

2024 RAM CHASSIS CAB 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.



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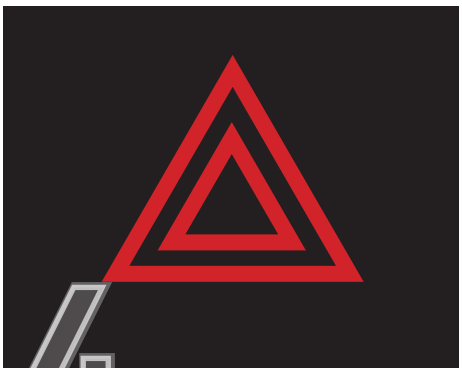

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OWNER HANDBOOK INTRODUCTION

Thank you for choosing Ram. 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

GET IT ON Google play

Download on the App Store

MOPAR TECH AUTHORITY

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

SYMBOLS KEY

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

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

CUSTOMER ASSISTANCE

FCA US LLC and its authorized dealers are 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: (866) 726-4636

FCA Canada Customer Care

P.O. Box 1621

Windsor, Ontario N9A 4H6

Phone: (800) 465-2001 English / (800) 387-9983 French

Mexico

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

FCA Caribbean LLC

P.O. Box 191857

San Juan 00919-1857

Phone: (866) 726-4636

Roadside Assistance

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

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

Available: 24 Hours, 7 Days A Week

Your vehicle's VIN 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 (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:

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

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

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

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

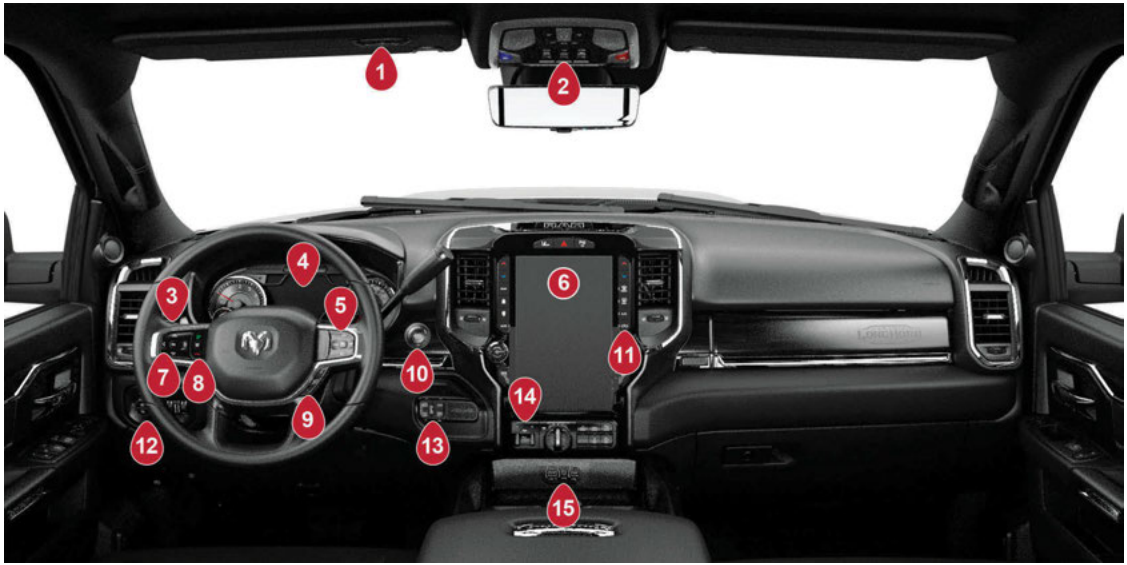
La operación de este equipo está sujeta a las siguientes dos condiciones:

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

NOTE:

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

INTERIOR OVERVIEW



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14 — Integrated Trailer Brake Controller
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STARTING AND OPERATING

Keyless Enter 'n Go™ — Passive Entry

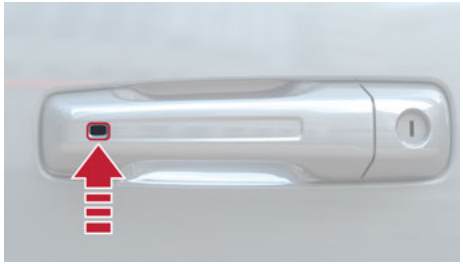
Keyless Enter 'n Go™ — Passive Entry allows you to lock and unlock the vehicle's door(s) without having to push the key fob lock or unlock buttons.

Scan me

To Unlock/Lock The Vehicle's Doors And Tailgate

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 tailgate.

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



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.

MULTIMEDIA & PHONE CONNECTIVITY

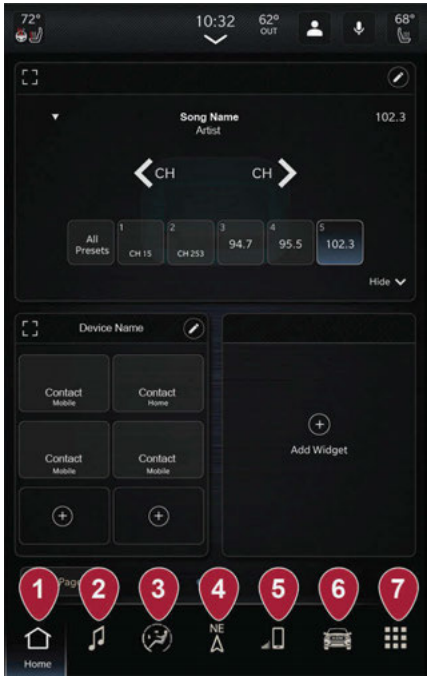
Uconnect System

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 utilziing it.

Scan me

NOTE:

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



Uconnect 5 NAV Display

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

Uconnect Settings

Do you want to change the theme of your radio? Or what about setting text message pop-up notifications?

Scan me



Uconnect 5 NAV Display Uconnect Settings

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

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

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

- **My Profile** — Customize features such as "Voice Options", "Notification Pop-ups", and much more!
- **Display** — Customize features such as your display brightness, or even allow navigation instructions to appear on your instrument cluster display!
- **Safety/Driving Assistance** — Would you like to be able to customize your LaneSense feature? Within the Safety/Driving Assistance setting, you can customize both the warning signal and steering wheel strength for your LaneSense detection.
- **Phone/Bluetooth®** — Do you have your phone paired to your Uconnect system yet? Press the Phone/Bluetooth® button to begin the phone pairing process.
- **Camera** — Pressing the Camera button on the touchscreen will display settings related to the vehicle's cameras. A few of these settings

are “ParkView Backup Camera Delay” and “Surround View Camera Delay”.

- **Brakes** — Pressing the Brakes button on the touchscreen will display settings related to the vehicle’s brakes.
- **Seats & Comfort** — The Uconnect system allows you to adjust your comfort levels for your heated seats, heated steering wheel, and even ventilated seats!
- **Key Off Options** — The Uconnect system gives you the option to customize what your vehicle does when it shuts down. One option is adjusting how long your headlights stay on after you turn your vehicle off.
- **Audio** — Did you know you can customize your vehicle’s audio? Press the Audio button to begin tuning your vehicle’s audio to your liking.
- **Notifications** — Within Notifications, you can customize alerts for notification sound chimes, new text message alerts, displaying messages for missed calls, navigation prompt pop-ups, and more!

Pair/Delete A Device

Did you know pairing your smartphone with your vehicle is quick and easy? Pairing your smartphone with your vehicle will open even more possibilities for your driving convenience, such as playing music from your phone or answering calls through your Uconnect system.

Scan me

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



Uconnect 5 NAV Display Pairing A Phone

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

Follow these steps to remove your smartphone:

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

Apple CarPlay®

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



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

NOTE:

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

Android Auto™

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



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

NOTE:

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

Uconnect Voice Recognition — If Equipped

Introduction

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



Basic Voice Commands

The following basic voice commands can be given at any point while using 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:

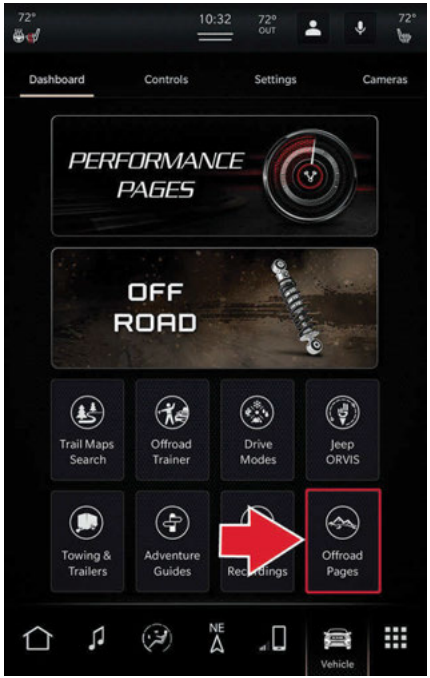
- **"Cancel"** to stop a current voice session.
- **"Help"** to hear a list of suggested Voice Commands.
- **"Repeat"** to listen to the system prompts again.

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

Off-Road Pages — If Equipped

Off-Road Pages is an application that provides a display of vehicle information related to the drivetrain, transfer case, and coolant/oil gauges.

Scan me



Uconnect 5 NAV Display Off-Road Pages

To access Off-Road Pages:

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

CHARGING & OUTLETS

Electrical Power Outlets

Your vehicle is equipped with a 12 Volt (13 Amp) power outlet that can be used to power cellular phones, small electronics, and other low powered electrical accessories.

The auxiliary power outlet can be found in the tray on top of the center stack. This power outlet works when the ignition is in the ON/RUN, ACC, or OFF position.



Power Outlet — Top Of Center Stack

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.

WARNING!

To avoid serious injury or death:

- Only devices designed for use in this type of outlet should be inserted into any 12 Volt outlet.
- Do not touch with wet hands.
- Close the lid when not in use and while driving the vehicle.

(Continued)

WARNING!

- If this outlet is mishandled, it may cause an electric shock and failure.

CAUTION!

- Many accessories that can be plugged in draw power from the vehicle's battery, even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.
- Accessories that draw higher power (i.e., coolers, vacuum cleaners, lights, etc.), will discharge the battery even more quickly. Only use these intermittently and with greater caution.
- After the use of high power draw accessories, or long periods of the vehicle not being started (with accessories still plugged in), the vehicle must be driven a sufficient length of time to allow the generator to recharge the vehicle's battery.

Power Inverter — If Equipped

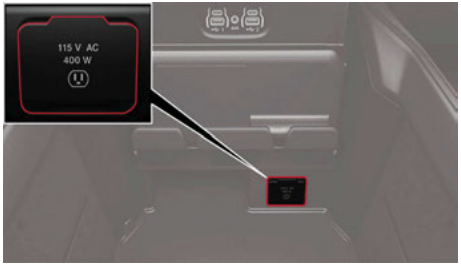
Interior Power Inverters

Your vehicle may be equipped with 115 Volt (400 Watts maximum) power inverters. These inverters can power cellular phones, electronics and other low power devices requiring power up to 400 Watts. Certain video game consoles exceed this power limit, as will most power tools.

All power inverters are designed with built-in overload protection. If the power rating of 400 Watts is exceeded, the power inverter shuts down. Once the electrical device has been removed from the outlet the inverter should reset.

Your vehicle might have a power inverter outlet in any of the following locations:

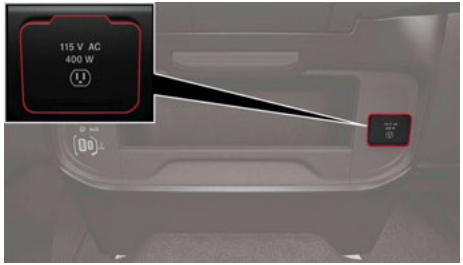
- On the center console, just under the Wireless Charging Pad (if equipped)
- On the rear center console
- On the right of the center stack, just below the climate control for vehicles equipped with a front bench seat



Center Console Power Inverter Outlet



Rear Center Console Power Inverter Outlet



Center Stack Power Inverter Outlet

To turn on the power outlet, simply plug in the device. The outlet turns off when the device is unplugged.

NOTE:

- The Power Inverter only turns on if the ignition is in the ACC or ON/RUN position.
- Due to built-in overload protection, the power inverter shuts down if the power rating is exceeded.

WARNING!

To avoid serious injury or death:

- Do not insert any objects into the receptacles.

(Continued)

WARNING!

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

USB/AUX Control

Your vehicle may be equipped with four USB ports: Two Mini-USBs (Type C), two Standard USBs (Type A) and one AUX port located in the middle of the USB Ports.



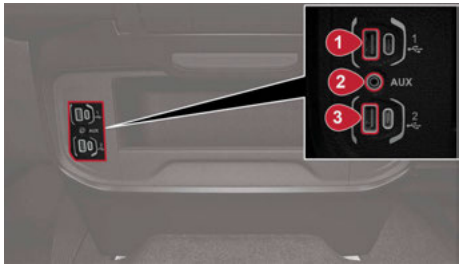
Center Stack USB/AUX Media Hub

1 — USB Port 1
2 — AUX Port
3 — USB Port 2



Rear USB Ports

1 — Rear Charge Only USB Port 1
2 — Rear Charge Only USB Port 2



USB/AUX Media Hub

1 — Standard USB Type A Port 1
2 — AUX Port
3 — Standard USB Type A Port 2

Some USB ports support media and charging. You can use features, such as Apple CarPlay®, Android Auto™, Pandora®, and others while charging your phone.

NOTE:
Plugging in a phone or another USB device may cause the connection to a previous device to be lost.

For further information, refer to the Uconnect Radio Instruction Manual or visit UconnectPhone.com.

Wireless Phone Charging — If Equipped

Did you know your vehicle may be equipped with a 15W 3A Qi® wireless charging pad located below the center stack, within the storage compartment? It is designed to easily charge your Qi® enabled mobile phone on the go.



Wireless Charging Pad

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

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

NOTE:
If your vehicle comes with a Wireless Charging pad, you'll notice a clear indication on the rubber mat with the text "Wireless Charger" and accompanying phone and charging icon graphics. The charger is available for the left side only.

Alternatively, if you have a phone holder in your vehicle, it has a rubber surface with textured grip

for secure placement, and a designated slot for your charging cord.

LED Indicator Status:

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

NOTE:

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

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

INSTRUMENT CLUSTER

Getting To Know Your Instrument Cluster — Gasoline



Holding the **OK** button on the Instrument Cluster Display controls located on the steering wheel will allow you to change your display from Digital to Analog.

1. Speedometer

   - Indicates vehicle speed.

2. Temperature Gauge

   - The temperature gauge shows engine coolant temperature. Any reading within 203°F - 230°F (95°C - 110°C) indicates that the engine cooling system is operating satisfactorily.
   - The pointer will likely indicate a higher temperature when driving in hot weather, up mountain grades, or when towing a trailer. It should not be allowed to exceed the upper limits of the normal operating range.

WARNING!

A hot engine cooling system is dangerous. You or others could be badly burned by steam or boiling

(Continued)

WARNING!

coolant. It is recommended to call an authorized dealer for service if your vehicle overheats.

CAUTION!

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

3. Tachometer

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

4. Fuel Gauge

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

NOTE:

Depending on your vehicle trim, your instrument cluster display may vary.

Getting to Know Your Instrument Cluster — Diesel



Holding the **OK** button on the Instrument Cluster Display controls located on the steering wheel will allow you to change your display from Analog to Digital.

1. 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.

WARNING!

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

CAUTION!

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

2. Speedometer
   - Indicates vehicle speed.
3. Oil Pressure Gauge
   - The pointer should always indicate some oil pressure when the engine is running. A continuous high or low reading under normal driving conditions may indicate a lubrication system malfunction. Immediate service should be obtained from an authorized dealer.
4. Diesel Exhaust Fluid (DEF) Gauge
   - The DEF Gauge displays the actual level of Diesel Exhaust Fluid in the DEF tank. DEF is required to maintain normal vehicle operation and emissions compliance. If something is wrong with the gauge, a DEF Warning Message or Malfunction Indicator Light (MIL) will be displayed. More information is available in the instrument cluster display section under the heading of DEF Warning Messages.

     NOTE:

     - The gauge may take up to five seconds to update after adding a gallon (3.8 liters) or more of DEF to the DEF tank. If you have a fault related to the DEF system, the gauge may not update to the new level. See an authorized dealer for service.
     - The DEF gauge may also not immediately update after a refill if the temperature of the DEF fluid is below 39°F (4°C). The DEF tank heater will warm up the DEF fluid and allow the gauge to update after a period of run time. Under very cold conditions, it is possible that the gauge may not reflect the new fill level for several drives.
5. Tachometer
   - Indicates the engine speed in revolutions per minute (RPM x 1000).
6. Fuel Gauge
   - The pointer shows the level of fuel in the fuel tank when the Keyless Push Button Ignition is in the ON/RUN position.
   -  The fuel pump symbol points to the side of the vehicle where the fuel door is located.

NOTE:

Depending on your vehicle trim, your instrument cluster display may vary.

Controlling Your Instrument Cluster Display

The instrument cluster display features a driver interactive display that is located in 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

- **Up/Down Buttons** — Use the **Up** or **Down** button to scroll through the menu options and submenus in the Instrument Cluster Display. Pushing the **Left** button will exit each submenu layer and return to the main menu.
- **Menu Button** — Press the **Menu** button for the Home Screen display. Navigate **Left** or **Right** to highlight desired tile. Press **OK** to select desired tile. Once **OK** is pressed, cluster will navigate to selected submenu (e.g. "Audio").

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.

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.

NOTE:
Depending on the vehicles trim level, warning lights may vary.

Warning Lights					
	Air Bag		Battery Charge		Brake
	Door Open		Electronic Throttle Control (ETC)		Engine Coolant Temperature

Warning Lights					
	Hood Open		Low Engine Oil Pressure		Oil Temperature
	Seat Belt Reminder		Air Suspension Fault		Anti-Lock Brake System (ABS)
	Collision Warning (FCW) System Failure		Cruise Control Fault		Electronic Stability Control (ESC) Active
	Electronic Stability Control (ESC) OFF		Engine Check/Malfunction		Loose Fuel Filler Cap
	Low Coolant Level		Low Fuel		Service Adaptive Cruise Control (ACC) System
	Service LaneSense		Tire Pressure Monitoring System (TPMS)		Windshield Washer Liquid Level

Indicator Lights					
	Adaptive Cruise Control (ACC) Set With No Target Detected		Adaptive Cruise Control (ACC) Set With Target		Automatic Diesel Exhaust Brake
	Cruise Control Set		ECO Mode		Front Fog
	Left Turn Signal		LaneSense		Parking/Headlights On
	Right Turn Signal		4WD High		4WD Lock
	4WD Low		Air Suspension Alternate Trailer Height		Air Suspension Bed Lowering Mode
	Air Suspension Payload Protection		Air Suspension Ride Height Lowering		Air Suspension Ride Height Raising
	Cargo Lamp		Cold Ambient Derate Mode		Diesel Exhaust Brake

Indicator Lights					
	Forward Collision Warning (FCW) or Pedestrian Emergency Braking (PEB) Off		Front And Rear Axle Lock		Low Diesel Exhaust Fluid (DEF)
	Neutral		Rear Axle Lock		Snowplow Mode
	Sway Bar		Tow/Haul		Trailer Merge Assist
	Wait To Start		Water In Fuel		Adaptive Cruise Control (ACC) Ready
	Cruise Control Ready		Hill Descent Control (HDC)		LaneSense
	High Beam				

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 NAV Automatic And Manual Climate Control Buttons

Scan me

Automatic Climate Control Descriptions And Functions

MAX A/C Button

MAX A/C

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

A/C Button

A/C

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

Recirculation Button

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

Auto Button

AUTO

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

Front Defrost Button

FRONT

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

Rear Defrost Button

REAR

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



Press the heated seat button to cycle through HI, MED, LO, and off settings.

WARNING!

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

Front Ventilated Seats



Press the ventilated seat button to cycle through HI, MED, LO, and off settings.

Power Front Seats — If Equipped

Some models may be equipped with eight-way power driver and passenger seats. The power seat switches are located on the outboard side of the driver and passenger seat cushions. There are two power seat switches that are used to control the movement of the seat cushion and the seatback and one power lumbar switch.



Power Seat Switches

1 — Power Seat Switch
2 — Power Seatback Switch
3 — Power Lumbar Switch

WARNING!

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

(Continued)

Driver Memory Settings — If Equipped

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

Scan me

- Driver's seat
- Easy Entry/Exit seat operation (if equipped)
- Adjustable pedals (if equipped)
- Side mirrors
- A set of desired radio station presets

The driver memory settings switch is located on the driver door, next to the door handle, and consists of three buttons:

- The set (S) button, which is used to activate the memory save function.
- The (1) and (2) buttons which are used to recall either of two saved memory profiles.



Driver Memory Settings Buttons

Head Restraints

Did you know your vehicle may be equipped with front four-way driver and passenger head restraints?

Scan me

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.

Front Head Restraints

- To raise the head restraint, pull upward on the head restraint.
- To lower the head restraint, push the adjustment button, located at the base of the head restraint, while pushing downward on the head restraint.
- To adjust the head restraint forward, pull the top of the head restraint toward the front of the vehicle as desired and release. To adjust the head restraint rearward, pull the top of the head restraint to the forward most position and release. The head restraint will return to the rear most position.



Front Head Restraint Adjustment Button



Forward Adjustment

WARNING!

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

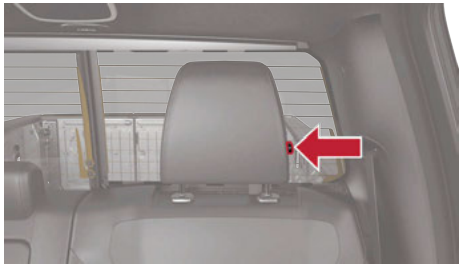
Rear Head Restraint Adjustment

The outboard head restraints are non-adjustable, but can be folded down for improved rearward visibility.

Push the button on the outboard side of the head restraint to release.

To return the head restraint to its upright position, push up on the head restraint until it locks back into place.

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



Rear Head Restraint Release Button

WARNING!

Sitting in a seat with the head restraint in its lowered position could result in serious injury or death in a collision. Always make sure the

(Continued)

WARNING!

outboard head restraints are in their upright positions when the seat is to be occupied.

LIGHTING OPERATION

Headlight Switch

The headlight switch is located on the left side of the instrument panel. This switch controls the operation of the headlights, parking lights, automatic headlights (if equipped), instrument panel light dimming, cargo light/trailer spotter lights (if equipped), and fog lights (if equipped).

For TRX Models: The headlight switch also controls the clearance lamps and the front and rear identification lamps. The clearance lamps and the front and rear identification lamps will turn on when the switch is in the On, AUTO, or parking lights position. These lamps are activated to allow other drivers to spot and identify the vehicle.



Headlight Switch

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

To turn on the headlights, rotate the headlight switch clockwise. When the headlight switch is on, the parking lights, taillights, license plate light and instrument panel lights are also turned on. To turn off the headlights, rotate the headlight switch back to 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?

To turn on this feature:

1. Within the Uconnect system, set “Auto Dim High Beams” to “ON”.
2. Place the headlight switch in the AUTO 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.

Automatic Headlights With Wipers

You can have your automatic headlights automatically turn on when the wiper system is on, provided that your headlights are in AUTO mode and the engine is running. You can turn this feature on/off in the Uconnect Settings.

If you have Rain Sensing Wipers, and they are on, the headlights will automatically turn on after the wipers complete five wipe cycles within approximately one minute.

WINDSHIELD WIPERS & WASHERS

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



Windshield Wiper/Washer 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 windshield washer, push the washer knob, located on the end of the multifunction lever, inward and hold. Washer fluid will be sprayed and the wipers will operate for two to three cycles after the washer knob is released.

Mist

Push the washer lever inward briefly and release. The wipers will cycle one time and automatically shut off.

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

(Continued)

CAUTION!

blades cannot return to the parked position, damage to the wiper motor may occur.

Rain Sensing Wipers — If Equipped

This feature senses rain or snowfall on the windshield and automatically activates the wipers.

Rotate the end of the multifunction lever to one of four detent positions to activate this feature.

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

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).

(Continued)

WARNING!

(Continued)

- Cannot take street, traffic, and weather conditions into account, and may be limited upon adverse sight distance conditions.
- Does not always fully recognize complex driving conditions, which can result in wrong or missing distance warnings.

You should turn the ACC system off:

- When driving in fog, heavy rain, heavy snow, sleet, heavy traffic, and complex driving situations (i.e., in highway construction zones).
- When entering a turn lane or highway off-ramp; when driving on roads that are winding, icy, snow-covered, slippery, or have steep uphill or downhill slopes.
- When towing a trailer up or down steep slopes.
- When circumstances do not allow safe driving at a constant speed.

The buttons on the left side of the steering wheel operate the ACC system.



Adaptive Cruise Control Buttons

1 — Distance Setting Increase
2 — Adaptive Cruise Control (ACC) On/Off
3 — Distance Setting Decrease

- **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.

WARNING!

If the Active Speed Limiter is active, 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**
  - You can deactivate the ACC by pressing Adaptive Cruise Control (ACC) on/off button, by pressing the Fixed Cruise Control on/off button, or 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 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 Increase button and release. Each time the button is pushed, the distance setting increases by one bar (longer).

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

Scan me

GARAGE DOOR OPENER (HOMELINK®)

The HomeLink® buttons are located in the overhead console or sun visor and contain three optional HomeLink® channels.

Scan me



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).

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.

(Continued)

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

NOTE:

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

Troubleshooting Tips

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

- Replace the battery in the garage door opener hand-held transmitter.
- Push the LEARN button on the garage door opener to complete the training for a rolling code.

- Did you unplug the device for programming and remember to plug it back in?

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

WARNING!

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

PARKING ASSISTANCE

ParkSense Front/Rear Park Assist System

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

Scan me



ParkSense Buttons

1 — ParkSense Rear
2 — ParkSense Front

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.

EXTERIOR OVERVIEW



1 — Exterior Camera Locations page 38
2 — DEF Filler Cap
3 — Fuel filler cap
4 — Emergency Tow Hook page 49

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 Vehicle button located on the bottom of the Uconnect display and then select the Camera menu.
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. You remain responsible at all times for parking safely while using the ParkView camera.
- 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.

Surround View Camera System — If Equipped



Press this button on the touchscreen to enter the Surround View Camera menu. When the vehicle is shifted into REVERSE, the Rear View and Top View is the default view of the system.

WARNING!

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

(Continued)

WARNING!

vehicles, obstructions, or blind spots before backing up. You are responsible for the safety of your surroundings and must continue to pay attention while backing up. Failure to do so can result in serious injury or death.

CAUTION!

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

Trailer Cameras — If Equipped

Trailer Surround View Camera System — If Equipped

The Trailer Surround View Camera system allows you to see an on-screen image of the

surroundings and the Top View of a trailer using four mountable cameras. This occurs whenever the More Cams button is selected, or when enabled through the Uconnect system. The image will be displayed on the Uconnect display along with a caution note “Check Entire Surroundings”. After five seconds, this note will disappear.

NOTE:

- Trailer Surround View Camera kit is only available for vehicles equipped with the Surround View Camera system.
- The Trailer Surround View Camera system has programmable settings that may be selected through the Uconnect system. ⇨ page 9

Set Up

The Trailer Surround View Camera system includes an installation kit with a Trailer Surround View Module and four Trailer Surround View Cameras that must be installed on your trailer prior to connecting to your vehicle. See the installation instructions included with the Trailer Surround View installation kit for more information.

Once the Trailer Surround View Module and cameras are installed and the trailer is connected to the vehicle via the 12-way connector, the Trailer Surround Camera settings can be accessed. The Trailer Surround Camera settings can be accessed through Uconnect Settings by pressing the Trailer button in the Trailer Settings or the Camera Settings. The system requires input of the trailer dimensions prior to use of the system.

NOTE:

- If a trailer is connected but the trailer dimensions have not been entered in the Trailer Surround settings page, the system will default to the settings page.
- If a trailer is not connected and any button is selected, a message will appear: “Connect Trailer Equipped With Trailer Surround View System”.
- If snow, ice, mud, or any foreign substance builds up on the camera lenses, clean the lenses, rinse with water, and dry with a soft cloth. Do not cover the lenses.
- If a malfunction with the system has occurred, see an authorized dealer.

WARNING!

Drivers must be careful when backing up even when using the Trailer Surround View Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You are responsible for the

(Continued)

WARNING!

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

HOOD

To Open The Hood

WARNING!

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

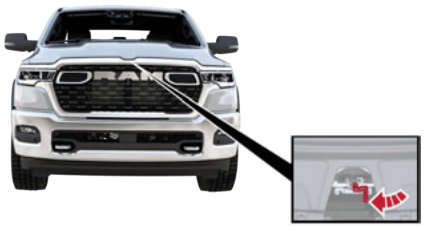
(Continued)

WARNING!

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, two latches must be released.

1. Pull the hood release lever located underneath the base of the instrument panel.
2. Move to the outside of the vehicle. Reach into the opening beneath the center of the hood and push the safety latch lever to the left to release it, before raising the hood.



Safety Latch Release Lever Location

NOTE:

- Vehicle must be at a stop and the gear selector must be in PARK.
- You may have to push down slightly on the hood before pushing the safety latch.
- 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.

To Close The Hood

To close the hood, pull downward in a continuous motion until the crossover point, where the gas props no longer hold the hood open, has been reached.

WARNING!

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

CAUTION!

To prevent possible damage, do not slam the hood to close it. Lower hood to approximately 10 – 14 inches (30 – 36 cm) and drop the hood to close. Make sure hood is fully closed and latched. Never drive vehicle unless hood is fully closed, and latched.

ASSIST AND SOS SYSTEM — IF EQUIPPED

If equipped, the overhead console may contain an ASSIST and an SOS button. Depending on the vehicles trim level, the overhead console may vary.



Assist And SOS Buttons

WARNING!

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

(Continued)

WARNING!

(Continued)

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 ⇨ page 7.
- The SOS and ASSIST buttons will only function if you are connected to an operable 4G (data) network, which comes as a built-in feature. Other services will only be operable if your Ram Connect service is active and you are connected to an operable 4G (data) network.

ASSIST Call

The ASSIST button is used to automatically connect you to any one of the following support centers:

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

SOS Call

1. Push 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 within the ASSIST and SOS buttons 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 an SOS Call.

- The vehicle brand.
- The last known GPS coordinates of the vehicle.

4. You should be able to speak with the SOS operator through the vehicle audio system to determine if additional help is needed.

WARNING!

ALWAYS obey traffic laws and pay attention to the road. ALWAYS drive safely with your hands on the steering wheel. You have full responsibility and assume all risks related to the use of the 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 help is needed. Once the SOS operator opens a voice connection with the vehicle's SOS Call system, the operator should be able to speak with you or other vehicle occupants and hear sounds occurring in the vehicle. The vehicle's SOS Call system will attempt to remain connected with the SOS operator until the SOS operator terminates the connection.

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

WARNING!

- If anyone in the vehicle could be in danger (e.g., fire or smoke is visible, dangerous road conditions or location), do not wait for voice contact from an Emergency Services Agent. All occupants should exit the vehicle immediately and move to a safe location.
- Never place anything on or near the vehicle's operable network and GPS antennas. You could prevent operable network and GPS signal reception, which can prevent your vehicle from placing an emergency call. An operable network and GPS signal reception is required for the SOS Call system to function properly.

(Continued)

WARNING!

- 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 OR RAM CONNECT FEATURES, APPS AND SERVICES, AMONG OTHERS, WILL NOT OPERATE.
- Modifications to any part of the SOS Call system could cause the air bag system to fail when you need it. You could be injured if the air bag system is not there to help protect you.

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.

JACKING AND TIRE CHANGING



WARNING!

- Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid the danger of being hit when operating the jack or changing the wheel.
- Being under a jacked-up vehicle is dangerous. The vehicle could slip off the jack and fall on you. You could be crushed. Never put any part of your body under a vehicle that is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.
- Never start or run the engine while the vehicle is on a jack.

(Continued)

WARNING!

- The jack is designed to be used as a tool for changing tires only. The jack should not be used to lift the vehicle for service purposes. The vehicle should be jacked on a firm level surface only. Avoid ice or slippery areas.
- The jack should be used on level firm ground wherever possible.
- It is recommended that the wheels of the vehicle be chocked, and that no person should remain in a vehicle that is being jacked.
- No person should place any portion of their body under a vehicle that is supported by a jack.

4500/5500 Models

These vehicles do not come equipped with a jack.

NOTE:

Jacking and tire changing on 4500/5500 models should be performed by an authorized dealer, or knowledgeable service personnel with the appropriate heavy duty equipment, like a tire service company.

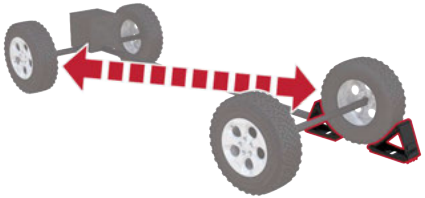
Preparations For Jacking

1. Park the vehicle on a firm, level surface. Avoid ice or slippery areas.

   WARNING!

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

2. Turn on the Hazard Warning Flashers.
3. Apply the parking brake.
4. Shift the transmission into PARK (P).
5. Turn the ignition OFF.
6. Block both front and rear of the wheel diagonally opposite of the jacking position. For example, if the driver's front wheel is being changed, block the passenger's rear wheel.



Wheel Blocked Example

NOTE:
Passengers should not remain in the vehicle when the vehicle is being raised or lifted.

Jacking Instructions 4500 And 5500 Series

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.

(Continued)

WARNING!

- Turn on the Hazard Warning Flashers.
- Apply the parking brake firmly and set the transmission in PARK.
- Block the wheel diagonally opposite the wheel to be raised.
- Never start or run the engine with the vehicle on a jack.
- Do not let anyone sit in the vehicle when it is on a jack.
- Do not get under the vehicle when it is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.
- Only use the jack in the positions indicated and for lifting this vehicle during a tire change.
- If working on or near a roadway, be extremely careful of motor traffic.
- To assure that spare tires, flat or inflated, are securely stowed, spares must be stowed with the valve stem facing the ground.
- The jack should be used on level firm ground wherever possible.

(Continued)

WARNING!

- It is recommended that the wheels of the vehicle be chocked, and that no person should be remain in a vehicle that is being jacked.
- No person should place any portion of their body under a vehicle that is supported by a jack.



Jack Warning Label

CAUTION!

Do not attempt to raise the vehicle by jacking on locations other than those indicated in the Jacking Instructions for this vehicle.

1. If equipped, remove the spare wheel and tools from storage.
2. Using the lug wrench, loosen, but do not remove, the lug nuts by turning them counterclockwise one turn while the wheel is still on the ground.
3. When changing the front wheel, place the jack under the axle as close to the tire as possible.



Front Jacking Locations

When changing a rear wheel, securely place the jack under the sway bar bracket (unless both tires are flat on one side, then place jack under shock bracket) facing forward in vehicle.



Rear Jacking Location

Before raising the wheel off the ground, make sure that the jack will not damage surrounding truck parts and adjust the jack position as required.

4. Raise the vehicle until the wheel just clears the surface.

WARNING!

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

5. Remove the lug nuts and pull the wheel off. For Single Rear-Wheel (SRW) models, Install the spare wheel and lug nuts with the cone shaped end of the nuts toward the wheel. For Dual Rear-Wheel (DRW) models, the lug nuts are a two-piece assembly with a flat face. Lightly tighten the nuts. To avoid risk of forcing the vehicle off the jack, do not fully tighten the nuts until the vehicle has been lowered.
6. Using the lug wrench, finish tightening the nuts using a crisscross pattern. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.

WARNING!

A loose tire or jack thrown forward in a collision or hard stop, could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided.

7. Install wheel center cap (if equipped) and remove wheel blocks. Do not install chrome or aluminum wheel center caps on the spare wheel. This may result in cap damage.
8. Lower the jack to its fully closed position. Stow the replaced tire and tools as previously described.
9. Adjust the tire pressure when possible.

10. 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.

    After 40 km, check the lug nut torque with a torque wrench to ensure that all lug nuts are properly seated against the wheel.

Dual Rear Wheels

Slots in the wheels will assist in properly orienting the inner and outer wheels. Align these slots when assembling the wheels for best access to the tire valve on the inner wheel. The tires of both dual wheels must be completely off the ground when tightening to ensure wheel centering and maximum wheel clamping.

Dual wheel models require a special heavy-duty lug nut tightening adapter (included with the vehicle) to correctly tighten the lug nuts. Also, when it is necessary to remove and install dual rear wheels, use a proper vehicle lifting device.

NOTE:

When installing a spare tire (if equipped) as part of a dual rear wheel end combination, the tire diameter of the two individual tires must be compared. If there is a significant difference, the larger tire should be installed in a front location. The correct direction of rotation for dual tire installations must also be observed.

It is recommended that wheel stud nuts be kept torqued to specifications at all times. Torque wheel stud nuts to specifications at each lubrication interval.

Wheel Nuts

All wheel nuts should be tightened occasionally to eliminate the possibility of wheel studs being sheared or the bolt holes in the wheels becoming elongated. This is especially important during the first few hundred miles/kilometers of operation to allow the wheel nuts to become properly set. All wheel nuts should first be firmly seated against the wheel. The wheel nuts should then be tightened to recommended torque. Tighten the wheel nuts to final torque in increments. Progress around the bolt circle, tightening the wheel nut opposite to the wheel nut just previously tightened until final torque is achieved.

JUMP STARTING

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

WARNING!

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

CAUTION!

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

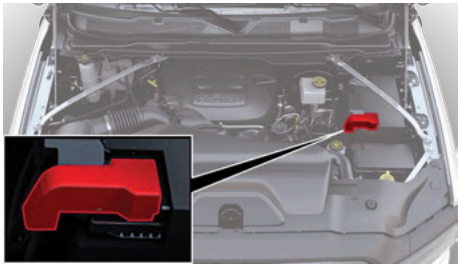
NOTE:

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

Preparations For Jump Start

The battery in your vehicle is located in the front of the engine compartment, behind the driver side headlight assembly.

If you have a diesel engine, you may have two batteries, jump start off the driver side battery.



Battery Location

If equipped, the positive battery post may be covered with a protective cap. Lift up on the cap to gain access to the positive battery post. Do not jump off fuses. Only jump directly off positive post which has a positive **(+)** symbol on or around the post.

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

WARNING!

- Take care to avoid the radiator cooling fan whenever the hood is raised. It can start anytime the ignition switch is ON. You can be injured by moving fan blades.
- Remove any metal jewelry such as rings, watch bands and bracelets that could make an inadvertent electrical contact. You could be seriously injured.
- Batteries contain sulfuric acid that can burn your skin or eyes and generate hydrogen gas which is flammable and explosive. Keep open flames or sparks away from the battery.
- Do not allow vehicles to touch each other as this could establish a ground connection and personal injury could result.

Jump Starting Procedure

WARNING!

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

CAUTION!

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

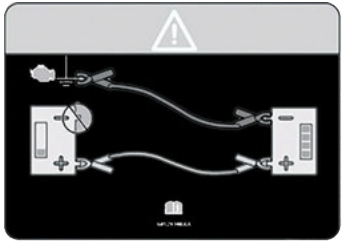
Connecting The Jumper Cables

1. Connect the positive **(+)** end of the jumper cable to the positive **(+)** post of the discharged vehicle.

   NOTE:
   Do not jump off fuses. Only jump directly off positive post.

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

CAUTION!

Do not connect jumper cable to any of the fuses on the positive battery terminal. The resulting electrical current will blow the fuse.

6. Once the engine is started, see the following disconnection 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 cap over the positive **(+)** post.

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

CAUTION!

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

MANUAL PARK RELEASE

8-Speed Transmission

In order to push or tow the vehicle in cases where the transmission will not shift out of PARK (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

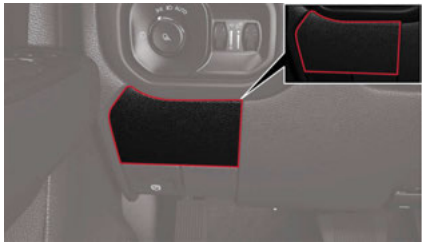
(Continued)

WARNING!

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 access cover, which is just above the parking brake release handle, below and to the left of the steering column.



Manual Park Release Access Cover

3. Using the screwdriver or similar tool, push the Manual Park Release lever locking tab (just below the middle of the lever) to the right.
4. While holding the locking tab in the disengaged position, pull the tether strap to rotate the lever rearward, until it locks in place pointing towards the driver's seat. Release the locking tab and verify that the Manual Park Release lever is locked in the released position.



Manual Park Release Tether

5. The vehicle is now out of PARK and can be towed. Release the parking brake only when the vehicle is securely connected to a tow vehicle.

To Reset The Manual Park Release:

1. Push the locking tab to the right, to unlock the lever.
2. Rotate the Manual Park Release lever forward to its original position, until the locking tab snaps into place to secure the lever.
3. Pull gently on the tether strap to confirm that the lever is locked in its stowed position.



Manual Park Release Tether In Stowed Position

4. Reinstall the access cover.

EMERGENCY TOW HOOKS — IF EQUIPPED

If your vehicle is equipped with tow hooks, they are mounted in the front 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

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. Do not use tow hooks for tow truck hookup or highway towing. You could damage your vehicle.

FREEING A STUCK VEHICLE

If your vehicle becomes stuck in mud, sand, or snow, it can often be moved using a rocking motion. Turn the steering wheel right and left to clear the area around the front wheels. Then shift back and forth between DRIVE (D) and REVERSE (R), while gently pressing the accelerator. Use the least amount of accelerator pedal pressure that will maintain the rocking motion, without spinning the wheels or racing the engine.

NOTE:

- For trucks equipped with an 8-speed transmission, shifts between DRIVE and REVERSE can only be achieved at wheel speeds of 5 mph (8 km/h) or less. Whenever the transmission remains in NEUTRAL (N) for more than two seconds, you must press the brake pedal to engage DRIVE or REVERSE.
- Push the ESC OFF button to place the Electronic Stability Control (ESC) system in "Partial OFF" mode, before rocking the vehicle. Once the vehicle has been freed, push the ESC OFF button again to restore "ESC On" mode.

WARNING!

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

CAUTION!

- Racing the engine or spinning the wheels may lead to transmission overheating and failure. Allow the engine to idle with the transmission in NEUTRAL for at least one minute after every five rocking-motion cycles. This will minimize overheating and reduce the risk of transmission failure during prolonged efforts to free a stuck vehicle.

(Continued)

CAUTION!

- When "rocking" a stuck vehicle by shifting between DRIVE and REVERSE, do not spin the wheels faster than 15 mph (24 km/h), or drivetrain damage may result.
- Revving the engine or spinning the wheels too fast may lead to transmission overheating and failure. It can also damage the tires. Do not spin the wheels above 30 mph (48 km/h) while in gear (no transmission shifting occurring).

IF YOUR ENGINE OVERHEATS

If the vehicle is overheating, it will need to be serviced by an authorized dealer.

Potential signs of vehicle overheating:

- Temperature gauge is at HOT (H)
- Strong smell of coolant
- White smoke coming from engine or exhaust
- Coolant bottle coolant has bubbles present

WARNING!

You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never try to open a cooling system pressure cap when the radiator or coolant bottle is hot.

If the temperature gauge is moving towards or close to the HOT (H) position, you can reduce the potential for overheating by taking the appropriate action.

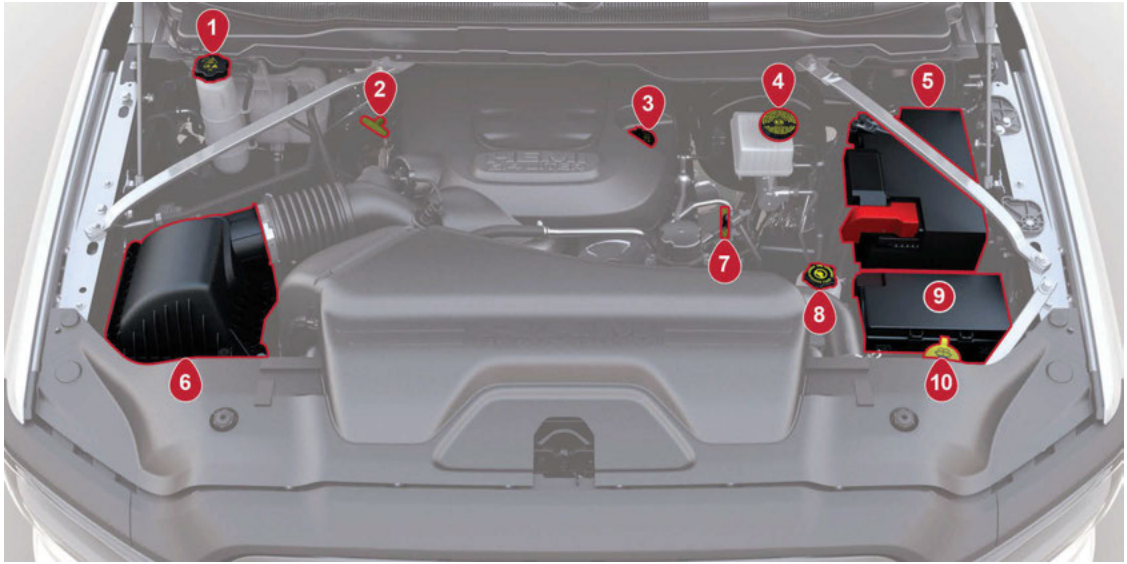
- On highways — slow down.
- In city traffic — while stopped, place the transmission in NEUTRAL (N), but do not increase the engine idle speed while preventing vehicle motion with the brakes.
- Turn off the A/C. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.
- Turn the temperature control to maximum heat, the mode control to floor and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.

CAUTION!

Driving with a hot cooling system could damage your vehicle. If the temperature gauge reads HOT (H), pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on HOT (H), and you hear continuous chimes, turn the engine off immediately and call for service.

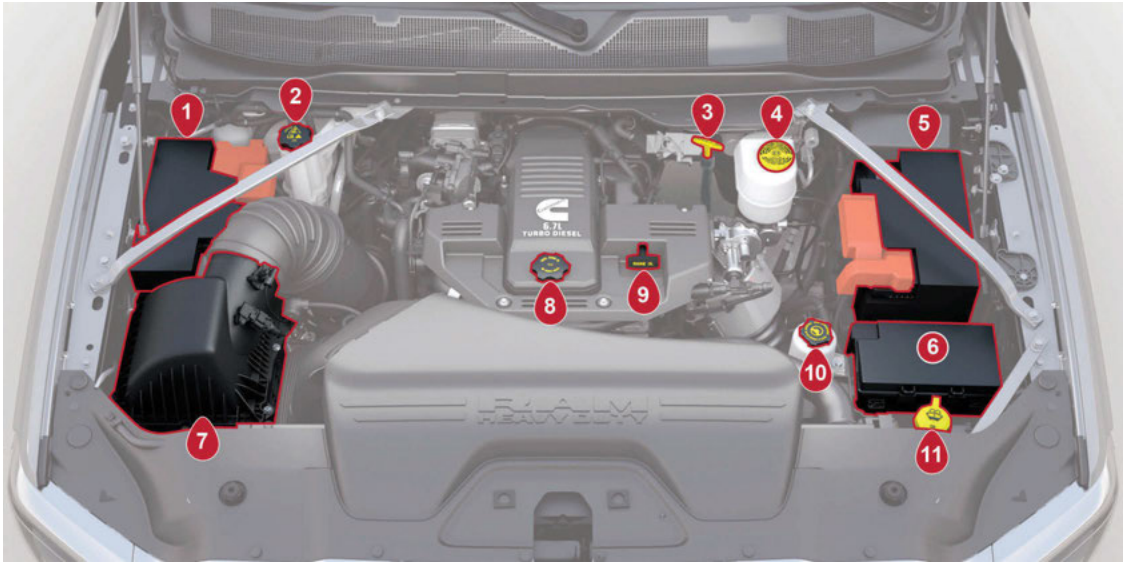
ENGINE COMPARTMENT OVERVIEW

6.4L Gasoline Engine



1 — Engine Coolant Pressure Cap
2 — Transmission Dipstick
3 — Engine Oil Filler Cap
4 — Brake Fluid Reservoir Cap
5 — Battery
6 — Engine Air Cleaner, Filter
7 — Engine Oil Dipstick
8 — Power Steering Fluid Cap
9 — Power Distribution Center
10 — Windshield Washer Fluid

6.7L Diesel Engine



1 — Battery
2 — Engine Coolant Reservoir Cap
3 — Automatic Transmission Dipstick
4 — Brake Fluid Reservoir Cap
5 — Battery
6 — Power Distribution Center (Fuses)
7 — Engine Air Cleaner, Filter
8 — Engine Oil Filler Cap
9 — Engine Oil Dipstick
10 — Power Steering Reservoir Cap
11 — Washer Fluid Reservoir Cap

FLUID CAPACITIES

6.4L GASOLINE ENGINE

	US	Metric
Fuel (Approximate)		
Standard Rear Tank	52 gal	197 L
Optional Midship Tank	22 gal	83 L
Engine Oil With Filter		
6.4L Engine	7 qt	6.6 L
Cooling System		
6.4L Engine	18.5 qt	17.5 L

6.7L DIESEL ENGINE

	US	Metric
Fuel (Approximate)		
Standard Rear Tank	52 gal	197 L
Optional Midship Tank	22 gal	83 L
Diesel Exhaust Fluid Tank (Approximate)	8.7 gal	33 L
Engine Oil With Filter		
6.7L Turbo Diesel Engine	12 qt	11.4 L
Cooling System		
6.7L Engine Chassis Cab 3500/4500 with AS69RC	22.3 qt	21.1 L
6.7L Engine Chassis Cab 5500 with AS69RC	22.8 qt	21.6 L

ENGINE FLUIDS AND LUBRICANTS

6.4L GASOLINE ENGINE

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).
Engine Oil	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	87 Octane (R+M)/2 Method, 0-15% Ethanol (Do not use E-85).

6.7L DIESEL ENGINE

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).
Engine Oil	In ambient temperatures above 0°F (-18°C), we recommend using 10W-30 engine oil such as Mopar®, Shell Rotella and Shell Rimula that meets the manufacturer Material Standard MS-10902 and the API CK-4 engine oil category is required. Products meeting Cummins® CES 20081 may also be used. The identification of these engine oils is typically located on the back of the oil container. In ambient temperatures below 0°F (-18°C), we recommend using 5W-40 **synthetic** engine oil such as Mopar®, Shell Rotella and Shell Rimula that meets the manufacturer Material Standard MS-10902 and the API CK-4 engine oil category is required.

Component	Fluid, Lubricant, or Genuine Part
Fuel Filters	We recommend using Mopar® Fuel Filter. Must meet 3 micron rating (engine mounted filter). Must meet 5 micron rating (chassis mounted filter). **Using a fuel filter that does not meet the manufacturer's filtration and water separating requirements can severely impact fuel system life and reliability.**
Crankcase Ventilation Filter	We recommend using Mopar® CCV Filter.
Fuel Selection	Use good quality diesel fuel from a reputable supplier in your vehicle. Federal law requires that you must fuel this vehicle with Ultra Low Sulfur Highway Diesel fuel (15 ppm Sulfur maximum) and prohibits the use of Low Sulfur Highway Diesel fuel (500 ppm Sulfur maximum) to avoid damage to the emissions control system. For most year-round service, Number 2 diesel fuel meeting ASTM specification D-975 Grade S15 will provide good performance. If climatized or diesel Number 1 ULSD fuel is not available, and you are operating below (20°F/-6°C), in sustained arctic conditions, Mopar® Premium Diesel Fuel Treatment (or equivalent) is recommended to avoid gelling. **This vehicle is fully compatible with biodiesel blends up to 5% biodiesel meeting ASTM specification D-975.** Pickup models, and Chassis Cab models configured with optional B20 capability, are additionally compatible with 20% biodiesel meeting ASTM specification D-7467.

Component	Fluid, Lubricant, or Genuine Part
Diesel Exhaust Fluid	Mopar® Diesel Exhaust Fluid (API Certified) (DEF) or equivalent that has been API Certified to the ISO 22241 standard. Use of fluids not API Certified to ISO 22241 may result in system damage. You can receive assistance in locating DEF in the United States by calling 866-RAM-INFO (866-726-4636). In Canada call 1–800–465–2001 (English) or 1–800–387–9983 (French).

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

(Continued)

CAUTION!

(Continued)

"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

CAUTION!

products, as they may not be compatible with the radiator engine coolant and may plug the radiator.

- This vehicle has not been designed for use with propylene glycol-based engine coolant (antifreeze). Use of propylene glycol-based engine coolant (antifreeze) is not recommended.

CHASSIS FLUIDS AND LUBRICANTS

6.4L GASOLINE ENGINE

Component	Fluid, Lubricant, or Genuine Part
Automatic Transmission – 8-Speed Automatic	Use only Mopar® ZF 8 & 9 Speed ATF Automatic Transmission Fluid, or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission.
Transfer Case	We recommend using Mopar® Transfer Case Lubricant for Borg Warner 44-44 and 44-45.
Front and Rear Axle	We recommend using SAE 75W-85 HD Ram GL-5 Synthetic Axle Lubricant. Limited slip additive is required for limited slip axles. If the axle fluid is not pre-mixed with limited slip additive we recommend using Mopar® MS-10111 Limited Slip Additive.
Brake Master Cylinder	We recommend using Mopar® DOT 3 and SAE J1703.
Power Steering Reservoir	We recommend using Mopar® Power Steering Fluid +4 or Mopar® ATF+4 Automatic Transmission Fluid.

6.7L DIESEL ENGINE

Component	Fluid, Lubricant, or Genuine Part
Automatic Transmission – 68RFE	Only use ATF+4 Automatic Transmission Fluid. Failure to use ATF+4 fluid may affect the function or performance of your transmission. We recommend Mopar® ATF+4 fluid.
Automatic Transmission – AS69RC	Only use Mopar® ASRC Automatic Transmission Fluid or equivalent. Failure to use the proper fluid may affect the function or performance of your transmission.
Transfer Case	We recommend using Mopar® BW44–44 Transfer Case Fluid.
Front and Rear Axle Fluid	We recommend using SAE 75W-85 HD Ram GL-5 Synthetic Axle Lubricant in 9.25 Front, 11.5 and 12.0 (Single Rear Wheel) Rear Axles. Limited slip additive is required for limited slip axles. We recommend using the pre-mixed Mopar® lubricant and limited slip additive. If the axle fluid is not pre-mixed with limited slip additive we recommend using Mopar® MS-10111 Limited Slip Additive.
Brake Master Cylinder	We recommend using Mopar® DOT 3 and SAE J1703.

SERVICING AND MAINTENANCE

Maintenance Plan

Refer to the Maintenance Plan for required maintenance. More frequent maintenance may be needed in severe conditions, such as dusty areas and very short trip driving. In some extreme conditions, additional maintenance not specified in the maintenance schedule may be required.

At Every Oil Change Interval As Indicated By Oil Change Indicator System
• Change the oil and filter.
• Rotate the tires at the first sign of irregular wear, even if it occurs before the oil indicator system turns on.
• Inspect the battery and clean and tighten terminals as required.
• Inspect the CV/Universal joints.
• Inspect the brake pads, shoes, rotors, drums, and hoses.
• Inspect the engine cooling system protection and hoses.
• Inspect the exhaust system.
• Inspect the engine air cleaner if using in dusty or off-road conditions, replace the engine air cleaner, as necessary.
• Deploy power side steps and clean linkages with high pressure car wash wand to remove any foreign debris. Apply MOPAR Spray White Lithium Grease to the pivot points.
• Inspect and replace the Evaporative System Fresh Air Filter as necessary; replacement may be more frequent if vehicle is operated in extreme dusty conditions.

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

Mileage Or Time Passed (Whichever Comes First)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional Inspections														
Inspect the CV/Universal joints.	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inspect front suspension, tie rod ends, and replace if necessary.	X		X		X		X		X		X		X	
Inspect the front and rear axle surfaces. If gear oil leakage is suspected, check the fluid level. If using your vehicle for police, taxi, fleet, off-road or frequent trailer towing, change axle fluid.		X			X			X			X			X
Inspect the brake linings, replace as necessary.	X		X		X		X		X		X		X	
Inspect transfer case fluid.														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 cabin air filter.	To be replaced every 12,000 miles (19,000 km).													
For severe dusty driving conditions, inspect and replace the Evaporative System Fresh Air Filter as necessary; replacement may be more frequent depending on conditions.	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Replace engine air cleaner filter.		X			X			X			X			X
If equipped with Stop/Start, replace accessory drive belt with OEM grade Mopar® belt.														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
Replace spark plugs. [1]									X					
Flush and replace the engine coolant at 10 years or 150,000 miles (240,000 km) whichever comes first.									X					X
Inspect the transfer case fluid, change for any of the following: police, taxi, fleet, or frequent trailer towing.					X						X			
Change the transfer case fluid.											X			
Inspect and replace PCV valve if necessary.									X					

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

WARNING!

- You can be badly injured working on or around a motor vehicle. Do only service work for which you have the knowledge and

(Continued)

WARNING!

the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

(Continued)

WARNING!

- 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.

Maintenance Plan — Diesel Engine

Mileage Or Time Passed (Whichever Comes First):	7,500	15,000	22,500	30,000	37,500	45,000	52,500	60,000	67,500	75,000	82,500	90,000	97,500	105,000	112,500	120,000	127,500	135,000	142,500	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
Or Kilometers:	12,000	24,000	36,000	48,000	60,000	72,000	84,000	96,000	108,000	120,000	132,000	144,000	156,000	168,000	180,000	192,000	204,000	216,000	228,000	240,000
Change engine oil every 15,000 miles (24,000 km) or 12 months or 500 Hours or sooner if prompted by the oil change indicator system, whichever comes first.		X		X		X		X		X		X		X		X		X		X
Additional Inspections																				

[2] Under no circumstances should oil change intervals exceed 15,000 miles (24,000 km) or 12 months or 500 Hours, whichever comes first.

Mileage Or Time Passed (Whichever Comes First):	7,500	15,000	22,500	30,000	37,500	45,000	52,500	60,000	67,500	75,000	82,500	90,000	97,500	105,000	112,500	120,000	127,500	135,000	142,500	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
Or Kilometers:	12,000	24,000	36,000	48,000	60,000	72,000	84,000	96,000	108,000	120,000	132,000	144,000	156,000	168,000	180,000	192,000	204,000	216,000	228,000	240,000
Check the Diesel Exhaust Fluid (DEF) tank, refill if necessary.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Rotate the tires.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inspect front end, and lubricate — If equipped with serviceable fittings.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inspect engine air cleaner filter, replace if necessary.		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

[3] Under no circumstances should the engine air cleaner filter exceed 30,000 miles (48,000 km) or 24 months, whichever comes first.

Mileage Or Time Passed (Whichever Comes First):	7,500	15,000	22,500	30,000	37,500	45,000	52,500	60,000	67,500	75,000	82,500	90,000	97,500	105,000	112,500	120,000	127,500	135,000	142,500	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
Or Kilometers:	12,000	24,000	36,000	48,000	60,000	72,000	84,000	96,000	108,000	120,000	132,000	144,000	156,000	168,000	180,000	192,000	204,000	216,000	228,000	240,000
Inspect the 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
Inspect the brake linings.			X			X			X			X			X			X		
Inspect and adjust parking brake.			X			X			X			X			X			X		
Inspect drive belt; replace as necessary.			X			X			X			X			X			X		
Inspect wheel bearings.				X				X				X				X				X
Additional Maintenance																				

Mileage Or Time Passed (Whichever Comes First):	7,500	15,000	22,500	30,000	37,500	45,000	52,500	60,000	67,500	75,000	82,500	90,000	97,500	105,000	112,500	120,000	127,500	135,000	142,500	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
Or Kilometers:	12,000	24,000	36,000	48,000	60,000	72,000	84,000	96,000	108,000	120,000	132,000	144,000	156,000	168,000	180,000	192,000	204,000	216,000	228,000	240,000
Replace the cabin air filter.	To be replaced every 12,000 miles (19,000 km).																			
Replace the engine fuel filter.		X		X		X		X		X		X		X		X		X		X
Replace the chassis mounted fuel filter.		X		X		X		X		X		X		X		X		X		X
Inspect the front and rear axle surfaces. If gear oil leakage is suspected, check the fluid level. If using your vehicle for police, taxi, fleet, off-road or frequent trailer towing change the axle fluid.			X			X			X			X			X			X		

Mileage Or Time Passed (Whichever Comes First):	7,500	15,000	22,500	30,000	37,500	45,000	52,500	60,000	67,500	75,000	82,500	90,000	97,500	105,000	112,500	120,000	127,500	135,000	142,500	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
Or Kilometers:	12,000	24,000	36,000	48,000	60,000	72,000	84,000	96,000	108,000	120,000	132,000	144,000	156,000	168,000	180,000	192,000	204,000	216,000	228,000	240,000
Inspect the transfer case fluid (4x4), change for any of the following: police, taxi, fleet, or frequent trailer towing.				X				X				X				X				X
Change the transfer case fluid (4x4).								X								X				
Change automatic transmission fluid (AS69RC transmission only).				X				X				X				X				
Change automatic transmission fluid and sump filter (AS69RC transmission only).								X								X				
Change automatic transmission fluid and filter(s).																X				

Mileage Or Time Passed (Whichever Comes First):	7,500	15,000	22,500	30,000	37,500	45,000	52,500	60,000	67,500	75,000	82,500	90,000	97,500	105,000	112,500	120,000	127,500	135,000	142,500	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
Or Kilometers:	12,000	24,000	36,000	48,000	60,000	72,000	84,000	96,000	108,000	120,000	132,000	144,000	156,000	168,000	180,000	192,000	204,000	216,000	228,000	240,000
Replace Crankcase Ventilation Filter (CCV).										X										X
Flush and replace power steering fluid.													X							
Flush and replace engine coolant. ***																				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.

(Continued)

WARNING!

- 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.

CAUTION!

***The manufacturer highly recommends that all cooling system service, maintenance, and repairs be performed by your local authorized dealer.

Oil Life Reset



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

NOTE:
Use the steering wheel instrument cluster display controls for the following procedure.

Oil Life Reset Procedure

1. Without pushing the brake pedal, push the ENGINE START/STOP button and place the ignition to the ON/RUN position (do not start the engine).
2. Push and release the **down** ▽ arrow button to scroll downward through the main menu to “Vehicle Info.”
3. Push and release the **right** ▷ arrow button to access the ”Vehicle Info” screen, then scroll up or down to select “Oil Life.”
4. Push and hold the **right** ▷ arrow button to select “Reset”.
5. Push and release the **down** ▽ arrow button to select “Yes,” then push and release the **right** ▷ arrow button to reset the Oil Life to 100%.
6. Push and release the **up** △ arrow button to exit the instrument cluster display screen.

Secondary Method Of Resetting Engine Oil Life

1. Without pressing the brake pedal, push the ENGINE START/STOP button and place 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. Without pushing the brake pedal, push the ENGINE START/STOP button once to return 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. Wide-open throttle acceleration in low gear can be detrimental and should be avoided.

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

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

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

problem. Please check your oil level with the engine oil indicator often during the break in period. Add oil as required.

Engine Break-In Recommendations — Diesel Engine

The Cummins® Turbo Diesel engine does not require a break-in period due to its construction. Normal operation is allowed, providing the following recommendations are followed:

- Warm up the engine before placing it under load.
- Do not operate the engine at idle for prolonged periods.
- Use the appropriate transmission gear to prevent engine lugging.
- Observe vehicle oil pressure and temperature indicators.
- Check the coolant and oil levels frequently.
- Vary throttle position at highway speeds when carrying or towing significant weight.

NOTE:
Light duty operation such as light trailer towing or no load operation will extend the time before the engine is at full efficiency. Reduced fuel economy and power may be seen at this time.

Because of the construction of the Cummins® Turbo Diesel engine, engine run-in is enhanced by loaded operating conditions which allow the engine parts to achieve final finish and fit during the first 6,000 miles (10,000 km).

TRAILER TOWING

In this section you will find safety tips and information on limits to the type of towing you can reasonably do with your vehicle. Before towing a trailer, carefully review this information to tow your load as efficiently and safely as possible.

To maintain the New Vehicle Limited Warranty coverage, follow the requirements and recommendations in this manual concerning vehicles used for trailer towing.

Trailer Hitch Type and Maximum Trailer Weight

The following chart provides the industry standard for the maximum trailer weight a given trailer hitch class can tow and should be used to assist you in selecting the correct trailer hitch for your intended towing condition.

Trailer Hitch Classification Definitions	
Class	**Max. Trailer Hitch Industry Standards**
Class I - Light Duty	2,000 lb (907 kg)
Class II - Medium Duty	3,500 lb (1,587 kg)
Class III - Heavy Duty	6,000 lb (2,722 kg)

Trailer Hitch Classification Definitions	
Class IV - Extra Heavy Duty	10,000 lb (4,535 kg)
Fifth-Wheel/Gooseneck	Greater than 10,000 lb (4,535 kg)
Refer to the “Trailer Towing Weights (Maximum Trailer Weight Ratings)” for the Maximum Gross Trailer Weight (GTW) towable for your given drivetrain.	
All trailer hitches should be professionally installed on your vehicle.	

Trailer Towing Weights (Maximum Trailer Weight Ratings)

NOTE:
For trailer towing information (maximum trailer weight ratings) refer to the following website addresses:

- ramtrucks.com/towing/towing-guide
- ramtruck.ca (Canada)

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DRIVING AND ALCOHOL

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

WARNING

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

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

This Owner Handbook has been prepared to help you get acquainted with your new RAM brand vehicle and to provide a convenient reference source for common questions.

Not all features shown in this manual may apply to your vehicle. For additional information, visit www.ramtrucks.com (USA), www.ramtruck.ca (Canada) or your local RAM brand dealer.

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.

U.S. Residents: If you are the first registered retail owner of your vehicle, you may obtain a complimentary printed copy of the Warranty Booklet by calling 844-253-2872 or by contacting your dealer. Replacement kits can be purchased by visiting www.techauthority.com.

Canadian Residents: If you are the first registered retail owner of your vehicle, you may obtain a complimentary printed copy of the Warranty Booklet or purchase a replacement kit by calling 1-800-387-1143 or by contacting your dealer.



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