aptiv Do? Aptiv, at its option, will repair or replace any defective Product. Aptiv reserves the right to replace any discontinued Product with a comparable model. THIS WARRANTY IS THE SOLE WARRANTY FOR THIS PRODUCT, SETS FORTH YOUR EXCLUSIVE REMEDY

REGARDING DEFECTIVE PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES (EXPRESS OR IMPLIED), INCLUDING ANY WARRANTY FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

If you have any questions or comments regarding your Aptiv wireless headphones, please email hpservice@aptiv.com or phone:

888-293-3332

Display Settings

When watching a video source, pressing “Settings”  icon on the touchscreen activates the Settings menu. These settings control the appearance of the video on the screen. The factory default settings are already set for optimum viewing, so there is no need to change these settings under normal circumstances.

To change the settings, use one of the touchscreens or remote. To reset all values back to the original settings, select “Reset to Defaults”, then select “YES.”

Wireless Streaming – If Equipped

Your Uconnect Theater System may be equipped with Wireless Streaming functionality that allows you to project your smartphone or tablet onto your rear Uconnect Theater touchscreens. This Source Card will allow you to wirelessly link your compatible Android devices to your Uconnect Theater system and stream your device onto the touchscreens.

Choose the Wireless Streaming Source Card on your rear Uconnect Theater touchscreen.



Wireless Streaming Source Card

The first row passengers can also access wireless streaming by choosing the source in the Uconnect Theater menu on the front Uconnect touchscreen.





Streaming Source On Front Uconnect Touchscreen

NOTE:

For system compatibility, consult your device's Owner's Manual or www.uconnectphone.com to see if your device supports wireless streaming technology compatibility. Apple devices do not support this feature.

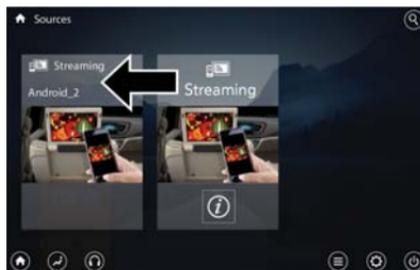
To link your device to the rear Uconnect Theater touchscreens:

1. Enable your device's Wi-Fi.
2. Select the Wireless Streaming feature on your device. The name of this feature is device dependent and could include: mirror, cast or smart view.

NOTE:

Refer to your device's Owners Manual or www.uconnectphone.com for further information.

3. Select "Pacifica Wireless Network" from the list of available networks on your device.
4. When prompted by an Authentication Screen, press "Accept" on the touchscreen to begin wireless streaming on your device. If prompted, verify that the code on the rear touchscreen and the device match.



Streaming Device Source Card

Your phone will be added as an additional source card on the Uconnect Theater touchscreens.

NOTE:

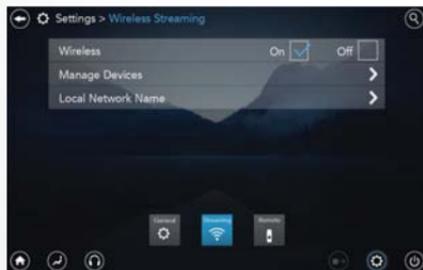
The Authentication Screen will appear on both rear touchscreens. The touchscreen screen on which "Accept" is selected will be the primary controller for the wireless streaming session.

NOTE:

- Some devices will allow you to control your device through the Uconnect Theater rear touchscreens. They will react to your selections from the touchscreen and be represented on your device as well. When supported, the Uconnect Theater task bar will appear at the top and bottom of the Uconnect Theater touchscreen, framing your streaming device.
- Devices that do not support this feature will not respond to Uconnect Theater touchscreen but can still be controlled using the streaming device.

Settings

Below is a list of the settings available for the Wireless Streaming feature of your Uconnect Theater system:



Wireless Streaming Settings

- **Wireless: ON/OFF** – Turn on and off the wireless feature of the Uconnect Theater system.
- **Manage Devices** – Allows the user to delete the paired devices.
- **Local Network Name** – Allows the user to rename the Pacifica Wireless Network.

Refer to the Wireless Streaming video on the Uconnect YouTube Channel at www.youtube.com/DriveUconnect for tips and additional information on the Wireless Streaming function.



IF YOU NEED ASSISTANCE

The manufacturer and its authorized dealer are vitally interested in your satisfaction. We want you to be happy with our products and services.

Warranty service must be done by an authorized dealer. We strongly recommend that you take the vehicle to an authorized dealer. They know your vehicle the best, and are most concerned that you get prompt and high quality service. The manufacturer's authorized dealer have the facilities, factory-trained technicians, special tools, and the latest information to ensure the vehicle is fixed correctly and in a timely manner.

This is why you should always talk to an authorized dealer service manager first. Most matters can be resolved with this process.

- If for some reason you are still not satisfied, talk to the general manager or owner of the authorized dealer. They want to know if you need assistance.

- If an authorized dealer is unable to resolve the concern, you may contact the manufacturer's customer center.

Any communication to the manufacturer's customer center should include the following information:

- Owner's name and address
- Owner's telephone number (home and office)
- Authorized dealer name
- Vehicle Identification Number (VIN)
- Vehicle delivery date and mileage

FCA US LLC Customer Center

P.O. Box 21-8004

Auburn Hills, MI 48321-8004

Phone: (800) 247-9753

FCA Canada Inc. Customer Center

P.O. Box 1621

Windsor, Ontario N9A 4H6

Phone: (800) 465-2001 English /
(800) 387-9983 French

In Mexico Contact

Av. Prolongacion Paseo de la Reforma, 1240

Sante Fe C.P. 05109

Mexico, D. F.

In Mexico City: 800-505-1300

Outside Mexico City: +(52)55 50817568

Puerto Rico And U.S. Virgin Islands

FCA Caribbean LLC

P.O. Box 191857

San Juan 00919-1857

Phone: (800) 247-9753

Fax: (787) 782-3345

Customer Assistance For The Hearing Or Speech Impaired (TDD/TTY)

To assist customers who have hearing difficulties, the manufacturer has installed special TDD (Telecommunication Devices for the Deaf) equipment at its customer center. Any hearing or speech impaired customer, who has access to a TDD or a conventional teletypewriter (TTY) in the United States, can communicate with the manufacturer by dialing 1-800-380-CHRY.

Canadian residents with hearing difficulties that require assistance can use the special needs relay service offered by Bell Canada. For TTY teletypewriter users, dial 711 and for Voice callers, dial 1-800-855-0511 to connect with a Bell Relay Service operator.

Service Contract

You may have purchased a service contract for a vehicle to help protect you from the high cost of unexpected repairs after the manufacturer's New

Vehicle Limited Warranty expires. The manufacturer stands behind only the manufacturer's service contracts. If you purchased a manufacturer's service contract, you will receive Plan Provisions and an Owner Identification Card in the mail within three weeks of the vehicle delivery date. If you have any questions about the service contract, call the manufacturer's Service Contract National Customer Hotline at 1-800-521-9922 (Canadian residents, call (800) 465-2001 English / (800) 387-9983 French).

The manufacturer will not stand behind any service contract that is not the manufacturer's service contract. It is not responsible for any service contract other than the manufacturer's service contract. If you purchased a service contract that is not a manufacturer's service contract, and you require service after the manufacturer's New Vehicle Limited Warranty expires, please refer to the contract documents, and contact the person listed in those documents.

We appreciate that you have made a major investment when you purchased the vehicle. An authorized dealer has also made a major investment in facilities, tools, and training to assure that you are absolutely delighted with the ownership experience. You will be pleased with their sincere efforts to resolve any warranty issues or related concerns.

WARNING!

Engine exhaust (internal combustion engines only), some of its constituents, and certain vehicle components contain, or emit, chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain, or emit, chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.



REPORTING SAFETY DEFECTS

In The 50 United States And Washington, D.C.

If you believe that your vehicle has a defect that could cause a crash or cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying FCA US LLC.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, an authorized dealer or FCA US LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll free at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>; or write to: Administrator, NHTSA, 1200 New Jersey Avenue, SE., West Building, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

In Canada

If you believe that your vehicle has a safety defect, you should contact the Customer Service Department immediately. Canadian customers who wish to report a safety defect to the Canadian government should contact Transport Canada, Motor Vehicle Defect Investigations and Recalls at 1-800-333-0510 or go to <http://www.tc.gc.ca/roadsafety/>.

PUBLICATION ORDER FORMS

- You can purchase a copy of the Owner's Manual, United States customers may visit the Chrysler Contact Us page at www.chrysler.com scroll to the bottom of the page and select the "Contact Us" link, then select the "Owner's Manual and Glove Compartment Material" from the left menu. You can also purchase a copy by calling 1-800-247-9753 (U.S.) or 1-800-387-1143 (Canada).
- Replacement User Guide kits or, if you prefer, additional printed copies of the Owner's Manual, may be purchased by visiting www.techauthority.com (U.S.) or by calling 1-800-890-4038 (U.S.) or 1-800-387-1143 (Canada).

NOTE:

- The Owner's Manual and User Guide electronic files are also available on the Chrysler, Jeep, Ram Truck, Dodge and SRT websites.
- Click on the "For Owners" tab, select "Owner/Service Manuals". Then select your desired model year and vehicle from the drop down lists.

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This guide has been prepared to help you get quickly acquainted with your new Chrysler brand vehicle and to provide a convenient reference for common questions. However, it is not a substitute for your Owner's Manual.

For complete operational instructions, maintenance procedures and important safety messages, please consult your Owner's Manual, Navigation/Uconnect manuals found on the website on the back cover and other Warning Labels in your vehicle.

Not all features shown in this guide may apply to your vehicle. For additional information on accessories to help personalize your vehicle, visit www.mopar.com (U.S.), www.mopar.ca (Canada) or your local Chrysler brand dealer.

DRIVING AND ALCOHOL: Drunk driving is one of the most frequent causes of collisions. Your driving ability can be seriously impaired with blood alcohol levels far below the legal minimum. If you are drinking, don't drive. Ride with a designated non-drinking driver, call a cab, a friend or use public transportation.

WARNING!

Driving after drinking can lead to a collision. Your perceptions are less sharp, your reflexes are slower and your judgment is impaired when you have been drinking. Never drink and then drive.



HYBRID



Whether it's providing information about specific product features, taking a tour through your vehicle's heritage, knowing what steps to take following an accident or scheduling your next appointment, we know you'll find the app an important extension of your Chrysler brand vehicle. Simply download the app, select your make and model and enjoy the ride.

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Download a FREE electronic copy of the most up-to-date Owner's Manual, media and warranty booklet by visiting:

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19RUPHEV-926-AA
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