

OWNER HANDBOOK

GRAND CHEROKEE / GRAND CHEROKEE L

ROADSIDE ASSISTANCE

24 HOURS, 7 DAYS A WEEK AT YOUR SERVICE. CALL 1-800-521-2779 OR VISIT CHRYSLER.RSAHELP.COM (USA). CALL 1-800-363-4869 OR VISIT FCA.ROADSIDEAID.COM (CANADA)
SERVICES: Flat Tire Service, Out of Gas/Fuel Delivery (Gas vehicle only), Out of Charge (EV), 12 Volt Battery Jump Assistance, Lockout Service and Towing Service.

FCA US LLC reserves the right to modify the terms or discontinue the Roadside Assistance Program at any time. The Roadside Assistance Program is subject to restrictions and conditions of use, that are determined solely by FCA US LLC.

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

With respect to any vehicles sold in Canada, the name FCA US LLC shall be deemed to be deleted and the name FCA Canada Inc. used in substitution therefore.

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

Vehicle images are for illustration purposes only. Actual products sold may vary.



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

GRAND CHEROKEE





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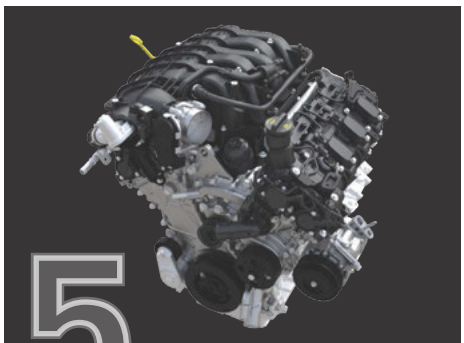

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OWNER HANDBOOK INTRODUCTION

Thank you for choosing Jeep®. This Owner Handbook has been prepared to help you quickly become acquainted with important features of your vehicle. It contains most things you will need to operate and maintain your vehicle, including emergency information.

This handbook also illustrates and describes the operation of certain features and equipment that come either standard or optional on your vehicle. It may include a description of features and equipment that your vehicle is not equipped with. 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.

FCA US LLC is committed to protecting the environment and invites you to refer to the complete Owner's Manual on http://www.mopar.com/om (US) or http://www.owners.mopar.ca/en/ (Canada).

Mobile App:

Scan me

Download the Jeep® Mobile App from the Google Play® Store or Apple® App Store® for access to Remote Commands. Log in with your account information.

GET IT ON Google play

Download on the App Store

MOPAR TECH AUTHORITY

To order a hard copy of your Owner's Manual, visit: www.techauthority.com

SYMBOLS KEY

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

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

CUSTOMER ASSISTANCE

FCA US LLC and its authorized dealers are interested in your satisfaction. We want you to be happy with our products and services.

Warranty service must be done by an authorized dealer. We strongly recommend that you take the vehicle to an authorized dealer for non-warranty service as well. FCA US LLC's authorized dealers have the facilities, factory-trained technicians, special tools, and the latest information to ensure the vehicle is fixed correctly and in a timely manner.

If your authorized dealer is unable to resolve the concern, you may contact an FCA US LLC Customer Assistance center.

Any communication to an FCA US LLC Customer Assistance center should include the following information:

- Owner's name and address
- Owner's telephone number (home, mobile, and office)
- Authorized dealer name
- Vehicle Identification Number (VIN)
- Vehicle delivery date and mileage

Roadside Assistance

Call 1-800-521-2779 or visit chrysler.rsahelp.com (USA)

Call 1-800-363-4869 or visit fca.roadsideaid.com (Canada)

Available: 24 Hours, 7 Days A Week

Your vehicle's VIN is required to receive covered services.

- Flat Tire Service
- Out of Gas/Fuel Delivery - This service is limited to two occurrences in a 12-month period. Up to two gallons of fuel will be provided by a service provider.
- 12V Battery Jump Assistance
- Lockout Service
- Towing Service

FCA US LLC Customer Center

P.O. Box 21–8004

Auburn Hills, MI 48321–8004

Phone: (877) 426-5337

FCA Canada Customer Care

P.O. Box 1621

Windsor, Ontario N9A 4H6

1-833-JEEPCAN (1-833-533-7226)

Mexico

Customer Relations Office

STELLANTIS Mexico, S.A. de C.V.

Av. Prolongacion Paseo de la Reforma, 1240

Sante Fe C.P. 05109

Mexico, CDMX

In Mexico City: 800-505-1300

Outside Mexico City: +(52) 55 50817568

Customer Assistance For The Hearing Or Speech Impaired (TDD/TTY)

To assist customers who have hearing difficulties, FCA US LLC has installed special Telecommunication Devices for the Deaf (TDD) equipment at its customer centers. Any hearing or speech impaired customer, who has access to a TDD or a conventional teletypewriter (TTY) in the United States, can communicate with FCA US LLC by dialing 1-800-380-2479.

Canadian residents with hearing difficulties who require assistance can use the special needs relay service offered by Bell Canada.
For TTY users, dial 711. For Voice callers, dial 1-800-855-0511 to connect with a Bell Relay Service operator.

Service Contract

You may have purchased a service contract for a vehicle to help protect you from the high cost of unexpected repairs after FCA US LLC's New Vehicle Limited Warranty expires. The FlexCare Vehicle Protection plans are the ONLY vehicle extended protection plans authorized, endorsed and backed by FCA US LLC to provide additional protection beyond your vehicle's warranty. If you purchased a FlexCare Vehicle Protection Plan, you will receive Plan Provisions and an Owner Identification Card in the mail within three weeks of the vehicle delivery date. If you have any questions about the service contract, call FCA US LLC's Service Contract National Customer Hotline at 1-800-521-9922.

For Canadian residents, you may have purchased additional coverage with an extended service contract. FCA Canada Inc. stands fully behind its service contracts. Be sure that the one you buy is a genuine Canada Inc. service contract. We are not responsible for other companies' contracts. If you purchased a contract other than a genuine FCA Canada Inc. service contract and you have a problem, you will have to contact the administrator of that contract for resolution. If you have any questions about the service contract, call the FCA's Service Contract National Customer Hotline at (800) 465-2001 English / (800) 387-9983 French).

FlexCare Vehicle Protection Plans offer valuable protection against repair costs after your vehicle warranties have expired. FlexCareVehicle Protection plans are the ONLY vehicle extended protection plans authorized, endorsed and backed by FCA US LLC to provide additional protection beyond your vehicle's warranty.

FCA US LLC is not responsible for any service contract you may have purchased from another manufacturer. If you require service after the FCA US LLC New Vehicle Limited Warranty expires, please refer to the contract documents, and contact the person listed in those documents.

We appreciate that you have made a major investment when you purchased the vehicle. An authorized dealer has also made a major investment in facilities, tools, and training to assure that you are absolutely delighted with the ownership experience.

Warranty Information

To access your warranty information online, visit www.mopar.com/om (US) or www.owners.mopar.ca/en or www.owners.mopar.ca/fr (Canada).



EV warranty service must be done by a certified EV Chrysler, Dodge, Jeep®, Ram, or Business Link dealer. To find a certified dealer, visit the Find-A-Dealer feature on the Mopar® website and select "Show certified EV dealers only".

Ordering and Accessing Additional Owner's Information

To order the following manuals, you may use either the website or the phone numbers listed.

Service Manuals

These comprehensive Service Manuals provide a complete working knowledge of the vehicle, system, and/or components and is written in straightforward language with illustrations, diagrams, and charts.

Diagnostic Procedure Manuals

Diagnostic Procedure Manuals are filled with diagrams, charts and detailed illustrations.

These manuals make it easy to find and fix problems on computer-controlled vehicle systems and features. They show exactly how to find and correct problems, using step-by-step troubleshooting and drivability procedures, proven diagnostic tests and a complete list of all tools and equipment.

To order a digital copy of your Service or Diagnostic Procedure manuals, visit: www.techauthority.com (US and Canada).

Owner's Manuals

To access your Owner's Information online, visit www.mopar.com/om (US) or www.owners.mopar.ca/en/ (Canada) or visit: www.techauthority.com to order physical copies of Owner's Manuals (US).

Owner's Information and Radio Manuals can be ordered through Archway at: **1-800-387-1143 (Canada)**

Change Of Ownership Or Address

*If you have purchased this vehicle used or have changed your address, please provide the following information and mail to

FCA US LLC

P.O. Box 21–8008

Auburn Hills, MI 48321–8004

Make sure to include the following:

- Date of Sale (mm/dd/yy)
- Vehicle Identification Number (17 Character ID located on top left of the instrument panel)
- Exact Odometer Reading
- First and Last Name
- Phone Number
- Street Address, City, State and Zip Code
- Email Address

*Applies to US residents only.

General Information

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

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

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

Le présent appareil est conforme aux CNR d`Innovation, Science and Economic Development applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage, et
2. L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La operación de este equipo está sujeta a las siguientes dos condiciones:

1. Es posible que este equipo o dispositivo no cause interferencia perjudicial y
2. Este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

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

PUERTO RICO AND US VIRGIN ISLANDS

Customer Service

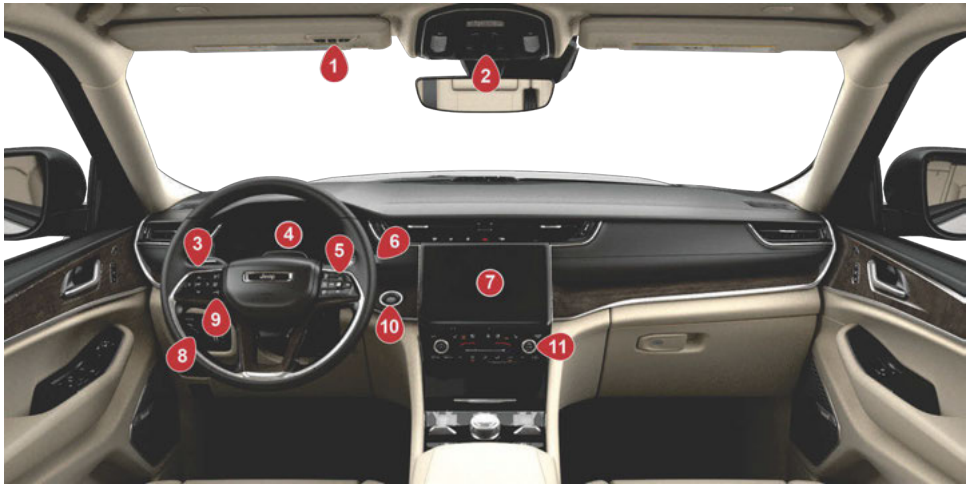
FCA Caribbean LLC

P.O. Box 191857

San Juan 00919-1857

Phone: (877) 426-5337

INTERIOR OVERVIEW



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STARTING AND OPERATING

Keyless Enter 'n Go™ — Passive Entry

Keyless Enter 'n Go™ — Passive Entry allows you to lock and unlock the vehicle's door(s) and liftgate without having to push the key fob lock or unlock buttons.

To Unlock/Lock The Vehicle's Doors And Liftgate

With a valid Passive Entry key fob with you, grab the handle to unlock the vehicle. The driver's handle will unlock the driver's door only (unless otherwise programmed in Uconnect Settings), whereas the passenger handle will unlock all doors and the liftgate.

With a valid Passive Entry key fob on you, touch the lock icon on the door handle to lock the vehicle.



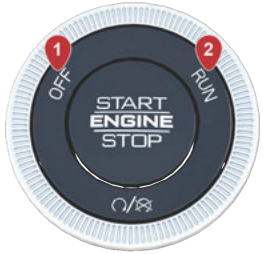
Touch The Door Handle Lock Icon To Lock

NOTE:

- DO NOT grab the door handle when pushing the lock button. This could unlock the door(s).
- Be sure to keep the vehicle key fob with you.

Keyless Enter 'n Go™ — Ignition (Hybrid Models)

Pushing the Keyless Push Button Ignition 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 the instrument cluster display whenever the vehicle is operating in Electric mode and the vehicle is stationary.



Keyless Push Button Ignition

1 — OFF
2 — ON/RUN

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

If the vehicle's ignition is in the RUN position, the vehicle's charge indicator may not display a value greater than 99% State Of Charge (SOC) due to vehicle loads.

The ignition can be placed in the following positions:

OFF

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

- Mechanical power (vehicle propulsion) is not available

ON/RUN

- Driving position
- All electrical devices are available (e.g. climate controls, heated seats, etc.)
- As long as READY appears in the instrument cluster display, it does not matter if the engine is running or not, vehicle propulsion is available

START

- The vehicle will start

NOTE:

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

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

(Continued)

WARNING!

not to touch the parking brake, brake pedal or the gear selector.

- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition of a vehicle equipped with Keyless Enter 'n Go™ in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.
- Do not leave children or animals inside parked vehicles in hot weather. Interior heat buildup may cause serious injury or death.

CAUTION!

- An unlocked vehicle is an invitation for thieves. Always remove key fob from the vehicle and lock all doors when leaving the vehicle unattended.
- Do not press the mechanical key against the Keyless Push Button Ignition.
- Do not use sharp metal objects (e.g. screwdriver etc.) to pry the button out of the ignition switch. This button comes as an assembly, and is not removable. This can damage the silicone shield.

Stop/Start System — Gas Models

The Stop/Start function is designed to save fuel and reduce emissions. The system will stop the engine automatically during a vehicle stop if the required conditions are met. Releasing the brake pedal, pressing the accelerator pedal, or releasing the clutch pedal (on manual transmission) will automatically restart the engine.

How To Turn Off The Stop/Start System

Did you know you can manually turn off your Stop/Start system?

Just push the Stop/Start OFF switch to turn off this feature. The light on the switch will illuminate and the "STOP/START OFF" message will appear in the instrument cluster display.



Stop/Start OFF Switch

NOTE:
The Stop/Start system will reset itself back to the on position every time the ignition is turned off and back on.

MULTIMEDIA

Uconnect System



Uconnect 5 NAV Display

1 — Home Button
2 — Radio/Media Button
3 — Comfort Button
4 — Navigation Button (If Equipped)
5 — Phone Button
6 — Vehicle Button
7 — Apps Button

NOTE:
Uconnect screen images may not reflect the exact software in your vehicle.

Uconnect Settings

Do you want to change the theme of your radio?

Or what about setting text message pop-up notifications?

These settings are all customizable, and can be adjusted to your needs with a press of your fingertip.



Uconnect 5 NAV Display Uconnect Settings

Press the Vehicle button, then press the Settings button toward the top of your touchscreen to get started with customizing your settings.

NOTE:
Depending on the vehicle's options, feature settings may vary.

- **My Profile** — Customize features such as “Voice Options”, “Notification Pop-ups”, and much more!
- **Display** — Customize features such as your display brightness, or even allow navigation instructions to appear on your instrument cluster display!
- **Safety/Driving Assistance** — Would you like to be able to customize your LaneSense feature? Within the Safety/Driving Assistance setting, you can customize both the warning signal and steering wheel strength for your LaneSense detection.
- **Phone/Bluetooth®** — Do you have your phone paired to your Uconnect system yet? Press the Phone/Bluetooth® button to begin the phone pairing process.
- **Camera** — Pressing the Camera button on the touchscreen will display settings related to the vehicle’s cameras. A few of these settings are “ParkView Backup Camera Delay” and “Surround View Camera Delay”.
- **Brakes** — Pressing the Brakes button on the touchscreen will display settings related to the vehicle’s brakes. One of these settings is “Auto Park Brake”.
- **Seats & Comfort** — The Uconnect system allows you to adjust your comfort levels for your heated seats, heated steering wheel, and even ventilated seats!
- **Key Off Options** — The Uconnect system gives you the option to customize what your vehicle does when it shuts down. One option is adjusting how long your headlights stay on after you turn your vehicle off.
- **Audio** — Did you know you can customize your vehicle’s audio? Press the Audio button to begin tuning your vehicle’s audio to your liking.
- **Notifications** — Within Notifications, you can customize alerts for notification sound chimes, new text message alerts, displaying messages for missed calls, navigation prompt pop-ups, and more!

Pair/Delete A Device

Did you know pairing your smartphone with your vehicle is quick and easy?

Pairing your smartphone with your vehicle will open even more possibilities for your driving convenience, such as playing music from your phone or answering calls through your Uconnect system.

1. Make sure Bluetooth® is enabled on your mobile phone.
2. With the vehicle in the ACC or ON/RUN position, press the Phone button on the vehicle’s touchscreen menu bar.
3. Press “Device Manager”.
4. Select “Add Device”.



Uconnect 5 NAV Display Pairing A Phone

5. Follow the prompts on your phone and on the touchscreen.

Follow these steps to remove your smartphone:

1. Press the Device Manager button on the touchscreen.
2. Press the Settings gear icon next to the phone or device you wish to remove.
3. Press “Delete Device”. The device should be removed.

Apple CarPlay®

Use this QR code to access your digital experience.



Apple CarPlay® lets you connect your iPhone right to your vehicle and listen to music, talk on the phone, and even use navigation. To use Apple CarPlay®, follow these steps:

1. Ensure that your iPhone® is unlocked for the very first connection, then ensure Siri is enabled in settings.
2. Connect your iPhone® to one of the media USB ports in your vehicle, or pair your iPhone® with the system. You have no need to plug your device in if it is paired with the system.
3. Once the device is connected and recognized, the Phone icon on the menu bar changes to the Apple CarPlay® icon.

NOTE:

To use Apple CarPlay®, make sure that cellular data is turned on, and that you are in an area with cellular coverage. Your data and cellular coverage is shown on the left side of the touchscreen within Apple CarPlay®. Data plan rates may apply.

Android Auto™

Use this QR code to access your digital experience.



Android Auto™ provides a seemingly experience by connecting your phone right to your vehicle. Plug your phone into the USB port to start listenig to music or using your device's navigation. To use Android Auto™, follow these steps:

1. Download the Android Auto™ app from the Google Play store.
2. Connect your phone to one of the media USB ports in your vehicle, or pair your phone with the system. You have no need to plug your device in if it is paired with the system.
3. Once the device is connected and recognized, the Phone icon on the menu bar changes to the Android Auto™ icon.

NOTE:

To use Android Auto™, make sure you are in an area with cellular coverage. Android Auto™ may use cellular data, and your cellular coverage is shown in the upper right corner of the touchscreen. Data plan rates may apply.

Uconnect Voice Recognition — If Equipped

Introduction

Use this QR code to access your digital experience.



Did you know that your vehicle is capable of voice commands? This feature is called Voice Recognition (VR). Start using Uconnect VR with these helpful quick tips. They provide the key voice commands and tips you need to know to control your vehicle's VR system.

Basic Voice Commands

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

Push the VR button or, for the Uconnect 5 NAV, say the vehicle's "Wake Up" word, "Hey, Uconnect". After the beep, say:

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

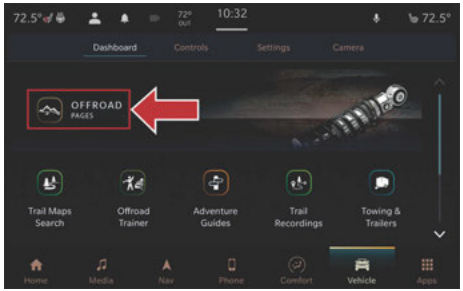
Notice the visual cues that inform of the VR system's status on the Uconnect system.

NOTE:

If your vehicle is not equipped with Voice Recognition, you may still have voice recognition buttons. These buttons will work with Android Auto™ and Apple CarPlay® by initiating a Siri or Google Assistant voice recognition session. Depending on your device, you may need to press and hold the VR button for one second to begin a voice recognition session.

Off-Road Pages — If Equipped

Off-Road Pages is an application that provides a display of vehicle information related to the vehicle ride height, transfer case, pitch and roll and active Selec-Terrain Mode.



Uconnect 5 NAV Display Off-Road Pages

To access Off-Road Pages:

1. Press the Vehicle or the Apps button on the touchscreen.
2. Press the "Offroad" tab.
3. Press the OFF ROAD button on the main screen.
4. Press the desired feature button on the touchscreen to access that specific option within the Off-Road Pages.

Adventure Guides — If Equipped

Adventure Guides is an application that provides all different types trails for the best off-roading experience. For more information on Adventure guides, refer to your Owner's Manual.

To access Adventure Guides:

1. Press the Vehicle tab on the side menu bar on the touchscreen.
2. Press "Adventure Guides".



Adventure Guides App

3. Choose the desired Adventure Guides trail.

The following are the three different ways to find a trail:

- Search for Trail
- Preloaded Trails
- Downloaded Trails

After selecting a trail the Trail Preview page will display the following information:

- Trail difficulty

- Length and typical duration of trail
- Trail elevation
- Trail description

NOTE:
The “Go Here” button will open up the vehicles Navigation system and start the selected trail.

CHARGING & OUTLETS

Electrical Power Outlets

This vehicle may be equipped with 12 Volt (13 Amp) power outlets that can be used to power cellular phones, small electronics, and other low powered electrical accessories.

The vehicle might have an outlet in any of the following locations:

- Inside the storage area on the center stack of the instrument panel, below the climate controls.
- In the right rear cargo area when the vehicle is equipped with third row seating (when the vehicle is equipped with only two row seating, the cargo area outlet is located on the left side trim panel).



Front Power Outlet

NOTE:
- Do not exceed the maximum power of 160 W (13 Amp) at 12 Volt. If the 160 W (13 Amp) power rating is exceeded the fuse protecting the system needs to be replaced.
- Power outlets labeled with a key symbol are powered when the ignition is in the ON/RUN position.

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.

(Continued)

WARNING!

- 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!

- 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.
- Many accessories that can be plugged in draw power from the vehicle's battery, even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.
- Accessories that draw higher power (i.e., coolers, vacuum cleaners, lights, etc.), will discharge the battery even more quickly. Only use these intermittently and with greater caution.

(Continued)

CAUTION!

- After the use of high power draw accessories, or long periods of the vehicle not being started (with accessories still plugged in), the vehicle must be driven a sufficient length of time to allow the generator to recharge the vehicle's battery.

Power Inverter — If Equipped

The vehicle may be equipped with a 115 Volt, 150 W inverter outlet located on the back of the center console to convert DC current to AC current. This outlet can power cellular phones, electronics and other low power devices requiring power up to 150 W. Certain video game consoles exceed this power limit, as will most power tools.



Power Inverter

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.

USB/AUX Control

Your vehicle may be equipped with four USB ports and one AUX port:



USB/AUX Ports

1 — USB C Port
2 — USB A Port (Standard USB)
3 — AUX Port



Center Arm Rest Rear Seat Entertainment USB Ports — If Equipped

1 — USB C Port
2 — USB A Port (Standard USB)

Plugging in a mobile device to a USB port below the Uconnect screen may activate the Android Auto™ or Apple CarPlay® features.

To disable Android Auto™ or Apple CarPlay®, navigate to "Device Manager" in the "Phone/ Bluetooth®" section of your Uconnect settings. For further information, refer to "Android Auto™" or "Apple CarPlay®" in "Multimedia" in your Owner's Manual.

For additional information please visit UconnectPhone.com.

The second row USB ports can be used to charge an external device.



Center Console Rear USB Ports

1 — USB C Port
2 — USB A Port (Standard USB)

In the third row, a set of two USB ports can be used to charge a device. These ports are charge only.



Third Row USB Ports — If Equipped

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

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

Wireless Charging Pad — If Equipped

Did you know your vehicle may be equipped with a wireless charging pad located below the center stack, within the storage compartment? It is designed to easily charge your Qi® enabled mobile phone on the go.



Wireless Charging Pad Location

The wireless charging pad may include an anti-slip mat to hold your mobile phone in place and an indicator light that indicates your phone is charging.

Be sure to place your mobile device on the center of the charging pad, with the display facing upward, and your device not covering the LED.

LED Indicator Status:

- No Light: Charging pad is idle or searching for a device. Device may not be compatible with the Qi® standard.
- Blue Light: Device is detected and is charging.
- Red Light/Flashing: Internal error, or foreign object is detected.

- Green Light: Device has completed battery charging (if device is equipped to transmit this information).

NOTE:

- Do not place the key fob on or near the charging pad.
- Using a phone case may interfere with wireless charging.

CAUTION!

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

(Continued)

CAUTION!

To prevent malfunction or burns:

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

INSTRUMENT CLUSTER

Getting To Know Your Instrument Cluster



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

WARNING!

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

CAUTION!

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

(Continued)

CAUTION!

off immediately and call an authorized dealer for service.

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

NOTE:

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

Getting To Know Your Instrument Cluster — Hybrid Only



1. **Speedometer**
   - Indicates vehicle speed

2. **Average/Current Economy**
   - Displays average economy as a numeric value
   - Displays an average economy gauge
   - Displays a current economy gauge

3. **Efficiency Coach**

   The Efficiency Coach will monitor your current driving to help you drive as efficiently as possible.

4. **Temperature Gauge**

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

WARNING!

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

CAUTION!

Driving with a hot engine cooling system could damage your vehicle. If the temperature gauge reads "H" pull over and

(Continued)

CAUTION!

stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on the "H", turn the engine off immediately and call an authorized dealer for service.

5. **Charge/Power Gauge**

   - This gauge represents the source of the power utilized to accelerate the vehicle. The green upper line represents the High Voltage (HV) battery output during acceleration and input power during regeneration. The blue lower line represents the engine output power.

6. **Fuel Gauge**

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

NOTE:

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

Instrument Cluster Display Location And Controls

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

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



Instrument Cluster Display Control Buttons

- **Left Arrow Button**

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

- **Up Arrow Button**

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

- **Down Arrow Button**

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

- **OK Button**

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

- **Menu Button**

  Press the **Menu** button to display the Home Screen.

  Push and release the **left** ◁ or **right** ▷ arrow button to highlight the desired selection. Push and release the **OK** button to select. Press the **up** △ or **down** ▽ arrow button to select a different screen within the selected category. If the **Menu** button is pressed in this view, the instrument cluster will return to the previously displayed screen.

Warning Lights And Messages

Warning lights, indicators, and messages appear to signify various vehicle conditions. See the Quick Start Guide or Owner's Manual for examples and detailed descriptions. Some telltales are optional according to vehicle equipment.

Drowsy Driver Detection (DDD) — If Equipped



DDD detects when the driver is feeling fatigued and warns the driver with an audible chime and a DDD graphic will display on the cluster screen, advising to pull over and take a break.

If the driver **accepts** the suggestion provided by the system by pressing the thumbwheel on the steering wheel, the message will disappear from the display.

If the driver **does not acknowledge** the warning provided by the system, the message will remain on the screen for one minute.

DDD can be activated and deactivated through the Uconnect system.

WARNING!

The DDD system is an aid for driving and does not relieve the driver of the responsibility of driving the vehicle. If you experience fatigue while driving, pull over safely for a break without waiting for the DDD warnings. Only

(Continued)

WARNING!

return to the road when you are in the right physical and mental condition to prevent endangering yourself and other drivers.

Traffic Sign Assist System — If Equipped

Your Traffic Sign Assist (TSA) system uses a camera mounted on the windshield, as well as map data (if your vehicle is equipped with Navigation) to detect recognizable road signs such as:

- Speed limits
- School zones
- No passing zones

This system may also detect supplemental information to display such as:

- Rain
- Snow
- Fog
- School
- Night

You will see the detected traffic signs in the instrument cluster display. A combination of signs can be displayed at one time (e.g.

speed limit, supplemental info, and no passing zone signs), depending on what information is available. Examples may include:

- Current Speed Limit With Supplemental Information (School Zone)
- Next Speed Limit Detected
- No Passing Zone Detected

NOTE:
You can enable/disable the TSR system within the Uconnect system. If road signs are shown on the instrument cluster display, your system is ON.

CAUTION!

- Functionality may be limited or the system may not work if the sensor is obstructed.
- The system may have limited operation or not work at all in weather conditions such as heavy rain, hail, and thick fog. Strong light contrasts can influence the recognition capability of the sensor.
- The area surrounding the sensor must not be covered with stickers or any other object.
- Do not tamper with or perform any operations in the area of the windshield glass directly surrounding the sensor.

(Continued)

CAUTION!

- Clean foreign matters such as bird droppings, insects, snow or ice on the windshield. Use non-abrasive detergents and clean cloths to avoid scratching the windshield.

INTERIOR COMFORT SETTINGS

Climate Controls

Use this QR code to access your digital experience.

Scan me

The Climate Control system allows you to regulate the temperature, air flow, and direction of air circulating throughout the vehicle.



Uconnect 5/5 NAV
Display Automatic Climate Controls

Automatic Climate Control Descriptions And Functions

MAX A/C Button

MAX A/C

Press the button on the touchscreen to set the system to maximum Air Conditioning (A/C).

A/C Button

A/C

Push the button to engage the Air Conditioning (A/C) system.

Recirculation Button



Push the button to change the system between Recirculation mode and outside air mode.

SYNC Button



Press the SYNC button on the touchscreen to synchronize the driver and front passenger temperature settings.

Rear Climate Control Button



Press and release this button on the climate control touchscreen to access the rear climate controls.

Auto Button

Push the AUTO Button after setting the desired temperature and the system will maintain the set temperature.

MAX Defrost Button

Push the MAX Defrost button to change the current airflow setting to Defrost mode.

Rear Defrost Button

Push the Rear Defrost Button to turn on the rear window defroster and heated mirrors.

CAUTION!

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

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

Driver And Passenger Temperature Controls

Push the driver or passenger's side toggle switch upward or downward, or slide the temperature bar to adjust the driver and passenger temperature settings.

Blower Control

Use the small or large blower icon toggle switches or the blower bar on the touchscreen to increase or decrease the amount of air forced through the climate control system.

Mode Control

Select Mode by pressing one of the Mode buttons on the touchscreen, or the faceplate, to change the airflow distribution mode.

Combine Modes

The driver or front passenger can combine two or three of the modes described by selecting them individually on their side of climate control screen. Combine modes by pressing each icon on the touchscreen.

Climate Control OFF Button

Press the Off Button to turn the climate control system off.

Automatic Temperature Control (ATC)

Automatic Operation

1. Push the AUTO button on the front Automatic Temperature Control (ATC) Panel.
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.

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.

Manual Operation Override

The Climate Control system includes manual override features. The AUTO symbol in the front ATC display will turn off when the system is in the manual mode.

Rear Automatic Temperature Control

The rear system temperature control buttons are located on the back of the front center console.

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

Climate Voice Recognition

You can adjust the vehicle's temperature hands-free while you're driving.

Push the VR button on the steering wheel. After the beep, say one of the following commands:

- **"Set driver temperature to 70 degrees"**
- **"Set passenger temperature to 70 degrees"**

Scheduled Cabin Conditioning (Hybrid Models) — If Equipped

This feature allows you to set a programmed time when the Climate Control system will activate to either warm up or cool down the vehicle's interior before a planned departure time.

A Scheduled Cabin Conditioning (SCC) event can be programmed through the Uconnect system, or within the vehicle App (if equipped). Cabin conditioning can begin up to 30 minutes prior to the scheduled departure time, providing the high voltage battery conditions are met.

The SCC will continue for 15 minutes after the scheduled departure time.

NOTE:
All of the following conditions must be met before the vehicle will initiate a scheduled SCC event:

- Gear selector in PARK
- Doors Closed
- Hood Closed
- Liftgate Closed
- Hazard switch off
- 12 Volt battery at an acceptable charge level
- Key fob not located inside the vehicle
- Ignition in the OFF position
- Remote Start has not been activated

Front Heated Seats



The front heated seats control buttons are located on the center stack below the radio screen or within the Uconnect system. Press the heated seat button to cycle through HI, MED, LO, and off settings.

WARNING!

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

Front Ventilated Seats

The ventilated seats control buttons are located on the center stack below the radio screen or within the Uconnect system. The fans operate at three speeds: HI, MED, LO and off settings.

Power Adjustment Front Seats — If Equipped

Some models may be equipped with 12-way power seat switches that are located on the outboard side of the seat. There are three switches that control the movement of the seat cushion and the seatback.

Push the power lumbar switch forward to increase the lumbar support. Push the switch rearward to decrease the lumbar support. Pushing upward or downward on the switch will raise and lower the position of the support.



Driver Power Seat Switches

1 — Cushion Extender Switch (If Equipped)
2 — Seat Switch
3 — Seatback And Bolster Adjustment Switch
4 — Power Lumbar Switch

WARNING!

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

Driver and Passenger Memory Settings — If Equipped

Use this QR code to access your digital experience.

Scan me

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

Driver's Side

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

Passenger's Side (If Equipped)

- Seat Position

The memory settings switch are located on the front door panels. The switch consists of three buttons:

- The set (S) button, which is used to activate the memory save function.

- The (1) and (2) buttons which are used to recall either of two saved memory profiles.



Memory Settings Switch

NOTE:

- Your vehicle is equipped with two key fobs, each can be linked to either driver's side memory position 1 or 2.
- Front passenger memory settings cannot be linked to a key fob.
- For detailed directions on how to link your key fob to the driver's side memory, view your Owner Manual.

Programming the Memory Feature

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

Head Restraints

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

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



Head Restraint Adjustment Button

To adjust the head restraint forward, pull the top of the head restraint toward the front of the vehicle as desired and release. To adjust the head restraint rearward, pull the top of the head restraint to the forward most position and release. The head restraint will return to the rear most position.

Head Restraints — Second Row Captain's Chairs (If Equipped)

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

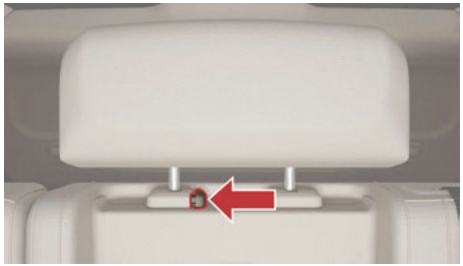
Head Restraints — Second Row Bench (If Equipped)

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

The center head restraint has one adjustment position, and can be adjusted up or down when the seat is occupied. Pull up on the head restraint to raise it. To lower the head restraint, push the adjustment button located on the base of the head restraint, and push downward on the head restraint until it locks into place.

NOTE:

The center head restraint is not removable.



Center Seat Head Restraint Adjustment Button

Third Row Head Restraints — If Equipped

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



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

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

NOTE:

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

WARNING!

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

LIGHTING OPERATION

Headlight Switch

The headlight switch is located on the left side of the instrument panel and is used to control your lighting.



Headlight Switch

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

For vehicles sold in Canada, the headlight switch will not have and Off Position. Rotate the headlight switch clockwise from the parking light and instrument panel light position to the first detent to turn on the headlights also. Rotate to the second detent, AUTO position, to turn on automatic headlights, parking lights, and instrument panel lights.

Rotate the headlight control knob to select one of the available positions.

Automatic High Beams — If Equipped

Did you know your vehicle can automatically switch from high beams to low beams until an approaching vehicle is out of view?

To turn on this feature:

1. Select "Auto Dim High Beams" through the Uconnect system to enable the feature.
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.

Automatic Headlights

With the engine running, make sure your headlight control knob is in the AUTO position; your vehicle will detect how bright it is outside and turn the headlights on/off as necessary.

Headlights On Automatically With Wipers

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

WINDSHIELD WIPERS & WASHERS

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

Scan me



Windshield Wiper/Washer Lever

Windshield Wiper Operation

Front Wipers

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.

Windshield Washers

To use the washer, pull the windshield wiper lever toward the steering wheel and hold.

Mist

Push the lever upward to the MIST position and release for a single wiping cycle.

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

WARNING!

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

(Continued)

CAUTION!

- Always remove any buildup of snow that prevents the windshield wiper blades from returning to the parked position. If the windshield wiper switch is turned off, and the blades cannot return to the parked position, damage to the wiper motor may occur.
- In cold weather, always turn off the wiper switch and allow the wipers to return to the park position before turning off the engine. If the wiper switch is left on and the wipers freeze to the windshield, damage to the wiper motor may occur when the vehicle is restarted.

Rain Sensing Wipers — If Equipped

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

NOTE:
The Rain Sensing feature can be turned on and off using the Uconnect system.

CRUISE CONTROL SYSTEMS

Your vehicle is equipped with the Adaptive Cruise Control (ACC) system which will adjust the vehicle speed up to the preset speed to maintain a distance with the vehicle ahead.

Adaptive Cruise Control (ACC)

WARNING!

- Adaptive Cruise Control (ACC) is a convenience system. It is not a substitute for active driver involvement. It is always the driver's responsibility to be attentive of road, traffic, and weather conditions, vehicle speed, distance to the vehicle ahead and, most importantly, brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.

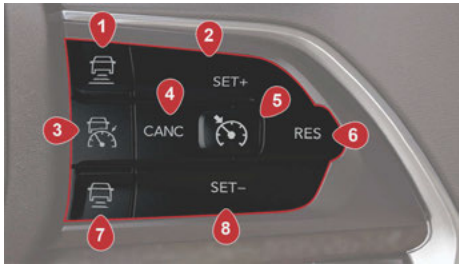
(Continued)

WARNING!

- 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.
  - On vehicles with an automatic transmission, will bring the vehicle to a complete stop while following a vehicle ahead and hold the vehicle for two seconds in the stop position. If the vehicle ahead does not start moving within two seconds the ACC system will display a message that the system will release the brakes and that the brakes must be applied manually. An audible chime will sound when the brakes are released.
  - Will bring the vehicle to a complete stop while following a vehicle ahead and hold the vehicle for two seconds in the stop position. If the vehicle ahead does not start moving within two seconds the ACC system will display a message that the system will release the brakes and that the brakes must be applied manually. An audible chime will sound when the brakes are released.
- You should not utilize the ACC system:
  - When driving in fog, heavy rain, heavy snow, sleet, heavy traffic, and complex driving situations (i.e., in highway construction zones).
  - When entering a turn lane or highway off-ramp; when driving on roads that are winding, icy, snow-covered, slippery, or have steep uphill or downhill slopes.
  - When towing a trailer up or down steep slopes.
  - When circumstances do not allow safe driving at a constant speed.

(Continued)

The buttons on the right side of the steering wheel operate the ACC systems.



Adaptive Cruise Control Buttons

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

- **To Activate/Deactivate**
  - Push and release the Adaptive Cruise Control (ACC) on/off button. The ACC menu in the instrument cluster will read "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 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.

WARNING!

In Fixed Speed Cruise Control mode, the system will not react to vehicles ahead. In addition, the proximity warning does not activate and no alarm will sound even if you are too close to the vehicle ahead since neither the presence of the vehicle ahead nor the vehicle-to-vehicle distance is detected. Be sure to maintain a safe distance between your vehicle and the

(Continued)

WARNING!

vehicle ahead. Always be aware which mode is selected.

- **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.

    Resume can be used at any speed above 20 mph (32 km/h) when only Fixed Speed Cruise Control is being used.

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**
  - After setting a speed, you can increase the set speed by pushing the SET **(+)** button, or decrease speed by pushing the SET (-) button.
- **Setting The Following Distance In ACC**
  - The specified following distance for ACC can be set by varying the distance setting between four bars (longest), three bars (long), two bars (medium) and one bar (short). Using this distance setting and the vehicle speed, ACC calculates and sets the distance to the vehicle ahead. This distance setting appears in the instrument cluster display.
  - To increase the distance setting, push the Distance Increase button and release. Each time the button is pushed, the distance setting increases by one bar (longer).
  - To decrease the distance setting, push the Distance Decrease button and release. Each time the button is pushed, the distance setting decreases by one bar (shorter).

GARAGE DOOR OPENER (HOMELINK®) — IF EQUIPPED

The HomeLink® buttons that are located in the sun visor designate the three different HomeLink® channels.

Scan me



HomeLink® Buttons And Indicator Light

- **TO ERASE ALL SET CHANNELS:** Push and hold the two outside HomeLink® buttons for 20 seconds until the indicator flashes above the buttons.
- **ROLLING OR NON-ROLLING?** Check your garage door opener motor in your garage for a "LEARN" or "TRAIN" button by the hanging antenna. If you have one of these, you have a Rolling Code garage door opener.

1. While the car is ON, hold the handheld garage door transmitter 1-3 inches from the HomeLink® button you want to program in the vehicle.
2. Push and hold both the HomeLink® button being programmed and the button on the garage door transmitter.
3. **For Non-Rolling Code** garage door openers, watch for the indicator light to stay illuminated.

   For Rolling Code garage door openers, watch for the indicator light to go from a slow blink to blinking rapidly.
4. **For Rolling Code** garage door openers only, firmly push and release the "LEARN" or "TRAIN" button on your garage door opener motor in your garage, then push the HomeLink® button in your vehicle three times (holding the button for two seconds each time).

To erase all set channels

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

WARNING!

- Your motorized door or gate will open and close while you are programming the universal transmitter. Do not program the transmitter 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 transmitter. 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.

NOTE:

If the programming was successful, your garage door should open and close with your chosen HomeLink® button.

Troubleshooting Tips

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

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

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

If you have any problems, or require additional assistance, please call toll-free 1-800-355-3515 or visit HomeLink.com.

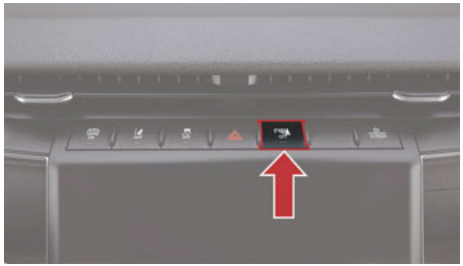
WARNING!

- Vehicle exhaust contains carbon monoxide, a dangerous gas. Do not run your vehicle in the garage while programming the transmitter. Exhaust gas can cause serious injury or death.
- Your motorized door or gate will open and close while you are programming the universal transmitter. Do not program the transmitter if people, pets or other objects are in the path of the door or gate. Only use this transmitter with a garage door opener that has a "stop and reverse" feature as required by Federal safety standards. This includes most garage door opener models manufactured after 1982. Do not use a garage door opener without these safety features.

PARKING ASSISTANCE

ParkSense Front/Rear Park Assist System — If Equipped

Did you know you can enable and disable the ParkSense system using the ParkSense switch, located on the switch panel above the Uconnect display?



ParkSense Switch

WARNING!

- Drivers must be careful when backing up even when using ParkSense. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.
- Before using ParkSense, it is strongly recommended that the ball mount and hitch ball assembly be disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia/bumper when the vehicle sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

(Continued)

CAUTION!

- ParkSense is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or

(Continued)

CAUTION!

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.

ELECTRIC PARK BRAKE (EPB)

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

Scan me

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

You can engage the parking brake in two ways:

- Manually, by applying the parking brake switch.
- Automatically, by enabling the Auto Park Brake feature in the Customer Programmable Features section of the Uconnect settings.

The parking brake switch is located on the instrument panel to the left of the steering wheel (below the headlamp switch).



Electric Park Brake Switch

To apply the parking brake manually, pull up on the switch momentarily. You may hear a sound from the back of the vehicle while the parking brake engages. Once the parking brake is fully engaged, the BRAKE Warning Light in the instrument cluster and an indicator on the switch will illuminate. If your foot is on the brake pedal while you apply the parking brake, you may notice a small amount of brake pedal movement. The parking brake can be applied even when the ignition switch is OFF but the BRAKE Warning Light will not illuminate, however, it can only be released when the ignition is in the ON/RUN position.

To release the parking brake manually, the ignition switch must be in the ON/RUN position. Put your foot on the brake pedal, then push the EPB switch down momentarily. You may hear a sound from the back of the vehicle while the parking brake disengages. You may also notice a small amount of movement in the brake pedal. Once the parking brake is fully disengaged, the BRAKE Warning Light in the instrument cluster and the LED indicator on the switch will extinguish.

NOTE:

When parking on a hill, it is important to turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade. Apply the parking brake before placing the gear selector in PARK, otherwise the load on the transmission locking mechanism may make it difficult to move the gear selector out of PARK.

WARNING!

- Never use the PARK position as a substitute for the parking brake. Always apply the parking brake fully when parked to guard against vehicle movement and possible injury or damage.

(Continued)

WARNING!

- When exiting the vehicle, always turn the ignition OFF, secure the key fob, and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave a vehicle equipped with Keyless Enter 'n Go™ in the ON/RUN position. A child could operate power windows, other controls, or move the vehicle.
- Be sure the parking brake is fully disengaged before driving; failure to do so can lead to brake failure and a collision.
- Always fully apply the parking brake when leaving your vehicle, or it may roll and cause damage or injury. Also be certain to leave the transmission in PARK. Failure to do so may allow the vehicle to roll and cause damage or injury.

CAUTION!

If the Brake System Warning Light remains on with the parking brake released, a brake system malfunction is indicated. Have the brake system serviced by an authorized dealer immediately.

EXTERIOR OVERVIEW



1 — Exterior Camera Locations ⇨ page 40
2 — Charging Inlet (If Equipped) ⇨ page 49
3 — Fuel Door ⇨ page 44
4— Electronic Liftgate Release Handle ⇨ page 41
5 — Emergency Tow Hook ⇨ page 71

EXTERIOR CAMERA VIEWS

Manual Camera Operation

Your vehicle has a Rear Backup Camera or a Surround View Camera (if equipped) that displays the rear surroundings of your vehicle whenever the gear selector is put into REVERSE. Surround View Camera will also display the Top View Camera when in REVERSE.

Manual Activation Of The Cameras:

1. Press the Vehicle button located on the bottom of the Uconnect display and then select the Controls menu.
2. Press the Back Up Camera button to turn the Rear View Camera system on.
3.  Press this button on the touchscreen to enter the Surround View Camera menu in the Uconnect system. From there, you can access the different cameras.

WARNING!

Drivers must be careful when backing up even when using the ParkView Rear Back Up Camera or Surround View Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other

(Continued)

WARNING!

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 Rear Backup Camera and Surround View Camera should only be used as a parking aid. The cameras are unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using ParkView Rear Backup Camera or Surround View Camera 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 the cameras.

TrailCam System — If Equipped

The TrailCam system allows you to see an on-screen image of the front view of your vehicle.

Manual Activation Of The TrailCam:

1. Press the FWD Camera button on the controls screen.
2. Press the Forward Facing Camera button on the apps menu.
3. Press the TrailCam button on the Off-Road Pages.

HOOD

To Open The Hood

WARNING!

- **For Hybrid models:** Always place the power button in the OFF position before opening the hood.
- Some areas remain very hot for a while after driving or charging and may cause serious burns if touched.
- Keep hands, tools, clothing, and jewelry away from the radiator cooling fan when the hood is raised. The cooling fan may start operating at any time, including during charging. Hands or clothing caught in a rotating fan may cause serious injury.

To open the hood, two latches must be released.

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



Hood Release

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



Safety Latch Location

NOTE:

- Vehicle must be at a stop and the gear selector must be in PARK.
- You may have to push down slightly on the hood before pushing the safety latch.
- While lifting the hood, use both hands.
- Before lifting the hood, check that the wiper arms are not in motion and not in the lifted position.
- **For Hybrid models:** If the vehicle was actively charging the high voltage battery when the hood was opened, the vehicle will stop charging until the hood is closed.
- **For Hybrid models:** Electric drive mode will not be available while the hood is open. A message will show in the instrument cluster display to alert the driver.

To Close The Hood

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

WARNING!

Be sure the hood is fully latched before driving your vehicle. If the hood is not fully latched, it

(Continued)

WARNING!

could open when the vehicle is in motion and block your vision. Failure to follow this warning could result in serious injury or death.

LIFTGATE

To Unlock/Open The Liftgate

You can open your liftgate in any of the following ways:

Scan me

- By pushing the liftgate button on your key fob
- Pushing the liftgate button in the cargo area
- By pushing the release button on the liftgate itself
- By kicking under the activation zone on your Hands-Free liftgate, if equipped

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



Liftgate Entry

1 — Passive Entry Button
2 — Electronic Liftgate Release Button

NOTE:
When you push the electronic liftgate release button, either only the liftgate will unlock, or all the doors and the liftgate will unlock, depending on the selected setting in the Uconnect system.

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.

Hands-Free Liftgate — If Equipped

To open or close the liftgate using hands-free activation, use a straight in and out kicking motion under the vehicle activation zone in the general location below the rear license plate. The activation zone is about 1.8 ft (0.5 m) from side to side. Do not move your foot sideways or in a sweeping motion or the sensors may not detect the motion.



Hands-Free Liftgate Activation Zone

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

NOTE:

- Opening or closing the Hands-Free Liftgate requires a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate handle. If a valid Passive Entry key fob is not within 5 ft (1.5 m), the liftgate will not respond to any kicks.
- The Hands-Free Liftgate feature may be turned on or off through the Uconnect system.
- The Hands-Free Liftgate feature should be turned off during jacking, tire changing, manual car wash, and vehicle service.
- The Hands-Free Liftgate feature can be activated by any metallic object making a similar in-and-out motion under the rear fascia/bumper, such as cleaning using a metal broom.
- The Hands-Free Liftgate will only operate when the transmission is in PARK.
- If anything obstructs the Hands-Free Liftgate while it is opening or closing, the liftgate will automatically reverse to the closed/open position, provided it meets sufficient resistance.
- There are pinch sensors attached to the side of the liftgate opening. Light pressure anywhere along these strips will cause the liftgate to return to the open position.
- If the power liftgate encounters multiple obstructions within the same cycle, the system

will automatically stop. If this occurs, the liftgate must be operated manually.

- The power liftgate will release, but not power open, in temperatures below −12°F (−24°C). Be sure to remove any buildup of snow or ice from the liftgate before opening the liftgate.
- If the liftgate is left open for an extended period of time (approximately one hour), the liftgate may need to be closed manually to reset power liftgate functionality.

WARNING!

- Driving with the liftgate open can allow poisonous exhaust gases into your vehicle. You and your passengers could be injured by these fumes. Keep the liftgate closed when you are operating the vehicle.
- 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 travel path is clear. Make sure the liftgate is closed and latched before driving away.

REFUELING THE VEHICLE

1. Open the fuel filler door by pushing near the rear outer edge of the fuel door near the center to unlatch. Then use your hand to rotate fuel door to full open.
2. Insert the fuel nozzle fully into the filler pipe – the nozzle opens and holds the flapper doors while refueling.



Fuel Filler

3. Fill the vehicle with fuel – when the fuel nozzle “clicks” or shuts off the fuel tank is full.
4. Wait five seconds before removing the fuel nozzle to allow fuel to drain from nozzle.
5. Remove the fuel nozzle and close the fuel door. Engage the fuel door latch by pushing on the rear outer edge near the center.

WARNING!

- Never have any smoking materials lit in or near the vehicle when the fuel door is open or the tank is being filled.
- Never add fuel when the engine is running. This is in violation of most state and

(Continued)

WARNING!

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.

REFUELING THE VEHICLE — HYBRID

1. Put the vehicle in the PARK position.
2. Push the fuel filler door release button (located above the headlight switch). Pushing the button will initiate a sequence of events to depressurize the fuel system. A message will display in the cluster when the vehicle is ready to be fueled.



Fuel Filler Door Release Button

NOTE:

- After pushing the release button you will have 20 minutes to fuel the vehicle; beyond 20 minutes you will need to push the release button again.
- The fuel door should take 15 seconds to open under normal conditions. It may take longer to open in some situations, such as high ambient temperatures or high altitudes.

3. 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.

NOTE:

- If you hear a hissing sound, wait to begin fueling the vehicle until after the hissing sound stops.
- In certain cold conditions, ice may prevent the fuel door from opening. If this occurs, lightly push around the perimeter of the fuel door to break the ice buildup and re-release the fuel door using the inside release button. Do not pry on the door.

4. Insert the fuel nozzle fully into the filler pipe, the nozzle opens and holds both flapper doors while refueling.

NOTE:

There is no fuel filler cap. Two flapper doors inside the pipe seal the system.

5. Fill the vehicle with fuel. When the fuel nozzle "clicks" or shuts off the fuel tank is full.

NOTE:

- If the service station fuel pump repeatedly clicks off (stops delivering fuel) before the fuel tank has been filled, push the fuel door release button again.
- If pushing the fuel door release button a second time does not correct the problem, try using a different fuel pump. If premature fuel pump shutoff continues to be a problem, take the vehicle to an authorized dealer for service.

6. Wait five seconds before removing the fuel nozzle to allow excess fuel to drain from nozzle.

7. Remove the fuel nozzle and then close the fuel door. Engage the fuel door latch by pushing on the rear outer edge near the center.

   NOTE:
   If the fuel door does not re-latch upon closure, push the fuel door release button again to reset the latch. If pushing the fuel door release button a second time does not correct the problem, take the vehicle to an authorized dealer for service.

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

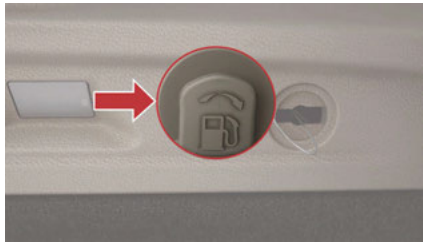
1. Place the vehicle's ignition in the RUN position and make sure the READY indicator is not on.

   NOTE:
   If this is not performed, then the tank vent valve will not open. This will result in premature fuel pump shutoffs.
2. Open the liftgate.
3. Locate the grocery hook on the left side of the vehicle on the rear side panel.



Rear Side Panel

4. Rotate the hook a quarter turn and pull the hook out of the side panel.
5. Pull the grocery hook directly out with the release cable attached and gently pull to unlock the fuel filler door.



Grocery Hook

   NOTE:
   Excessive force may break cable tether.
6. Wait 15 seconds and then begin fueling your vehicle.

HIGH VOLTAGE BATTERY — IF EQUIPPED

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 underneath 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 three percent of their charge per month.
- Lithium-ion batteries have no memory, which means that you do not have to completely discharge them before recharging, as with some other batteries.
- Lithium-ion batteries can be recharged and discharged thousands of times.

High Voltage Battery Service Disconnect

The high voltage battery service disconnect is located under the load floor of the cargo area, at the front left side. Only a qualified service technician should access the high voltage battery service disconnect.

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

WARNING!

- Never try to remove the high voltage battery service disconnect. The high voltage battery service disconnect is used when

(Continued)

WARNING!

your vehicle requires service by a qualified technician at an authorized dealership. Failure to follow this warning can result in electrical shock, toxic emissions, fire, and other hazards which can cause death or serious injury including severe burns, respiratory injuries, and blindness.

- The high voltage battery and battery case have no parts that you or an unqualified technician can service. Under no circumstances should you or an unqualified technician open, disassemble, penetrate, or tamper with the high voltage battery, battery case, their cables, or connectors. Damage to these components can result in electrical shock, toxic emissions, fire, and other hazards which can cause death or serious injury including severe burns, respiratory injuries, and blindness. You should take the vehicle to an authorized dealership for any service or maintenance on these high voltage components.

Disposal of the High Voltage Battery

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

WARNING!

Your vehicle contains a sealed Lithium-ion high voltage battery. If the battery is disposed of improperly, there is a risk of electrical shock and toxic emissions which can cause severe burns, respiratory injuries, fires, and other hazards resulting in serious injury or death. Bring the vehicle to your dealership when the life of the battery is exhausted.

General Information

The vehicle is also equipped with a Battery Management system that is designed to:

- Ensure safe operation
- Maximize driving range
- Maximize the life expectancy of the high voltage battery

NOTE:

During vehicle start up and shut down, a clicking noise may be heard from within the vehicle. When the vehicle is preparing to start, the high voltage battery contactors inside the battery are closed to make the stored electricity inside available for vehicle use. After the vehicle is shut down, the contactors open to electrically isolate the battery from other vehicle systems. The clicking noise is the sound of these contactors as they open and close during normal operation.

WARNING!

In the event of a collision:

- If your vehicle is still drivable, pull off to the side of the road, when safe to do so, and place the transmission in the PARK position, apply the parking brake, and turn the vehicle off.
- Beware of any exposed high-voltage parts or cables. To avoid electrical shock which can result in serious injury or death, never touch wiring, connectors, and other high-voltage parts, such as the inverter unit and the Lithium-ion battery.
- Leaks or damage to the Lithium-ion battery may result in a fire and toxic emissions which can cause severe burns, respiratory injuries, and other serious injuries or death. If you discover these leaks, contact emergency services immediately. Since the fluid leak may be Lithium Manganate from the Lithium-ion battery, never touch the fluid leak inside or outside of the vehicle. If the fluid contacts your skin or eyes, wash these areas immediately with a large amount of water and obtain immediate medical attention to help avoid serious injury.
- If a fire occurs in your vehicle, leave the vehicle as soon as possible and contact

(Continued)

WARNING!

(Continued)

emergency services. Only use a type ABC, BC, or C fire extinguisher that is meant for use on electrical fires. Using a small amount of water, or the incorrect fire extinguisher can result in serious injury or death from electrical shock.

- If you are not able to safely assess the vehicle due to vehicle damage, do not touch the vehicle. Leave the vehicle and contact emergency services. Advise first responders that this is a electric vehicle.
- In the event of an accident that requires bodywork, refer to an authorized dealership.
- If your vehicle was not in a collision but the undercarriage received an impact from road debris or other source while driving, have the Lithium-ion battery inspected by an authorized dealer.

Battery Conditioning

In extreme temperatures, high or low, the high voltage battery may need to be conditioned, and therefore may require the vehicle to be plugged in prior to the next use of the vehicle.

If the ambient temperature is 5°F (-15°C) or below at vehicle shut down, the instrument cluster will display the message “Plug In Vehicle To Condition Battery”.

If the battery temperature is below -22°F (-30°C), or 131°F (55°C) or above, the vehicle will NOT start:

- If the vehicle is plugged in at these battery temperatures, the vehicle will not start and the instrument cluster will display the message “Please Leave Key In RUN — Battery Conditioning Needed” until battery conditioning is complete.
- If the vehicle is not plugged in at these battery temperatures, the vehicle will not start and the “Plug In Vehicle To Condition Battery” message will be shown in the instrument cluster display.

NOTE:

- When the “Please Leave Key In RUN — Battery Conditioning Needed” message is displayed, keep the ignition in the RUN position for the battery to recover. Place the ignition back in the OFF position when the message disappears, and then start the vehicle. When this message is displayed, do not operate any air conditioning controls.
- Under these high or low temperatures, while the vehicle is plugged in and the ignition is in the OFF position, the vehicle may “wake up” to precondition the high voltage battery for use.

- It is recommended that the vehicle be plugged in overnight when possible, to maximize the electric range of the vehicle.

The messages will only be displayed when the ignition is in the RUN position and the high voltage battery is not ready to provide propulsion power. The messages will also display if there was a failed attempt to achieve READY state when the high voltage battery cell temperatures were either too cold, or too hot.

Regenerative Braking System (RBS)

Your vehicle has a 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.

Max Regeneration

Max Regeneration is a supplemental feature of the RBS. When activated, it will use the RBS to help slow the vehicle when the driver releases the accelerator pedal. This feature allows you to moderately reduce driving speed without pressing the brake pedal. It is always necessary to apply the brake pedal to bring the vehicle to a complete stop.



Max Regeneration Button

This feature can be activated by pressing the Max Regeneration button, located above the Uconnect screen.

NOTE:
The Max Regeneration feature will remain on once selected, even after the vehicle is restarted.

E-Selec Mode

This system allows the driver to select different modes by pushing the following buttons located above the headlight switch.



E-Selec Mode Switch

- Hybrid: Prioritizes electric range first, then gas range.
  - Automatically switches between using gas and battery for greatest efficiency and performance.
  - Best heating/cooling and acceleration performance.

- Electric: Prevents the engine from running, unless you absolutely need it.
  - Driving in electric mode allows the vehicle to use up to the full capability of the electric drivetrain, and if the electric drivetrain is operating at its peak power, then pressing the accelerator pedal more will not result in more power. To access the full capability of the engine plus electric motors, switch to Hybrid or e-Save.
  - Engine will switch on during a Wide Open Throttle (WOT) event, or if cruise control requires it.
  - Vehicle will switch to hybrid mode upon reaching < 1% State of Charge (SOC) or due to system needs. See ⇨ page 54 for information on where to view your vehicle's SOC.
- e-Save: Aims to maintain a high level of SOC/Electric range for later use. It can be customized in settings to increase the SOC to predefined levels.
  - e-Save settings can be found in the Uconnect Hybrid Electric App.
  - When e-Save is selected on a fully charged vehicle, the SOC will drop slightly for optimal performance.
  - The Battery Save setting aims to maintain the SOC at the current level. Under heavy load, such as while pulling a trailer, SOC may decrease. When coasting, the SOC may increase.
  - The Battery Charge setting uses power from the engine to increase SOC to the selected target. If the SOC is above the target when e-Save mode is activated, then the vehicle will automatically switch between gas and battery until SOC reaches the target.
  - The e-Save mode button must be pressed to activate Battery Save or Battery Charge.

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 (120 V) and AC Level 2 (240 V) charging.



Vehicle Charge Inlet Location

Open the charge port door by pushing near the rear outer edge of the door, near the center to unlatch. To close the charge port door, engage the door latch by pushing on the rear outer edge near the center.

NOTE:
Only utilize UL-certified (UL 2594) charging equipment to charge your vehicle. Failure to do so may result in safety hazards.

AC Level 1 Charging (120 Volt, 12 Amp)

Your vehicle is equipped with a 120 Volt AC, SAE J1772 Level 1 Electric Vehicle Supply Equipment (EVSE), also referred to as a Portable Charging Cordset (EVSE). AC Level 1 charging requires a conventional NEMA 5-15R 120 Volt AC grounded

wall outlet along with the Portable Charging Cordset (EVSE) provided with the vehicle.

WARNING!

This publication contains instructions and warnings that should be followed during charging operations. Please be sure to follow the warnings below. Failure to do so may result in serious injury or death.

- Discontinue use of the Portable Charging Cordset (EVSE) immediately if the plug or outlet becomes hot to the touch or if you notice any unusual odors.
- Do not use the Portable Charging Cordset (EVSE) in building structures that use fuse-based circuit protection. Use only with electrical circuits protected by circuit breakers.
- Do not use the Portable Charging Cordset (EVSE) if other devices are plugged into the same circuit.
- When unplugging the Portable Charging Cordset (EVSE) from the wall outlet, be sure to pull by the plug, and not the cord.
- Do not pull, twist, bend, step on or drag the cord of the Portable Charging Cordset (EVSE).

(Continued)

WARNING!

- Stop using the Portable Charging Cordset (EVSE) immediately if charging stops before it's completed when the plug or cord is moved or adjusted.
- Do not use the Portable Charging Cordset (EVSE) if the plug has a loose connection with the wall outlet or if the wall outlet is damaged or rusted.
- If in any doubt about the wall outlet and/or circuit, contact a qualified electrician.
- Do not use if a malfunction occurs or if the Portable Charging Cordset (EVSE) has been damaged in any manner. It is recommended that you contact an authorized dealership.
- There are no user serviceable parts inside the Portable Charging Cordset (EVSE). Do not attempt to repair or service the Portable Charging Cordset (EVSE), doing so will void the New Vehicle Warranty.

WARNING!

Electrical shock, fire, and other serious hazards can occur if the Portable Charging Cordset (EVSE) is not used properly. This vehicle uses a high voltage current. Failure to follow the proper charging instructions in this publication can cause serious injury or death. There

(Continued)

WARNING!

are no serviceable parts in the Portable Charging Cordset (EVSE). Do not open, disassemble, penetrate, or tamper with the Portable Charging Cordset (EVSE). Failure to follow this warning can result in electrical shock, fire, property damage, and death or serious injury.

The Portable Charging Cordset (EVSE) is stored in the rear cargo area below the load floor. To access this area, lift the handle of the load floor cover, and remove the Portable Charging Cordset (EVSE) from the storage bag in the rear cargo area on the right side.

Moving, Transporting, And Storage Instructions

After use, the Portable Charging Cordset (EVSE) should be placed in the storage bag and put back in the cargo storage area. If the Portable Charging Cordset (EVSE) will be left outside the vehicle, be sure to protect the device's connection end from moisture, dirt, and debris accumulation and contamination.



Portable Charging Cordset (EVSE) Storage Bag Location

NOTE:
The Portable Charging Cordset (EVSE) is used for AC Level 1 charging only.

WARNING!

Failure to follow these warnings and instructions can result in electrical shock and fire which can cause death or serious injury.

- Do not put fingers or objects into the Portable Charging Cordset (EVSE) connector.
- Do not use the Portable Charging Cordset (EVSE) if the flexible power cord is frayed,

(Continued)

WARNING!

broken, has cracked insulation, or any other signs of damage.

- Do not use the Portable Charging Cordset (EVSE) if the enclosure or the connector is broken, cracked, open, or shows any other indication of damage.
- Do not use the Portable Charging Cordset (EVSE) with an extension cord or plug adapters.
- The Portable Charging Cordset (EVSE) may attempt to reset and run after a power interruption.
- When using a charging station with the Portable Charging Cordset (EVSE) attached, ensure the charging station's cable is not visibly damaged before plugging into the vehicle.
- Do not allow children to operate the Portable Charging Cordset (EVSE). Adult supervision is mandatory when children are in proximity to the charge station that is in use.
- Do not use a charge station or vehicle charge inlet that is worn or damaged with the AC Level 2 charging cable. Plugging into worn or damaged receptacles may cause

(Continued)

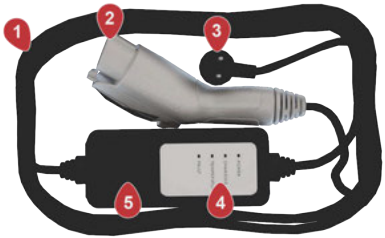
WARNING!

damage to the Portable Charging Cordset (EVSE) and vehicle.

- Ensure that the Portable Charging Cordset (EVSE) is always stored in a safe place. Do not expose the EVSE J1772 vehicle connector to rain or wet conditions. Avoid allowing water or other liquids to pour or drip onto the vehicle connection end of the J1772 EVSE connector. If water penetrates the electrical device, the risk of electrical shock increases. Ensure that all plugs and cables are free of moisture before using the Portable Charging Cordset (EVSE).
- In a collision, a loose Portable Charging Cordset (EVSE) in the vehicle could cause injury. It could fly around in a sudden stop and strike someone in the vehicle. Do not store the Portable Charging Cordset (EVSE) on the cargo load floor, or in the passenger compartment.
- The Portable Charging Cordset (EVSE) has been tested for use in temperatures ranging from -40°F to 122°F (-40°C to 50°C).
- The Portable Charging Cordset (EVSE) should be stored at temperatures between -40°F and 176°F (-40°C and 80°C).

Portable Charging Cordset (EVSE)

The Portable Charging Cordset (EVSE) is compliant with SAE J1772, and applicable for use with vehicles fitted with standard SAE J1772 charge inlets.



Portable Charging Cordset (EVSE)

1 — Charge Cable
2 — Charge Connector
3 — AC Plug
4 — Status Indicator Display
5 — Portable Charging Cordset (EVSE) Enclosure

Grounding Instructions

For A Grounded, Cord-Connected Product:

The Portable Charging Cordset (EVSE) must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for an electric current to reduce the risk of electric shock. The Portable Charging Cordset (EVSE) is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING!

Do not use the Portable Charging Cordset (EVSE) on electrical circuits with two-prong outlets; use with improper outlets could result in electric shock, fire, property damage, and death or serious injury. Check with a qualified electrician if you are in doubt as to whether the wall outlet is properly grounded. Do not modify the plug prongs provided with the Portable Charging Corset (EVSE) – if it does not fit the outlet, you must have a proper outlet installed by a qualified electrician.

Portable Charging Cordset (EVSE) Installation And Operating Instructions

1. Always insert the AC plug prongs of the Portable Charging Cordset (EVSE) into a 15 A, or 20 A, 120 VAC, 60 Hz, grounded wall outlet first.

NOTE:

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

WARNING!

Do not use the Portable Charging Cordset (EVSE) on electrical circuits with two-prong outlets; use with improper outlets could result in electric shock, fire, property damage, and death or serious injury. Check with a qualified electrician if you are in doubt as to whether the wall outlet is properly grounded. Do not modify the plug prongs provided with the Portable Charging Corset (EVSE) – if it does not fit the outlet, you must have a proper outlet installed by a qualified electrician.

2. Check to see if the Portable Charging Cordset (EVSE) is ready to charge by reviewing the indicator lights.



Portable Charging Cordset (EVSE) Indicator Lights

1 — AC Power Indicator Light
2 — Fault Indicator Light
3 — Check Outlet Indicator Light

3. If the Portable Charging Cordset (EVSE) is ready to charge, ensure the vehicle is in PARK, and then connect the charge connector to the vehicle's charge inlet. You will hear a "click" when the charge connector is inserted correctly and coupled with the vehicle's charge inlet.



Inserting The Charge Connector Into The Vehicle Charge Inlet

4. When the vehicle commences charging, the green indicator light will turn on.

NOTE:
The vehicle should start charging automatically.

5. To stop the charging process, disconnect the Portable Charging Cordset (EVSE) from the vehicle first, and then from the wall outlet. To disengage the vehicle coupler, push the button on the connector.
6. Close the inlet door when a Portable Charging Cordset (EVSE) is not connected to the vehicle.

Troubleshooting Using The Status Indicator Display

If the vehicle is not charging properly, consult the status indicator lights.

The **Green LED** signals correct operation of the system.

The **Red LED** signals a failure in the charging system.

The **Yellow LED** signals a failure with the outlet.

Any faults in charging are displayed by the LEDs, either steady or flashing, located on the status indicator display of the Portable Charging Cordset (EVSE).

NOTE:
During normal operation, the charge connector or AC plug may feel warm. If either one feels hot during charging, unplug the Portable Charging Cordset (EVSE) and have a qualified electrician inspect the wall outlet before you continue charging.

WARNING!

Do not use the Portable Charging Cordset (EVSE) with an outlet that is worn or damaged. Failure to follow this warning can result in electrical shock, fire, property damage, and death or serious injury.

AC Level 2 Charging (240 Volt, 40 Amp)

AC Level 2 (240 V) charging requires a 240 V, Level 2 Electric Vehicle Supply Equipment (EVSE) charging station. We recommend using a Level 2 EVSE charger with up to 48 amps for home installation.

When using public charging stations, ensure the charging station is ready to provide charge and the vehicle is in PARK before the Level 2 EVSE is plugged into the vehicle's charge inlet. You will hear a "click" when the charge connector is inserted correctly and is coupled with the vehicle's charge inlet.

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

- Charging Station — Check the indications and instructions at the charging station.
- Charging Schedule — Check whether the charging schedule is enabled and if so, whether the vehicle is currently within the scheduled charge time/day (weekday/weekend). If the charging schedule is enabled within the vehicle, you may override it for this charging event by plugging in the charge connector, unplugging it, and then plugging it back into the vehicle charge inlet. Complete the double plug sequence within 10 seconds for it to override the set schedule.
- Hood Ajar — Check whether the hood is open. Charging is disabled while the hood is open, and will resume when the hood closes.

To stop the charging process:

- Press the button located on the Level 2 EVSE vehicle connector.
- Remove the connector from the vehicle charge inlet.
- Plug the charge handle into the Level 2 EVSE station and coil the charging cord onto its holder. Do not leave the charging cord lying on the ground.

Vehicle Charge Indicators

Instrument Cluster High Voltage Battery Display

There is a battery display indicator located on the instrument cluster. The battery display will indicate the current State Of Charge (SOC) for the high voltage battery; with the percentage value located to the right of the symbol.

Instrument Panel State Of Charge Indicator

In addition to the battery display in the instrument cluster, your vehicle is equipped with a visual SOC indicator. The SOC 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 charging system.



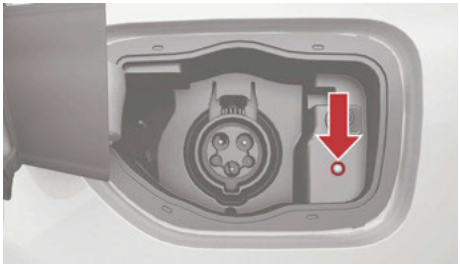
State Of Charge Indicator

The SOC indicator provides a visual indication of the high voltage battery's charge status during charging.

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.

When the hood is open, the lights on the SOC indicator will not be illuminated.

Next to the charging inlet, there is an LED that changes color based on charging status.



Charging Inlet LED Location

LED Charging Inlet	
LED Light Color	**Status**
Blue	Indicates that the system is waiting for a scheduled recharge.
Flashing Green	Charging process in place.
Solid Green	Indicates the vehicle is fully charged.
Blinking Red	Indicates a fault in the charging system.

Hybrid Electric Pages

Within your Uconnect system is the Hybrid Electric App that allows you to see your vehicle's power flow, understand your driving history, and set a charging schedule for your vehicle's high voltage battery. To access this app, press the Apps button on the main menu bar of the radio's touchscreen, and locate the Hybrid Electric App. Pressing the app icon brings you to a set of hybrid electric pages: Power Flow, Driving History, Charging Schedule, e-Save, and Charge Settings (if equipped). For more information on Hybrid Electric Pages refer to your Owner Manual.

Power Flow

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.
- Battery - Shows the amount of power (in kW) the high voltage battery is currently providing/absorbing.
- Climate - Shows the amount of power (in kW) the Climate Control system is using to maintain the current interior temperature.

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

Driving History

The Driving History screen shows the miles (km) driven in both Full Electric and Hybrid (battery and engine powered) 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.

Charging Schedule

To set a charging schedule, select the Hybrid Electric App on the touchscreen and follow these steps:

1. Select "Schedules".
2. Select one of the two charging schedules by pressing the appropriate arrow on the right side of the screen.
3. Select if Scheduled Charging should "Charge Until Full".
4. Set the Charge Start Time: Hours, Minutes, and AM/PM.

   NOTE:

   This is to occur every week (as long as the vehicle is connected to an EVSE).
5. When done, press the back arrow. The active schedule will be indicated by the check mark to the right of the schedule event line. The Event Action and Time will be displayed.

6. To add another Scheduled Charging event, repeat these steps.

NOTE:

A maximum of two independent Scheduled Charging events can be scheduled at a given time.

Charge Until Full

If “Charge Until Full” is selected, the vehicle must be plugged in within five minutes of the start time.

Schedule Bypass

NOTE:

If the vehicle is turned off outside of the charging window, a radio pop-up message will be displayed. The pop-up message asks the driver if they would like to “Charge Now?” and provides 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, select the “Enable Schedule” checkbox until the check mark is removed from the box.

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 plug sequence will override the set schedule in the Hybrid Electric App, and begin charging the vehicle immediately. The double plug sequence must be completed within 10 seconds for it to override the programmed schedule.

e-Save

The fourth screen within the Hybrid Electric App is the e-Save screen. From this screen, you can specify the behavior of the e-Save drive mode:

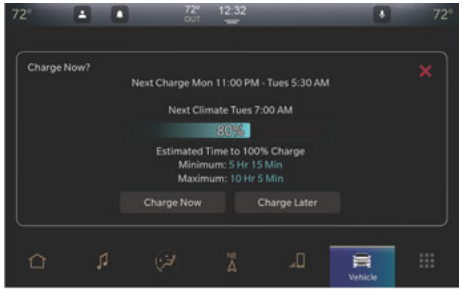


e-Save Screen

- Battery Save - Maintains the high voltage State of Charge (SOC) at its current level under most driving scenarios.
- Battery Charge - Uses additional power from the gas engine to increase the high voltage SOC, up to 40%, 60%, or 80% capacity.

Charge Settings — If Equipped

The fifth screen within the Hybrid Electric App is the Charge Setting screen. From this screen, you can select the rate at which your vehicle charges.



Charge Settings Screen

The Charge Setting can be adjusted by pressing the “+” or “-” buttons, and the estimated time until full charge will update on the right side of the screen to reflect the selected Charge Setting.

Maximum Battery Level

The Maximum Battery Level screen will allow you to adjust to total battery charge when charging the vehicle. The available options are 80% Daily Range and 100% Full Range.

ASSIST AND SOS SYSTEM — IF EQUIPPED



ASSIST And SOS Buttons

1 — ASSIST Button
2 — SOS Button

Making an SOS Call

1. Press or hold the SOS Call button on the overhead console.

   NOTE:
   In case the SOS Call button is pushed in error, there will be a 10 second delay before the SOS Call system initiates a call to an SOS operator. To cancel the SOS Call connection, push the SOS Call button on the overhead console or press the cancellation button on the Device Screen. Termination of the SOS Call will turn off the green LED light on the overhead console.
2. The LED light located next to the SOS button on the overhead console will turn green once a connection to an SOS operator has been made.
3. Once a connection between the vehicle and an SOS operator is made, the SOS Call system may transmit the following important vehicle information to an SOS operator:
   - Indication that the occupant placed a SOS Call
   - The vehicle brand
   - The last known GPS coordinates of the vehicle
4. You should be able to speak with the SOS operator through the vehicle audio system to determine if additional assistance is needed.

WARNING!

ALWAYS obey traffic laws and pay attention to the road. ALWAYS drive safely with your hands on the steering wheel. You have full responsibility and assume all risks related to the use of the features and applications in this vehicle. Only use the

(Continued)

WARNING!

features and applications when it is safe to do so. Failure to do so may result in an accident involving serious injury or death.

NOTE:
- Your vehicle may be transmitting data as authorized by the subscriber.
- Once a connection is made between the vehicle's SOS Call system and the SOS operator, the SOS operator may be able to open a voice connection with the vehicle to determine if additional assistance is needed. Once the SOS operator opens a voice connection with the vehicle's SOS Call system, the operator should be able to speak with you or other vehicle occupants and hear sounds occurring in the vehicle. The vehicle's SOS Call system will attempt to remain connected with the SOS operator until the SOS operator terminates the connection.

5. The SOS operator may attempt to contact appropriate emergency responders and provide them with important vehicle information and GPS coordinates.

WARNING!

- If anyone in the vehicle could be in danger (e.g., fire or smoke is visible, dangerous road conditions or location), do not wait for voice contact from an Emergency Services Agent. All occupants should exit the vehicle immediately and move to a safe location.
- Never place anything on or near the vehicle's operable network and GPS antennas. You could prevent operable network and GPS signal reception, which can prevent your vehicle from placing an emergency call. An operable network and GPS signal reception is required for the SOS Call system to function properly.
- The SOS Call system is embedded into the vehicle's electrical system. Do not add aftermarket electrical equipment to the vehicle's electrical system. This may prevent your vehicle from sending a signal to initiate an emergency call. To avoid interference that can cause the SOS Call system to fail, never add aftermarket equipment (e.g., two-way mobile radio, CB radio, data recorder, etc.) to your vehicle's electrical system or modify the antennas on your vehicle. IF YOUR VEHICLE LOSES BATTERY POWER FOR ANY REASON (INCLUDING DURING OR AFTER AN ACCIDENT),

(Continued)

WARNING!

(Continued)

THE UCONNECT FEATURES, APPS AND SERVICES, AMONG OTHERS, WILL NOT OPERATE.

- Modifications to any part of the SOS Call system could cause the air bag system to fail when you need it. You could be injured if the air bag system is not there to help protect you.
- ALWAYS obey traffic laws and pay attention to the road. ALWAYS drive safely with your hands on the steering wheel. You have full responsibility and assume all risks related to the use of the 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.
- Ignoring the overhead console light could mean you will not have SOS Call services. If the overhead console light is illuminated, have an authorized dealer service the SOS Call system immediately.
- The Occupant Restraint Control module turns on the Air Bag Warning Light on the instrument panel if a malfunction in any part of the system is detected. If the Air Bag Warning Light is illuminated, have an authorized dealer service the Occupant Restraint Control system immediately.

Automatic SOS — If Equipped

Automatic SOS is a hands-free safety service that can immediately connect you with help in the event that your vehicle's air bags deploy. Please refer to your provided radio supplement for complete information.

Making an ASSIST Call

The vehicle is equipped with an on-board assist, which is located within the Uconnect system. The ASSIST button is used to automatically connect you to any one of the following support centers:

- Roadside Assistance – If you get a flat tire, or need a tow, just push the ASSIST button to connect to someone who can help. Roadside Assistance will know what vehicle you're driving and its location. Additional fees may apply for roadside assistance.
- Vehicle Customer Care – Total support for all other vehicle issues.

NOTE:

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

JACKING AND TIRE CHANGING

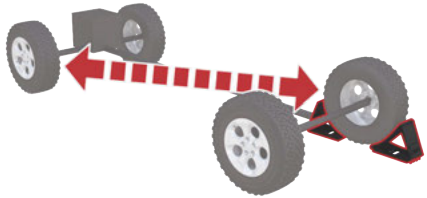
Preparations For Jacking

1. Park on a firm, level surface (avoid ice or slippery areas).

WARNING!

Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid being hit when operating the jack or changing the wheel.

2.  Turn on the Hazard Warning Flashers.
3. Apply the parking brake.
4. Place the ignition to the OFF position.
5. Block both the front and rear of the wheel diagonally opposite of your jacking position. For example, if the driver's front wheel is being changed, block the passenger's rear wheel.



Wheel Blocked

NOTE:

- Passengers should not remain in the vehicle when the vehicle is being raised or lifted.
- Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid being hit when operating the jack or changing the wheel.

Jack Location

The scissor-type jack and tire changing tools are located in the rear cargo area, under the load floor.

NOTE:

Depending on the vehicle's trim level, the jacking tool locations vary from second and third row seating.

1. Locate and lift up on the load floor handle.



Load Floor Handle

2. Access the jack and tool storage.
3. Remove the jack storage cover. To remove, firmly press the two side tabs inward while lifting up or out.
4. Release the Velcro straps and pull outward or up on the jack and tools to remove.

Spare Tire Stowage

NOTE:

Depending on the vehicle's trim level, spare tire locations vary from second and third row seating.

Second Row Seating — If Equipped

For vehicles equipped with second row seating, the spare tire is located in the rear cargo area under the load floor.



Spare Tire Location (Second Row Seating)

Third Row Seating — If Equipped

For vehicles equipped with third row seating, the spare tire is stowed under the rear of the vehicle by means of a cable winch mechanism. To remove or stow the spare, use the jack handle/lug wrench connected to the square socket extension to rotate the "spare tire drive" nut. The nut is located under a plastic cover at the center-rear of the cargo floor area, just inside the liftgate opening.



Spare Tire Location (Third Row Seating)

CAUTION!
The winch mechanism is designed for use with the jack wrench extension tool only. Use of air wrench or power tool may damage the winch.

Spare Tire Removal

Remove the spare tire before attempting to jack up the vehicle.

NOTE:
Depending on the vehicle's trim level, the procedure for spare tire removal varies for second and third row seating.

Second Row Seating — If Equipped

1. Lift up on the rear load floor to access the spare tire. Remove the fastener securing the spare tire, and remove the spare tire from the vehicle.
2. Remove the spare tire fastener by rotating it counterclockwise.



Removing The Spare Tire Fastener

3. After removing the fastener, pull the spare tire up away from the fastener pin and out of the vehicle.

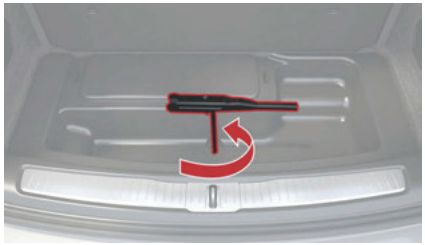
Third Row Seating — If Equipped

1. Lift up on the rear load floor to access the spare tire winch plug. Locate and remove plug from the storage compartment floor to expose the winch access hole.



Winch Nut Plug

2. Fit the jack handle extension over the winch drive nut. Use the lug wrench handle and extension to completely lower the spare tire. Keep turning the handle counterclockwise until the winch stops.



Lug Wrench Handle And Extension

3. Slide the tire out from under the vehicle and rotate it vertically behind the rear fascia/bumper.
4. Pull the metal retainer toward you to release it.
5. Slide the retainer up the steel extension tube and winch cable. Rotate the retainer and push it through the hole in the wheel.

Jacking Instructions

WARNING!

Carefully follow these tire changing warnings to help prevent personal injury or damage to your vehicle:

- Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.
- Turn on the Hazard Warning Flashers.
- Apply the parking brake firmly and set the transmission in PARK.
- Block the wheel diagonally opposite the wheel to be raised.
- Never start or run the engine with the vehicle on a jack.
- Do not let anyone sit in the vehicle when it is on a jack.
- 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.

(Continued)

WARNING!

- To assure that spare tires, flat or inflated, are securely stowed, spares must be stowed with the valve stem facing the ground.



Jack Warning Label

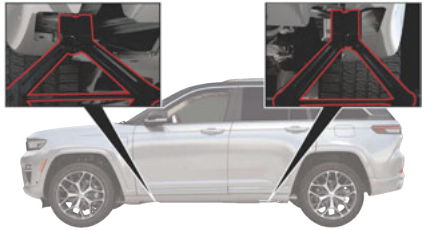
CAUTION!

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, using the lug wrench by turning them counterclockwise, one turn, while the wheel is still on the ground.
2. Assemble the jack and jacking tools.

NOTE:

Proper placement for the front and rear jacking locations is critical. See the following images for proper jacking locations.

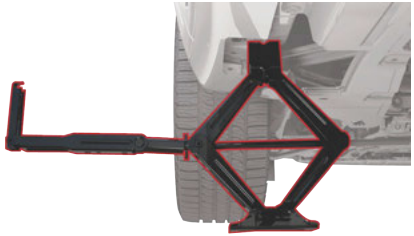


Jacking Locations

3. For the front axle, place the jack on the body flange just behind the front tire as indicated by the triangular lift point symbol on the sill molding. **Do not raise the vehicle until you are sure the jack is fully engaged.**

NOTE:

The jack must be placed straight on with handle facing outwards.

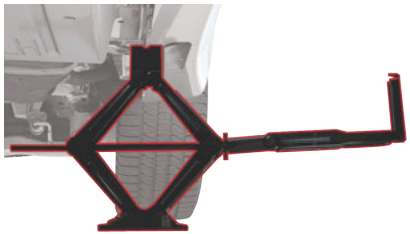


Front Jacking Location

4. For a rear tire, place the jack in the slot on the rear tie-down bracket, just forward of the rear tire (as indicated by the triangular lift point symbol on the sill molding). **Do not raise the vehicle until you are sure the jack is fully engaged.**

CAUTION!

Do NOT raise the vehicle by the body side sill molding. Be sure the jack is placed in the proper engagement location on the inside of the panel. Damage of the vehicle may occur if the procedure is not properly followed.



Rear Jacking Location

5. Raise the vehicle by turning the jack screw clockwise. Raise the vehicle only until the tire just clears the surface and enough clearance is obtained to install the spare tire. Minimum tire lift provides maximum stability.

WARNING!

Raising the vehicle higher than necessary can make the vehicle less stable. It could slip off the jack and hurt someone near it. Raise the vehicle only enough to remove the tire.

6. Remove the lug nuts and wheel.
7. Position the spare wheel/tire on the vehicle and install the lug nuts with the cone-shaped end toward the wheel. Lightly tighten the nuts.

CAUTION!

Be sure to mount the spare tire with the valve stem facing outward. The vehicle could be damaged if the inflatable spare tire is mounted incorrectly.

WARNING!

To avoid the risk of forcing the vehicle off the jack, do not tighten the wheel nuts fully until the vehicle has been lowered. Failure to follow this warning may result in serious injury.

8. Lower the vehicle by turning the jack screw counterclockwise, and remove the jack and wheel blocks.
9. 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. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.
10. Lower the jack to the fully closed position.
11. Return the jack and tools back into the jack storage bin. Reinstall the jack storage cover by firmly pushing down until the two side clips lock into position.
12. 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.
13. Have the aluminum road wheel and tire repaired as soon as possible and properly secure the spare tire, jack and tool kit.

NOTE:

Do not drive with the spare tire installed for more than 50 miles (80 km) at a max speed of 50 mph (80 km/h).

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.

Second Row Seating — If Equipped

1. Securely store the road wheel in the cargo area.
2. Turn the fastener clockwise until secured.

Third Row Seating — If Equipped

1. Position the wheel behind the rear fascia/bumper facing outward. Push the end of the winch's cable, spring and steel sleeve through the back of the road wheel. Making sure the valve stem is facing the ground when the wheel is stowed.
2. Slide the road wheel on the ground until it is directly under the winch and between the rear fascia/bumper and exhaust system heat shields. Raise the tire by turning the lug wrench on the winch extension clockwise until it clicks/ratchets three times to make sure the cable is tight.

CAUTION!

The winch mechanism is designed for use with the jack wrench extension tool only. Use of air wrench or power tool may damage the winch.

JUMP STARTING — GAS MODELS

If your vehicle has a discharged battery, it can be jump started using a set of jumper cables and a battery in another vehicle, or by using a portable battery booster pack. Jump starting can be dangerous if done improperly, so please follow the procedures in this section carefully.

WARNING!

Do not attempt jump starting if the battery is frozen. It could rupture or explode and cause personal injury.

CAUTION!

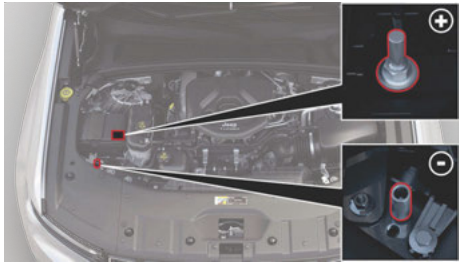
Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.

NOTE:

When using a portable battery booster pack, follow the manufacturer's operating instructions and precautions.

Preparations For Jump Start — Gas Models

There are remote terminals located under the hood to assist in jump starting.



Jump Starting Posts

Remote Positive (+) Post
Remote Negative (-) Post

NOTE:

The remote battery posts are viewed by standing on the right side of the vehicle looking over the fender. The positive battery post may be covered with a protective cap. Lift up on the

cap to gain access to the positive battery post. Do not jump off fuses. Only jump directly off positive post which has a positive **(+)** symbol on or around the post.

See the following steps to prepare for jump starting:

1. Apply the parking brake, shift the automatic transmission into PARK (P) and turn the ignition OFF.
2. Turn off the heater, radio, and all electrical accessories.
3. If using another vehicle to jump start the battery, park the vehicle within the jumper cables' reach, apply the parking brake and make sure the ignition is OFF.

NOTE:
Be sure that the disconnected cable ends do not touch each other, or either vehicle, until properly connected for jump starting.

WARNING!

Do not allow vehicles to touch each other as this could establish a ground connection and personal injury could result.

WARNING!

- Take care to avoid the radiator cooling fan whenever the hood is raised. It can start anytime the ignition switch is ON. You can be injured by moving fan blades.
- Remove any metal jewelry such as rings, watch bands and bracelets that could make an inadvertent electrical contact. You could be seriously injured.
- Batteries contain sulfuric acid that can burn your skin or eyes and generate hydrogen gas which is flammable and explosive. Keep open flames or sparks away from the battery.

Jump Starting Procedure — Gas Models

WARNING!

Failure to follow this jump starting procedure could result in personal injury or property damage due to battery explosion.

CAUTION!

Failure to follow these procedures could result in damage to the charging system of the booster vehicle or the discharged vehicle.

NOTE:
Make sure at all times that unused ends of jumper cables are not contacting each other or either vehicle while making connections.

Connecting The Jumper Cables

1. Connect the positive **(+)** end of the jumper cable to the remote positive **(+)** post of the discharged vehicle.
2. Connect the opposite end of the positive **(+)** jumper cable to the positive **(+)** post of the booster battery.
3. Connect the negative **(-)** end of the jumper cable to the negative **(-)** post of the booster battery.
4. Connect the opposite end of the negative **(-)** jumper cable to the remote negative **(-)** post (exposed metallic/unpainted post of the discharge vehicle) located directly in front of the underhood fuse box.

WARNING!

Do not connect the jumper cable to the negative **(-)** post of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury.

5. Start the engine in the vehicle that has the booster battery, let the engine idle a few

minutes, and then start the engine in the vehicle with the discharged battery.

CAUTION!
Do not run the booster vehicle engine above 2,000 RPM since it provides no charging benefit, wastes fuel, and can damage booster vehicle engine.

6. Once the engine is started, follow the disconnecting procedure.

Disconnecting The Jumper Cables

1. Disconnect the negative **(-)** end of the jumper cable from the remote negative **(-)** post of the discharged vehicle.
2. Disconnect the opposite end of the negative **(-)** jumper cable from the negative **(-)** post of the booster battery.
3. Disconnect the positive **(+)** end of the jumper cable from the positive **(+)** post of the booster battery.
4. Disconnect the opposite end of the positive **(+)** jumper cable from the remote positive **(+)** post of the discharged vehicle.
5. Reinstall the protective cover over the remote positive **(+)** post of the discharged vehicle.

If frequent jump starting is required to start your vehicle have the battery and charging system tested at an authorized dealer.

CAUTION!
Accessories plugged into the vehicle power outlets draw power from the vehicle's battery, even when not in use (i.e., cellular devices, etc.). Eventually, if plugged in long enough without engine operation, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.

JUMP STARTING — HYBRID MODELS

If your vehicle has a discharged battery, it can be jump started using a set of jumper cables and a battery in another vehicle, or by using a portable battery booster pack. Jump starting can be dangerous if done improperly, so please follow the procedures in this section carefully.

The vehicle requires its 12 Volt battery power to turn-on the vehicle's high voltage battery. The high voltage battery is used to charge the 12 Volt battery, provide electric vehicle operation, and to start the vehicle's gas engine. If the 12 Volt battery has been discharged, the vehicle can be jump started using a set of jumper cables and a battery in another vehicle or by using a portable battery booster pack.

If the vehicle's high voltage battery has also been discharged, it will need to be recharged to a minimum operating State Of Charge (SOC) before the vehicle can be started:

- If the vehicle can be connected to a Level 1 or Level 2 charger where it is currently parked, the vehicle will still require a jump start to allow the vehicle to begin the battery charging process. Once the vehicle charging has begun (indicated by the charge status indicator on top of 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 12 Volt power to the vehicle's jump posts and then shifting the transmission from PARK (P) into NEUTRAL (N). Power provided by the jumper cables will also allow the Electric Park Brake to be released. Carefully move the vehicle to a Level 1 or Level 2 charge location. While the vehicle is being moved, the external 12 Volt power must remain connected to the vehicle jump posts.

NOTE:
Be careful when moving the vehicle - ensure that control of the vehicle is maintained. Also,

ensure that vehicle is secured to prevent unintentional movement during and after moving the vehicle. If the external 12 Volt power becomes disconnected from the vehicle jump posts or there is an interruption of the 12 Volt power while moving the vehicle, the vehicle's transmission may engage PARK. Do not allow the jumper cables to come in contact with each other or to the vehicle, this will result in a short.

When the vehicle is at the charging location, shift the 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.

WARNING!

Do not attempt jump starting if the battery is frozen. It could rupture or explode and cause personal injury.

CAUTION!

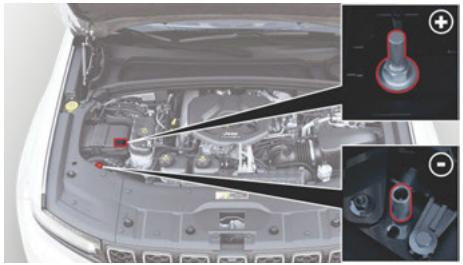
Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.

NOTE:

When using a portable battery booster pack, follow the manufacturer's operating instructions and precautions.

Preparations For Jump Start — Hybrid Models

There are remote terminals located under the hood to assist in jump starting.



Jump Starting Posts

Remote Positive (+) Post
Remote Negative (-) Post

NOTE:

The remote battery posts are viewed by standing on the right side of the vehicle looking over the fender. The positive battery post may be covered with a protective cap. Lift up on the cap to gain access to the positive battery post. Do not jump off fuses. Only jump directly off positive post which has a positive **(+)** symbol on or around the post.

See the following steps to prepare for jump starting:

1. Apply the parking brake, shift the automatic transmission into PARK (P) and turn the ignition OFF.
2. Turn off the heater, radio, and all electrical accessories.
3. If using another vehicle to jump start the 12 Volt electrical system, park the vehicle within the jumper cables reach, apply the parking brake and make sure the ignition is OFF.

NOTE:

Be sure that the disconnected cable ends do not touch each other, or either vehicle, until properly connected for jump starting.

WARNING!

Do not allow vehicles to touch each other as this could establish a ground connection and personal injury could result.

WARNING!

- Take care to avoid the radiator cooling fan whenever the hood is raised. It can start anytime the ignition switch is ON. You can be injured by moving fan blades.
- Remove any metal jewelry such as rings, watch bands and bracelets that could make an inadvertent electrical contact. You could be seriously injured.
- Batteries contain sulfuric acid that can burn your skin or eyes and generate hydrogen gas which is flammable and explosive. Keep open flames or sparks away from the battery.

Jump Starting Procedure — Hybrid Models

WARNING!

Failure to follow this jump starting procedure could result in personal injury or property damage due to battery explosion.

CAUTION!

Failure to follow these procedures could result in damage to the charging system of the booster vehicle or the discharged vehicle.

NOTE:
Make sure at all times that unused ends of jumper cables are not contacting each other or either vehicle while making connections.

Connecting The Jumper Cables

1. Connect the positive **(+)** end of the jumper cable to the remote positive **(+)** post of the discharged vehicle.
2. Connect the opposite end of the positive **(+)** jumper cable to the positive **(+)** post of the booster battery.
3. Connect the negative **(-)** end of the jumper cable to the negative **(-)** post of the booster battery.
4. Connect the opposite end of the negative **(-)** jumper cable to the remote negative **(-)** post (exposed metallic/unpainted post of the discharge vehicle) located directly in front of the underhood fuse box.

WARNING!

Do not connect the jumper cable to the negative **(-)** post of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury.

5. Start the engine in the vehicle that has the booster battery, let the engine idle a few minutes, and then cycle the ignition to ON/RUN in the vehicle with the discharged battery.

CAUTION!

Do not run the booster vehicle engine above 2,000 RPM since it provides no charging benefit, wastes fuel, and can damage booster vehicle engine.

6. After a couple of minutes (depending on the level of 12 Volt battery discharge), attempt to start the vehicle. Once the engine is started, follow the disconnecting procedure.

Disconnecting The Jumper Cables

1. Disconnect the negative **(-)** end of the jumper cable from the remote negative **(-)** post of the discharged vehicle.
2. Disconnect the opposite end of the negative **(-)** jumper cable from the negative **(-)** post of the booster battery.
3. Disconnect the positive **(+)** end of the jumper cable from the positive **(+)** post of the booster battery.
4. Disconnect the opposite end of the positive **(+)** jumper cable from the remote positive **(+)** post of the discharged vehicle.

5. Reinstall the protective cover over the remote positive **(+)** post of the discharged vehicle.

If frequent jump starting is required to start your vehicle have the battery and charging system tested at an authorized dealer.

CAUTION!

Accessories plugged into the vehicle power outlets draw power from the vehicle's battery, even when not in use (i.e., cellular devices, etc.). Eventually, if plugged in long enough without engine operation, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.

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 (D) and REVERSE (R) while gently pressing the accelerator.

NOTE:

Shifts between DRIVE (D) and REVERSE (R) can only be achieved at wheel speeds of 5 mph (8 km/h) or less. Whenever the transmission remains in NEUTRAL (N) for more than two seconds, you must press the brake pedal to engage DRIVE (D) or REVERSE (R).

Use the least amount of accelerator pedal pressure that will maintain the rocking motion without spinning the wheels or racing the engine.

NOTE:

Push the ESC OFF button to place the Electronic Stability Control (ESC) system in "Partial OFF" mode, before rocking the vehicle. Once the vehicle has been freed, push the ESC OFF button again to restore "ESC On" mode.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause damage, or even failure, of the axle and tires. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) or for longer than 30 seconds

(Continued)

WARNING!

continuously without stopping when you are stuck and do not let anyone near a spinning wheel, no matter what the speed.

CAUTION!

- Racing the engine or spinning the wheels may lead to transmission overheating and failure. Allow the engine to idle with the transmission in NEUTRAL for at least one minute after every five rocking-motion cycles. This will minimize overheating and reduce the risk of transmission failure during prolonged efforts to free a stuck vehicle.
- When "rocking" a stuck vehicle by shifting between DRIVE and REVERSE, do not spin the wheels faster than 15 mph (24 km/h), or drivetrain damage may result.
- Revving the engine or spinning the wheels too fast may lead to transmission overheating and failure. It can also damage the tires. Do not spin the wheels above 30 mph (48 km/h) while in gear (no transmission shifting occurring).

TOWING A DISABLED VEHICLE

Towing Condition	Wheels OFF The Ground	Two-Wheel Drive Models	Four-Wheel Drive Models Without 4WD Low Range	Four-Wheel Drive Models With 4WD Low Range
Flat Tow	NONE	NOT ALLOWED	NOT ALLOWED	**See Instructions** ● Transmission in PARK ● Transfer case in N (NEUTRAL) ● Tow in forward direction
Dolly Tow	Front	**NOT ALLOWED**	**NOT ALLOWED**	**NOT ALLOWED**
	Rear	OK	**NOT ALLOWED**	**NOT ALLOWED**
On Trailer	ALL	OK	OK	OK

Proper towing or lifting equipment is required to prevent damage to your vehicle. Use only tow bars and other equipment designed for this purpose, following equipment manufacturer's instructions. Use of safety chains is mandatory. Attach a tow bar or other towing device to main structural members of the vehicle, not to fascia/bumpers or associated brackets. State and local laws regarding vehicles under tow must be observed.

NOTE:

- You must ensure that the Auto Park Brake feature is disabled before towing this vehicle 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 Park 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 Safehold feature will engage the Electric Park Brake whenever the driver's door is opened (if the battery is connected, 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.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN mode.

If the vehicle's battery is discharged, instructions on shifting the automatic transmission out of PARK (P) in order to move the vehicle.

CAUTION!

- Do not use sling type equipment when towing. Vehicle damage may occur.
- When securing the vehicle to a flat bed truck, do not attach to front or rear suspension components. If vehicle is equipped with Quadra-lift air suspension, secure vehicle only with tire/wheel straps (no suspension components or body) to prevent air suspension from adjusting during towing against securement straps and causing damage. Damage to your vehicle may result from improper towing.

Rear-Wheel Drive Models

FCA US LLC recommends towing your vehicle with all four wheels **OFF** the ground using a flatbed.

If flatbed equipment is not available, and the transmission is operable, the vehicle may be towed (with rear wheels off the ground) under the following conditions:

- The transmission must be in NEUTRAL (N).
- The towing speed must not exceed 30 mph (48 km/h).
- The towing distance must not exceed 30 miles (48 km).

CAUTION!

Towing faster than 30 mph (48 km/h) or farther than 30 miles (48 km) with rear wheels on the ground can cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

If the transmission is not operable, or the vehicle must be towed faster than 30 mph (48 km/h) or farther than 30 miles (48 km), tow with the rear wheels **OFF** the ground. Acceptable methods are to tow the vehicle on a flatbed, or with the front wheels raised and the rear wheels on a towing dolly, or (when using a suitable steering wheel stabilizer to hold the front wheels in the straight position) with the rear wheels raised and the front wheels **ON** the ground.

Four-Wheel Drive Models

FCA US LLC recommends towing with all wheels **OFF** the ground. Acceptable methods are to tow the vehicle on a flatbed or with one end of the vehicle raised and the opposite end on a towing dolly.

If flatbed equipment is not available, and the transfer case is operable, vehicles **with a two-speed transfer case** may be towed (in the forward direction, with **ALL** wheels on the ground), IF the transfer case is in NEUTRAL (N) and the transmission is in PARK.

Vehicles equipped with a single-speed transfer case have no NEUTRAL (N) position, and therefore **must** be towed will all four wheels **OFF** the ground.

CAUTION!

- Front or rear wheel lifts must not be used (if the remaining wheels are on the ground). Internal damage to the transmission or transfer case will occur if a front or rear wheel lift is used when towing.
- Towing this vehicle in violation of the approved requirements can cause severe transmission and/or transfer case damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Emergency Tow Hooks — If Equipped

If your vehicle is equipped with tow hooks, there will be two mounted on the front of the vehicle and one in the rear. The rear tow hook will be located on the driver's side of the vehicle.

CAUTION!

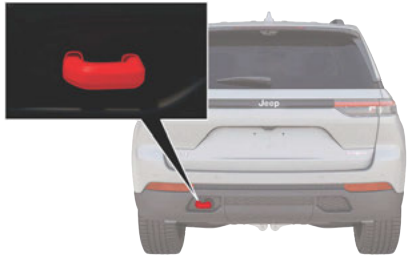
Tow hooks are for emergency use only, to rescue a vehicle stranded off road. Do not use tow hooks for tow truck hookup or highway towing. You could damage your vehicle.



Front Tow Hooks

NOTE:

For off road recovery, it is recommended to use both of the front tow hooks to minimize the risk of damage to the vehicle.



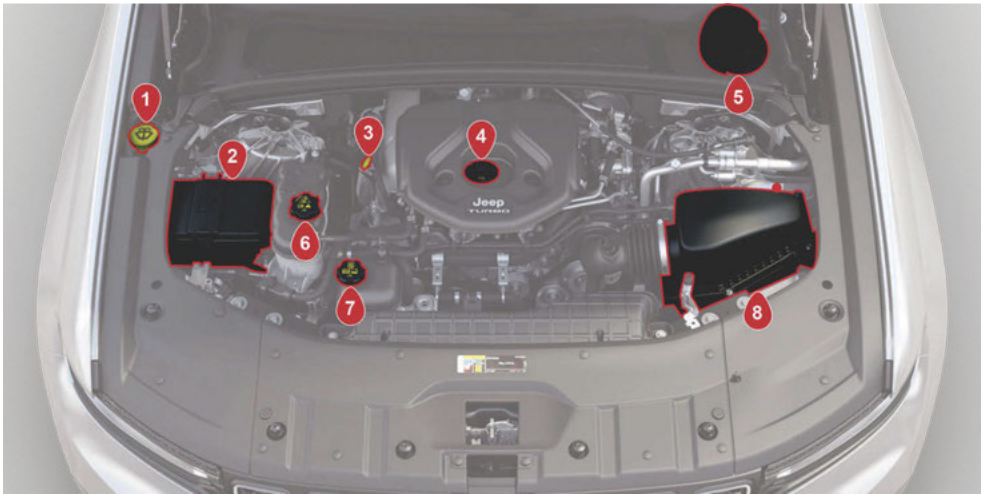
Rear Tow Hook

WARNING!

- Do not use a chain for freeing a stuck vehicle. Chains may break, causing serious injury or death.
- Stand clear of vehicles when pulling with tow hooks. Tow straps may become disengaged, causing serious injury.

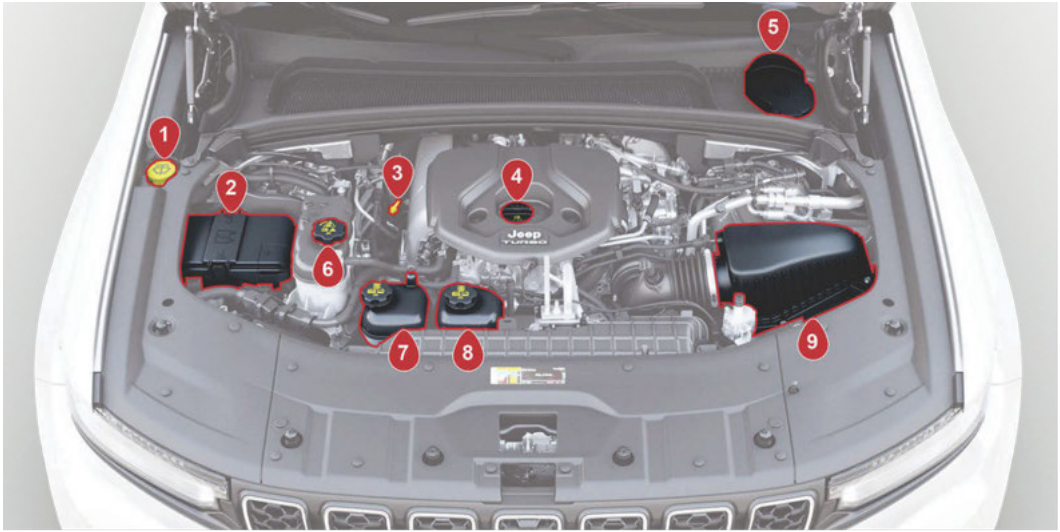
ENGINE COMPARTMENT

2.0L Engine — Gas Models



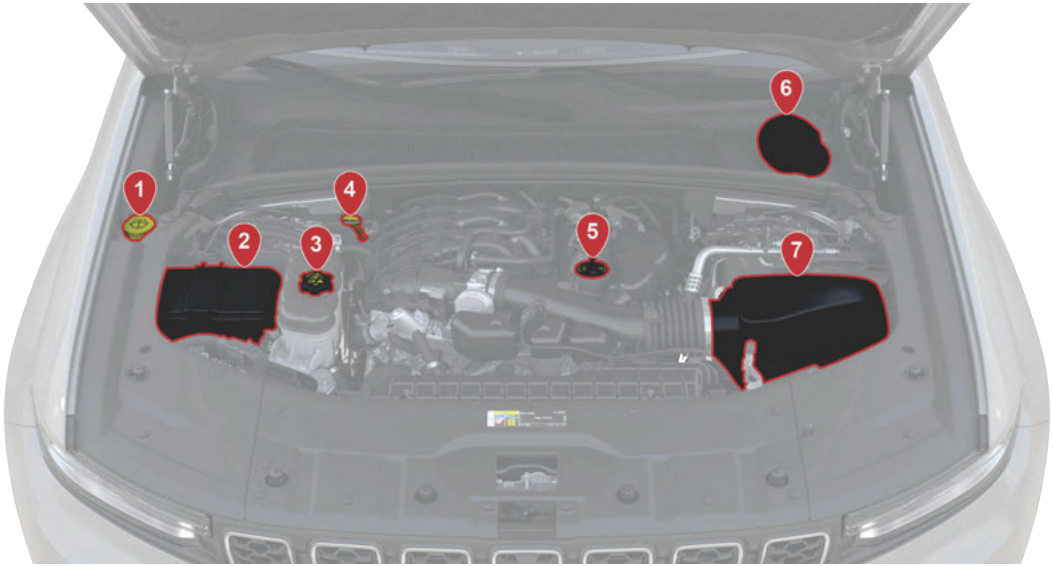
1 — Washer Fluid Reservoir Cap
2 — Power Distribution Center (Fuses)
3 — Engine Oil Dipstick
4 — Engine Oil Fill
5 — Brake Fluid Reservoir Access
6 — Engine Coolant Pressure Cap
7 — Intercooler Coolant Reservoir Cap
8 — Engine Air Cleaner, Filter

2.0L Engine — Hybrid Models



1 — Washer Fluid Reservoir Cap
2 — Power Distribution Center (Fuses)
3 — Engine Oil Dipstick
4 — Engine Oil Fill
5 — Brake Fluid Reservoir Access
6 — Engine Coolant Reservoir
7 — Intercooler/Power Electronics Coolant Reservoir
8 — Battery Coolant Reservoir
9 — Engine Air Cleaner, Filter

3.6L Engine — Gas Models



1 — Washer Fluid Reservoir Cap
2 — Power Distribution Center (Fuses)
3 — Engine Coolant Pressure Cap
4 — Engine Oil Dipstick
5 — Engine Oil Fill
6 — Brake Fluid Reservoir Access
7 — Engine Air Cleaner, Filter

5.7L Engine — Gas Models



1 — Washer Fluid Reservoir Cap
2 — Power Distribution Center (Fuses)
3 — Engine Coolant Pressure Cap
4 — Engine Oil Fill
5 — Brake Fluid Reservoir Access
6 — Engine Oil Dipstick
7 — Engine Air Cleaner, Filter

FLUID CAPACITIES — GAS MODELS

	US	Metric
Fuel (Approximate)		
All Engines	23 gal	87 L
Engine Oil With Filter		
2.0L Engine Hurricane-4	5 qt	4.7 L
3.6L Engine	5 qt	4.7 L
5.7L Engine	7 qt	6.6 L
Cooling System (heater and coolant recovery bottle filled to MAX level)		
2.0L Engine Hurricane-4	10.4 qt	9.8 L
2.0L Engine Hurricane-4 — Intercooler	4.4 qt	4.2 L
3.6L Engine — Without Trailer Tow Package	11 qt	10.4 L
3.6L Engine — With Trailer Tow Package	11.5 qt	10.9 L
5.7L Engine	15 qt	14.2 L

FLUID CAPACITIES — HYBRID MODELS

	US	Metric
Fuel (Approximate)		
2.0L Hybrid Engine	19 gal	71.9 L

	US	Metric
Engine Oil With Filter		
2.0L Hybrid Engine	5 qt	4.7 L
Cooling System (heater and coolant recovery bottle filled to MAX level)		
2.0L Hybrid Engine	12.4 qt	11.7 L
2.0L Hybrid Engine Intercooler/Power Electronics Coolant (Contact an authorized dealer for service)	5.5 qt	5.2 L
Battery Coolant (Contact an authorized dealer for service)	5.8 qt	5.5 L

ENGINE FLUIDS AND LUBRICANTS — GAS MODELS

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	We recommend using Mopar® Antifreeze/Coolant 10 year/150,000 mile (240,000 km) Formula OAT (Organic Additive Technology) meeting the requirements of the manufacturer Material Standard MS.90032.
Intercooler	We recommend using Mopar® Antifreeze/Coolant 10 year/150,000 mile (240,000 km) Formula OAT (Organic Additive Technology) or equivalent meeting the requirements of the manufacturer Material Standard MS.90032.

Component	Fluid, Lubricant, or Genuine Part
Engine Oil — 2.0L Hurricane-4 Engine	We recommend using Mopar® API SP/GF-6A Certified SAE 5W-30 Full Synthetic Engine Oil which meets the requirements of the manufacturer Material Standard MS-13340. Equivalent full synthetic SAE 5W-30 API SP engine oil can be used but must have the API Donut trademark.
	CAUTION!
	Failure to use the recommended API SP/GF-6A or equivalent oil can cause engine damage not covered by the vehicle warranty.
Engine Oil — 3.6L & 5.7L Engine	We recommend using Mopar® SAE 0W-20 Full Synthetic Engine Oil which meets the requirements of the manufacturer Material Standard MS-6395. Equivalent full synthetic SAE 0W-20 engine oil can be used but must have the API Starburst trademark.
Fuel Selection — 2.0L Hurricane-4 Engine	87 Octane (R+M)/2 Method, 0-15% Ethanol.
Fuel Selection — 3.6L Engine	87 Octane (R+M)/2 Method, 0-15% Ethanol (Do not use E-85).
Fuel Selection — 5.7L Engine	89 Octane Recommended - 87 Octane Acceptable (R+M)/2 Method, 0-15% Ethanol (Do not use E-85).

ENGINE FLUIDS AND LUBRICANTS — HYBRID MODELS

Component	Fluid, Lubricant, or Genuine Part
Engine, Intercooler, Power Electric and Battery Coolant	We recommend using Mopar® Antifreeze/Coolant 10 year/150,000 mile (240,000 km) Formula OAT (Organic Additive Technology) meeting the requirements of the manufacturer Material Standard MS.90032.

Component	Fluid, Lubricant, or Genuine Part
Engine Oil — 2.0L Hybrid Engine	We recommend using Mopar® API SP/GF-6A Certified SAE 5W-30 Full Synthetic Engine Oil which meets the requirements of the manufacturer Material Standard MS-13340. Equivalent full synthetic SAE 5W-30 engine oil can be used if it meets API SP/GF-6A Certification. If API SP/GF-6A or equivalent oil is unavailable then please contact a local dealership for recommendation.
	CAUTION!
	Failure to use the recommended API SP/GF-6A or equivalent oil can cause engine damage not covered by the vehicle warranty.
Engine Oil Filter	We recommend using a Mopar® Engine Oil Filter. If a Mopar® Engine Oil Filter is unavailable only use filters that meet or exceed SAE/USCAR-36 Filter Performance Requirements.
Fuel Selection — 2.0L Hybrid Engine	87 Octane (R+M)/2 Method, 0-15% Ethanol. The use of 91 or higher octane premium gasoline will allow these engines to operate to optimal performance. This increase in performance is most noticeable in hot weather or under heavy load conditions, such as while towing.

CHASSIS FLUIDS AND LUBRICANTS

Component	Fluid, Lubricant, or Genuine Part
Automatic Transmission	Use only Mopar® ZF 8 & 9 Speed ATF Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission.

Component	Fluid, Lubricant, or Genuine Part
Transfer Case — 1-Speed or 2-Speed Transfer Case	We recommend using Mopar® ATF+4 Automatic Transmission Fluid.
Axle Differential (Front-Rear) — Without Electronic Limited Slip Differential (ELSD)	We recommend using Mopar® GL-5 Synthetic Axle Lubricant, SAE 75W-85.
Axle Differential (Rear) — With Electronic Limited Slip Differential (ELSD)	We recommend using Mopar® GL-5 Synthetic Axle Lubricant, SAE 75W-85 with friction modifier additive.
Brake Master Cylinder	We recommend using Mopar® DOT 3 Brake Fluid, SAE J1703.

SERVICING AND MAINTENANCE

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, trailer tow, extremely hot or cold ambient temperatures, and E85 fuel usage will influence when the "Oil Change Required" message is displayed. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

An authorized dealer will reset the oil change indicator message after completing the scheduled oil change.

NOTE:
Under no circumstances should oil change intervals exceed 10,000 miles (16,000 km), 12 months or 350 hours of engine run time, whichever comes first. The 350 hours of engine run or idle time is generally only a concern for fleet customers.

Once A Month Or Before A Long Trip:

- Check the engine oil level
- Check the operation of the interior and exterior lights
- Check the 12V battery terminals, cables and connections
- Check the brake pads, rotors, brake operation and fluid level
- Check the steering, suspension, axle boots and chassis components
- Check the wiper and washer operation, wiper blades and solvent reservoir
- Check the tire pressure
- Check the cooling system reservoir/s

Maintenance Plan — Gasoline Engines

Refer to the Maintenance Plan for the required maintenance intervals.

At Every Oil Change Interval As Indicated By Oil Change Indicator System
• Change oil and filter.
• Rotate the tires at the first sign of irregular wear, even if it occurs before the oil indicator system turns on.
• Inspect battery and clean and tighten terminals as required.
• Inspect the CV/Universal joints.
• Inspect brake pads, shoes, rotors, drums, hoses and parking brake.
• Inspect engine cooling system protection and hoses.
• Inspect exhaust system.
• Inspect engine air cleaner filter if using in dusty or off-road conditions. Replace engine air cleaner filter, as necessary.

Mileage Or Time Passed (Whichever Comes First)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional Inspections														
Inspect the CV/Universal joints.	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inspect front suspension, tie rod ends, and replace if necessary.	X		X		X		X		X		X		X	
Inspect the front and rear axle fluid, change if using your vehicle for police, taxi, fleet, off-road or frequent trailer towing.		X			X			X			X			X
Inspect the brake linings, parking brake function.	X		X		X		X		X		X		X	
Inspect transfer case fluid.		X			X			X			X			X
Additional Maintenance														
Replace engine air cleaner filter.		X			X			X			X			X
Replace the cabin air filter.	To be replaced every 12,000 miles (19,000 km).													

Mileage Or Time Passed (Whichever Comes First)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Replace spark plugs — 2.0L.					X						X			
Replace spark plugs — 3.6L & 5.7L.[1]									X					
Flush and replace the engine coolant at 10 years or 150,000 miles (240,000 km) whichever comes first.									X					X
Replace accessory drive belt.														X
Inspect accessory drive belt tensioner and pulley, replace if necessary.														X
Change transfer case fluid — Normal Usage.											X			
Change transfer case fluid — Severe Usage (police, taxi, fleet, off-road, or frequent trailer towing.)						X							X	
Replace PCV valve.									X					

[1] The spark plug change interval is mileage-based only, yearly intervals do not apply.

WARNING!
• You can be badly injured working on or around a motor vehicle. Do only service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic. • Failure to properly inspect and maintain your vehicle could result in a component malfunction and affect vehicle handling and performance. This could cause an accident.

Scheduled Servicing — 2.0L Hybrid Engine

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 messageHy will illuminate. This means that service is required for your vehicle. Operating conditions such as frequent short-trips, trailer tow, extremely hot or cold ambient temperatures, and E85 fuel usage will influence when the "Oil Change Required" message is displayed. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

An authorized dealer will reset the oil change indicator message after completing the scheduled oil change.

NOTE:

Under no circumstances should oil change intervals exceed 10,000 miles (16,000 km), 12 months or 350 hours of engine run time, whichever comes first. The 350 hours of engine run or idle time is generally only a concern for fleet customers.

Once A Month Or Before A Long Trip:

- Check engine oil level.
- Check windshield washer fluid level.
- Check the tire inflation pressures and look for unusual wear or damage.
- Check the fluid levels of the coolant reservoir, brake master cylinder and fill as needed.
- Check function of all interior and exterior lights.

Maintenance Plan — Hybrid

Refer to the Maintenance Plan for the required maintenance intervals.

At Every Oil Change Interval As Indicated By Oil Change Indicator System:
• Change oil and filter.
• Rotate the tires at the first sign of irregular wear, even if it occurs before the oil indicator system turns on.

At Every Oil Change Interval As Indicated By Oil Change Indicator System:
• Inspect the 12 Volt battery and clean and tighten terminals as required.
• Inspect the CV/Universal joints.
• Inspect brake pads, shoes, rotors, drums, hoses and parking brake.
• Inspect engine cooling system protection and hoses.
• Inspect exhaust system.
• Inspect engine air cleaner filter if using in dusty or off-road conditions. Replace engine air cleaner filter, as necessary.

Mileage Or Time Passed (Whichever Comes First)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional Inspections														
Inspect the CV/Universal joints.	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inspect front suspension, tie rod ends, and replace if necessary.	X		X		X		X		X		X		X	

Mileage Or Time Passed (Whichever Comes First)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Inspect the front and rear axle fluid, change if using your vehicle for police, taxi, fleet, off-road or frequent trailer towing.		X			X			X			X			X
Inspect the brake linings, parking brake function.	X		X		X		X		X		X		X	
Inspect transfer case fluid.		X			X			X			X			X
Additional Maintenance														
Replace engine air cleaner filter.		X			X			X			X			X
Replace the cabin air filter.	To be replaced every 12,000 miles (19,000 km).													
Replace spark plugs — 2.0L.[2]					X						X			

[2] The spark plug change interval is mileage-based only, yearly intervals do not apply.

Mileage Or Time Passed (Whichever Comes First)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
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
Replace accessory drive belt.														X
Inspect accessory drive belt tensioner and pulley, replace if necessary.														X
Change transfer case fluid - Normal Usage.											X			
Change transfer case fluid — Severe Usage (police, taxi, fleet, off-road, or frequent trailer towing.)						X							X	
Replace PCV valve.									X					

WARNING!

- You can be badly injured working on or around a motor vehicle. Do only service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.
- Failure to properly inspect and maintain your vehicle could result in a component malfunction and affect vehicle handling and performance. This could cause an accident.

Oil Change Reset

- Your vehicle is equipped with an engine oil change indicator system. The change oil message will display in the instrument cluster display for five seconds after a single chime has sounded, to indicate the next scheduled oil change. The engine oil change indicator system is duty cycle based, which means the engine oil change interval may fluctuate, depending 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 after performing the scheduled maintenance, refer to the following procedure:

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

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

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. You should avoid wide-open throttle acceleration in low gear as it can be detrimental.

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.

CAUTION!

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

Trailer Towing Weights (Maximum Trailer Weight Ratings)

To maintain the New Vehicle Limited Warranty coverage, follow the requirements and recommendations in your Owner's Manual concerning vehicles used for trailer towing.

Grand Cherokee — 2nd Row Seats

Engine	Model	GCWR	Frontal Area	Maximum GTW	Maximum Trailer TW (See Note)
2.0L	AWD Without Trailer Tow Prep Group	9,625 lb (4,366 kg)	30 sq ft (2.79 sq m)	3,500 lb (1,588 kg)	350 lb (159 kg)
2.0L	AWD With Trailer Tow Prep Group	12,125 lb (5,568 kg)	40 sq ft (3.72 sq m)	6,000 lb (2,722 kg)	600 lb (272 kg)
3.6L	AWD Without Trailer Tow Prep Group	8,600 lb (3,901 kg)	30 sq ft (2.79 sq m)	3,500 lb (1,588 kg)	350 lb (159 kg)
3.6L	AWD With Trailer Tow Prep Group	11,300 lb (5,126 kg)	40 sq ft (3.72 sq m)	6,200 lb (2,812 kg)	620 lb (281 kg)
3.6L	RWD Without Trailer Tow Prep Group	8,500 lb (3,856 kg)	30 sq ft (2.79 sq m)	3,500 lb (1,588 kg)	350 lb (159 kg)
3.6L	RWD With Trailer Tow Prep Group	11,200 lb (5,080 kg)	40 sq ft (3.72 sq m)	6,200 lb (2,812 kg)	620 lb (281 kg)
5.7L	AWD With Trailer Tow Prep Group	12,700 lb (5,761 kg)	40 sq ft (3.72 sq m)	7,200 lb (3,266 kg)	720 lb (327 kg)
Refer to local laws for maximum trailer towing speeds.					

Grand Cherokee L — 3rd Row Seats

Engine	Model	GCWR	Frontal Area	Maximum GTW	Maximum Trailer TW (See Note)
3.6L	RWD Without Trailer Tow Prep Group	9,000 lb (4,082 kg)	30 sq ft (2.79 sq m)	3,500 lb (1,588 kg)	350 lb (159 kg)
3.6L	RWD With Trailer Tow Prep Group	11,700 lb (5,307 kg)	40 sq ft (3.72 sq m)	6,200 lb (2,812 kg)	620 lb (281 kg)
3.6L	AWD Without Trailer Tow Prep Group	9,000 lb (4,082 kg)	30 sq ft (2.79 sq m)	3,500 lb (1,588 kg)	350 lb (159 kg)
3.6L	AWD With Trailer Tow Prep Group	11,700 lb (5,307 kg)	40 sq ft (3.72 sq m)	6,200 lb (2,812 kg)	620 lb (281 kg)
5.7L	AWD With Trailer Tow Prep Group	13,100 lb (5,942 kg)	40 sq ft (3.72 sq m)	7,200 lb (3,266 kg)	720 lb (327 kg)
Refer to local laws for maximum trailer towing speeds.					

Grand Cherokee 4xe

Model	GCWR	Frontal Area	Maximum GTW	Maximum Trailer TW
Hybrid 4x4 - Limited/Overland/TrailHawk/Summit With Trailer Tow Prep Group	12,125 lb (5,568 kg)	55 ft^2 (5.11 m^2)	6,000 lb (2,722 kg)	600 lb (272 kg)
Hybrid 4x4 - Limited/Overland/TrailHawk/Summit Without Trailer Tow Prep Group	9,625 lb (4,366 kg)	30 ft^2 (2.79 m^2)	3,500 lb (1,588 kg)	350 lb (159 kg)
Refer to local laws for maximum trailer towing speeds.				

NOTE:

- The trailer tongue weight must be considered as part of the combined weight of occupants and cargo, and should never exceed the weight referenced on the Tire And Loading Information Placard. The addition of passengers and cargo may require reducing trailer tongue weight and Gross Trailer Weight (GTW). Redistributing cargo (to the trailer) may be necessary to avoid exceeding Rear Gross Axle Weight Rating (GAWR).
- Vehicles not factory-equipped with the trailer tow package are limited to 3,500 lb (1,588 kg) GTW and 350 lb (158 kg) TW.

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DRIVING AND ALCOHOL

Drunk driving is one of the most frequent causes of accidents. Your driving ability can be seriously impaired with blood alcohol levels far below the legal minimum. If you are drinking, don't drive. Ride with a designated non-drinking driver, call a cab, a rideshare, a friend or use public transportation.

WARNING

Driving after drinking can lead to an accident. Your perceptions are less sharp, your reflexes are slower and your judgment is impaired when you have been drinking. Never drink and then drive.



The driver's primary responsibility is the safe operation of the vehicle. Driving while distracted can result in loss of vehicle control, resulting in an accident and personal injury. FCA US LLC strongly recommends that the driver use extreme caution when using any device or feature that may take their attention off the road. Use of any electrical devices, such as cellular telephones, computers, portable radios, vehicle navigation or other devices by the driver while the vehicle is moving is dangerous and could lead to a serious accident. Texting while driving is also dangerous and should never be done while the vehicle is moving. If you find yourself unable to devote your full attention to vehicle operation, pull off the road to a safe location and stop your vehicle. Some states or provinces prohibit the use of cellular telephones or texting while driving. It is always the driver's responsibility to comply with all local laws. This Owner Handbook has been prepared to help you get acquainted with your new Jeep® brand vehicle and to provide a convenient reference source for common questions. Not all features shown in this manual may apply to your vehicle. For additional information, visit **mopar.com/om** (USA), **owners.mopar.ca** (Canada) or your local Jeep® brand dealer.



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