

A blue Jeep Wrangler Rubicon is shown from a front-three-quarter perspective, driving on a dirt road that curves into the distance. The vehicle has a black roof rack, a black front bumper with a winch, and 'RUBICON' lettering on the side. The driver is visible through the windshield. The background consists of dry, brushy terrain.

WRANGLER

2024 OWNER HANDBOOK

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, Battery Jump Assistance, Lockout Service and Towing Service

Please see the Customer Assistance chapter in this Owner Handbook for further information.

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.

⚠ 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.



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.



1

INTRODUCTION
Page 4



2

INTERIOR
Page 9



3

EXTERIOR
Page 38



4

EMERGENCY
Page 57



5

SPECIFICATIONS
Page 73



6

INDEX
Page 97

INTRODUCTION

OWNER HANDBOOK INTRODUCTION	4
SYMBOLS KEY	4
CUSTOMER ASSISTANCE	5
FCA US LLC Customer Center	5
FCA Canada Customer Care	5
Mexico	5
Puerto Rico And US Virgin Islands	5
Roadside Assistance	5
Customer Assistance For The Hearing Or Speech Impaired (TDD/TTY)	5
Service Contract	6
Warranty Information	6
Ordering and Accessing Additional Owner's Information	6
Change Of Ownership Or Address	7
General Information	7

INTERIOR

INTERIOR OVERVIEW	9
STARTING AND OPERATING	10
Keyless Enter 'n Go™ — Passive Entry	10
Keyless Enter 'n Go™ — Ignition (Hybrid Models)	10
Stop/Start System	12
MULTIMEDIA & PHONE CONNECTIVITY	12
Uconnect System	12
Uconnect Settings	12
Pair/Delete A Device	13
Apple CarPlay®	14

Android Auto™	14
Uconnect Voice Recognition — If Equipped	14
Off-Road Pages	15
CHARGING & OUTLETS	15
Electrical Power Outlets	15
USB	16
INSTRUMENT CLUSTER	18
Getting To Know Your Instrument Cluster	18
Getting To Know Your Instrument Cluster — Hybrid Only	19
Instrument Cluster Display Location And Controls	20
Warning Lights And Messages	20
Drowsy Driver Detection (DDD) — If Equipped	25
INTERIOR COMFORT SETTINGS	25
Climate Controls	25
Automatic Climate Control Descriptions And Functions	25
Automatic Temperature Control (ATC)	27
Climate Voice Recognition	27
Front Heated Seats	27
Power Front Seats Adjustment	27
Head Restraints	28
LIGHTING OPERATION	29
Headlight Switch	29
Automatic High Beams	29
Automatic Headlights	30
WINDSHIELD WIPERS & WASHERS	30
Windshield Wiper Operation	30

CRUISE CONTROL SYSTEMS	31
Adaptive Cruise Control (ACC)	31
GARAGE DOOR OPENER (HOMELINK®)	33
Troubleshooting Tips	34
PARKING ASSISTANCE	34
ParkSense Rear Park Assist System	34
OFFROAD FEATURES	35
Axle Lock (Tru-Lok) Front And Rear — If Equipped	35
Axle Lock (Tru-Lok) Rear Only — If Equipped	36
Electronic Sway Bar Disconnect — If Equipped	36
Off Road+ — If Equipped	37

EXTERIOR

EXTERIOR OVERVIEW	38
EXTERIOR CAMERA VIEWS	39
Back Up Camera	39
HOOD	39
To Open The Hood	39
To Close The Hood	40
REFUELING THE VEHICLE	40
REFUELING THE VEHICLE — HYBRID	41
HIGH VOLTAGE BATTERY	43
Battery Conditioning	44
Power Box — If Equipped	45
Regenerative Braking System (RBS)	47
E-Selec Mode	47

HIGH VOLTAGE CHARGING OPERATION	48
SAE J1772 Charging Inlet	48
AC Level 1 Charging (120 Volt, 12 Amp)	48
AC Level 2 Charging (240 Volt, 40 Amp)	53
Charging Times	53
Vehicle Charge Indicators	53
Hybrid Electric Pages	54
e-Save	56
Charge Settings — If Equipped	56

EMERGENCY

SOS AND ASSIST SYSTEM — IF EQUIPPED	57
JACKING AND TIRE CHANGING	59
Preparations For Jacking	59
Jack Location	59
Spare Tire Removal	60
Jacking Instructions	60
JUMP STARTING — GAS MODELS	63
Preparations For Jump Starting — Gas	
Models	64
Jump Starting Procedure — Gas Models	64
JUMP STARTING — HYBRID MODELS	66
Preparations For Jump Starting —	
Hybrid Models	66
Jump Starting Procedure — Hybrid	
Models	67
FREEING A STUCK VEHICLE	68
TOWING A DISABLED VEHICLE	69
Towing In An Emergency	70

SPECIFICATIONS

ENGINE COMPARTMENT OVERVIEW	73
2.0L Engine	73
2.0L Hybrid Engine	74
3.6L Engine	75
6.4L Engine	76
FLUID CAPACITIES	77
ENGINE FLUIDS AND LUBRICANTS	79
CHASSIS FLUIDS AND LUBRICANTS	81
SERVICING AND MAINTENANCE	83
Scheduled Servicing — 2.0L and 3.6L	
Engines	83
Scheduled Servicing — 6.4L	88
Oil Change Reset	93
Engine Break-In Recommendations	94
Engine Break-In Recommendations —	
6.4L Engine	94
TRAILER TOWING	95

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.

Mobile App:



To access your complete Owner's Manual online: www.mopar.com



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 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 vitally interested in your satisfaction. We want you to be happy with our products and services.

Warranty service must be done by an authorized dealer. We strongly recommend that you take the vehicle to an authorized dealer 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

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

Phone: (800) 465-2001 English / (800)

387-9983 French

MEXICO

Customer Relations Office

Av. Prolongacion Paseo de la Reforma, 1240

Sante Fe C.P. 05109

Mexico, CDMX

In Mexico City: 800-505-1300

Outside Mexico City: +(52) 55 50817568

PUERTO RICO AND US VIRGIN ISLANDS

Customer Service

FCA Caribbean LLC

P.O. Box 191857

San Juan 00919-1857

Phone: (877) 426-5337

ROADSIDE ASSISTANCE

Call 1-800-521-2779 or visit

[chrysler.rsahelp.com\(USA\)](http://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 number 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.
- Battery Jump Assistance
- Lockout Service
- Towing Service

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 Mopar® 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 Mopar® 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).

Mopar Vehicle Protection Plans offer valuable protection against repair costs after your vehicle warranties have expired. Mopar 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.

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).



ORDERING AND ACCESSING ADDITIONAL OWNER'S INFORMATION

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

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

These Owner's Manuals have been prepared with the assistance of service and engineering specialists to acquaint you with specific FCA vehicles.

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 Manuals, Radio Manuals and Warranty Information Books 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:

Harman International Industries, Inc. 30001 Cabot Drive - Novi, MI 48377 Digital Transmission System Model: R1 EXT NA 3B MY22, R1 EXT NA 3B MY22, R1 INT NA 3B MY22 Automotive Infotainment Unit with Bluetooth/WLAN- FC C15/15E Range (MHZ) 2412.0 - 2462.0 /5180.0 - 5240.0/5745.0 - 5825.0 This device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter, except the collocation as described in this filing and/or in accordance with FCC multi-transmitter product guidelines.

End-users and installers must be provided with installation and operating instructions for satisfying RF exposure compliance requirements. FCC ID information to be provided on the product label: 6434C-BE2857, 2AHPN-BE2857, 2AHPN-BE2862 CANADA: Harman International Industries, Inc. 30001 Cabot Drive Novi, MI 48377 Model: R1 EXT NA 3B MY22, R1 EXT NA 3B MY22, R1 INT NA 3B MY22 FCC Part 15.19 Labelling requirements.

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

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

Le présent appareil est conforme aux CNR d'Industrie Canada 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. FCC ID information to be provided on the product label: 6434C-BE2857, 2AHPN-BE2857, 2AHPN-BE2862.

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.

INTERIOR OVERVIEW



1 — Garage Door Opener (HomeLink*) ➞ page 33

2 — Assist & SOS Buttons ➞ page 57

3 — Instrument Cluster Controls ➞ page 20

4 — Instrument Cluster Display ➞ page 20

5 — Windshield Wipers and Washers ➞ page 30

6 — Uconnect Radio Screen Display ➞ page 12

7 — Headlight Switch ➞ page 29

8 — Uconnect Voice Command Buttons ➞ page 14

9 — Cruise Control Buttons ➞ page 31

10 — Climate Controls ➞ page 25

11 — Keyless Push Button Ignition ➞ page 10

12 — Stop/Start Off Switch ➞ page 12

13 — USB/AUX Media Hub ➞ page 16

STARTING AND OPERATING

KEYLESS ENTER 'N GO™ — PASSIVE ENTRY

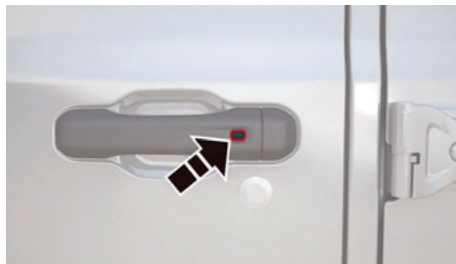
Keyless Enter 'n Go™ — Passive Entry allows you to lock and unlock the vehicle's door(s) and swing gate without having to push the key fob lock or unlock buttons.

To Unlock/Lock The Vehicle's Doors And Swing Gate

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 swing gate.



With a valid Passive Entry key fob on you, push the Passive Entry lock button on the door handle to lock the vehicle and the swing gate.



Push The Door Handle Button 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

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

If the vehicle's ignition is in either ACC or RUN, the vehicle charge indicator may not display a value greater than 99% state of charge due to vehicle loads.

OFF

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

ACC

- Some electrical devices are available (e.g. power windows).
- Mechanical power (vehicle propulsion) is not available.

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

(Continued)

WARNING!

- 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

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.



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.

How To Turn Off The Stop/Start System

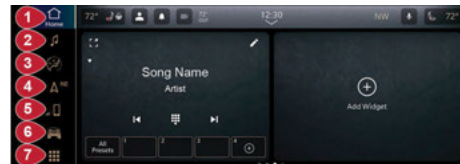
Did you know you can manually turn off your Stop/Start system?

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.

MULTIMEDIA & PHONE CONNECTIVITY

UCONNECT SYSTEM

Did you know that you have access to the latest in Uconnect technology in your vehicle? The following sections will get you started on how you can start utilizing it.



Uconnect 5/5 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 5/5 NAV With 12.3-inch 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 Forward Collision

Warning features? Within the Safety/Driving Assistance setting, you can customize both the warning and sensitivity for your Forward Collision Warning detection.

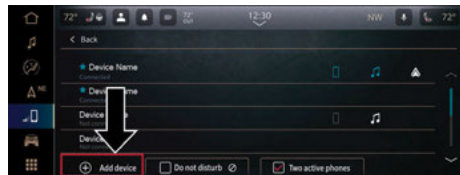
- **Phone/Bluetooth®** — Do you have your phone paired to your Uconnect system yet? Press the Phone/Bluetooth® button to begin the phone pairing process.
- **Camera** — Pressing the Camera button on the touchscreen will display settings related to the vehicle's cameras. A couple of these settings are “ParkView Backup Camera Delay” and “Forward Facing Camera Guidelines”.
- **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.

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





Uconnect 5/5 NAV Pairing A Phone

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®

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 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 cellular data is turned on and 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™

Android Auto provides a seemingly experience by connecting your phone right to your vehicle. Plug your phone into the USB port to start listening 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

Did you know 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 your Uconnect system.

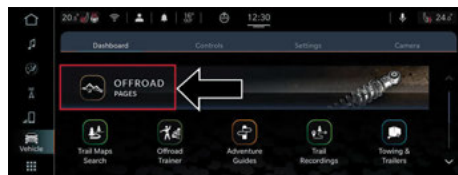
Push the VR button  or, for the Uconnect 5/5 NAV, say the vehicle's "Wake Up" word, "Hey, Uconnect". After the beep, say:

- **"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 you of your VR system's status on your Uconnect system.

OFF-ROAD PAGES

Off-Road Pages is an application that provides vehicle status information while operation in off-road conditions. It supplies information relating to the status of the drivetrain, transfer case, coolant/oil gauges, pitch and roll of the vehicle and access to the trailcam system.



Uconnect 5/5 NAV Off-Road Pages

To access the Off-Road Pages:

1. Press the Apps button on the touchscreen.
2. Press "Off-Road Pages".
3. Press the desired button on the touchscreen to access that specific option within the Off-Road Pages.

CHARGING & OUTLETS

ELECTRICAL POWER OUTLETS

Your 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.

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

- On the instrument panel, beneath your Climate Control buttons
- On the trim in the rear cargo area
- On the back of the center console



Instrument Panel Power Outlet



Rear Cargo Area Power Outlet



Rear Center Console Power Inverter

NOTE:

- Do not connect any of your devices that have a power rating higher than 180 W to the outlet. Do not use power adapters that do not fit the outlet as this may damage it.
- 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.

(Continued)

WARNING!

- Do not touch with wet hands.
- Close the lid when not in use and while driving the vehicle.
- If this outlet is mishandled, it may cause an electric shock and failure.

CAUTION!

- 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.

(Continued)

CAUTION!

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

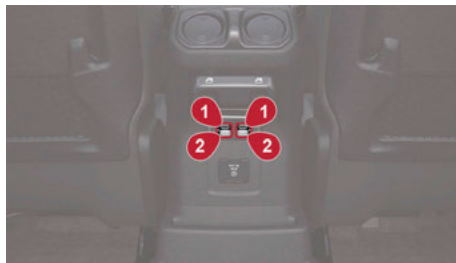
USB

Your vehicle may be equipped with two USB ports and one AUX port located on the instrument panel below the climate controls. Your vehicle may also be equipped with USB ports located behind the center stack, above the power inverter.



Front USB/AUX Ports

- 1 — AUX Port
 - 2 — USB Type C
 - 3 — USB Type A
-



Rear Charge-Only USB Ports

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

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.

INSTRUMENT CLUSTER

GETTING TO KNOW YOUR INSTRUMENT CLUSTER



1. Tachometer:

Indicates the engine speed in revolutions per minute (RPM x 100).

2. Temperature Gauge:

The temperature gauge shows engine coolant temperature. Any reading within the normal range indicates that the engine is operating satisfactorily.

3. Instrument Cluster Display:

When the appropriate conditions exist, this display shows the instrument cluster display messages.

The display always shows one of the main menu items after ignition is placed on.

4. **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.

5. **Speedometer:**

Indicates vehicle speed.

GETTING TO KNOW YOUR INSTRUMENT CLUSTER — HYBRID ONLY



1. **Tachometer:**

Indicates the engine speed in revolutions per minute (RPM x 1000).

2. **Engine Coolant Temperature:**

This gauge shows the engine coolant temperature. The gauge pointer will likely show higher temperatures when driving in hot weather, up mountain grades, or in heavy stop and go traffic. If the red Warning Light turns on while driving, safely bring the vehicle to a stop, and turn off the engine. DO NOT operate the vehicle until the cause is corrected.

3. **Instrument Cluster Display:**

The instrument cluster display features a driver interactive display. When the appropriate conditions exist, this display shows messages.

4. **Fuel Gauge:**

The pointer shows the level of fuel in the fuel tank when the ignition is in the ON/RUN position.



The fuel pump symbol points to the side of the vehicle where the fuel door is located.

5. **Power/Charge Gauge:**

This gauge represents the source of the power utilized to accelerate the vehicle.

The green outer ring represents the High Voltage (HV) battery output during acceleration and input power during regeneration.

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 instrument cluster display control buttons located on the left side of 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.

WARNING LIGHTS AND MESSAGES

These symbols are Warning/Indicator lights that illuminate to signify various conditions with your vehicle, ranging from potentially critical faults to merely informing you that a feature has been engaged. Warning and Indicator Lights are different based upon equipment options and current vehicle status. Some telltales are optional and may not appear.

NOTE:

For more information about warning lights, indicators and messages (including “service transmission”) please see your owners manual.

Warning & Indicator Lights

If any of the **Warning Lights** illuminate in your cluster, a condition may need to be corrected or your vehicle may require service. In these situations it is recommended that you contact your local authorized dealer to schedule service.

The **Indicator Lights** illuminate in your cluster to indicate a feature is active.

Warning Lights					
	Air Bag		Battery Charge		Brake
	Door Open		Electric Power Steering (EPS) Fault		Electronic Throttle Control (EPS) Fault
	Engine Coolant Temperature		Hood Open		Oil Pressure
	Oil Temperature		Seat Belt Reminder		Swing Gate Open
	Transmission Temperature		Vehicle Security		Adaptive Cruise Control (ACC) Fault

Warning Lights					
	Anti-Lock Brake System (ABS)		Cruise Control Fault		Electric Park Brake (EPB)
	Electronic Stability Control (ESC) Active Warning		Engine Check/Malfunction)		Fuel Level Sensor Failure
	LaneSense		Loose Fuel Filler Cap		Low Fuel
	Low Washer Fluid		Service 4WD		Service Forward Collision Warning (FCW)
	Service LaneSense		Service Stop/Start System		Sway Bar Fault Warning Light
	Tire Pressure Monitoring System (TPMS)		Traffic Sign Recognition (TSR) Fault Warning Light		

Hybrid Warning Lights					
	Service Hybrid System Warning		Torque Limited Warning		Plug Status Fault Warning
	Traction Battery Fault Warning				

Indicator Lights					
	4WD Indicator Light		4WD Low Indicator Light		4WD Part Time Indicator Light
	Axle Locker Fault Indicator Light		Electronic Stability Control (ESC) Off		Forward Collision Warning (FCW) Off
	Front And Rear Axle Lock Indicator Light		Gear Shift Indicator Light		Neutral Indicator Light
	Off Road+ Indicator Light		Rear Axle Lock Indicator Light		Sway Bar Indicator Light

Indicator Lights					
	Stop/Start Active		Cruise Control Set		Turn Signal
	Adaptive Cruise Control (ACC) Set With Target		Adaptive Cruise Control (ACC) Set With No Target Detected		Front Fog Lights
	Parking/Headlights On		LaneSense		Cruise Control Ready Indicator Light
	2WD High Indicator Light		Adaptive Cruise Control (ACC) Ready		Cruise Control Ready
	Hill Descent Control (HDC)		LaneSense		Selec-Speed Control
	High Beam				

Hybrid Indicator Lights					
	Max Regeneration Indicator Light		Plug Status Indicator		Ready To Drive Indicator Light

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

(Continued)

WARNING!

driving the vehicle. If you experience fatigue while driving, pull over safely for a break without waiting for the DDD warnings. Only return to the road when you are in the right physical and mental condition to prevent endangering yourself and other drivers.

INTERIOR COMFORT SETTINGS

CLIMATE CONTROLS

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



Uconnect 5/5 NAV Automatic Climate Controls

AUTOMATIC CLIMATE CONTROL DESCRIPTIONS AND FUNCTIONS

MAX A/C Button



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

A/C Button



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.

Auto Button



Push the button after setting your desired temperature and the system will maintain the set temperature.

Front Defrost Button



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

Rear Defrost Button



Push the 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.

SYNC Button



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



Panel Mode



Bi-Level Mode



Floor Mode



Mix Mode

Climate Control OFF Button



Press the button to turn the climate control system off.

AUTOMATIC TEMPERATURE CONTROL (ATC)

Automatic Operation

1. Push the AUTO button on the faceplate or the AUTO button on the touchscreen.
2. Select the desired temperature using the toggle switches or the touchscreen. The system then achieves and automatically maintains that comfort level.

NOTE:

There will be no need for you to move the temperature settings for cold or hot vehicles. The system automatically adjusts the temperature, mode, and blower speed to provide comfort as quickly as possible.

Manual Operation Override

Your 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.

CLIMATE VOICE RECOGNITION

You can adjust your 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"

Did you know: Voice Recognition for Climate may only be used to adjust the interior temperature of your vehicle. Voice Recognition will not work to adjust the heated seats or steering wheel.

FRONT HEATED SEATS



The heated seat control buttons are located on the center instrument panel below the touchscreen and also in the Climate Control touchscreen menu. 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.

POWER FRONT SEATS ADJUSTMENT

The power seat switch and power seat recline switch are located on the outboard side of the seat near the floor. Use the power seat switch to adjust seat height, angle, or forward/rearward position. Use the power seat recline switch to adjust the angle of the seatback.

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 — Power Lumbar Switch
- 2 — Power Seat Switch
- 3 — Power Recline 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.

HEAD RESTRAINTS

Did you know your vehicle is equipped with front driver and passenger head restraints that can be adjusted two different ways?

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



Head Restraint Buttons

- 1 — Removal Button
- 2 — Adjustment Button

- 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, while pushing downward on the head restraint.

Rear Head Restraints - Two Door Vehicles

The rear seat is equipped with non-adjustable, but foldable head restraints.



Rear Outboard Head Restraint Strap

To fold the outboard head restraint, pull on the release strap located on the upper outboard side of each rear seat. To fold the outboard head restraint, pull on the release strap located on the upper outboard side of each rear seat.

Rear Head Restraints - Four Door Vehicles

The rear seat is equipped with nonadjustable, but foldable, outboard head restraints, as well as an adjustable, removable center head restraint.

Outboard Head Restraints



Rear Outboard Head Restraint Lever

To fold the outboard head restraint, pull on the inner release lever, located on the upper part of the rear seat. To return the head restraint to its upward position, lift up on the head restraint until it locks into place.

Center Head Restraint

To raise the center head restraint, lift up on the head restraint. To lower the center head restraint, push the adjustment button, located at the base of the head restraint, and push down on the head restraint.

To remove the center head restraint, push the release button, located on the base of the head restraint, and pull upward on the head restraint.

To install the head restraint, hold the release button while pushing downward on the head restraint.

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 Fog Light Switch
- 3 — Instrument Panel Dimmer Control

Rotate the headlight control knob to select one of the available positions: O (off), parking lights, headlights on, and AUTO headlights.

NOTE:

Vehicles sold in Canada are not equipped with the O (off) position.

AUTOMATIC HIGH BEAMS

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

The Automatic High Beam Headlight Control can be turned on or off by selecting “ON” under “Auto High Beam” within your Uconnect Settings, as well as turning the headlight switch to the AUTO position and placing the multifunction lever in 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.

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.



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.

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.

CRUISE CONTROL SYSTEMS

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

- Cruise Control will keep your vehicle at a constant preset speed.
- Adaptive Cruise Control (ACC) will adjust the vehicle speed up to the preset speed to maintain a distance with the vehicle ahead.

NOTE:

In vehicles equipped with ACC, if ACC is not enabled, Fixed Speed Cruise Control will not detect vehicles directly ahead of you. Only one Cruise Control feature can operate at a time.



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.
- The ACC system:
 - Does not react to pedestrians, oncoming vehicles, and stationary objects (e.g., a stopped vehicle in a traffic jam or a disabled vehicle).
 - Cannot take street, traffic, and weather conditions into account, and may be limited upon adverse sight distance conditions.

(Continued)

WARNING!

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

(Continued)

WARNING!

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.

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



Adaptive Cruise Control Buttons

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

● To Activate/Deactivate

- Push and release the Adaptive Cruise Control (ACC) on/off button.

WARNING!

Leaving the Adaptive Cruise Control (ACC) system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have a collision. Always leave the system off when you are not using it.

● To Set A Desired ACC Speed

- When the vehicle reaches the speed desired, push the SET (+) button or the SET (-) button and release. The instrument cluster display will show the set speed.

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 vehicle ahead. Always be aware which mode is selected.

● To Deactivate

- To turn the system off, push and release the Adaptive Cruise Control (ACC) on/off button again, or by placing your vehicle's ignition in the OFF position.

● To Resume Speed

- If ACC was canceled, and there is a set speed in memory, push the RES (resume) button.

WARNING!

The Resume function should only be used if traffic and road conditions permit. Resuming a set speed that is too high

(Continued)

WARNING!

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

- To increase the distance setting, push the Distance Setting Increase button and release. Each time the button is pushed, the distance setting increases by one bar (longer).
- To decrease the distance setting, push the Distance Setting Decrease button and release. Each time the button is pushed, the distance setting decreases by one bar (shorter).

GARAGE DOOR OPENER (HOMELINK®)

The HomeLink® buttons are located on the sun visor and contain three optional HomeLink® channels.



HomeLink® Buttons

- **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 REAR PARK ASSIST SYSTEM

Did you know you can enable and disable the ParkSense system using the ParkSense switch, located in front of the center console, below the climate controls?



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.

CAUTION!

- ParkSense is only a parking aid and it is unable to recognize every obstacle,

(Continued)

CAUTION!

- including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.
- The vehicle must be driven slowly when using ParkSense in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using ParkSense.

OFFROAD FEATURES

AXLE LOCK (TRU-LOK) FRONT AND REAR — IF EQUIPPED

The AXLE LOCK switch is located on the instrument panel (to the right of the steering column).



Axle Lock Switch Panel

This feature will only activate when the following conditions are met:

- Ignition in RUN position, vehicle in 4L.
- Vehicle speed should be 10 mph (16 km/h) or less.
- Both right and left wheels on axle are at the same speed.

To activate the system, push the AXLE LOCK switch down to lock the rear axle only, push the switch up to lock the front axle and rear axle. When the rear axle is locked, pushing the bottom of switch again will lock or unlock the front axle.

To unlock the axles, push the AXLE LOCK OFF button.

Axle Lock will disengage if the vehicle is taken out of 4L, or the ignition switch is turned to the OFF position. The Axle Lock disengages at speeds above 30 mph (48 km/h), and will automatically re-lock once vehicle speed is less than 10 mph (16 km/h).

AXLE LOCK (TRU-LOK) REAR ONLY — IF EQUIPPED

The rear axle may be locked in 4H if the proper conditions are met.

The AXLE LOCK switch is located on the instrument panel (to the right of the steering column).



WARNING!

This mode is intended for off-highway or off-road use only and should not be used on any public roadways.



Axle Lock Switch Panel

This feature will only activate when the following conditions are met:

- Ignition in RUN position, vehicle in 4H.
- The vehicle must be in Off Road+ active.
- Vehicle must be in ESC "Full Off" mode.
- Vehicle must not be actively in a high wheel slip or tight cornering condition.

To activate the system, push the AXLE LOCK switch down to lock the rear axle only. To unlock the rear axle, push the AXLE LOCK OFF button.

Axle Lock will disengage if the vehicle is taken out of 4H, Off Road+ is turned off by the driver, ESC "Full Off" is exited, or the ignition switch is turned to the OFF position. The rear Axle Lock system may temporarily disengage the rear locker under some conditions.

ELECTRONIC SWAY BAR DISCONNECT— IF EQUIPPED

Your vehicle may be equipped with an electronic disconnecting stabilizer/sway bar.

Push the SWAY BAR switch to activate the system. Push the switch again to deactivate the system. The Sway Bar Indicator Light (located in the instrument cluster) will illuminate when the bar is disconnected. The Sway Bar Indicator Light will flash during activation transition, or when activation conditions are not met. The stabilizer/sway bar should remain in on-road mode during normal driving conditions.





SWAY BAR Switch

WARNING!

Ensure the stabilizer/sway bar is reconnected before driving on hard surfaced roads or at speeds above 18 mph (29 km/h); a disconnected stabilizer/sway bar may contribute to the loss of vehicle control, which could result in serious injury. Under certain circumstances, the front stabilizer/sway bar enhances vehicle stability and assists with vehicle control. The system monitors vehicle speed and will attempt to reconnect the stabilizer/sway bar at speeds over 18 mph (29 km/h). This is indicated by a flashing or solid Sway Bar Indicator Light. Once vehicle speed is reduced below 14 mph (22 km/h), the system will once again attempt to return to off-road mode.

NOTE:

The stabilizer/sway bar may be torque locked due to left and right suspension height differences. This condition is due to driving surface differences or vehicle loading. In order for the stabilizer/sway bar to disconnect/reconnect, the right and left halves of the bar must be aligned. This alignment may require that the vehicle be driven onto level ground or rocked from side to side.

WARNING!

If the stabilizer/sway bar will not return to on-road mode, the Sway Bar Indicator Light will flash in the instrument cluster and vehicle stability may be reduced. Do not attempt to drive the vehicle over 18 mph (29 km/h). Driving faster than 18 mph (29 km/h) with a disconnected stabilizer/sway bar may contribute to the loss of vehicle control, which could result in serious injury.

OFF ROAD+ — IF EQUIPPED

To activate Off Road+, push the OFF ROAD+ switch in the switch bank when in 4WD.

When Off Road+ is active, the following features will activate:

- The Off Road+ telltale will illuminate in the instrument cluster display

- A mode-specific message will display the instrument cluster display
- Off-Road Pages will launch on the radio head-unit if selected in radio settings
- The TrailCam System will launch if selected in radio settings



OFF ROAD+ Switch

Once in Off Road+, the vehicle will begin to behave in different ways depending on the 4WD mode in use.

EXTERIOR OVERVIEW



1 — Exterior Camera Locations ➞ page 39

2 — Charging Inlet ➞ page 48

3 — Fuel Door ➞ page 40 ➞ page 41

4 — Swing Gate Release Button

5 — Emergency Tow Hook ➞ page 70

EXTERIOR CAMERA VIEWS

BACK UP CAMERA

The ParkView Rear Back Up Camera allows you to see an on-screen image of the rear surroundings of your vehicle whenever the gear selector is put into REVERSE.

Manual Activation Of The Rear View Camera:

1. Press the Controls button located on the bottom of the Uconnect display.
2. Press the Back Up Camera button to turn the Rear View Camera system on.

WARNING!

Drivers must be careful when backing up even when using the ParkView Rear Back Up Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You are responsible for the safety of your surroundings and must continue to pay attention while backing up. Failure to do so can result in serious injury or death.

CAUTION!

- To avoid vehicle damage, ParkView should only be used as a parking aid. The ParkView camera is unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using ParkView to be able to stop in time when an obstacle is seen. It is recommended that the driver look frequently over his/her shoulder when using ParkView.

HOOD

TO OPEN THE HOOD

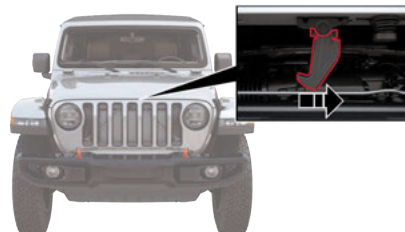
WARNING!

For Hybrid Models: Always place the ignition in the OFF position before opening the hood. If the ignition is in the RUN position and the Propulsion System is active when the hood is opened, the engine could automatically start, and persons not clear of the vehicle could be injured by the engine's moving parts.

To open the hood:

1. Release both of the outside hood latches.

2. Raise the hood slightly, and place a hand palm-side down in the center of the hood opening. Locate the safety latch in the middle, and push the latch to the right to open.



Safety Latch Location

3. Remove the support rod from the hood, and insert it into the radiator crossmember.

NOTE:

- Vehicle must be at a stop and the gear selector must be in PARK.
- Before lifting the hood, check that the wiper arms are not in motion and not in the lifted position.
- While lifting the hood, use both hands.
- You may have to push down slightly on the hood before pushing the safety latch.

NOTE:**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.
- 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.

WARNING!

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

CAUTION!

To prevent possible damage, do not slam the hood to close it.

To Close The Hood

To close the hood, remove the support rod from the slot and replace it on the hood panel retaining clip. Lower the hood slowly. Secure both of the hood latches.

NOTE:

For Hybrid models: If the vehicle stopped charging the high voltage battery when the hood was opened, the vehicle will resume charging when the hood closes.

WARNING!

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

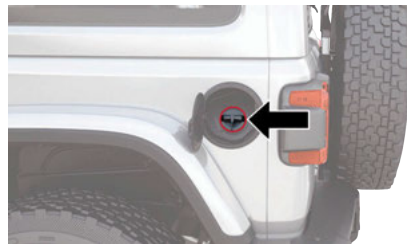
CAUTION!

To prevent possible damage, do not slam the hood to close it.

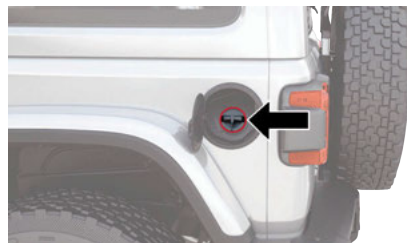
REFUELING THE VEHICLE

The fuel filler cap is located on the driver's side of the vehicle. If the fuel filler cap is lost or damaged, be sure the replacement cap is the correct one for this vehicle.

1. Open the fuel filler door.

**Fuel Filler Door**

2. Remove the fuel cap by rotating it counterclockwise.

**Fuel Filler Cap**

3. Fully insert the fuel nozzle into the filler pipe.
4. Fill the vehicle with fuel.

NOTE:

- When the fuel nozzle “clicks” or shuts off, the fuel tank is full.
 - Wait five seconds before removing the fuel nozzle to allow excess fuel to drain from the nozzle.
5. Remove the fuel nozzle, reinstall fuel cap and close fuel filler door.

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!

- Damage to the fuel system or emission control system could result from using an improper fuel filler cap. A poorly fitting cap

(Continued)

CAUTION!

could let impurities into the fuel system. Also, a poorly fitting aftermarket cap can cause the Malfunction Indicator Light (MIL) to illuminate, due to fuel vapors escaping from the system.

- To avoid fuel spillage and overfilling, do not “top off” the fuel tank after filling.

NOTE:

- When the fuel nozzle “clicks” or shuts off, the fuel tank is full.
- Tighten the fuel filler cap about a quarter turn until you hear one click. This is an indication that the cap is properly tightened.
- If the fuel filler cap is not tightened properly, the MIL will come on. Be sure the cap is tightened every time the vehicle is refueled.

REFUELING THE VEHICLE — HYBRID

1. Put the vehicle in the PARK position.
2. Push the fuel filler door release button (located below the headlight switch).

**Fuel Filler Door Release Switch**

3. When the vehicle is ready to refuel a message will be displayed and the fuel door will pop away from the vehicle when it has been released. To finish opening the fuel door, manually rotate it away from the vehicle.

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.

- 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.

NOTE:

In certain cold conditions, ice may prevent the fuel door from opening. If this occurs, lightly push on the fuel door to break the ice buildup and re-release the fuel door using the inside release button. Do not pry on the door.

4. Remove the fuel filler cap and insert the nozzle and fill the vehicle with fuel; when the fuel nozzle “clicks” or shuts off the fuel tank is full.
5. Remove the fuel nozzle, replace the fuel filler cap by turning until you hear one click, and then close the fuel door.

NOTE:

- Tighten the fuel filler cap about a quarter turn until you hear one click. This is an indication that the cap is properly tightened.
- After the click, pull on the cap at the handle to verify it is secure and fastened.

- If it is loose, and not secured to the filler tube, reinstall and tighten again about a quarter turn until you hear the click.
- Verify the cap tether is not pinched between the cap and filler tube.
- If the fuel filler cap is not tightened properly, the yellow Loose Fuel Filler Cap Warning Light and the “Check Fuel Cap” message will appear in the instrument cluster.
- Be sure the cap is tightened every time the vehicle is refueled.

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 (MIL) 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 (Propulsion System Active (PSA) not active).

NOTE:

If this is not performed, then the tank vent valve will not open. This will result in premature fuel pump shutoffs.

2. Access the rear quarter trim panel in the cargo area on the left side of the vehicle.



Release Cap Location

3. Remove the release cap from the quarter trim panel.
4. After removing the release cap, pull it directly away from the quarter trim panel to release the fuel door.



Fuel Door Emergency Release

5. Reinstall the release cap into the quarter trim when completed.
6. Wait 15 seconds and then begin fueling your vehicle.

HIGH VOLTAGE BATTERY

Your vehicle is equipped with a Lithium-ion high voltage battery that is used to power the electric powertrain systems. The high voltage battery is located underneath the vehicle.

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.

WARNING!

- Never try to remove the high voltage battery service disconnect. The high voltage battery service disconnect is used when your vehicle requires service by a qualified technician at an authorized dealership. Failure to follow this warning can result in electrical shock, toxic emissions, fire, and other hazards which can cause death or serious injury including severe burns, respiratory injuries, and blindness.
- The high voltage battery and battery case have no parts that you or an unqualified technician can service. 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

(Continued)

WARNING!

dealership for any service or maintenance on these high voltage components.

- The high voltage system can be hot during and after starting, and when the vehicle is shut off or charging. Be careful of both the high voltage and the high temperature. Failure to do so can result in severe burns.

Disposal of the High Voltage Battery

Your vehicle's high voltage battery is designed to last the life of your vehicle.

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.

General Information

The vehicle is also equipped with a Battery Management system that is designed to maximize the life expectancy of the high voltage battery, maximize driving range, and ensure safe operation.

NOTE:

During start up and shut down, a clicking noise may be heard from within the vehicle. When the vehicle is preparing to start, the 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 the road 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

(Continued)

WARNING!

death. If you discover these leaks, contact emergency services immediately. Since the fluid leak may be Lithium Manganate from the Lithium-ion battery, never touch the fluid leak inside or outside of the vehicle. If the fluid contacts your skin or eyes, wash these areas immediately with a large amount of water and obtain immediate medical attention to help avoid serious injury.

- If a fire occurs inside your vehicle, leave the vehicle as soon as possible. Only use a type ABC, BC, or C fire extinguisher that is meant for use on electrical fires. Using a small amount of water, or the incorrect fire extinguisher can result in serious injury or death from electrical shock.
- If you are not able to safely assess the vehicle due to vehicle damage, do not touch the vehicle. Leave the vehicle and contact emergency services. Advise first responders that this is a hybrid-electric vehicle.
- In the event of an accident that requires bodywork, refer to an authorized dealership.

BATTERY CONDITIONING

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

If the ambient temperature is 5°F (-15°C) or below at vehicle shut down, the instrument cluster will display the message “Plug In Vehicle To 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 instrument cluster will display the message “Please Leave Key In RUN — Battery Conditioning Needed”.
- If the vehicle is not plugged in at these battery temperatures, the “Plug In Vehicle To Condition Battery” will be shown in the instrument cluster display.

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.
- It is recommended that the high voltage battery not be exposed to direct sunlight in high temperature environments while the vehicle is OFF. This may lower the life of the battery.

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.

Power Box — If Equipped

WARNING!

IMPORTANT SAFETY INSTRUCTIONS PERTAINING TO RISK OF FIRE OR ELECTRIC SHOCK:

This publication contains important instructions and warnings that should be followed during the use of the Power Box feature. Before using the Power Box, make sure to check the equipment for moisture or water damage. Failure to follow these warnings and instructions can result in electrical shock and fire which can cause death or serious injury.

(Continued)

WARNING!

Refer to the warning labels on the side of the Power Box and on the charging cables.

- The engine may idle during use to power the outlets. A running engine emits exhaust containing carbon monoxide, which can cause injury or death if inhaled. Never use in closed or confined spaces.
- Never use the Power Box, vehicle charging port, or 3-pin outlet power plug while in use with wet hands. Always handle the Power Box with dry hands. Never use or allow the Power Box to get wet. Do not use it in wet or damp locations, and do not submerge it in water. Only use electrical equipment with a waterproof function/rating, or use it in a waterproof environment. Do not use in environments with rain or high humidity.
- Never insert metal objects into the Power Box connectors, or in the vehicle charging port, as this action can damage the connection terminals or cause electric shock resulting in injury or death.
- Never disassemble the Power Box.

(Continued)

WARNING!

- Do not overload electrical extension cords plugged into the Power Box outlet.
- If there is a risk of lightning, do not use the Power Box system outside the vehicle.
- When the Power Box is in operation, the vehicle's cooling fan can operate automatically even if the vehicle is turned off. Do not put your hands near the cooling fan while it is operating.
- Never use electrical equipment that requires a continuous power supply, such as medical equipment. The power supply may be interrupted depending on the vehicle's condition.
- Do not use the Power Box to back feed your house or home electrical system under any circumstance.

Did you know you can use the vehicle to power other accessories and equipment? Your Power Box will let you use your vehicle's battery to power lights, cookware, and a host of other things. All you need to do it plug the Power Box into the vehicle's charge port, and you can get started!



Scan me



Power Box

Please read all Cautions and Safety procedures within these Power Box instructions before operating.



Power Box

- 1 — Power Outlet
- 2 — Power Indicator Light
- 3 — Vehicle Indicator Light
- 4 — AC On Button
- 5 — USB-C Port

NOTE:

- The USB-C port is used to charge the Power Box internal battery and does not offer external charging capabilities.
- The Power Box cannot be used to charge other vehicles.

Getting Started

The Power Box provides maximum flexibility using the high voltage system under three modes of operation:

Battery Mode

Battery Mode uses the vehicle's battery to supply power to the Power Box without running the engine. It is great for an overnight camping trip!

Generator Mode

Generator Mode will run the engine to recharge the vehicle's battery and power the Power Box. It'll keep the vehicle battery charge if you want to use all-electric driving later.

Blended Mode

Blended Mode will use the engine and battery to power the Power Box. It is very efficient and will keep your Power Box going for the longest time. It is great when you are using the Power Box for a long time.

Press the Max Regeneration button to set the vehicle to Blended Mode.

Powering On The Power Box

Follow these steps to power on the Power Box.

1. Set the Ignition in either ACC or RUN (engine running or not running).
2. Connect the Power Box electric plug to the vehicle.
3. Push the Power Box AC On button.

You can keep the vehicle off while using the Power Box.

CAUTION!

Power off and disconnect the Power Box if any electrical equipment/appliance has a strange odor, or begins to smoke while the equipment or appliance is powered ON or operating.

CAUTION!

IMPORTANT SAFETY INSTRUCTIONS PERTAINING TO POWER BOX USE AND OPERATION:

It is important to follow these Power Box instructions and cautions for overall use and operation. Failure to follow these instructions may result in damage to the Power Box, vehicle, and/or appliance.

- Never leave electrical equipment/appliances connected and operating on the Power Box unattended.
- It is recommended to plug electrical equipment/appliances directly into the Power Box and not with an extension cord.
- Never use high power electrical equipment/appliances such as an air conditioner, washing machine, or dryer.
- This product contains lithium-ion battery and should be disposed appropriately to avoid fire and environmental impact. Do not dispose with regular household garbage.

REGENERATIVE BRAKING SYSTEM (RBS)

RBS replenishes the vehicle's high voltage battery during deceleration, and is particularly useful in stop-and-go city traffic. The RBS recharges the high voltage battery under certain

braking conditions by recapturing energy that would otherwise be lost while braking.

Max Regeneration

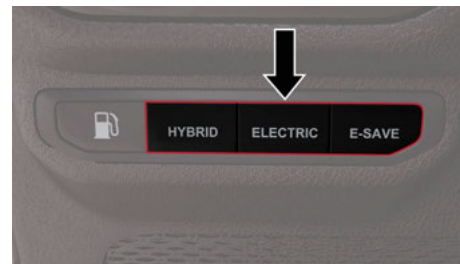
Max Regeneration is a supplemental feature of the RBS. When activated, it will use the RBS to help slow the vehicle when the driver releases the accelerator pedal. This feature allows you to moderately reduce driving speed without pressing the brake pedal. It is always necessary to apply the brake pedal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

E-SELEC Mode



E-Selec Mode Switch

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.

NOTE:

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.

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!

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.

(Continued)

WARNING!

- 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).
- 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.



Portable Charging Cordset (EVSE)

WARNING!

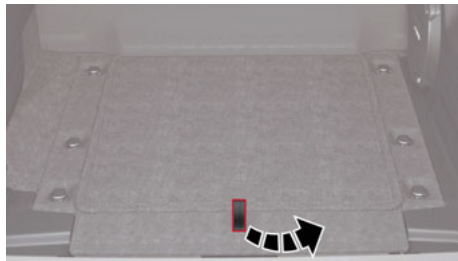
INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK: Do not use the Portable Charging Cordset (EVSE) on electrical circuits with two-prong outlets; use with improper outlets could result in electric shock, fire, property damage, and death or serious injury. Check with a qualified electrician 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 Cordset (EVSE) - if it does not fit the outlet, you must have a proper outlet installed by a qualified electrician.

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.



Lift Load Floor Cover Handle

WARNING!

IMPORTANT SAFETY INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK: This publication contains important instructions and warnings that should be followed during charging operations.

(Continued)

WARNING!

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

- Read this entire publication before using the Portable Charging Cordset (EVSE).
- 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, 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.

(Continued)

WARNING!

- There are no user serviceable parts inside the Portable Charging Cordset (EVSE). Do not attempt to repair or service the Portable Charging Cordset (EVSE) yourself – personal injury may result.
- 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 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

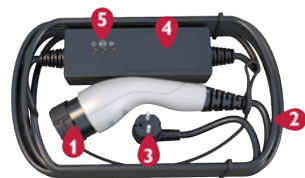
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WARNING!

- 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).
 - SAVE THESE INSTRUCTIONS.

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

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!

INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK: 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 Cordset (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!

INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK: 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 Cordset (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 — Check Outlet Indicator Light
- 2 — Fault Indicator Light
- 3 — AC Power 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.



**Removing The Charge Connector
From The Vehicle Charge Inlet**

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

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

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



LED Indicator Lights

- 1 — Yellow LED
- 2 — Red LED
- 3 — Green LED

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!

INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK: 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 Volt) charging requires a 240 Volt, Level 2 Electric Vehicle Supply Equipment (EVSE) charging station. A 40 Amp Level 2 EVSE for home installation is recommended. The Level 2 EVSE connects to a 40 Amp circuit breaker and delivers 32 Amp maximum to the vehicle.

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.

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.

CHARGING TIMES

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

- High voltage battery's current State Of Charge (SOC)
- Type of Electric Vehicle Supply Equipment (EVSE) used (Level 1 – 120 V or Level 2 – 240 V)
- Ambient temperature
- Whether the vehicle's ignition is in RUN during charging

Type of EVSE	Estimated Charge Time
Level 1 (120 V/12 A)	Approximately 12-13 hours
Level 2 (240 V/32 A)	Approximately 2-3 hours

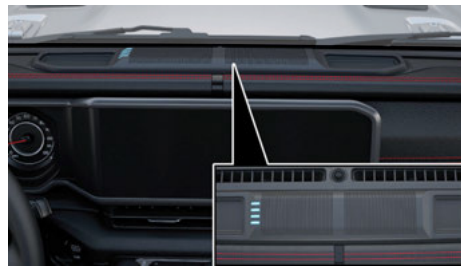
VEHICLE CHARGE INDICATORS

Instrument Cluster High Voltage Battery Display

There is a battery display indicator located on the instrument cluster. The battery display will 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 four 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

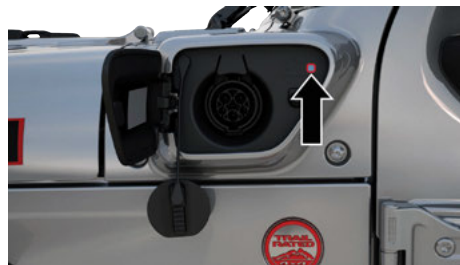
The SOC indicator provides a visual indication of the high voltage battery's charge status during charging.

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.

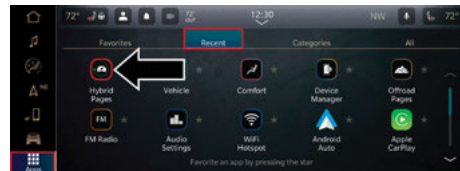


Charging Inlet LED Location

LED Charging Inlet	
LED Light Color	Status
Blue	Indicates that the system is waiting for a scheduled re-charge.
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).

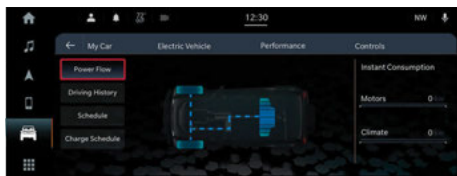


Apps Menu Screen

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 Screen

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.

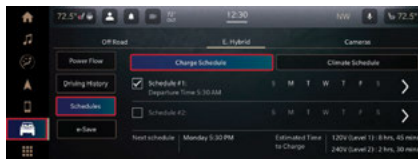


Driving History Screen

Charging Schedule

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

1. Select "Schedules".



Charging Schedules Screen

2. Select one of the three 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).



Set Charge Schedule

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.

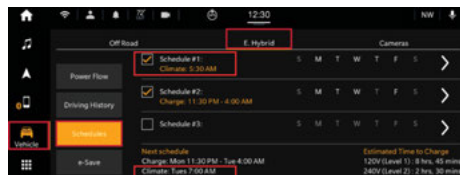
NOTE:

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.

There is also a Climate Schedule which can be set and managed for climate or cabin conditioning.



Climate Schedule

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%. 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.

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.

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.

SOS AND ASSIST SYSTEM — IF EQUIPPED



SOS Emergency Call 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 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

(Continued)

WARNING!

Agent. All occupants should exit the vehicle immediately and move to a safe location.

- Never place anything on or near the vehicle's operable network and GPS antennas. You could prevent operable network and GPS signal reception, which can prevent your vehicle from placing an emergency call. An operable network and GPS signal reception is required for the SOS Call system to function properly.
- The SOS Call system is embedded into the vehicle's electrical system. Do not add aftermarket electrical equipment to the vehicle's electrical system. This may prevent your vehicle from sending a signal to initiate an emergency call. To avoid interference that can cause the SOS Call system to fail, never add aftermarket equipment (e.g., two-way mobile radio, CB radio, data recorder, etc.) to your vehicle's electrical system or modify the antennas on your vehicle. IF YOUR VEHICLE LOSES BATTERY POWER FOR ANY REASON (INCLUDING DURING OR AFTER AN ACCIDENT), THE UCONNECT FEATURES, APPS AND SERVICES, AMONG OTHERS, WILL NOT OPERATE.

(Continued)

WARNING!

- 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.
- Jeep Connect Customer Care - Total support for Radio, Phone and NAV issues.

NOTE:

- The Assist and SOS buttons will only function if you are connected to an operable LTE (voice/data) or 4G (data) network, which comes as a built in function. Other Uconnect services will only be operable if your Jeep Connect service is active and you are connected to an operable LTE (voice/data) or 4G (data) network.
- For further information, refer to the vehicles Uconnect Radio Instruction Manual.

JACKING AND TIRE CHANGING

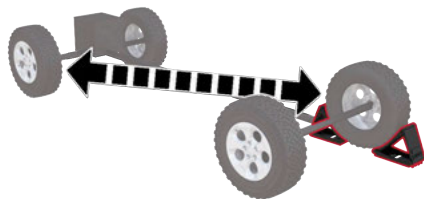
PREPARATIONS FOR JACKING

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 jack and lug wrench are located in the rear cargo area. To remove jack and tools proceed as follows:

1. Lift the load floor in the cargo area.



Load Floor Handle

NOTE:

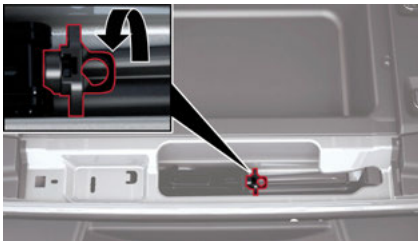
The load floor can be removed for easier access by pulling the load floor handle up and directly rearward.

2. Remove the hardware storage cover by pinching the latch on the left side and pulling upward.



Hardware Storage Cover Latch

3. Turn the plastic wing nut counterclockwise to loosen the jack from the storage bin.



Plastic Wing Nut Location

4. Remove tool kit and assemble tools.

SPARE TIRE REMOVAL

1. To remove the spare tire from the carrier, remove the tire cover, if equipped.
2. Remove the Rear Camera Cover by turning the lock bolt counterclockwise with the #T40 torx head driver and ratchet from the supplied tool kit.



Unlock Rear Camera Cover

3. Remove the lug nuts with the lug wrench turning them counterclockwise. If equipped, remove the locking lug nut with the lock key (located in the glove box) turning it counterclockwise.



Removing The Spare Tire

JACKING INSTRUCTIONS

WARNING!

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

- Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.
- Turn on the Hazard Warning Flashers.
- Apply the parking brake firmly and shift an automatic transmission into PARK; a manual transmission into REVERSE.
- Block the wheel diagonally opposite the wheel to be raised.

(Continued)

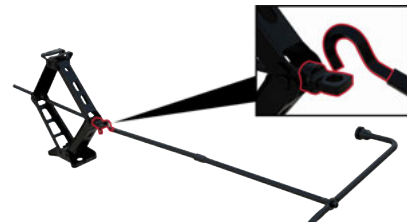
WARNING!

- 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.
- 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

1. Remove the spare tire, jack and tools from the stored location.
2. Loosen (but do not remove) the wheel lug nuts by turning them to the left one turn while the wheel is still on the ground.
3. Assemble the jack and jacking tools. Connect the jack handle driver to the extension, then to the lug wrench.



Assembled Jack And Tools

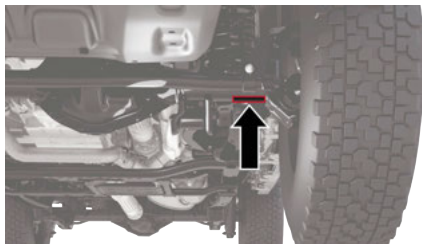
NOTE:

If your vehicle comes with factory equipped 35 inch (88.9 cm) tires, a jack lift block is provided in the rear cargo area. The jack lift block is used to provide higher ground clearance when changing a flat or spare tire. When placing the jack lift block under the jack, be sure the bottom of the jack fits securely inside of the raised edges of the block.



Jack Lift Box Usage

4. Operate the jack from the front or the rear of the vehicle. Place the jack under the axle tube, as shown. **Do not raise the vehicle until you are sure the jack is fully engaged.**



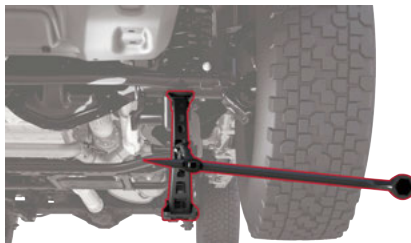
Front Lifting Point

NOTE:

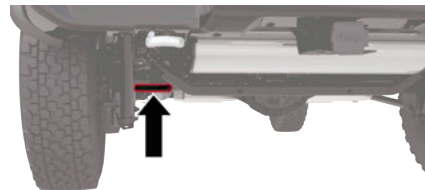
Keep the jack and tools aligned while raising the vehicle to prevent tool damage.

CAUTION!

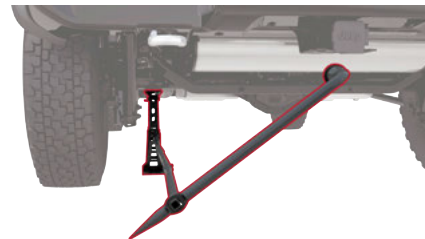
Do not attempt to raise the vehicle by jacking on locations other than those indicated.



Front Jacking Location



Rear Lifting Point



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. Mount the spare tire on the axle.
8. Install the lug nuts with the cone-shaped end toward the wheel. Lightly tighten the lug nuts clockwise.

WARNING!

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

9. Lower the vehicle by turning the jack screw to the counterclockwise, and remove the jack.

10. Finish tightening the wheel bolts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the wheel bolts in a star pattern until each wheel bolt 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.

11. 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.
12. Remove the jack assembly and wheel blocks.
13. Secure the jack and tools in their proper locations.
14. Secure the damaged wheel/tire on the spare tire carrier. Torque down lug nuts and locking lug nut.

15. Return the lock bolt to the lock position on the camera cover by turning the lock clockwise using the provided #40 torx head driver and ratchet. Then, reinstall the camera cover by slipping it over the camera/tire carrier until it snaps into place.



Lock Bolt Location

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.

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!

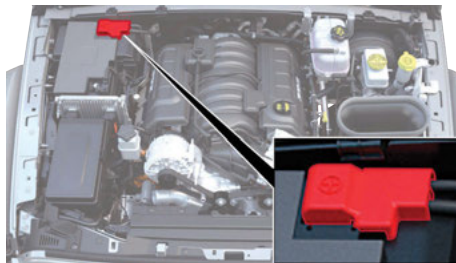
Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.

NOTE:

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

PREPARATIONS FOR JUMP STARTING — GAS MODELS

The battery in your vehicle is located in the right rear of the engine compartment.



Positive (+) Battery Post Location

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 to OFF.
2. Turn off the heater, radio, and all electrical accessories.
3. Pull upward and remove the protective cover over the positive (+) battery post.
4. If using another vehicle to jump start the battery, park the vehicle within the jumper cables reach, set the parking brake and make sure the ignition is OFF.

WARNING!

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

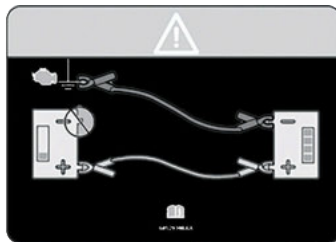
Failure to follow this jump starting procedure could result in personal injury or property damage due to battery explosion.

CAUTION!

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

Connecting The Jumper Cables

1. Connect the positive (+) end of the jumper cable to the 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 a good engine ground. A "ground" is an exposed metallic/unpainted part of the engine, frame or chassis, such as an accessory bracket or large bolt. The ground must be away from the battery and the fuel injection system.



Jump Starting Label

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 for a few minutes, and then start the engine in the vehicle with the discharged battery.
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 engine ground of the vehicle with the discharged battery.
2. Disconnect the opposite end of the negative (-) jumper cable from the negative (-) post of the booster battery.
3. Disconnect the positive (+) end of the jumper cable from the positive (+) post of the booster battery.
4. Disconnect the opposite end of the positive (+) jumper cable from the positive (+) post of the vehicle with the discharged battery, and reinstall the protective cover.

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.

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

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 STARTING — HYBRID MODELS

The battery in your vehicle is located in the right rear of the engine compartment.



Positive (+) Battery Post Location

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 to OFF.
2. Turn off the heater, radio, and all electrical accessories.

3. Pull upward and remove the protective cover over the positive (+) battery post.
4. If using another vehicle to jump start the 12 Volt electrical system, park the vehicle within the jumper cables reach, set the parking brake and make sure the ignition is OFF.

WARNING!

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

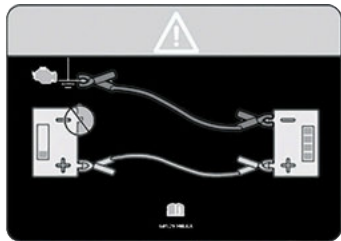
CAUTION!

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

Connecting The Jumper Cables

1. Connect the positive (+) end of the jumper cable to the 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 a good engine ground. A "ground" is an exposed metallic/unpainted part of the engine, frame or chassis, such as an accessory bracket or large bolt. The ground must be away from the battery and the fuel injection system.



Jump Starting Label

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 for a few

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

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

Disconnecting The Jumper Cables

1. Disconnect the negative (-) end of the jumper cable from the engine ground of the vehicle with the discharged battery.
2. Disconnect the opposite end of the negative (-) jumper cable from the negative (-) post of the booster battery.
3. Disconnect the positive (+) end of the jumper cable from the positive (+) post of the booster battery.
4. Disconnect the opposite end of the positive (+) jumper cable from the positive (+) post of the vehicle with the discharged battery, and reinstall the protective cover.

CAUTION!

Accessories plugged into the vehicle power outlets draw power from the vehicle's battery, even when not in use (i.e., cellular devices,

(Continued)

CAUTION!

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.

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

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. For vehicles with automatic transmission, push and hold the lock button on the gear selector. Then, shift back and forth between DRIVE (D) and FIRST (1) gear and REVERSE (R) (with manual transmission), while gently pressing the accelerator. Use the least amount of accelerator pedal pressure that will maintain the rocking motion, without spinning the wheels or racing the engine.

NOTE:

- For vehicles with automatic transmission: 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).
- 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

(Continued)

WARNING!

cause damage, or even failure, of the axle and tires. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping when you are stuck and do not let anyone near a spinning wheel, no matter what the speed.

CAUTION!

- Racing the engine or spinning the wheels may lead to transmission overheating and failure. Allow the engine to idle with the transmission in NEUTRAL for at least one minute after every five rocking-motion cycles. This will minimize overheating and reduce the risk of clutch or transmission failure during prolonged efforts to free a stuck vehicle.
- When "rocking" a stuck vehicle by shifting between DRIVE/FIRST gear and REVERSE,

(Continued)

CAUTION!

do not spin the wheels faster than 15 mph (24 km/h), or drivetrain damage may result.

- Revving the engine or spinning the wheels too fast may lead to transmission overheating and failure. It can also damage the tires. Do not spin the wheels above 30 mph (48 km/h) while in gear (no transmission shifting occurring).

TOWING A DISABLED VEHICLE

This section describes procedures for towing a disabled vehicle using a commercial towing service.

If the transmission and drivetrain are operable, disabled 4x4 vehicles may also be towed as described.

Towing Condition	Wheels OFF The Ground	4WD MODELS
Flat Tow	NONE	• Automatic Transmission in PARK (P) • Manual Transmission in gear (NOT in NEUTRAL) • Transfer Case in NEUTRAL (N) • Tow in Forward direction
Wheel Lift Or Dolly Tow	Front	NOT ALLOWED
	Rear	NOT ALLOWED
Flatbed	ALL	BEST METHOD

NOTE:

When towing your vehicle, always follow applicable state and provincial laws. Contact state and provincial Highway Safety offices for additional details.

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

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN position, not the ACC position.

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 flatbed truck, do not attach to front or rear suspension components. Damage to your vehicle may result from improper towing.

(Continued)

CAUTION!

- If the vehicle being towed requires steering, the ignition switch must be in the ACC or ON/RUN mode, not in the OFF mode.

TOWING IN AN EMERGENCY

Without The Key Fob

Special care must be taken when the vehicle is towed with the ignition in the OFF mode. The only approved method of towing without the key fob is with a flatbed truck. Proper towing equipment is necessary to prevent damage to the vehicle.

Manual Park Release

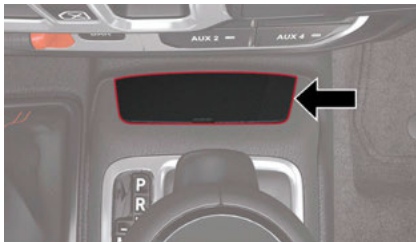
In order to move the vehicle in cases where the transmission will not shift out of PARK (P) (such as a depleted battery), a Manual Park Release is available.

WARNING!

Always secure your vehicle by fully applying the parking brake before activating the Manual Park Release. In addition, you should be seated in the driver's seat with your foot firmly on the brake pedal when activating the Manual Park Release. Activating the Manual Park Release will allow your vehicle to roll away if it is not secured by the parking brake, or by proper connection to a tow vehicle. Activating the Manual Park Release on an unsecured vehicle could lead to serious injury or death for those in or around the vehicle.

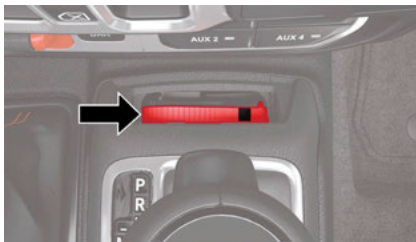
See the following steps to use the Manual Park Release:

1. Firmly apply the parking brake.
2. Using a small screwdriver or similar tool, remove the manual park release cover located in front of the gear selector, to access the release tether strap.



Manual Park Release Cover

3. Fish the tether strap up through the opening in the console base.



Tether Strap

4. Press and maintain firm pressure on the brake pedal.

5. Pull the tether strap up until the release lever locks into place in the vertical position. The vehicle is now out of PARK (P) and can be moved. Release the parking brake only when the vehicle is securely connected to a tow vehicle.

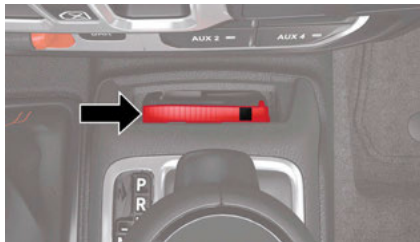


Vertical Released Position

To Reset The Manual Park Release:

1. Pull upward on the tether strap, releasing it from the "locked" position.

2. Lower the Manual Park Release lever downward and to the left, into its original position.



Original Tether Position

3. Tuck the tether strap into the base of the console, and reinstall the cover.

NOTE:

When the lever is locked in the release position the access cover cannot be reinstalled.

Emergency Tow Hooks — If Equipped

If your vehicle is equipped with tow hooks, they are mounted in the front and the rear fascia/bumpers.

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. Always use an appropriately rated tow strap.



Front Tow Hooks



Rear Tow Hook

WARNING!

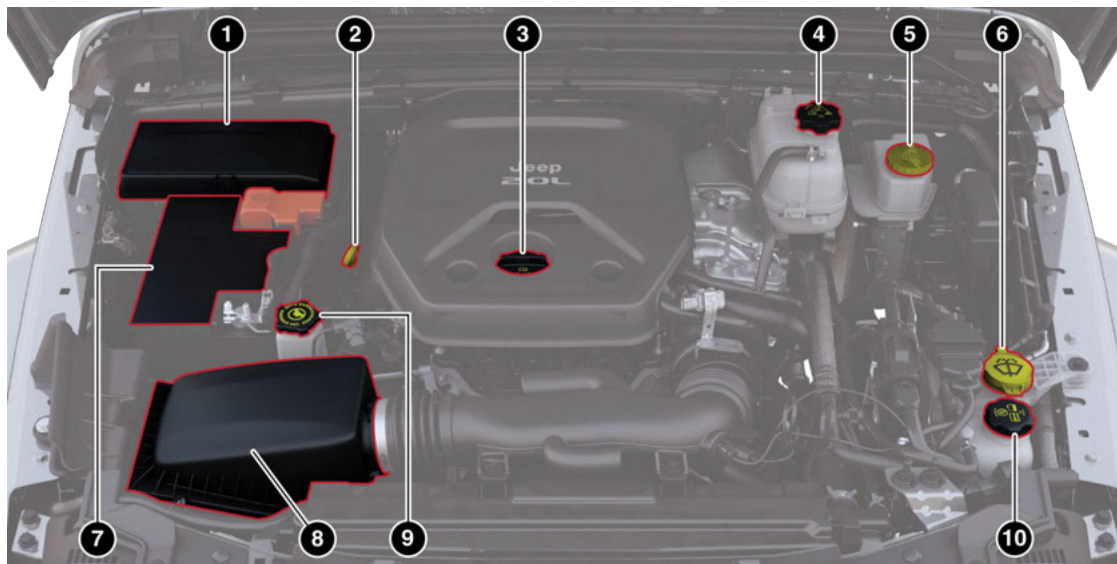
- Do not use a chain for freeing a stuck vehicle. Chains may break, causing serious injury or death.
- Stand clear of vehicles when pulling with tow hooks. Tow straps may become disengaged, causing serious injury.

CAUTION!

- Tow hooks are for emergency use only, to rescue a vehicle stranded off road. Tow straps are recommended when towing the vehicle, chains may cause vehicle damage.
- The tow hooks must not be used to move the vehicle off the road or where there are obstacles.
- Do not use the tow hooks for tow truck hookup or highway towing.
- Do not use the tow hooks to pull a vehicle onto a flatbed truck.
- Do not use the tow hooks to free a stuck vehicle.
- Damage to your vehicle may occur if these guidelines are not followed.

ENGINE COMPARTMENT OVERVIEW

2.0L ENGINE



1 — Power Distribution Center (Fuses)

2 — Engine Oil Dipstick

3 — Engine Oil Fill

4 — Engine Coolant Pressure Cap

5 — Brake Fluid Reservoir Cap

6 — Washer Fluid Reservoir Cap

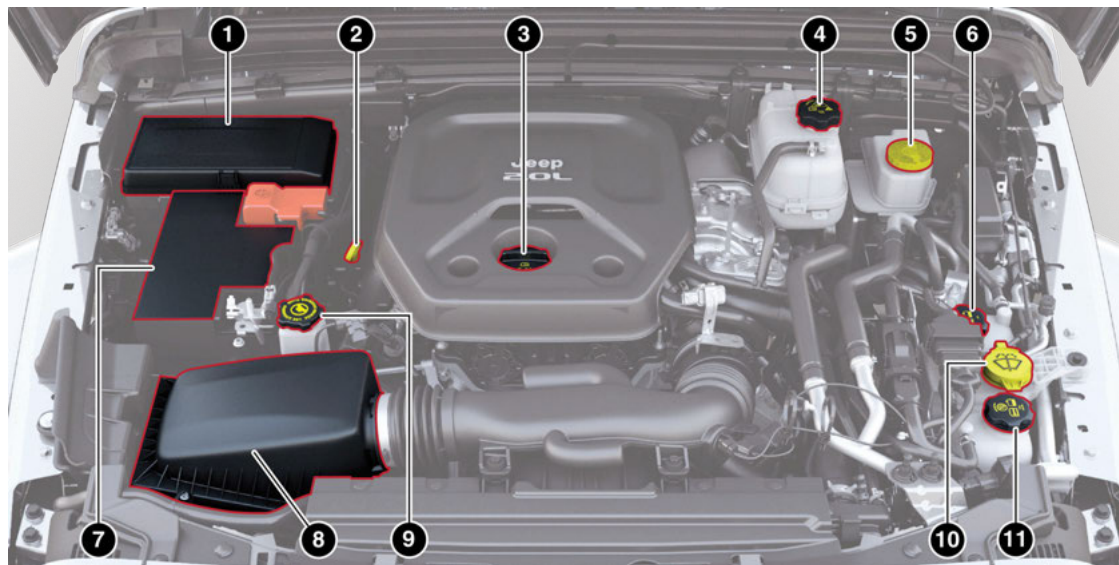
7 — Battery

8 — Engine Air Cleaner, Filter

9 — Power Steering Reservoir Cap

10 — Intercooler Coolant Reservoir Cap

2.0L HYBRID ENGINE



1 — Power Distribution Center (Fuses)

2 — Engine Oil Dipstick

3 — Engine Oil Fill

4 — Engine Coolant Reservoir Cap

5 — Brake Fluid Reservoir Cap

6 — Battery Coolant Reservoir Cap

7 — 12 Volt Battery

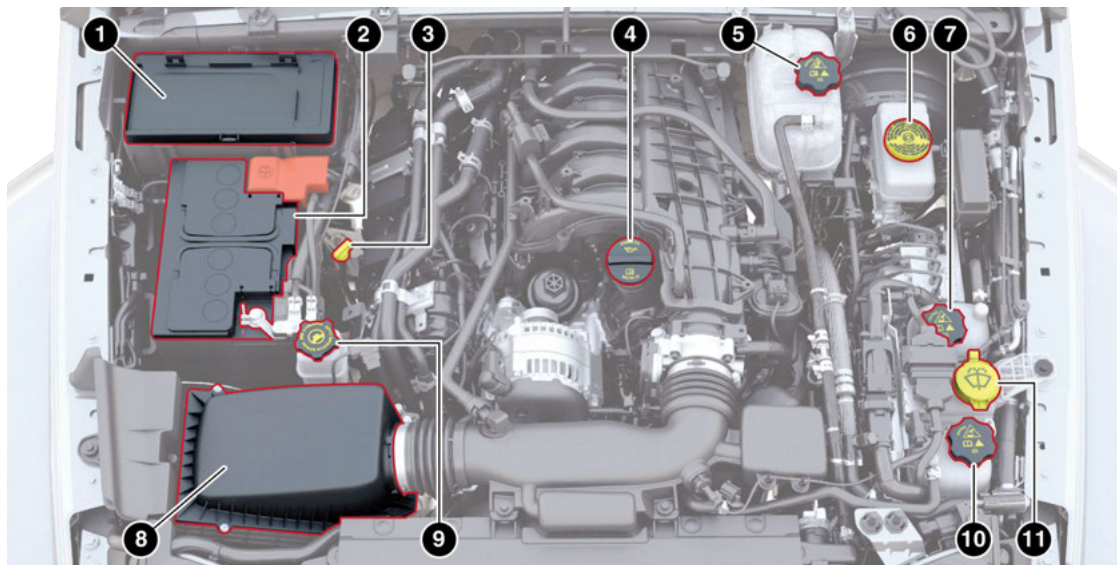
8 — Engine Air Cleaner, Filter

9 — Power Steering Fluid Reservoir Cap

10 — Washer Fluid Reservoir Cap

11 — Intercooler/Power Electronics Coolant Reservoir Cap

3.6L ENGINE



1 — Power Distribution Center (Fuses)

2 — Battery

3 — Engine Oil Dipstick

4 — Engine Oil Fill

5 — Engine Coolant Pressure Cap

6 — Brake Fluid Reservoir Cap

7 — Power Pack Unit Pressure Cap — If Equipped

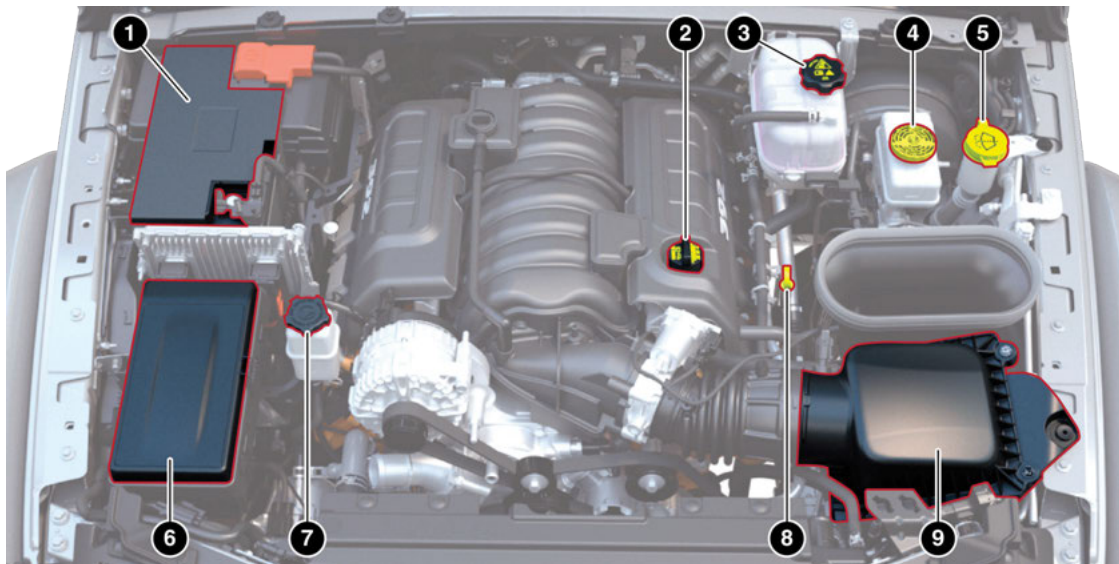
8 — Engine Air Cleaner, Filter

9 — Power Steering Reservoir Cap

10 — Motor Generator Unit Coolant Pressure Cap — If Equipped

11 — Washer Fluid Reservoir Cap

6.4L ENGINE



1 — Battery
2 — Engine Oil Fill
3 — Engine Coolant Reservoir

4 — Brake Fluid Reservoir
5 — Washer Fluid Reservoir Cap
6 — Power Distribution Center (Fuses)

7 — Power Steering Fluid Reservoir
8 — Engine Oil Dipstick
9 — Engine Air Cleaner, Filter

FLUID CAPACITIES

	US	Metric
Fuel (Approximate)		
4Xe Models	17.2 gal	65 L
Two Door Models	17.5 gal	66 L
Four Door Models	21.5 gal	81 L
Engine Oil with Filter		
2.0L Engine	5 qt	4.73 L
3.6L Engine	5 qt	4.73 L
6.4L Engine	7.5 qt	7.1 L

Cooling System *	US	Metric
2.0L Engine	12 qt	11.4 L
2.0L Engine Intercooler	3.7 qt	3.5 L
2.0L Hybrid Battery Coolant (Contact an authorized dealer for service)	5.6 qt	5.3 L
2.0L Hybrid Power Electronics Coolant (Contact an authorized dealer for service)	5.7 qt	5.4 L
3.6L Engine	13.4 qt	12.7 L
3.6L Motor Generator Unit (MGU)	2.3 qt	2.2 L
3.6L Power Pack Unit (PPU) Coolant	3.3 qt	3.1 L
6.4L Engine	15.6 qt	14.8 L
* Includes coolant recovery bottle filled to MAX level.		

ENGINE FLUIDS AND LUBRICANTS

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	We recommend using Mopar® Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT (Organic Additive Technology) or equivalent 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.
Battery, and Power Electric Coolant	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 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 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 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.
Engine Oil — 6.4L Engine	We recommend using Mopar® API Certified SAE 0W-40 Full Synthetic Engine Oil which meets the requirements of the manufacturer Material Standard MS-A0921. Equivalent full synthetic SAE 0W-40 engine oil can be used but must have the API Donut trademark.
Fuel Selection — 2.0L Engine	87 Octane (R+M)/2 Method, 0-15% Ethanol.

Component	Fluid, Lubricant, or Genuine Part
Fuel Selection — 3.6L Engine	87 Octane (R+M)/2 Method, 0-15% Ethanol.
Fuel Selection — 6.4L Engine	Premium Unleaded 91 Octane Only or Higher (R+M)/2 Method, 0-15% Ethanol (Do Not Use E-85).

CAUTION!

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology (OAT) engine coolant (antifreeze), may result in engine damage and may decrease corrosion protection. Organic Additive Technology (OAT) engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant (antifreeze) or any “globally compatible” coolant (antifreeze). If a non-OAT engine coolant (antifreeze) is introduced into the cooling system in an emergency, the cooling system will need to be drained, flushed, and refilled with fresh OAT coolant (conforming to MS.90032), by an authorized dealer as soon as possible.
- Do not use water alone or alcohol-based engine coolant (antifreeze) products. Do not use additional rust inhibitors or antirust products, as they may not be compatible with the radiator engine coolant (antifreeze) and may plug the radiator.
- This vehicle has not been designed for use with Propylene Glycol based engine coolant (antifreeze). Use of Propylene Glycol based engine coolant (antifreeze) is not recommended.

CHASSIS FLUIDS AND LUBRICANTS

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

Component	Fluid, Lubricant, or Genuine Part
Manual Transmission — If Equipped	We recommend using Mopar® ATF+4 Automatic Transmission Fluid.
Transfer Case	We recommend using Mopar® ATF+4 Automatic Transmission Fluid.
Front Axle Differential	We recommend using Mopar® Gear & Axle Lubricant (SAE 75W85)(API GL-5).
Rear Axle Differential (M200 Sales Code DRZ)	We recommend using Mopar® Gear & Axle Lubricant (SAE 75W140)(API GL-5).
Rear Axle Differential (M220 Sales Codes DRE/DRF)	We recommend using Mopar® Gear & Axle Lubricant (SAE 75W85)(API GL-5). Models equipped with Trac-Lok Limited Slip Differential require a friction modifier additive.
Brake Master Cylinder	We recommend using Mopar® DOT 3 Brake Fluid, SAE J1709.
Power Steering Reservoir	We recommend using Mopar® Electric Steering Pump Fluid.

SERVICING AND MAINTENANCE

SCHEDULED SERVICING — 2.0L AND 3.6L ENGINES

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 towing, and extremely hot or cold ambient temperatures will influence when the “Change Oil” or “Oil Change Required” message is displayed. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

On vehicles equipped with an instrument cluster display, “Oil Change Required” will be displayed and a single chime will sound, indicating that an oil change is necessary.

On non-instrument cluster display equipped vehicles, “Change Oil” will flash in the instrument cluster odometer and a single chime will sound, indicating that an oil change is necessary.

NOTE:

Hybrid (If Equipped): Even though the vehicle may not have been driven, both the fuel in the tank and oil in the engine will still degrade over time. Additionally, there will be a notification to the driver if the engine is being run to maintain the oil and fuel systems.

An authorized dealer will reset the oil change indicator message after completing the scheduled oil change. If a scheduled oil change is performed by someone other than an authorized dealer, the message can be reset by referring to the steps described under Instrument Cluster Display ➡ page 18.

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 windshield washer fluid level.
- Check the tire inflation pressures and look for unusual wear or damage, rotate at the first sign of irregular wear.
- Check the fluid levels of the coolant reservoir, brake master cylinder, and power steering, and fill as needed.
- Check the function of all interior and exterior lights.

Maintenance Plan

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. Rotate at the first sign of irregular wear, even if it occurs before the oil indicator system turns on.
● Inspect 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 if necessary.
● Inspect all door latches for presence of grease; reapply if necessary.

NOTE:

Using white lithium grease, lubricate the door hinge joints twice a year to prevent premature wear.

Mileage Or Time Passed (Whichever Comes First):	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional Inspections														
Inspect the CV/Universal joints.	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inspect front suspension, tie rod ends, rear suspension, and replace if necessary.	X		X		X		X		X		X		X	
Inspect the front and rear axle fluid.	X				X				X				X	
Inspect the brake linings, replace as necessary.	X		X		X		X		X		X		X	
Adjust parking brake on vehicles equipped with four wheel disc brakes.	X		X		X		X		X		X		X	
Inspect transfer case fluid.		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
Additional Maintenance														
Replace engine air cleaner filter.		X			X			X			X			X
Replace cabin air filter.	To be replaced every 12,000 miles (19,000 km).													
Replace Spark Plugs — 2.0L Engine. ¹					X						X			
Replace spark plugs — 3.6L Engine. ¹									X					
Flush and replace the engine, inter-cooler (if equipped), power electronics (if equipped), and battery (if equipped) coolant at 10 years or 150,000 miles (240,000 km) whichever comes first.									X					X

¹ 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
Change the manual transmission fluid if using your vehicle for any of the following: trailer towing, snow plowing, heavy loading, taxi, police, delivery service (commercial service), off-road, desert operation or more than 50% of your driving is at sustained high speeds during hot weather, above 90°F (32°C).		X			X			X			X			X
Change transfer case fluid if using your vehicle for any of the following: police, taxi, fleet, or frequent trailer towing.					X						X			
Inspect and replace PCV valve if necessary.									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
Change front and rear axle fluid if using your vehicle for police, taxi, fleet, off-road or frequent trailer towing.			X				X				X			

WARNING!

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

SCHEDULED SERVICING — 6.4L

The Scheduled Maintenance services listed in this manual must be done at the times or mileages specified to protect the vehicle warranty and ensure the best vehicle performance and reliability. More frequent maintenance may be needed for vehicles in severe operating conditions, such as dusty areas and very short trip driving. Inspection and service should also be done anytime a malfunction is suspected.

The oil change indicator system will remind you that it is time to take your vehicle in for scheduled maintenance.

The instrument cluster display will display an “Oil Change Required” message and a single chime will sound, indicating that an oil change is necessary.

Based on engine operation conditions, the oil change indicator message will illuminate. This means that service is required for your vehicle. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

NOTE:

- The oil change indicator message will not monitor the time since the last oil change. Change your vehicle's oil if it has been six months since your last oil change, even if the oil change indicator message is NOT illuminated.
- Change your engine oil more often if you drive your vehicle off-road for an extended period of time.
- Under no circumstances should oil change intervals exceed 6,000 miles (10,000 km) or six months, whichever comes first.

An authorized dealer will reset the oil change indicator message after completing the scheduled oil change. If a scheduled oil change is performed by someone other than an authorized dealer, the message can be reset by referring to the steps described under Instrument Cluster Display ➞ page 18.

Severe Duty All Models

Vehicles that are operated in a dusty and off-road environment, or predominately at idle or very low engine RPM are known as Severe Duty vehicles. It is recommended that you change engine oil at 4,000 miles (6,500 km) or 350 hours of engine run time.

At Each Stop For Fuel

- Check the engine oil level.
- Check the windshield washer solvent and add if required.

Once A Month

- Check tire pressure and look for unusual wear or damage.
- Inspect the battery and clean and tighten the terminals as required.

- Check the fluid levels of the coolant reservoir, engine oil, brake master cylinder, and add as needed.
- Check all lights and other electrical items for correct operation.

At Each Oil Change

- Change the engine oil filter.
- Inspect the brake hoses and lines.
- Inspect the CV/Universal joints.

CAUTION!

Failure to perform the required maintenance items may result in damage to the vehicle.

Maintenance Plan

Miles:	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000	102,000	108,000	114,000	120,000	126,000	132,000	138,000	144,000	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
Or Kilometers:	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000	160,000	170,000	180,000	190,000	200,000	210,000	220,000	230,000	240,000	250,000
Change the engine oil and engine oil filter.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Rotate the tires. Rotate at the first sign of irregular wear, even if it occurs before scheduled maintenance.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
If using your vehicle for any of the following: dusty or off-road conditions. Inspect the engine air cleaner filter; replace if necessary.		X		X		X		X		X		X		X		X		X		X		X		X	
Inspect the brake linings; replace if necessary.		X		X		X		X		X		X		X		X		X		X		X		X	
Inspect the CV/Universal joints.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Miles:	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000	102,000	108,000	114,000	120,000	126,000	132,000	138,000	144,000	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
Or Kilometers:	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000	160,000	170,000	180,000	190,000	200,000	210,000	220,000	230,000	240,000	250,000
Inspect the exhaust system.		X		X		X		X		X		X		X		X		X		X		X		X	
Adjust the parking brake on vehicles equipped with four wheel disc brakes.					X					X					X					X					X
Drain the transfer case and refill.					X					X					X					X					X
Inspect the accessory drive belts, replace if necessary.										X										X					
Inspect the front and rear axle fluid. Change if using your vehicle for any of the following: police, taxi, fleet, sustained high speed driving, off-road or frequent trailer towing.				X				X				X				X				X				X	

Miles:	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000	102,000	108,000	114,000	120,000	126,000	132,000	138,000	144,000	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
Or Kilometers:	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000	160,000	170,000	180,000	190,000	200,000	210,000	220,000	230,000	240,000	250,000
Inspect front suspension, tie rod ends, and boot seals for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.		X		X		X		X		X		X		X		X		X		X		X		X	
Replace the engine air cleaner filter.					X					X					X					X					X
Replace cabin air filter.	To be replaced every 12,000 miles (19,000 km).																								
Inspect and replace the PCV Valve if necessary.															X										
Replace the spark plugs – 6.4L Engine. ²																X									

² The spark plug change interval is mileage based only, monthly intervals do not apply.

Miles:	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000	102,000	108,000	114,000	120,000	126,000	132,000	138,000	144,000	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
Or Kilometers:	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000	160,000	170,000	180,000	190,000	200,000	210,000	220,000	230,000	240,000	250,000
Flush and replace the engine coolant at 120 months if not done at 150,000 miles (240,000 km).																			X						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 ➡ page 79.

CAUTION!

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

ENGINE BREAK-IN RECOMMENDATIONS — 6.4L ENGINE

This breaking in occurs mainly during the first 500 miles (805 km) and continues through the first oil change interval.

It is recommended for the operator to observe the following driving behaviors during the new vehicle break-in period:

0 to 100 miles (0 to 161 km):

- Do not allow the engine to operate at idle for an extended period of time.
- Press the accelerator pedal slowly and not more than halfway to avoid rapid acceleration.
- Avoid aggressive braking.
- Drive with the engine speed below 3,500 RPM.
- Maintain vehicle speed below 55 mph (88 km/h) and observe local speed limits.

100 to 300 miles (161 to 483 km):

- Press the accelerator pedal slowly and not more than halfway to avoid rapid acceleration in lower gears (FIRST to THIRD gears).
- Avoid aggressive braking.
- Drive with the engine speed below 5,000 RPM.

- Maintain vehicle speed below 70 mph (112 km/h) and observe local speed limits.

300 to 500 miles (483 to 805 km):

- Exercise the full engine RPM range, shifting manually (paddles or gear shift) at higher RPMs when possible.
- Do not perform sustained operation with the accelerator pedal at wide open throttle.
- Maintain vehicle speed below 85 mph (136 km/h) and observe local speed limits.

For the first 1,500 miles (2,414 km):

- Do not participate in track events, sport driving schools, or similar activities.

NOTE:

Check engine oil with every refueling and add if necessary. Oil and fuel consumption may be higher through the first oil change interval. Running the engine with an oil level below the add mark can cause severe engine damage.

TRAILER TOWING

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

Trailer Towing Weights (Maximum Trailer Weight Ratings)

Engine	Model	GCWR	Frontal Area	Maximum GTW	Maximum Trailer TW (See Note)
2.0L	Two-Door	8,016 lb (3,636 kg)	20 ft ² (1.86 m ²)	2,000 lb (907 kg)	200 lb (91 kg)
	Four-Door	8,117 lb (3,682 kg)	30 ft ² (2.79 m ²)	3,500 lb (1,587 kg)	350 lb (158 kg)
	Four-Door Rubicon LT285/7017C 4.10 Axle Ratio	9,950 lb (4,513 kg)	40 ft ² (3.72 m ²)	5,000 lb (2,268 kg)	500 lb (1,587 kg)
2.0L Hybrid	Sport/Sahara	9,000 lb (4,082 kg)	30 ft ² (2.79 m ²)	3,500 lb (1,587 kg)	350 lb (158 kg)
	Rubicon	9,200 lb (4,173 kg)	30 ft ² (2.79 m ²)	3,500 lb (1,587 kg)	350 lb (158 kg)

Engine	Model	GCWR	Frontal Area	Maximum GTW	Maximum Trailer TW (See Note)
3.6L	Two-Door	8,016 lb (3,636 kg)	20 ft2 (1.86 m2)	2,000 lb (907 kg)	200 lb (91 kg)
	Four-Door	8,117 lb (3,682 kg)	30 ft2 (2.79 m2)	3,500 lb (1,587 kg)	350 lb (158 kg)
	Four-Door Rubicon Automatic Transmission LT285/7017C 4.10 Axle Ratio	10,300 lb (4,672 kg)	40 ft2 (3.72 m2)	5,000 lb (2,268 kg)	500 lb (1,587 kg)
6.4L	Four-Door	9,000 lb (4,082 kg)	30 ft2 (2.79 m2)	3,500 lb (1,587 kg)	350 lb (158 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 (i.e., the GVWR), and the GVWR should never exceed the weight referenced on the Tire And Loading Information Placard.

A

Adaptive Cruise Control (ACC) (Cruise Control)	2, 31
Air Conditioning	2, 25
Android Auto	2, 14
Antifreeze (Engine Coolant)	3, 78
Automatic Headlights	2, 30
Automatic High Beams	2, 29
Automatic Temperature Control (ATC)	2, 27
Automatic Transmission Fluid Type	3, 79
Axle Fluid	3, 81
Axle Lock	2, 35, 36

B

Back Up Camera	2, 39
Battery	2, 43
Charging	3, 48
Brake Fluid	3, 79, 81

C

Camera	2, 39
Camera, Rear	2, 39

Capacities, Fuel	3, 78
Caps, Filler Fuel	2, 40
Oil (Engine)	3, 73
Charging	3, 48
Climate Control	2, 25
Automatic	2, 25
Contract, Service	2, 6
Cooling System Cooling Capacity	3, 78
Selection Of Coolant (Antifreeze).....	3, 78, 79
Cruise Control (Speed Control)	2, 31
Customer Assistance	2, 5

D

Defroster, Windshield	2, 25
Dimmer Control Switch	2, 29

E

Electrical Power Outlets	2, 15
Emergency, In Case Of Jump Starting	3, 63, 66
Engine	3, 73
Break-In Recommendations	3, 94

Compartment	3, 75, 77
Compartment Identification	3, 75, 77
Coolant (Antifreeze)	3, 79
Fuel Requirements	3, 78
Jump Starting	3, 63, 66
Oil	3, 78, 79
Oil Filler Cap	3, 73
Oil Selection	3, 78
Engine Overview	3, 73
Exterior Lights	2, 29

F

Filters Engine Oil	3, 79
Fluid Capacities	3, 78
Fluid, Brake	3, 79
Fog Lights	2, 29
Freeing A Stuck Vehicle	3, 68
Fuel Filler Cap (Gas Cap)	2, 40, 41
Octane Rating	3, 79
Requirements	3, 78
Tank Capacity	3, 78

G

Gas Cap (Fuel Filler Cap)2, 40, 41

H

Headlights

 Switch2, 29

Heavy-Duty Use3, 88

High Voltage Battery2, 43

HomeLink® (Garage Door Opener)2, 33

I

Instrument Cluster2, 18, 19

 Descriptions2, 18

J

Jack Location3, 59

Jack Operation3, 60

Jacking Instructions3, 60

Jump Starting3, 63, 66

K

Keyless Enter 'n Go™2, 10

L

Lights

 Exterior2, 29

 Fog2, 29

 Headlights2, 29, 30

Locking

 Axle2, 35, 36

M

Maintenance Schedule3, 83, 88

Manual

 Park Release3, 70

 Service2, 6

Media Hub2, 16

MP3 Control2, 16

N

New Vehicle Break-In Period3, 94

O

Oil Change Indicator

 Reset3, 93

Oil, Engine3, 79

 Capacity3, 78

 Filter3, 79

 Recommendation3, 78

 Viscosity3, 78

Operator Manual

 Owner's Manual2, 6

P

Passive Entry2, 10

Power

 Outlet (Auxiliary Electrical Outlet) ..2, 15

 Seats2, 27

R

Radio

 Settings2, 12

Rear ParkSense System2, 34

S

Schedule, Maintenance	3, 83
Scheduled Servicing	3, 88
Seats	
Power	2, 27
Second Row USB	2, 16
Selection Of Coolant (Antifreeze)	3, 79
Service Assistance	2, 5
Service Contract	2, 6
Service Manuals	2, 6
SOS Call	3, 57
Spare Tires	3, 60
Speed Control (Cruise Control)	2, 31
Steering	
Wheel, Voice Recognition	2, 14
Stop/Start	2, 12
Stuck, Freeing	3, 68
Sway Bar Disconnect	
Electronic	2, 36

T

Temperature Control, Automatic (ATC)	2, 27
Tires	
Spare Tires	3, 60

To Open Hood	2, 39
Tow Hooks	
Emergency	72
Towing	3, 69, 94
Disabled Vehicle	3, 69
Trailer Towing	3, 94
Transfer Case	
Fluid	3, 81
Transmission	
Fluid	3, 79, 81

U

Uconnect	
Uconnect Settings	2, 12
Uconnect Phone	2, 13
Pair (Link) Uconnect Phone To A Mobile Phone	2, 13
Uconnect System	2, 12
USB	2, 16

V

Vehicle Settings	2, 12
Voice Command	2, 14
Voice Recognition System (VR)	2, 14

W

Warning Lights And Messages	2, 20
Windshield Washers	2, 30
Windshield Wipers	2, 30





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

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.

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