

Jeep

2019 RENEGADE USER GUIDE



Important


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

If you are the first registered retail owner of your vehicle, you may obtain a complimentary printed copy of the Warranty Booklet by calling **1-877-426-5337** (U.S.) or **1-800-387-1143** (Canada) or by contacting your dealer.

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 collision. Texting while driving is also dangerous and should never be done while the vehicle is moving.

If you find yourself unable to devote your full attention to vehicle operation, pull off the road to a safe location and stop your vehicle. Some states or provinces prohibit the use of cellular telephones or texting while driving. It is always the driver’s responsibility to comply with all local laws.

 **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**.

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

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

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

obligation upon itself to install them on products previously manufactured.

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

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

HOW TO FIND YOUR OWNER'S MANUAL ONLINE

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


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

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

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

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

www.owners.mopar.ca (Canadian Residents)

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

HOW TO USE THIS MANUAL

Essential Information

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

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

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

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

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

Symbols

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

ROLLOVER WARNING

Utility vehicles have a significantly higher rollover rate than other types of vehicles. This vehicle has a higher ground clearance and a higher center of gravity than many passenger vehicles. It is capable of performing better in a wide variety of off-road applications. Driven in an unsafe manner, all vehicles can go out

of control. Because of the higher center of gravity, if this vehicle is out of control it may roll over while some other vehicles may not.

Do not attempt sharp turns, abrupt maneuvers, or other unsafe driving actions that can cause loss of vehicle control. Failure to operate this vehicle safely may result in a collision, rollover of the vehicle, and severe or fatal injury. Drive carefully.



Rollover Warning Label

Failure to use the driver and passenger seat belts provided is a major cause of severe or fatal injury. In fact, the U.S. government notes that the universal use of existing seat belts could cut the highway death toll by 10,000 or more each year and could reduce disabling injuries by two million annually. In

a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt. Always buckle up.












WARNINGS AND CAUTIONS

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

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

VEHICLE CHANGES/ ALTERATIONS

IMPORTANT: Any change or alteration of the vehicle might seriously affect its safety and road holding, thus causing accidents, in which the occupants could even be fatally injured.

GRAPHICAL TABLE OF CONTENTS	
GETTING TO KNOW YOUR VEHICLE	
GETTING TO KNOW YOUR INSTRUMENT PANEL	
SAFETY	
STARTING AND OPERATING	
IN CASE OF EMERGENCY	
SERVICING AND MAINTENANCE	
TECHNICAL SPECIFICATIONS	
MULTIMEDIA	
CUSTOMER ASSISTANCE	
INDEX	

WELCOME FROM FCA US LLC

HOW TO FIND YOUR OWNER'S MANUAL ONLINE 1

HOW TO USE THIS MANUAL

HOW TO USE THIS MANUAL 2

Essential Information 2

Symbols 2

ROLLOVER WARNING 2

WARNINGS AND CAUTIONS 3

VEHICLE CHANGES/ALTERATIONS 3

GRAPHICAL TABLE OF CONTENTS

INSTRUMENT PANEL 10

INTERIOR 11

GETTING TO KNOW YOUR VEHICLE

KEYS 12

Key Fob With Remote Control 12

IGNITION SWITCH 13

Models With Keyless Enter-N-Go — Passive

Entry 13

REMOTE STARTING SYSTEM — IF EQUIPPED 14

How To Use Remote Start 15

To Enter Remote Start Mode 15

General Information 16

VEHICLE SECURITY ALARM — IF EQUIPPED 16

To Arm The System 16

To Disarm The System 16

Disabling 17

DOORS 17

Keyless Enter-N-Go — Passive Entry — If

Equipped 17

Child Locks 21

SEATS 22

Manual Rear Seat Adjustment 22

Heated Seats — If Equipped 24

Unfolding The Rear Armrest 40/20/40 24

HEAD RESTRAINTS 25

Front Head Restraints 25

Rear Head Restraints 26

STEERING WHEEL 26

Tilt/Telescoping Steering Column 26

Heated Steering Wheel — If Equipped 27

EXTERIOR LIGHTS 27

Headlights 27

Daytime Running Lights (DRL) — If

Equipped 28

High Beams 28

Flash-To-Pass 28

Automatic Headlights — If Equipped 28

Automatic High Beam Headlamp Control — If

Equipped 29

Parking Lights 29

Headlight Delay 29

Front Fog Lights — If Equipped 30

Turn Signals 30

WIPERS AND WASHERS 30

Front Wiper Operation 31

Rain Sensing Wipers — If Equipped 31

Rear Wiper Operation 32

CLIMATE CONTROLS 34

Automatic Climate Control Overview 34

Climate Control Functions 42

Automatic Temperature Control (ATC) 42

Operating Tips 43

WINDOWS 43

Power Window Controls 43

Auto-Down Feature 44

Auto-Up Feature With Auto-Reverse Protection —

If Equipped 45

Wind Buffeting 45

POWER MY SKY SUN ROOF 45

Power My Sky Operation 45

Emergency Open/Close 46

POWER GLASS SUNROOF WITH POWER SHADE — IF**EQUIPPED 47**

Opening 48

Closing 48

Power Sun Shade 48

Auto Reverse Feature 48

Sunroof Maintenance 49

HOOD 49

To Open The Hood 49

To Close The Hood 49

LIFTGATE 50

Opening 50

Closing 50

INTERNAL EQUIPMENT 51

Power Outlet 51

Power Inverter — If Equipped 51

ROOF LUGGAGE RACK — IF EQUIPPED 52**GETTING TO KNOW YOUR INSTRU-****MENT PANEL****INSTRUMENT CLUSTER DISPLAY 54**

Instrument Cluster Display Controls 54

Oil Change Reset 55

Instrument Cluster Display Menu Items 55

Instrument Cluster Display Selectable Items 55

TRIP COMPUTER 56**WARNING/INDICATOR LIGHTS AND MESSAGES 56**

Red Warning Lights 57

Yellow Warning Lights	60
Yellow Indicator Lights	63
White Indicator Lights	65
Blue Indicator Lights	65
Green Indicator Lights	65
Gray Indicator Lights	66
ONBOARD DIAGNOSTIC SYSTEM (OBD II)	66
Onboard Diagnostic System (OBD II)	
Cybersecurity	67
EMISSIONS INSPECTION AND MAINTENANCE PROGRAMS	67
SAFETY	
SAFETY FEATURES	69
Anti-Lock Brake System (ABS)	69
Electronic Brake Control System	70
AUXILIARY DRIVING SYSTEMS	78
Blind Spot Monitoring (BSM) — If Equipped	78
Forward Collision Warning (FCW) With Mitigation	
Operation — If Equipped	81
Tire Pressure Monitor System (TPMS)	85
OCCUPANT RESTRAINT SYSTEMS	91
Occupant Restraint Systems	91
Important Safety Precautions	91
Seat Belt Systems	92
Supplemental Restraint Systems (SRS)	99
Child Restraints	110
Transporting Pets	121
SAFETY TIPS	121
Transporting Passengers	121
Exhaust Gas	122
Safety Checks You Should Make Inside The Vehicle	122
Periodic Safety Checks You Should Make Outside The Vehicle	124

STARTING AND OPERATING

STARTING THE ENGINE	125
Stopping The Engine	125
ENGINE BREAK-IN RECOMMENDATIONS	126
ELECTRIC PARK BRAKE (EPB)	126
Auto Park Brake	128
SafeHold	128
Brake Service Mode	128
MANUAL TRANSMISSION	129
Shifting	130
Downshifting	131
NINE-SPEED AUTOMATIC TRANSMISSION	132
Gear Selector	134
Gear Ranges	134
Transmission Limp Home Mode	138
Ignition Park Interlock	138
Brake/Transmission Shift Interlock System	139
FOUR WHEEL DRIVE	139
Four Wheel Drive (4x4)	139
SELEC-TERRAIN	140
Mode Selection Guide	140
SPEED CONTROL	141
Activation	142
Setting A Desired Speed	142
Resume Speed	143
Deactivation	143
ADAPTIVE CRUISE CONTROL (ACC) — IF EQUIPPED	143
To Activate/Deactivate	144
Activating Adaptive Cruise Control (ACC)	144
To Set A Desired ACC Speed	145
To Cancel	145
To Resume	145
To Vary The Speed Setting	145

Setting The Following Distance In ACC	147
General Information	147
REAR PARKSENSE	147
Rear ParkSense Sensors	147
Enabling And Disabling Rear ParkSense	148
Operation With A Trailer	149
ParkSense System Usage Precautions	149
FRONT AND REAR PARKSENSE — IF EQUIPPED	150
ParkSense Sensors	150
Enabling And Disabling ParkSense	151
Side Distance Warning System	151
PARKSENSE ACTIVE PARK ASSIST SYSTEM — IF EQUIPPED	153
Enabling And Disabling The ParkSense Active Park Assist System	153
Exiting The Parking Space	154
LANESENSE	156
LaneSense Operation	156
Turning LaneSense On Or Off	157
LaneSense Warning Message	157
Changing LaneSense Status	159
REAR BACK UP CAMERA	159
ADDING FUEL	160
TRAILER TOWING	162
Trailer Towing Weights (Maximum Trailer Weight Ratings)	162
RECREATIONAL TOWING	162
Towing This Vehicle Behind Another Vehicle	162
Recreational Towing	163
IN CASE OF EMERGENCY	
HAZARD WARNING FLASHERS	164
BULB REPLACEMENT	164



Replacement Bulbs	164
FUSES	166
Engine Compartment Fuses/Distribution Unit	166
Body Computer Fuse Center	169
Rear Cargo Fuse/Relay Distribution Unit	171
JACKING AND TIRE CHANGING	172
Jack Location/Spare Tire Stowage	172
Preparations For Jacking	173
Jacking Instructions	173
Road Tire Installation	176
TIRE SERVICE KIT — IF EQUIPPED	177
Tire Service Kit Storage	177
Tire Service Kit Components And Operation	177
Tire Service Kit Usage Precautions	178
Replacing The Sealant	179
JUMP STARTING	180
Preparations For Jump Start	180
Jump Starting Procedure	181
REFUELING IN EMERGENCY	182
IF YOUR ENGINE OVERHEATS	182
GEAR SELECTOR OVERRIDE	183
FREEING A STUCK VEHICLE	183
TOWING A DISABLED VEHICLE	185
Front Wheel Drive (FWD)	186
Four Wheel Drive (4WD)	186
Emergency Tow Hooks — If Equipped	186
ENHANCED ACCIDENT RESPONSE SYSTEM (EARS)	187
EVENT DATA RECORDER (EDR)	187
SERVICING AND MAINTENANCE	
SCHEDULED SERVICING	188
Maintenance Plan	188

ENGINE COMPARTMENT	193
1.3L Turbo Engine	193
2.4L Engine	194
Checking Oil Level	195
Cooling System	195
Adding Washer Fluid	196
Brake System	196
Manual Transmission — If Equipped	197
Automatic Transmission — If Equipped	197
Maintenance-Free Battery	198
DEALER SERVICE	198
Windshield Wiper Blades	199
RAISING THE VEHICLE	200
TIRES	200
Tire Safety Information	200
Tires — General Information	208
Tire Types	212
Spare Tires — If Equipped	213
Wheel And Wheel Trim Care	215
Tire Chains (Traction Devices)	216
Tire Rotation Recommendations	217
DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES	217
Treadwear	218
Traction Grades	218
Temperature Grades	218
STORING THE VEHICLE	219
BODYWORK	220
Preserving The Bodywork	220
INTERIORS	220
Seats And Fabric Parts	220
Plastic And Coated Parts	221
Leather Parts	221
Glass Surfaces	222

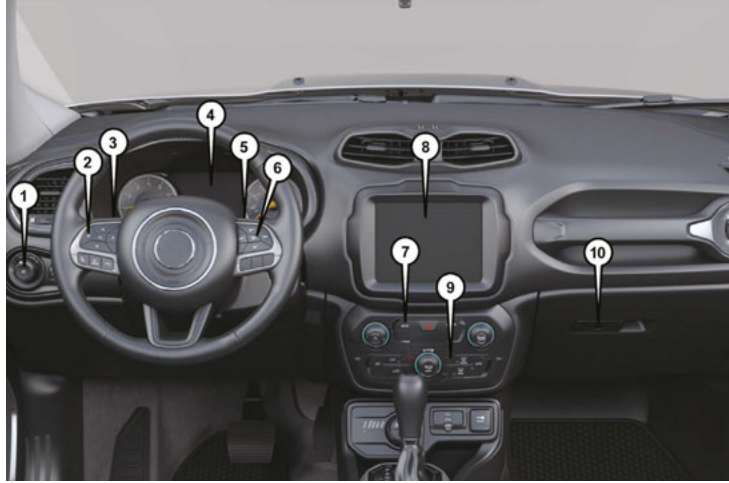
TECHNICAL SPECIFICATIONS

VEHICLE IDENTIFICATION	223
Chassis Number	223
WHEEL AND TIRE TORQUE SPECIFICATIONS	223
Torque Specifications	223
FUEL REQUIREMENTS	224
1.3L Turbo Engine	224
2.4L Engine	224
Materials Added To Fuel	225
FLUID CAPACITIES	225
FLUIDS AND LUBRICANTS	226
Engine	226
Chassis	227
MOPAR ACCESSORIES	227
Authentic Accessories By Mopar	227
MULTIMEDIA	
CYBERSECURITY	229
UCONNECT 3 WITH 5-INCH DISPLAY — IF EQUIPPED	230
Uconnect 3 With 5-inch Display At A Glance	230
Clock Setting	231
Audio Setting	231
Radio Operation	232
Voice Text Reply (Not Compatible With iPhone)	232
UCONNECT 4 WITH 7-INCH DISPLAY	233
Uconnect 4 At A Glance	233
Drag & Drop Menu Bar	235
Radio	236
Android Auto — If Equipped	237
Apple CarPlay Integration — If Equipped	238
UCONNECT 4C/4C NAV WITH 8.4-INCH DISPLAY	240

Uconnect 4C/4C NAV At A Glance	240	Taking A Detour	263	Register (4C/4C NAV)	281
Drag & Drop Menu Bar	241	SiriusXM Traffic Plus (4C NAV With 8.4-inch Display)	263	Vehicle Health Report/Alert (4C/4C NAV)	281
Radio	242	SiriusXM Travel Link (4C NAV With 8.4-inch Display)	263	Mobile App (4C/4C NAV)	282
Android Auto — If Equipped	243	UCONNECT PHONE	265	SiriusXM Travel Link (4C NAV)	282
Apple CarPlay Integration — If Equipped	247	Uconnect Phone (Bluetooth Hands Free Calling)	265	Siri Eyes Free — If Equipped	283
UCONNECT SETTINGS	249	Pairing (Wirelessly Connecting) Your Mobile Phone To The Uconnect System	268	Using Do Not Disturb	283
TIPS CONTROLS AND GENERAL INFORMATION	250	Common Phone Commands (Examples)	271	Android Auto — If Equipped	283
Steering Wheel Audio Controls	250	Mute (Or Unmute) Microphone During Call	272	Apple CarPlay — If Equipped	284
Reception Conditions	250	Transfer Ongoing Call Between Handset And Vehicle	272	General Information	285
Care And Maintenance	250	Phonebook	272	Additional Information	286
Anti-Theft Protection	250	Voice Command Tips	272	CUSTOMER ASSISTANCE	
SIRIUSXM GUARDIAN — IF EQUIPPED	251	Changing The Volume	272	SUGGESTIONS FOR OBTAINING SERVICE FOR YOUR VEHICLE	287
SiriusXM Guardian — If Equipped (Available on Uconnect 4C/4C NAV With 8.4-inch Display)	251	Using Do Not Disturb	272	Prepare For The Appointment	287
SiriusXM Guardian Activation	252	Incoming Text Messages	273	Prepare A List	287
Download The Uconnect App	252	Helpful Tips And Common Questions To Improve Bluetooth Performance With Your Uconnect System	274	Be Reasonable With Requests	287
Renewing Subscriptions (Uconnect 4C/4C NAV With 8.4-inch Display)	253	UCONNECT VOICE RECOGNITION QUICK TIPS	275	IF YOU NEED ASSISTANCE	287
Maintaining Your SiriusXM Guardian Account	253	Introducing Uconnect	275	FCA US LLC Customer Center	288
Built-In Features	253	Get Started	275	FCA Canada Inc. Customer Center	288
SiriusXM Guardian Remote Features	256	Basic Voice Commands	276	In Mexico Contact	288
USB/MEDIA PLAYER CONTROL — IF EQUIPPED	258	Radio	276	Puerto Rico And U.S. Virgin Islands	288
NAVIGATION — IF EQUIPPED	258	Media	277	Customer Assistance For The Hearing Or Speech Impaired (TDD/TTY)	288
Changing The Navigation Voice Prompt	259	Phone	278	Service Contract	288
Volume	259	Voice Text Reply — If Equipped	279	WARRANTY INFORMATION	289
Finding Points Of Interest	261	Climate	280	MOPAR PARTS	289
Finding A Place By Spelling The Name	261	Navigation (4C NAV) — If Equipped	280	REPORTING SAFETY DEFECTS	289
One-Step Voice Destination Entry	261	SiriusXM Guardian (4C/4C NAV) — If Equipped	281	In The 50 United States And Washington, D.C.	289
Setting Your Home Location	261			In Canada	290
Home	261			PUBLICATION ORDER FORMS	290
Adding A Stop	263			INDEX	291



INSTRUMENT PANEL



Instrument Panel

- | | |
|--|------------------------|
| 1 — Headlight Switch | 6 — Speed Controls |
| 2 — Instrument Cluster Display Controls | 7 — Switch Panel |
| 3 — Multifunction Lever (Behind Steering Wheel) | 8 — Uconnect System |
| 4 — Instrument Cluster | 9 — Climate Controls |
| 5 — Windshield Wiper Lever (Behind Steering Wheel) | 10 — Glove Compartment |

INTERIOR



Interior Features

- 1 — Door Handles
- 2 — Door Locks / Window Switches
- 3 — Seats

- 4 — Selec-Terrain Switch
- 5 — Gear Selector
- 6 — AUX Jack



KEYS

Your vehicle uses a keyless ignition system. The ignition system consists of a key fob with Remote Keyless Entry (RKE) and a START/STOP push button ignition system. The Remote Keyless Entry system consists of a key fob and Keyless Enter-N-Go feature if equipped.

NOTE:

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

Key Fob With Remote Control

The key fob with Remote Control contains a Remote Keyless Entry feature. The Remote Keyless Entry system allows you to lock or unlock the doors and liftgate or activate the Panic Alarm from distances up to approximately 66 ft (20 m) using a handheld key fob. The key fob does not need to be pointed at the vehicle to activate the system.

Key Fobs



Keyless Ignition Key Fob

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

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

To Unlock The Doors And Liftgate

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

All doors can be programmed to unlock on the first push of the unlock button. Refer to "Uconnect Settings" in "Multimedia" in the Owner's Manual for further information.

NOTE:

If the vehicle is unlocked by a key fob, and no door is opened within 60 seconds, the vehicle will re-lock and if equipped, the security alarm will arm.

To Lock The Doors And Liftgate

Push and release the lock button on the key fob to lock all doors and liftgate.

The turn signal lights will flash and the horn will chirp to acknowledge the signal. Refer to “Uconnect Settings” located in “Multimedia” for further programmable information.

If the vehicle is equipped with Passive Entry, refer to “Keyless Enter-N-Go — Passive Entry” located in “Doors” in “Getting To Know Your Vehicle” for further information.

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

If one or more doors are open, or the liftgate is open, the doors will lock. The doors will unlock again automatically if the key is left inside the passenger compartment, otherwise the doors will stay locked.

Request For Additional Key Fobs

NOTE:

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

WARNING!

- Always remove the key fobs from the vehicle and lock all doors when leaving the vehicle unattended.
- Always remember to place the ignition in the OFF mode.

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

NOTE:

- When having the Sentry Key Immobilizer System serviced, bring all vehicle keys with you to an authorized dealer.
- Keys must be ordered to the correct key cut to match the vehicle locks.

General Information

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

This device complies with Part 15 of the FCC Rules and with Industry Canada license-

exempt RSS standard(s). Operation is subject to the following two conditions:

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

NOTE:

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

IGNITION SWITCH

Models With Keyless Enter-N-Go — Passive Entry

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

The push button ignition has three operating positions. The three positions are OFF, ON, and RUN.



NOTE:

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



START/STOP Ignition Button

NOTE:

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

WARNING!

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

WARNING!

heat build-up may cause serious injury or death.

CAUTION!

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

NOTE:

For further information, refer to "Starting The Engine," in "Starting And Operating" in the Owner's Manual.

REMOTE STARTING SYSTEM – IF EQUIPPED



Push the remote start button on the key fob twice within five seconds. Pushing the remote start button a third time shuts the engine off.

To drive the vehicle, push the START/STOP button to turn the ignition to the ON/RUN mode.

NOTE:

- With remote start, the engine will only run for 15 minutes (timeout) unless the ignition is placed in the ON/RUN mode.
- The vehicle must be started with the key after two consecutive timeouts.

How To Use Remote Start

- Push Remote Start button on the key fob twice within five seconds. Pushing the Remote Start button a third time shuts the engine off.
- To drive the vehicle, push unlock button, and place the ignition in the ON/RUN position.
- With remote start, the engine will only run for 15 minutes (timeout) unless the ignition key is placed in the ON/RUN position.
- The vehicle must be started with the key after two consecutive timeouts.

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

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

WARNING!

- Do not start or run an engine in a closed garage or confined area. Exhaust gas contains Carbon Monoxide (CO) which is odorless and colorless. Carbon Monoxide is poisonous and can cause serious injury or death when inhaled.

WARNING!

- Keep key fobs away from children. Operation of the Remote Start System, windows, door locks or other controls could cause serious injury or death.

To Enter Remote Start Mode

Push and release the Remote Start button on the key fob twice within five seconds. The vehicle doors will lock, the turn signals will flash twice, and the horn will chirp twice. Then the engine will start, and the vehicle will remain in the Remote Start mode for a 15-minute cycle.

NOTE:

- If an engine fault is present or fuel level is low, the vehicle will start and then shut down in 10 seconds.
- The park lamps will turn on and remain on during Remote Start mode.
- For security, power window operation is disabled when the vehicle is in the Remote Start mode.



- The engine can be started two consecutive times (two 15-minute cycles) with the key fob. However, the ignition must be placed in the ON/RUN position before you can repeat the start sequence for a third cycle.

General Information

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

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

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

NOTE:

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

VEHICLE SECURITY ALARM — IF EQUIPPED

The vehicle security alarm monitors the vehicle doors, hood, liftgate, and the Keyless Enter-N-Go — Ignition for unauthorized operation. While the vehicle security alarm is armed, interior switches for door locks and liftgate release are disabled. If something triggers the alarm, the vehicle security alarm will provide the following audible and visible signals:

- The horn will pulse.
- The turn signals will flash.
- The vehicle security light in the instrument cluster will flash.

To Arm The System

Follow these steps to arm the vehicle security alarm:

1. Make sure the vehicle's ignition is placed in the "OFF" mode.
2. Perform one of the following methods to lock the vehicle:

- Push the lock button on the interior power door lock switch with the driver and/or passenger door open.
- Push the lock button on the exterior Passive Entry Door Handle with a valid key fob available in the same exterior zone (refer to "Doors" in "Getting To Know Your Vehicle" in your Owner's Manual for further information).
- Push the lock button on the key fob.

3. If any doors are open, close them.

To Disarm The System

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

- Push the unlock button on the key fob.
- Grasp the passive entry door handle to unlock the door, refer to "Doors" in "Getting To Know Your Vehicle" in your Owner's Manual for further information.
- Cycle the ignition out of the off mode to disarm the system.

NOTE:

- The driver's door key cylinder and the liftgate button on the key fob cannot arm or disarm the vehicle security alarm.
- The vehicle security alarm remains armed during liftgate entry. If someone enters the vehicle through the liftgate and opens any door, the alarm will sound.
- When the vehicle security alarm is armed, the interior power door lock switches will not unlock the doors.

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

If the vehicle security alarm is armed and the battery becomes disconnected, the vehicle security alarm will remain armed when the

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

Disabling

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

NOTE:

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

DOORS

Keyless Enter-N-Go – Passive Entry – If Equipped

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

NOTE:

- Passive Entry can be enabled or disabled. Refer to “Uconnect Settings” in “Multimedia” in the Owner's Manual for further information.
- If wearing gloves on your hands, or if it has been raining/snowing on the Passive Entry door handle, the unlock sensitivity can be affected, resulting in a slower response time.
- If the vehicle is unlocked by the Passive Entry Door Handle, and no door is opened within 60 seconds, the vehicle will re-lock and if equipped, the security alarm will arm.
- The key fob may not be able to be detected by the vehicle keyless-go system if it is located next to a mobile phone, laptop or other electronic device; these devices may block the key fob's wireless signal and prevent the keyless-go system from starting the vehicle.



To Unlock From The Driver's Side

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



Grab The Door Handle To Unlock

NOTE:

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

To Unlock From The Passenger Side

With a valid Passive Entry key fob within 5 ft (1.5 m) of the passenger door handle, grab the front passenger door handle to unlock all four doors and the liftgate automatically.

NOTE:

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

To Lock The Vehicle's Doors And Liftgate

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

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



Push The Door Handle Button To Lock



DO NOT Grab The Door Handle When Locking

NOTE:

The Passive Entry system will not operate if the key fob battery is dead.

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

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

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

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

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

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

NOTE:

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

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

To Unlock/Enter The Liftgate

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



To Lock The Liftgate

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

NOTE:

- The liftgate Passive Entry lock button will lock the liftgate and the doors. The liftgate unlock feature is built into the Electronic Liftgate release.
- If “Unlock All Doors 1st Press” is programmed in the instrument cluster display, if equipped, only the liftgate will unlock when you push the Electronic Release. If “Unlock Driver Door 1st Press” is programmed in Uconnect, the liftgate will unlock when you push the electronic unlock/lock button on the liftgate. For further information, refer to “Uconnect Settings” in “Multimedia” in the Owner’s Manual for further information.



Liftgate Release/Passive Entry

- 1 — Liftgate Handle
- 2 — Liftgate Passive Entry Location

Emergency Unlocking Driver Door

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

To release the emergency key, proceed as follows:

1. Slide the emergency key release button to the side.
2. Remove the emergency key from the key fob with Remote Control housing.

NOTE:

The Emergency Key can be inserted into the door lock cylinder from either direction.

WARNING!

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

WARNING!

power windows, other controls, or move the vehicle.

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat buildup may cause them to be severely injured or killed

General Information

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

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

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

NOTE:

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

Child Locks

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

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



Child-Protection Door Lock Function

NOTE:

- When the child lock system is engaged, the door can only be opened by using the outside door handle even though the inside door lock is in the unlocked position.
- After disengaging the Child-Protection Door Lock system, always test the door from the inside to make certain it is in the desired position.



- After engaging the Child-Protection Door Lock system, always test the door from the inside to make certain it is in the desired position.
- For emergency exit with the system engaged, rotate the lock/unlock dial to the unlocked position, roll down the window, and open the door with the outside door handle.

WARNING!

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

SEATS

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

WARNING!

- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision,

WARNING!

sion, people riding in these areas are more likely to be seriously injured or killed.

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

Manual Rear Seat Adjustment**WARNING!**

Do not pile luggage or cargo higher than the top of the seatback. This could impair visibility or become a dangerous projectile in a sudden stop or collision.

Split Rear Seats

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

NOTE:

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

WARNING!

- It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.

WARNING!

- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

Cargo Area Enlargement

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

Proceed as follows:

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

Partial Enlargement Of The Cargo Area

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



Rear Seat

Proceed as follows:

1. Remove the rear shelf (if equipped). Refer to “Removable Rear Shelf” in “Cargo Area Features” in your Owner’s Manual for further information.
2. Fully lower the rear seat head restraints.
3. Move the safety belts to the outboard side of the seat and rest them on the seat belt guide.

4. Pull the seatback release lever to fold the left or right rear seatback completely forward.



Release Lever

Seatback Repositioning

NOTE:

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






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

Heated Seats – If Equipped

The heated seat buttons are located in your vehicle's touchscreen.

You can choose between two heating levels:

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

If the HI-level setting is selected, the system will automatically switch to LO-level after approximately 145 minutes of continuous operation. At that time, the display will

change from HI to LO, indicating the change. The LO-level setting will turn off automatically after approximately 60 minutes.

NOTE:

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

Auto Comfort Systems — If Equipped

In vehicles equipped with Auto On Comfort, when turning on the vehicle the driver's heated seat will automatically turn on when temperatures are below 40° F (4.4° C).

Auto Comfort Systems can be enabled or disabled. Refer to “Uconnect Settings” in “Multimedia” in your Owner's Manual for further information.

WARNING!

- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, exhaustion or other physical condition must exercise care when using the seat heater. It may cause burns even at low

WARNING!

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.

Unfolding The Rear Armrest 40/20/40

Tilt the head restraint forward and pull the rear armrest tab to release it from the seat and pull forward.

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

WARNING!

Be certain that the seatback is securely locked into position. If the seatback is not securely locked into position the seat will not provide the proper stability for child

WARNING!

seats and/or passengers. An improperly latched seat could cause serious injury.

HEAD RESTRAINTS

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

WARNING!

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

Front Head Restraints

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

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



Head Restraint Adjustment Button

NOTE:

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

WARNING!

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



Rear Head Restraints

Your vehicle is equipped with two outboard head restraints and one center head restraint for its rear passengers. The rear head restraints can be raised or lowered. When the center seat is being occupied, the head restraint should be in the raised position. When there are no occupants in the center seat, the head restraint can be lowered for maximum visibility for the driver.

To raise the head restraint, pull upward on the head restraint.

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



Adjustment Button Locations

NOTE:

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

STEERING WHEEL

Tilt/Telescoping Steering Column

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



Tilt/Telescoping Lever


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

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

WARNING!

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

Heated Steering Wheel – If Equipped

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

Auto Comfort Systems — If Equipped

In vehicles equipped with Auto On Comfort, when turning on the vehicle the heated steering wheel will automatically turn on when temperatures are below 40° F (4.4° C).

Auto Comfort Systems can be enabled or disabled. Refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.

WARNING!

- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, exhaustion, or other physical conditions must exercise care when using the steering wheel heater. It may cause burns even at low temperatures, especially if used for long periods.
- Do not place anything on the steering wheel that insulates against heat, such as a blanket or steering wheel covers of any type and material. This may cause the steering wheel heater to overheat.

EXTERIOR LIGHTS

Headlights

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





Headlight Switch

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

Daytime Running Lights (DRL) – If Equipped

The Daytime Running Lights (DRLs) will turn on when the engine is started and remain on unless the headlights are turned on or the engine is shut off.

The DRLs will be disabled during turn signal operation and resume operation when the turn signal operation has ended.

High Beams

To turn on the high beam headlights, push the turn signal lever forward (toward the front of the vehicle) and an indicator will illuminate in the cluster. To turn off the high beams, pull the turn signal lever rearward (toward the rear of the vehicle).



High Beam And Turn Signal Controls

NOTE:

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

Flash-To-Pass

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

Automatic Headlights – If Equipped

This system automatically turns the headlights on or off according to ambient light levels. To turn the system on, rotate the headlight switch clockwise to the last detent (AUTO position) for automatic headlight operation. When the system is on, the headlight time delay feature is also on. This means the headlights will stay on for up to 90 seconds after you place the ignition into the OFF position. To turn the automatic system off, move the headlight switch out of the AUTO position.

Refer to “Headlight Delay” in this section for more information.

NOTE:

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

Light Sensor

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

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

Automatic High Beam Headlamp Control – If Equipped

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

NOTE:

- The multifunction lever must be in the high beam position in order to activate the Automatic High Beams.

- The Automatic High Beam Headlamp Control can be turned on or off using the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.

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

Parking Lights

From the O (off) position, rotate the headlight switch to the first detent (parking position) to turn on the parking lights. The parking light indicator in the instrument cluster will illuminate.

Headlight Delay

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

The time delay of the headlights is programmable between 0, 30, 60 and 90 seconds.

Headlight Delay Activation

To activate the delay feature, place the ignition in the OFF position while the headlights are still on. Then, turn off the headlights within two minutes. The delay interval begins when the headlight switch is turned off from the “Low beam” position.

If the headlight switch is in AUTO position and headlights were on before the ignition is OFF, the delay interval begins automatically.

Headlight Delay Deactivation

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

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

NOTE:

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



Front Fog Lights – If Equipped

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

To activate the front fog lights, turn on the parking lights or the low beam headlights and push the fog light button on the headlight switch. To turn off the front fog lights, push the fog light button on the headlight switch a second time or turn off the headlight switch.

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

NOTE:

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

Cornering Lights

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

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

Turn Signals

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

NOTE:

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

WIPERS AND WASHERS

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



Windshield Wiper Stalk

CAUTION!

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

Front Wiper Operation

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

Windshield Washer Operation

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

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

WARNING!

Sudden loss of visibility through the windshield could lead to a collision. You might not see other vehicles or other obstacles. To avoid sudden icing of the windshield during freezing weather, warm the wind-

WARNING!

shield with the defroster before and during windshield washer use.

Mist

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

NOTE:

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

Rain Sensing Wipers – If Equipped

This feature senses moisture on the windshield and automatically activates the wipers for the driver. The feature is especially useful for road splash or overspray from the windshield washers of the vehicle ahead. Rotate the end of the multifunction lever to one of the two detent positions for intermittent settings, to activate this feature.

NOTE:

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

This function can be activated or deactivated by the Uconnect Settings through the radio. Refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.

The sensitivity of the system can be adjusted with the multifunction lever. Wiper delay position one is the least sensitive, and wiper delay position two is the most sensitive. Place the wiper switch in the off position when not using the system.

Rain Sensing Wipers – Inhibition

When the user switches the ignition from OFF to RUN or START with the lever already in the intermittent position, no wipe cycle is performed for safety reasons. This temporary inhibition avoids accidental activations of the wiping (e.g during the hand washing of the



windscreen, blocking the blades in ice/snow conditions). The user can activate the Rain Sensing Wipers in three ways:

- Moving the level in off position and then in Intermittent positions.
- One MIST command actuation.
- The vehicle speed exceeds 3 mph (5 km/h) and the rain sensor detects the presence of rain.

NOTE:

On vehicles equipped with automatic transmission, the Rain Sensing Wipers will become inactive even if the lever is in one of the intermittent positions if the vehicle is placed in NEUTRAL and the vehicle speed is less than 3 mph (5 km/h). This prevents damage to the windshield wipers during an automatic car wash.

NOTE:

- The Rain Sensing feature will not operate when the wiper switch is in the low or high-speed position.
- The Rain Sensing feature may not function properly when ice, or dried salt water is present on the windshield.

- Use of Rain-X or products containing wax or silicone may reduce Rain Sensing performance.
- The Rain Sensing feature can be turned on and off using the Uconnect System, refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.

Rear Wiper Operation

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

NOTE:

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

Rotate the center portion of the lever upward to the first detent for intermittent operation and to the second detent for continuous rear wiper operation. If the front wiper is set to Automatic Mode (on the wiper stalk as well as “Enabled” through Uconnect settings), placing the rear wiper in an intermittent position

will cause the front and rear wipers to sync up. Turning the front wipers off will cause the rear wipers to also stop.

To use the washer, push the lever forward and hold while spray is desired. If the lever is pushed while in the intermittent setting, the wiper will turn on and operate for several wipe cycles after the end of the lever is released, and then resume the intermittent interval previously selected.

If the lever is pushed while the wiper is in the off position, the wiper will operate for several wipe cycles, then turn off.

NOTE:

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

Rear Window Defroster

The rear window defroster button is located with the Climate Controls on the instrument panel. Push this button to turn on the rear window defroster. An indicator in the button will illuminate when the rear window defroster is on. The rear window defroster auto-

matically turns off after approximately 20 minutes. To manually shut the defroster off, push the button a second time.

Auto Comfort Systems — If Equipped

In vehicles equipped with Auto On Comfort, when turning on the vehicle the driver's heated seat will automatically turn on when temperatures are below 40° F (4.4° C).

Auto Comfort Systems can be enabled or disabled. Refer to “Uconnect Settings” in “Multimedia” in your Owner's Manual for further information.

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.

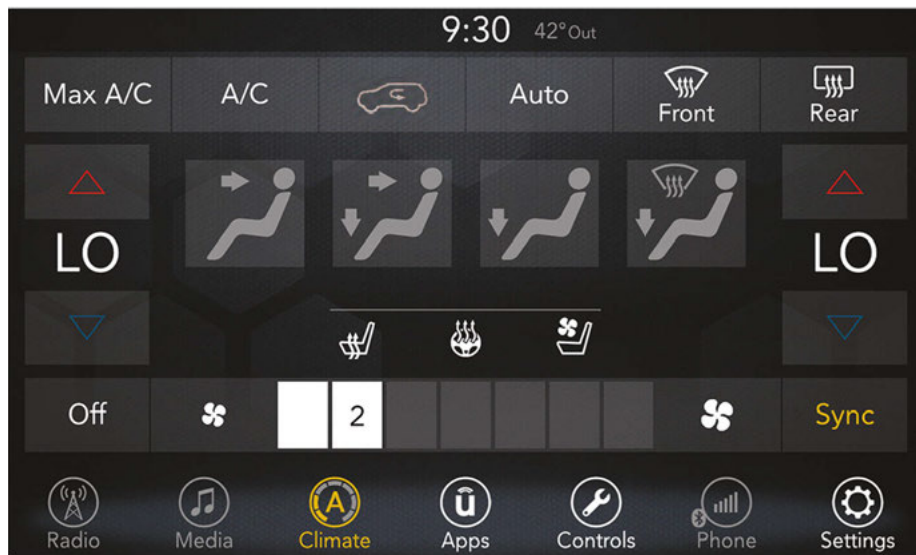
CAUTION!

- 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.



CLIMATE CONTROLS

Automatic Climate Control Overview



Uconnect 4 With 7-inch Display Automatic Climate Controls







Uconnect 4C/4C NAV With 8.4-inch Display Automatic Climate Controls







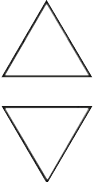





Automatic Temperature Controls (ATC)

Automatic Climate Control Descriptions



Icon	Description
	<p>MAX A/C Button MAX A/C sets the system for maximum cooling performance. Push the button to turn on the MAX A/C setting. In MAX A/C, the blower speed and mode position can be adjusted to desired user settings.</p> <p>NOTE: The MAX A/C button is only on the touchscreen.</p>
	<p>A/C Button Push the A/C Control Button to change the current setting. The indicator illuminates when the A/C is ON. Pushing the AUTO control button will cause the A/C operation to change to AUTO mode and the A/C indicator will turn off.</p>
	<p>Recirculation Button Press and release this button on the touchscreen, or push the button on the faceplate, to change the system between recirculation mode and outside air mode. Recirculation can be used when outside conditions, such as smoke, odors, dust, or high humidity are present. Recirculation can be used in all modes. Recirculation may be unavailable (button on the touchscreen greyed out) if conditions exist that could create fogging on the inside of the windshield. The A/C can be deselected manually without disturbing the mode control selection. Continuous use of the Recirculation mode may make the inside air stuffy and window fogging may occur. Extended use of this mode is not recommended.</p>
	<p>AUTO Button Pushing this button will automatically control the interior cabin temperature by adjusting airflow distribution and amount. Performing this function will cause the automatic climate controls to change between manual mode and automatic modes. Refer to “Automatic Operation” within this section for more information.</p>



Icon	Description
 <p>FRONT</p>	<p>Front Defrost Button</p> <p>The Front Defrost button changes the current airflow setting to Defrost mode. The indicator illuminates when this feature is on. Air comes from the windshield and side window demist outlets. When the defrost button is selected, the blower level may increase. Use Defrost mode with maximum temperature settings for best windshield and side window defrosting and defogging. When toggling the front defrost mode button, the climate system will return to previous setting.</p>
 <p>REAR</p>	<p>Rear Defrost Button</p> <p>Push the Rear Defrost button to turn on the rear window defroster and the heated outside mirrors (if equipped). An indicator will illuminate when the rear window defroster is on.</p>
<p>Faceplate Knob</p>  <p>Touchscreen Buttons</p> 	<p>Blower Control</p> <p>Blower Control is used to regulate the amount of air forced through the climate system. There are seven blower speeds available. The speeds can be selected using either the blower control knob on the faceplate or the buttons on the touchscreen.</p> <ul style="list-style-type: none"> • Faceplate: The blower speed increases as you turn the blower control knob clockwise from the lowest blower setting. The blower speed decreases as you turn the blower control knob counterclockwise. • Touchscreen: Use the small blower icon to reduce the blower setting and the large blower icon to increase the blower setting. Blower speed can also be selected by pressing the blower bar area between the icons.
	<p>Driver and Passenger Temperature Control</p> <p>Push these buttons to regulate the temperature of the driver and passenger settings independently. Pushing the blue arrow indicates cooler temperatures, while pushing the red button indicates warmer temperatures.</p>

Icon	Description
<p style="text-align: center;">SYNC</p>	<p>SYNC Button Press the SYNC button on the touchscreen to toggle the SYNC feature on/off. The SYNC indicator is illuminated when this feature is enabled. SYNC is used to synchronize the passenger temperature setting with the driver temperature setting. Changing the passenger's temperature setting while in SYNC will automatically exit this feature.</p> <p>NOTE: The SYNC button is only on the touchscreen.</p>
<p style="text-align: center;">Mode Button</p>  <p style="text-align: center;">MODE</p>	<p>Mode Button Air is directed through the floor, defrost, and side window demister outlets. This setting works best in cold or snowy conditions that require extra heat to the windshield. This setting is good for maintaining comfort while reducing moisture on the windshield.</p>
<p style="text-align: center;">Panel Mode</p> 	<p>Panel Mode Air comes from the outlets in the instrument panel. Each of these outlets can be individually adjusted to direct the flow of air. The air vanes of the center outlets and outboard outlets can be moved up and down or side to side to regulate airflow direction. There is a shut off wheel located below the air vanes to shut off or adjust the amount of airflow from these outlets.</p>
<p style="text-align: center;">Bi-Level Mode</p> 	<p>Bi-Level Mode Air comes from the instrument panel outlets and floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.</p> <p>NOTE: Bi-Level mode is designed under comfort conditions to provide cooler air out of the panel outlets and warmer air from the floor outlets.</p>



Icon	Description
<p data-bbox="194 142 299 163">Floor Mode</p> 	<p data-bbox="379 166 488 187">Floor Mode</p> <p data-bbox="379 194 1488 241">Air comes from the floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.</p>
<p data-bbox="198 277 295 298">Mix Mode</p> 	<p data-bbox="379 291 475 311">Mix Mode</p> <p data-bbox="379 319 1565 391">Air is directed through the floor, defrost, and side window demister outlets. This setting works best in cold or snowy conditions that require extra heat to the windshield. This setting is good for maintaining comfort while reducing moisture on the windshield.</p>
<p data-bbox="198 446 295 487">OFF</p>	<p data-bbox="379 446 628 467">Climate Control OFF Button</p> <p data-bbox="379 474 866 495">This button turns the Climate Control System off.</p>

Climate Control System Compressor

Push the A/C Control button to activate/deactivate the compressor (activation is indicated by the LED on the button turning on).

The system remembers that the compressor has been turned off, even after the engine has stopped.

Pushing the A/C button will stop AUTO MODE (AUTO LED will turn off). To restore automatic control of compressor, push the AUTO button again.

NOTE:

With the compressor off, air cannot be introduced to the passenger compartment with a temperature lower than the outside temperature. Under certain environmental conditions, windows could fog rapidly since the air is not dehumidified.

Rapid Window Demisting (MAX-Defrost Function)

Push the MAX-defrost button to activate (LED on) the windshield and side window demisting function.

The Climate Control system carries out the following operations:

- Turns on the air conditioning compressor when environmental conditions are suitable.

- Turns air recirculation off.
- Sets blower fan to the maximum speed.
- Directs air flow to windshield and front side window diffusers.

When the Recirculation Control or AUTO buttons are pushed, the Climate Control system will deactivate the Front Defrost (MAX-DEF) function.

Selecting the footwell/windshield or only windshield distribution activates the Climate Control system compressor and the air recirculation is set to outside air intake.

This logic guarantees optimum visibility at the windows. Max-defrost is also available in manual mode.

Rear Window Defrosting

Push and release the rear window defrost button to turn the function on/off.

Activation of this function is indicated by the rear defrost indicator light on the instrument panel turning on. If equipped, push the rear defrost button to activate the defrosting of door mirrors and heated rear window.

CAUTION!

To avoid causing damage to the rear window defroster heating filaments do not affix stickers or other objects to the inside of the rear glass.

Turning Off The Climate Control System

Push the ON/OFF button.

With the Climate Control system off:

- Air recirculation is on, isolating the passenger compartment from the outside.
- The A/C compressor is off.
- The blower is off.
- The heated rear window can be activated/deactivated.

NOTE:

The Climate Control unit stores the temperatures set before the system was turned off and restores them when one of the following knobs/buttons is pushed:

- A/C
- Recirculation

- Max Defrost
- Blower Increase
- AUTO

To restart the Climate Control system in fully automatic mode, push the AUTO button.

System Maintenance

In Winter, the Climate Control system must be turned on at least once a month for approximately ten minutes.

Have the system inspected at an authorized dealership before the summer.

NOTE:

This AC system uses R1234yf Refrigerant.



Climate Control Functions

A/C (Air Conditioning)

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

NOTE:

- If fog or mist appears on the windshield or side glass, select Defrost mode and increase blower speed if needed.
- If your air conditioning performance seems lower than expected, check the front of the A/C condenser (located in front of the radiator), for an accumulation of dirt or insects. Clean with a gentle water spray from the front of the radiator and through the condenser.

MAX A/C

MAX A/C sets the control for maximum cooling performance. Press and release to toggle between MAX A/C and the prior settings. The button illuminates when MAX A/C is ON.

Pressing blower speed, temperature, recirculation, or mode settings, will cause the MAX A/C operation to switch to the selected setting and MAX A/C to exit.

Recirculation

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

Automatic Temperature Control (ATC)

Automatic Operation

1. Push the AUTO button on the front ATC panel. The system regulates the amount of airflow.

2. Adjust the temperature you would like the system to maintain, by adjusting the driver, and passenger temperatures. Once the desired temperature is displayed, the system will achieve and automatically maintain that comfort level.
3. When the system is set up for your comfort level, it is not necessary to change the settings. You will experience the greatest efficiency by simply allowing the system to function automatically.

NOTE:

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

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

Operating Tips

Summer Operation

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

Winter Operation

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

Vacation/Storage

Before you store your vehicle, or keep it out of service (i.e., vacation) for two weeks or more, run the air conditioning system at idle for about five minutes, in fresh air with the blower setting on high. This will ensure ad-

equate system lubrication to minimize the possibility of compressor damage when the system is started again.

Window Fogging

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

CAUTION!

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

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

CAUTION!

- Keep all objects a safe distance from the window.

Outside Air Intake

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

Cabin Air Filter

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

WINDOWS

Power Window Controls

The power window switch is located on the driver's door panel. The driver's power window switch controls the operation of all the windows.





Power Window Switches

- 1 — Window Lockout Switch (Rear Doors)
- 2 — Opening/Closing Left/Right Rear Window
- 3 — Opening/Closing Left/Right Front Window

There are single window controls on each passenger door trim panel, which operate the passenger door windows. The window controls will operate only when the ignition is in the ON or RUN position.

NOTE:

- If the Remote Start functionality is active, it is not possible to move any windows.
- The power window switches will remain active for up to three minutes after the ignition is cycled to the OFF position. Opening either front door will cancel this feature.

Push the Window Lockout switch to disable rear rear passenger window controls. When this feature is active, the LED light will illuminate and only the driver can operate the rear passenger windows. To undo this feature, push the switch again and the LED will turn off.

WARNING!

Never leave children unattended in a vehicle, and do not let children play with

WARNING!

power windows. Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition of a vehicle equipped with Keyless Enter-N-Go in the ACC or ON/RUN mode. Occupants, particularly unattended children, can become entrapped by the windows while operating the power window switches. Such entrapment may result in serious injury or death.

Auto-Down Feature

The driver door power window switch and the front and rear passenger doors window switches have an Auto-Down feature.

Push the window switch down for half a second and release. The window will go down automatically.

To stop the window from going all the way down during the Auto-Down operation, pull up or push down on the switch briefly.

To open the window part way (manually), push the window switch down briefly and release.

Auto-Up Feature With Auto-Reverse Protection – If Equipped

The driver door power window switch and the front passenger door window switch have an Auto-Up feature.

Pull the window switch up, for about half a second, and release and the window will go up automatically.

To stop the window from going all the way up during the Auto-Up operation, pull up or push down on the switch briefly.

To close the window part way (manually), pull the window switch up briefly and release it.

NOTE:

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

WARNING!

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

Wind Buffeting

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

POWER MY SKY SUN ROOF

Power My Sky Operation

Open/Close The Front Panel

The power My Sky switches are located on the overhead console. The switches are used to open and close the front panel.

To automatically retract the front panel to the open position, push the open/close button and release. From the fully open position, pull the open/close switch and release. The front panel will close completely.

To stop the movement of the front panel during automatic closing or opening, briefly push the open/close switch.

Venting The Front Panel

To vent the front panel push and release the vent switch.

During the vent operation any push on the open/close switch will stop the closing of the panel.



NOTE:

- If the My Sky is in open position, the vent switch must be held until the panel vents.
- The power roof controls will operate only when the ignition is in the ON or RUN position.
- If the Remote Start functionality is active, it will not be possible to move the roof.

Auto-Reverse Feature

The front panel of the retractable roof is equipped with a auto-reverse safety system that is able to detect the presence of an obstacle during the opening and closing motion of the panel.

When this event occurs, the front panel stops and reverses immediately.

NOTE:

With both panels removed the retractable roof cannot be opened or closed.

Sunroof Reinitialization

The following procedure must be followed to reinitialize the sunroof and calibrate obstacle detection:

1. Place the ignition in the RUN position.
2. Push and hold the front panel close switch until the sunroof panel is fully closed, then release the switch.
3. Open the driver side front door.
4. Turn the ignition OFF.
5. After 10 seconds, place the ignition back in the RUN position.
6. Push and hold the front panel close switch again. The reinitialization process will begin within 10 seconds. Do not release the switch.
7. The sunroof will stop and an audible “click” will be heard.
8. Release the front panel close switch, then push and hold it again within 5 seconds. Do not release the switch.

9. As the front panel close switch is held, the sunroof panel will cycle to the fully open position and then back to the fully closed position again.

10. Once all sunroof motion has stopped, release the front panel close switch. Sunroof reinitialization and obstacle calibration is now complete.

NOTE:

If the switch is released prior to the sunroof completing the above procedure, the entire process must be repeated.

Emergency Open/Close

If the Power My Sky switch fails, the retractable roof can be operated manually as follows:

1. Remove the protective cap located on the inner lining.
2. Remove the Allen Key or My Sky Key that is supplied in the tool bag in the cargo area.

3. Insert the Allen Key or My Sky Key into the key hole and turn it clockwise to open the roof or counter-clockwise to close.

CAUTION!

- When refitting panels, be careful to avoid fingers, scarves, ties and items of clothing from getting caught under the panels themselves.
- Do not open the roof in the presence of snow or ice. There is risk of damage.

POWER GLASS SUNROOF WITH POWER SHADE – IF EQUIPPED

The power sunroof switches are located between the sun visors on the overhead console.



Power Sunroof Switches

- 1 — Power Sunshade Open/Close
- 2 — Power Sunroof Open/Close
- 3 — Venting Sunroof

WARNING!

- Never leave children unattended in a vehicle, or with access to an unlocked vehicle. Never leave the key fob in or near the vehicle, or in a location acces-

WARNING!

sible to children. Do not leave the ignition of a vehicle equipped with Keyless Enter-N-Go in the ON/RUN mode. Occupants, particularly unattended children, can become entrapped by the power sunroof while operating the power sunroof switch. Such entrapment may result in serious injury or death.

- In a collision, there is a greater risk of being thrown from a vehicle with an open sunroof. You could also be seriously injured or killed. Always fasten your seat belt properly and make sure all passengers are also properly secured.
- Do not allow small children to operate the sunroof. Never allow your fingers, other body parts, or any object, to project through the sunroof opening. Injury may result.



Opening

Opening Sunroof

To retract the sunroof to the open position, push the Open/Close switch and the sunroof will fully open. The sunroof can be stopped in any position by pushing/pulling the switch a second time while it is opening.

Venting Sunroof

To vent the sunroof push the Vent switch.

NOTE:

The vent switch has the automatic function only at the opening of the sunroof. During the closing of the sunroof, the switch must be held until closed.

Closing

Closing Sunroof

To close the sunroof completely, pull the Open/Close switch and the sunroof will fully close. The sunroof can be stopped in any position by pushing/pulling the switch a second time while it is closing.

Power Sun Shade

Opening Power Shade — Automatic Mode

Push the shade switch for about one-half second and the shade will automatically open. During the automatic open operation, any movement of the shade switch will stop the shade.

Opening Power Shade — Manual Mode

To open the shade part way (manually), push the shade switch briefly and release.

Closing Power Shade — Automatic Mode

Pull the shade switch for about one-half second and the shade will automatically close. During the automatic close operation, any movement of the shade switch will stop the shade.

Closing Power Shade — Manual Mode

To close the shade part way (manually), pull the shade switch briefly and release.

NOTE:

- The sunroof and the shade controls will operate only when the ignition is in the ON or RUN position.
- If the Remote Start functionality is active, it is not possible to move the sunroof.

Auto Reverse Feature

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

WARNING!

- Do not let children play with the sunroof. Never leave children unattended in a vehicle, or with access to an unlocked vehicle. Do not leave the key fob in or near the vehicle, and do not leave the

WARNING!

ignition of a vehicle equipped with Keyless Enter-N-Go in the ACC or ON/RUN mode. Occupants, particularly unattended children, can become entrapped by the power sunroof while operating the power sunroof switch. Such entrapment may result in serious injury or death.

- In a collision, there is a greater risk of being thrown from a vehicle with an open sunroof. You could also be severely injured or killed. Always fasten your seat belt properly and make sure all passengers are properly secured.
- Do not allow small children to operate the sunroof. Never allow your fingers, other body parts, or any object to project through the sunroof opening. Injury may result.

Sunroof Maintenance

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

HOOD

To Open The Hood

Two latches must be released to open the hood.

1. Pull the hood release lever located under the driver's side of the instrument panel.
2. Move to the outside of the vehicle and push the safety latch release lever toward the passenger side of the vehicle. The hood release lever is located behind the center front edge of the hood.



Hood Release Lever

Remove the support rod from the locking tab and insert it into the seat located on the underside of the hood. Be sure the rod is locked into position.

To Close The Hood

Hold up the hood with one hand, and with the other hand, remove the support rod from its seat and reinsert it into the locking tab.

Lower the hood to approximately 12 inches (30 cm) from the engine compartment and drop. Make sure that the hood is completely closed.

WARNING!

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

CAUTION!

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



CAUTION!

mately 12 inches (30 cm) and drop the hood to close. Make sure hood is fully closed for both latches. Never drive vehicle unless hood is fully closed, with both latches engaged.

LIFTGATE**Opening**

To unlock the liftgate, use the key fob or activate the power door lock switches located on the driver door handle.

To open the liftgate, squeeze the electronic liftgate release and pull the liftgate open with one fluid motion.

The Liftgate Passive Entry unlock feature is built into the Electronic Liftgate release. With a valid Passive Entry key fob within 5 ft (1.5 m) of the Liftgate, push the Electronic Liftgate release to open with one fluid motion.

**Liftgate Release/Passive Entry**

- 1 — Liftgate Handle
- 2 — Liftgate Passive Entry Location

Emergency Opening

Proceed as follows:

1. Remove the rear shelf (if equipped).
2. Fold the rear seats forward.

3. Using the supplied screwdriver (located under cargo floor in tool kit), remove the yellow tab.
4. Insert the screwdriver into the release tab slot to trigger the release tab of the liftgate.

Closing

Grasp the liftgate pull handle and initiate lowering the liftgate. Release the handle when the liftgate reaches self closing position.

NOTE:

Before closing the liftgate, make sure to be in possession of the key because the liftgate may be locked.

To Lock The Liftgate

With a valid Passive Entry key fob within 5 ft (1.5 m) of the liftgate, pushing the Keyless Enter-N-Go — Passive Entry lock button located to the right of the outside handle release will lock the vehicle.

NOTE:

The liftgate unlock feature is built into the electronic liftgate release.

INTERNAL EQUIPMENT

Power Outlet

The 12 Volt (13 Amp) power outlet is located under the HVAC controls in front of the gear selector. The power outlet can power mobile phones, electronics and other low power devices.

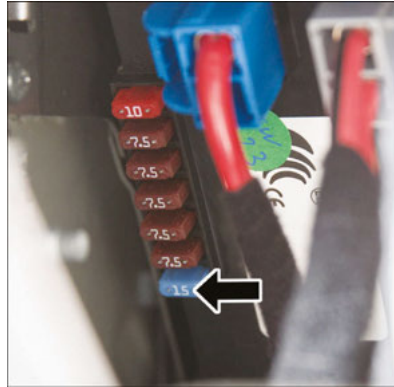


Front Power Outlet

NOTE:

- Do not exceed the maximum power of 160 Watts (13 Amps) at 12 Volts. If the 160 Watt (13 Amp) power rating is exceeded, the fuse protecting the system will need to be replaced.

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



Body Computer Fuses

F94 Fuse 15A Blue Instrument Panel Power Outlet

Power Inverter – If Equipped



Power Inverter

There is a 115 Volt, 150 Watt power inverter outlet located on the back of the center console. This outlet can power cellular phones, electronics and other low power devices requiring power up to 150 Watts.

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



NOTE:

The power inverter is designed with built-in overload protection. If the power rating of 150 Watts is exceeded, the power inverter will automatically shut down. Once the electrical device has been removed from the outlet, the inverter should automatically reset. If the power rating exceeds approximately 170 Watts, the power inverter may have to be reset manually. To reset the inverter manually, unplug the device and plug it in again. To avoid overloading the circuit, check the power ratings on electrical devices prior to using the inverter.

WARNING!

To Avoid Serious Injury or Death DO NOT:

- insert any objects into the receptacles
- touch with wet hands

Close the lid when not in use. If this outlet is mishandled, it may cause an electric shock and failure.

ROOF LUGGAGE RACK — IF EQUIPPED

Your vehicle may be equipped with a Roof Luggage Rack for transporting accessories.

Crossbars should always be used whenever cargo is placed on the Roof Luggage Rack. Check the straps frequently to be sure that the load remains securely attached.

NOTE:

Crossbars can be purchased at a authorized dealer through Mopar parts. External racks do not increase the total load carrying capacity of the vehicle. Be sure that the total occupant and luggage load inside the vehicle, plus the load on the Roof Luggage Rack, do not exceed the maximum vehicle load capacity.

The load carried on the roof, when equipped with a luggage rack, must not exceed 150 lbs (68 kg), and it should be uniformly distributed over the cargo area.

Do not use the retractable roof when using the crossbars.

WARNING!

Cargo must be securely tied down before driving your vehicle. Improperly secured loads can fly off the vehicle, particularly at high speeds, resulting in personal injury or property damage. Follow the roof rack cautions when carrying cargo on your roof rack.

CAUTION!

- To avoid damage to the roof rack and vehicle, do not exceed the maximum roof rack load capacity. Always distribute heavy loads as evenly as possible and secure the load appropriately.
- Long loads, which extend over the windshield, should be secured to both the front and rear of the vehicle.
- Place a blanket or other protection between the surface of the roof and the load.
- Travel at reduced speeds and turn corners carefully when carrying large or heavy loads on the roof rack. Wind

CAUTION!

forces, due to natural causes or nearby truck traffic, can add sudden upward loads. It is recommended to not carry large flat loads, such as wood panels or surfboards, which may result in damage to the cargo or your vehicle.

- Load should always be secured to cross bars first, with tie down loops used as additional securing points if needed. Tie loops are intended as supplementary tie down points only. Do not use ratcheting mechanisms with the tie loops. Check the straps frequently to be sure that the load remains securely attached.



INSTRUMENT CLUSTER DISPLAY

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

Instrument Cluster Display Controls



Instrument Cluster Display Controls

- 1 — Arrow Up/Down Scroll Through Menus And Submenus
- 2 — Arrow Right/Left Access Information/ Submenu Screens
- 3 — OK Button For Selecting And Resetting Information

The instrument cluster display features a driver interactive display that is located in the instrument cluster. Pushing the controls on

the left side of the steering wheel allows the driver to select vehicle information and Personal Settings.

- Push the **up** arrow button to scroll upward through the main menus and submenus (Speedometer, Vehicle Info, Driver Assist, Fuel Economy, Trip, Audio, Messages, Screen Set Up).
- Push the **down** arrow button to scroll downward through the main menu and submenus (Speedometer, Vehicle Info, Driver Assist, Fuel Economy, Trip, Audio, Messages, Screen Set Up).
- Push the **right** arrow button to access the information screens or submenu screens of a main menu item.
- Push the **back/left** arrow button to access the information screens or submenu screens of a main menu item.
- Push the **OK** button to access/select the information screens or submenu screens of a main menu item. Push and hold the OK arrow button for two seconds to reset displayed/selected features that can be reset.

Oil Change Reset

Oil Change Due

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

Unless reset, this message will continue to display each time you turn the ignition is cycled to the ON or RUN position. To reset the oil change indicator system (after performing the scheduled maintenance), refer to the following procedure:

1. Without pushing the brake pedal, push the ENGINE START/STOP button and cycle the ignition to the ON/RUN position (do not start the engine).

2. Fully push the accelerator pedal, slowly, three times within 10 seconds.
3. Without pushing the brake pedal, push the ENGINE START/STOP button once to return the ignition to the OFF/LOCK position.

NOTE:

If the indicator message illuminates when you start the vehicle, the oil change indicator system did not reset. See an authorized dealer to have the oil life reset.

Instrument Cluster Display Menu Items

NOTE:

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

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

Instrument Cluster Display Selectable Items

The instrument cluster display can be used to view the following main menu items:

NOTE:

Depending on the vehicles options, feature settings may vary.

• Speedometer	• Stop & Start – If Equipped
• Vehicle Info	• Audio
• Driver Assist	• Messages
• Fuel Economy	• Screen Setup
• Trip	• Settings

NOTE:

Refer to your Owner’s Manual for further information.



TRIP COMPUTER

The Trip computer is used to display information on car operation when the key is turned to the RUN position.

This function allows you to define two separate trips called "Trip A" and "Trip B" where the car's "complete trips" are monitored in an independent manner.

Both trips can be reset (reset - start of a new trip). To perform a reset, push and hold the **OK** button on the steering wheel controls.

"Trip A" and "Trip B" are used to display the figures relating to:

- Distance Travelled
- Average Consumption
- Travel Time (driving time)

Quantities Displayed

Distance Travelled

- Indicates the distance travelled by the start of the new trip.

Average Consumption

- Represents the average fuel consumption since the start of the new trip.

Travel Time

- Elapsed time since the start of the new trip.

OK Button

Short Push Of The Button: display of various parameters.

Long Push Of The Button: reset quantities and begin a new trip.

New trip

Starts after reset:

- "Manual" by pushing the **OK** button.
- "Automatic" when the "distance" reaches the value of 62140 (99999.9 km) or when the "time travel" reaches the value of 999.59 (999 hours and 59 minutes).
- After each disconnection and reconnection of the battery.

WARNING/INDICATOR LIGHTS AND MESSAGES

The warning/indicator light switches on in the instrument panel together with a dedicated message and/or acoustic signal when applicable. These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner Manual, which you are advised to read carefully in all cases. Always refer to the information in this chapter in the event of a failure indication.

All active telltales will display first, if applicable. The system check menu may appear different based upon equipment options and current vehicle status. Some telltales are optional and may not appear.

The following warning lamps and indicators will alert you to a vehicle condition that may become serious. Some lamps will illuminate when you start your vehicle to make sure they work. If any lamps remain on after starting your vehicle, refer to the respective system warning lamp for further information.

Red Warning Lights

— Air Bag Warning Light

This light will turn on for four to eight seconds as a bulb check when the ignition is placed in the ON/RUN or MAR/ON/RUN position. If the light is either not on during startup, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible. This light will illuminate with a single chime when a fault with the Air Bag Warning Light has been detected, it will stay on until the fault is cleared. If the light comes on intermittently or remains on while driving, have an authorized dealer service the vehicle immediately.

BRAKE — Brake Warning Light (English) — Brake Warning Light (Metric)

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

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

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

The light will remain on until the cause is corrected.

NOTE:

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

If brake failure is indicated, immediate repair is necessary.

WARNING!

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

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

Operation of the Brake Warning Light can be checked by turning the ignition switch from the OFF position to the ON/RUN position.



The light should illuminate for approximately two seconds. The light should then turn off unless the parking brake is applied or a brake fault is detected. If the light does not illuminate, have the light inspected by your authorized dealer.

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

NOTE:

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

 — **Battery Charge Warning Light**

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

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

 — **Door Open Warning Light**

This indicator will illuminate when a door is ajar/open and not fully closed.

 — **Electric Power Steering Fault Warning Light**

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

WARNING!

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

 — **Electronic Throttle Control (ETC) Warning Light**

This light informs you of a problem with the Electronic Throttle Control (ETC) system. If a problem is detected while the vehicle is running, the light will either stay on or flash depending on the nature of the problem. Cycle the ignition when the vehicle is safely and completely stopped and the transmission is placed in the PARK position. The light should turn off. If the light remains on with

the vehicle running, your vehicle will usually be drivable; however, see an authorized dealer for service as soon as possible.

NOTE:

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

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

 — **Engine Temperature Warning Light**

This warning light will illuminate to warn of an overheated engine condition. If the engine coolant temperature is too high, this light will illuminate and a single chime will sound.

If the light turns on while driving, safely pull over and stop the vehicle. If the A/C system is on, turn it off. Also, shift the transmission

into NEUTRAL and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service.

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

— Hood Open Warning Light

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

NOTE:

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

— Liftgate Open Warning Light

This indicator will illuminate when the liftgate is left open and not fully closed.

— Oil Pressure Warning Light

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

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

— Oil Pressure Sensor Failure Warning Light

This light will illuminate if there is a failure of the oil pressure sensor. If this light illuminates, take it to an authorized dealer and have them inspect it.

— Oil Temperature Warning Light

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

— Seat Belt Reminder Warning Light

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

or front passenger seat belt remains unbuckled, the Seat Belt Reminder Light will flash or remain on continuously and a chime will sound.

Refer to “Occupant Restraint Systems” in “Safety” for further information.

— Transmission Fault Warning Light — If Equipped

This light will illuminate (together with a message in the instrument cluster display and a buzzer) to indicate a transmission fault. Contact your authorized dealer if the message remains after restarting the engine.

— Vehicle Security Warning Light — If Equipped

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



Yellow Warning Lights

— Active Speed Limiter Fault Indicator Light — If Equipped

This warning light will illuminate to signal when there is a fault detected with the Active Speed Limiter.

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

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

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

— Anti-Lock Brake (ABS) Warning Light

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

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

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

— Audio System Failure Light — If Equipped

This light will illuminate to report a failure of the Audio System. Contact an authorized dealership as soon as possible.

— Electronic Park Brake Warning Light

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

— Forward Collision Warning Off Indicator Light — If Equipped

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

— Icy Road Condition Indicator Light — If Equipped

This light will illuminate during an icy road condition.

— Low Fuel Warning Light

When the fuel level reaches approximately 1.3–1.8 gal (5–7 L) this light will turn on, and remain on until fuel is added.

— LaneSense Warning Light — If Equipped

The LaneSense system provides the driver with visual and steering torque warnings when the vehicle starts to drift out of its lane unintentionally without the use of a turn signal.

- When the LaneSense system senses a lane drift situation, the LaneSense indicator changes from solid green to solid yellow.

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the LaneSense indicator changes from solid white/green to flashing yellow.
- Refer to “LaneSense – If Equipped” in “Starting And Operating” for further information.

— Service LaneSense Warning Light — If Equipped

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

— Engine Check/Malfunction Indicator Warning Light (MIL)

The Engine Check/Malfunction Indicator Light (MIL) is a part of an Onboard Diagnostic System called OBD II that monitors engine and automatic transmission control systems. This warning light will illuminate when the ignition is in the ON/RUN position before

engine start. If the bulb does not come on when turning the ignition switch from OFF to ON/RUN, have the condition checked promptly.

The vehicle should be serviced if the light stays on through several typical driving styles. In most situations, the vehicle will drive normally and will not require towing.

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

WARNING!

A malfunctioning catalytic converter, as referenced above, can reach higher temperatures than in normal operating conditions. This can cause a fire if you drive slowly or park over flammable substances such as dry plants, wood, cardboard, etc. This could result in death or serious injury to the driver, occupants or others.

CAUTION!

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

— Service 4WD Warning Light — If Equipped

This warning light will illuminate to signal a fault with the 4WD system. If the light stays on or comes on during driving, it means that the 4WD system is not functioning properly and that service is required. We recommend you drive to the nearest service center and have the vehicle serviced immediately.

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

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



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

(A)! — Service Stop/Start System Warning Light — If Equipped

This warning light will illuminate when the Stop/Start system is not functioning properly and service is required. Contact an authorized dealer for service.

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

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

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

CAUTION!

Do not continue driving with one or more flat tires as handling may be compro-

CAUTION!

mised. Stop the vehicle, avoiding sharp braking and steering. If a tire puncture occurs, repair immediately using the dedicated tire repair kit and contact an authorized dealer as soon as possible.

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

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

under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

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

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

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

CAUTION!

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



— Towing Hook Breakdown Warning Light — If Equipped

This light illuminates when there is a failure with the tow hook. Contact an authorized dealer for service.



— Transmission Temperature Warning Light

This light indicates that the transmission fluid temperature is running hot. This may occur with severe usage, such as trailer towing. If this light turns on, safely pull over and stop the vehicle. Then, shift the transmission into PARK and run the engine at idle or slightly higher until the light turns off.

WARNING!

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

CAUTION!

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

Yellow Indicator Lights

^{4WD} LOW — 4WD Low Indicator Light — If Equipped

This light alerts the driver that the vehicle is in the four-wheel drive LOW mode. The front and rear driveshafts are mechanically locked together forcing the front and rear wheels to rotate at the same speed. Low range provides a greater gear reduction ratio to provide increased torque at the wheels.

Refer to “Four-Wheel Drive Operation — If Equipped” in “Starting And Operating” for further information on four-wheel drive operation and proper use.

^{4WD} LOCK — 4WD Lock Indicator Light

This light alerts the driver that the vehicle is in the four-wheel drive LOCK mode. The front and rear driveshafts are mechanically locked



together, forcing the front and rear wheels to rotate at the same speed.

Refer to “Four-Wheel Drive Operation” in “Starting And Operating” for further information on four-wheel drive operation and proper use.

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

This warning light will indicate when the Electronic Stability Control system is Active. The “ESC Indicator Light” in the instrument cluster will come on when the ignition is placed in the ON/RUN or ACC/ON/RUN position, and when ESC is activated. It should go out with the engine running. If the “ESC Indicator Light” comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this warning light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), see an authorized dealer as soon as possible to have the problem diagnosed and corrected.

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

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

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

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

— Exterior Bulb Failure Indicator Light — If Equipped

This light will illuminate when there is a malfunction in one of the exterior bulbs.

— Fuel Cutoff Warning Light — If Equipped

This warning light will illuminate after an accident has occurred, and the system has shut the fuel off.

— Fuel Cutoff Failure Light — If Equipped

This light will illuminate if there is a fuel cutoff failure. If this light illuminates, take it to an authorized dealer and have them inspect it.

— Immobilizer Fail / VPS Electrical Alarm Indicator Light

This telltale will illuminate when the vehicle security alarm system has detected an attempt to break into the vehicle.

NOTE:

After cycling the ignition to the ON/RUN position, the Vehicle Security Warning Light could illuminate if a problem with the system is detected. This condition will result in the engine being shut off after two seconds.

**SERV
4WD** — **Service 4WD Warning Light — If Equipped**

This warning light will illuminate to signal a fault with the 4WD system. If the light stays on or comes on during driving, it means that the 4WD system is not functioning properly and that service is required. We recommend you drive to the nearest service center and have the vehicle serviced immediately.

White Indicator Lights

 — **Hill Descent Control (HDC) Indicator Light — If Equipped**

This indicator shows when the Hill Descent Control (HDC) feature is turned on. The lamp will be on solid when HDC is armed. HDC can only be armed when the transfer case is in the “4WD LOW” position and the vehicle speed is less than 30 mph (48 km/h). If these conditions are not met while attempting to use the HDC feature, the HDC indicator light will flash on/off.

 — **Light Sensor Failure**

This light illuminates when there is light sensor failure. If this light illuminates, have an authorized dealer inspect it.

 — **Speed Warning Indicator Light — If Equipped**

When Set Speed Warning is turned on, the speed warning telltale will illuminate in the instrument cluster with a number matching the set speed. When the set speed is exceeded, a single chime will sound along with pop up message of “Speed Warning Exceeded.” Speed Warning can be turned on and off in the instrument cluster display, for further information refer to “Instrument Cluster Display Menu Items” in “Getting To Know Your Instrument Panel.”

The number “55” is only an example of a speed that can be set.

Blue Indicator Lights

 — **High Beam Indicator Light**

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

Green Indicator Lights

 — **Automatic High Beam Indicator Light — If Equipped**

This indicator shows that the automatic high beam headlights are on.

 — **Speed Control Set Indicator Light — If Equipped**

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



— Front Fog Indicator Light — If Equipped

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

— Hazard Warning Lights

The hazard warning indicators light up when the vehicle's Hazard Warning flasher switch has been pushed.

— Park/Headlight On Indicator Light

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

— Stop/Start Active Indicator Light — If Equipped

This indicator light will illuminate when the Stop/Start function is in "Autostop" mode.

— Turn Signal Indicator Lights

When the left or right turn signal is activated, the turn signal indicator will flash independently and the corresponding exterior turn signal lamps will flash. Turn signals can be

activated when the multifunction lever is moved down (left) or up (right).

Gray Indicator Lights

— Electronic Speed Control Ready/Canceled Indicator Light

This indicator light will illuminate when the speed control function is ready (but not set), or cancelled, by the driver. Refer to "Speed Control — If Equipped" in "Starting and Operating" for further information.

ONBOARD DIAGNOSTIC SYSTEM (OBD II)

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

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

CAUTION!

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

Onboard Diagnostic System (OBD II) Cybersecurity

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

WARNING!

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

WARNING!

- Access, or allow others to access, information stored in your vehicle systems, including personal information.

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

EMISSIONS INSPECTION AND MAINTENANCE PROGRAMS

In some localities, it may be a legal requirement to pass an inspection of your vehicle's emissions control system. Failure to pass could prevent vehicle registration.



For states that require an Inspection and Maintenance (I/M), this check verifies the “Malfunction Indicator Light (MIL)” is functioning and is not on when the engine is running, and that the OBD II system is ready for testing.

Normally, the OBD II system will be ready. The OBD II system may **not** be ready if your vehicle was recently serviced, recently had a dead battery or a battery replacement. If the OBD II system should be determined not ready for the I/M test, your vehicle may fail the test.

Your vehicle has a simple ignition actuated test, which you can use prior to going to the test station. To check if your vehicle's OBD II system is ready, you must do the following:

1. Cycle the ignition switch to the ON position, but do not crank or start the engine.

NOTE:

If you crank or start the engine, you will have to start this test over.

2. As soon as you cycle the ignition switch to the ON position, you will see the “Malfunction Indicator Light (MIL)” symbol come on as part of a normal bulb check.



3. Approximately 15 seconds later, one of two things will happen:

- The MIL will flash for about ten seconds and then return to being fully illuminated until you turn OFF the ignition or start the engine. This means that your vehicle's OBD II system is **not ready** and you should **not** proceed to the I/M station.
- The MIL will not flash at all and will remain fully illuminated until you place the ignition in the off position or start the engine. This means that your vehicle's OBD II system is **ready** and you can proceed to the I/M station.

If your OBD II system is **not ready**, you should see an authorized dealer or repair facility. If your vehicle was recently serviced or had a battery failure or replacement, you may need to do nothing more than drive your vehicle as you normally would in order for your OBD II system to update. A recheck with the above test routine may then indicate that the system is **now ready**.

Regardless of whether your vehicle's OBD II system is ready or not, if the MIL is illuminated during normal vehicle operation you should have your vehicle serviced before going to the I/M station. The I/M station can fail your vehicle because the MIL is on with the engine running.

SAFETY FEATURES

Anti-Lock Brake System (ABS)

The Anti-Lock Brake System (ABS) provides increased vehicle stability and brake performance under most braking conditions. The system automatically prevents wheel lock, and enhances vehicle control during braking.

The ABS performs a self-check cycle to ensure that the ABS is working properly each time the vehicle is started and driven. During this self-check, you may hear a slight clicking sound as well as some related motor noises.

ABS is activated during braking when the system detects one or more wheels begin to lock. Road conditions such as ice, snow, gravel, bumps, railroad tracks, loose debris, or panic stops may increase the likelihood of ABS activation(s).

You also may experience the following when ABS activates:

- The ABS motor noise (it may continue to run for a short time after the stop).
- The clicking sound of solenoid valves.

- Brake pedal pulsations.
- A slight drop of the brake pedal at the end of the stop.

These are all normal characteristics of ABS.

WARNING!

- The ABS contains sophisticated electronic equipment that may be susceptible to interference caused by improperly installed or high output radio transmitting equipment. This interference can cause possible loss of anti-lock braking capability. Installation of such equipment should be performed by qualified professionals.
- Pumping of the Anti-Lock Brakes will diminish their effectiveness and may lead to a collision. Pumping makes the stopping distance longer. Just press firmly on your brake pedal when you need to slow down or stop.
- The ABS cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase braking or steering efficiency beyond that afforded by the

WARNING!

condition of the vehicle brakes and tires or the traction afforded.

- The ABS cannot prevent collisions, including those resulting from excessive speed in turns, following another vehicle too closely, or hydroplaning.
- The capabilities of an ABS equipped vehicle must never be exploited in a reckless or dangerous manner that could jeopardize the user's safety or the safety of others.

ABS is designed to function with the OEM tires. Modification may result in degraded ABS performance.

Anti-Lock Brake Warning Light

The yellow "Anti-Lock Brake Warning Light" will turn on when the ignition is turned to the ON/RUN mode and may stay on for as long as four seconds.

If the "Anti-Lock Brake Warning Light" remains on or comes on while driving, it indicates that the anti-lock portion of the brake system is not functioning and that service is



required. However, the conventional brake system will continue to operate normally if the “Anti-Lock Brake Warning Light” is on.

If the “Anti-Lock Brake Warning Light” is on, the brake system should be serviced as soon as possible to restore the benefits of anti-lock brakes. If the “Anti-Lock Brake Warning Light” does not come on when the ignition is turned to the ON/RUN mode, have the light repaired as soon as possible.

Electronic Brake Control System

Your vehicle is equipped with an advanced Electronic Brake Control system (EBC). This system includes Anti-Lock Brake System (ABS), Brake Assist System (BAS), Hill Start Assist (HSA), Traction Control System (TCS), Electronic Stability Control (ESC), and Electronic Roll Mitigation (ERM). These systems work together to enhance both vehicle stability and control in various driving conditions.

Your vehicle may also be equipped with Trailer Sway Control (TSC), Dynamic Steering Torque (DST), and Hill Descent Control (HDC).

Brake Assist System (BAS)

The BAS is designed to optimize the vehicle's braking capability during emergency braking maneuvers. The system detects an emergency braking situation by sensing the rate and amount of brake application and then applies optimum pressure to the brakes. This can help reduce braking distances. The BAS complements the anti-lock brake system (ABS). Applying the brakes very quickly results in the best BAS assistance. To receive the benefit of the system, you must apply continuous braking pressure during the stopping sequence, (do not “pump” the brakes). Do not reduce brake pedal pressure unless braking is no longer desired. Once the brake pedal is released, the BAS is deactivated.

WARNING!

The Brake Assist System (BAS) cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded by prevailing road conditions. BAS cannot prevent collisions, including those resulting from excessive

WARNING!

speed in turns, driving on very slippery surfaces, or hydroplaning. The capabilities of a BAS-equipped vehicle must never be exploited in a reckless or dangerous manner, which could jeopardize the user's safety or the safety of others.

Hill Start Assist (HSA)

The HSA system is designed to help the driver accelerate the vehicle from a complete stop while on an incline. If the driver releases the brake while stopped on an incline, HSA will continue to hold the brake pressure for a short period. If the driver does not apply the throttle before this time expires, the system will release brake pressure and the vehicle will roll down the hill as normal. The system will release brake pressure in proportion to amount of throttle applied.

The following conditions must be met in order for HSA to activate:

- The vehicle must be stopped.

- The vehicle must be on a 5% (approximate) grade or greater hill.
- The gear selection must match vehicle up-hill direction (i.e., vehicle facing uphill is in forward gear; vehicle backing uphill is in REVERSE gear).
- For vehicles equipped with an automatic transmission, the HSA will work in REVERSE gear and all forward gears. The system will not activate if the transmission is in PARK.

WARNING!

There may be situations where the Hill Start Assist (HSA) will not activate and slight rolling may occur, such as on minor hills or with a loaded vehicle, or while pulling a trailer. HSA is not a substitute for active driving involvement. It is always the driver's responsibility to be attentive to distance to other vehicles, people, and objects, 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

WARNING!

your vehicle. Failure to follow these warnings can result in a collision or serious personal injury.

Disabling and Enabling HSA

This feature can be turned on or turned off. To change the current setting, proceed as follows:

- For vehicles equipped with the instrument cluster display, refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" for further information.

Trailer Sway Control (TSC) — If Equipped

TSC uses sensors in the vehicle to recognize an excessively swaying trailer and will take the appropriate actions to attempt to stop the sway. The system may reduce engine power and apply the brake of the appropriate wheel(s) to counteract the sway of the trailer. TSC will become active automatically once an excessively swaying trailer is recognized.

NOTE:

TSC cannot stop all trailers from swaying. Always use caution when towing a trailer and follow the trailer tongue weight recommendations. Refer to "Trailer Towing" in "Starting And Operating" for further information. When TSC is functioning, the "ESC Activation/Malfunction Indicator Light" will flash, the engine power may be reduced and you may feel the brakes being applied to individual wheels to attempt to stop the trailer from swaying. TSC is disabled when the ESC system is in the "Partial Off" mode.

WARNING!

If TSC activates while driving, slow the vehicle down, stop at the nearest safe location, and adjust the trailer load to eliminate trailer sway.

Electronic Stability Control (ESC)

This system enhances directional control and stability of the vehicle under various driving conditions. ESC corrects for oversteering or understeering of the vehicle by applying the brake of the appropriate wheel(s) to assist in



counteracting the oversteer or understeer condition. Engine power may also be reduced to help the vehicle maintain the desired path.

ESC uses sensors in the vehicle to determine the vehicle path intended by the driver and compares it to the actual path of the vehicle. When the actual path does not match the intended path, ESC applies the brake of the appropriate wheel to assist in counteracting the oversteer or understeer condition.

- Oversteer — when the vehicle is turning more than appropriate for the steering wheel position.
- Understeer — when the vehicle is turning less than appropriate for the steering wheel position.

The “ESC Activation/Malfunction Indicator Light” located in the instrument cluster will start to flash as soon as the ESC system becomes active. The “ESC Activation/Malfunction Indicator Light” also flashes when the TCS is active. If the “ESC Activation/Malfunction Indicator Light” begins to flash during acceleration, ease up on

the accelerator and apply as little throttle as possible. Be sure to adapt your speed and driving to the prevailing road conditions.

WARNING!

- Electronic Stability Control (ESC) cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded by prevailing road conditions. ESC cannot prevent accidents, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. ESC also cannot prevent accidents resulting from loss of vehicle control due to inappropriate driver input for the conditions. Only a safe, attentive, and skillful driver can prevent accidents. The capabilities of an ESC equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user’s safety or the safety of others.
- Vehicle modifications, or failure to properly maintain your vehicle, may change the handling characteristics of your ve-

WARNING!

hicle, and may negatively affect the performance of the ESC system. Changes to the steering system, suspension, braking system, tire type and size or wheel size may adversely affect ESC performance. Improperly inflated and unevenly worn tires may also degrade ESC performance. Any vehicle modification or poor vehicle maintenance that reduces the effectiveness of the ESC system can increase the risk of loss of vehicle control, vehicle rollover, personal injury and death.

ESC Operation Modes

To disable ESC and other safety systems, follow the instruction below.

There are three modes of active safety systems present on the vehicle:

- ESC On
- Partial Off
- Full Off

ESC On – Two Wheel Drive Vehicles And Four Wheel Drive Vehicles In 2WD And 4WD High Range

This is the normal operating mode for ESC when operating a two-wheel drive vehicle. It is also the normal mode for operating a four-wheel drive vehicle in 2WD or 4WD HIGH range. The ESC system will be in “ESC On” mode whenever the vehicle is started or the power transfer unit (if equipped) is shifted out of 4WD LOW range. This mode should be used for most driving situations. ESC should only be turned to “Partial Off” or “Full Off” for specific reasons as noted. Refer to “Partial Off” and to “Full Off” for additional information.

NOTE:

It is recommended to select the mode "Partial Off" or "Full Off" only for specific reasons.

Partial Off – Two Wheel Drive Vehicles And Four Wheel Drive Vehicles In 2WD And 4WD High Range

The “Partial Off” mode is intended for driving in deep snow, sand, or gravel. This mode raises the threshold for TCS and ESC activation, which allows for more wheel spin than what ESC normally allows.



ESC OFF Button

To enter the “Partial Off” mode, momentarily push the “ESC Off” button and the ESC Off indicator light will illuminate. To turn the

ESC on again, momentarily push the ESC OFF button and the ESC Off indicator light will turn off. This will restore the normal “ESC On” mode of operation.

NOTE:

To improve the vehicle’s traction when driving with snow chains, or when starting off in deep snow, sand, or gravel, it may be desirable to switch to the “Partial Off” mode by momentarily pushing the “ESC Off” button. Once the situation requiring “Partial Off” mode is overcome, turn ESC back on by momentarily pushing the “ESC Off” button. This may be done while the vehicle is in motion.

WARNING!

- When in “Partial Off” mode, the TCS functionality of ESC, (except for the limited slip feature described in the TCS section), has been disabled and the “ESC Off Indicator Light” will be illuminated. When in “Partial Off” mode, the engine power reduction feature of TCS is disabled, and the enhanced vehicle sta-



WARNING!

bility offered by the ESC system is reduced.

- Trailer Sway control (TSC) is disabled when the ESC system is in the “Partial Off” mode.

Full Off – Four-Wheel Drive Vehicles In 4WD High And 4WD Low Range

The “Full Off” mode is intended for off-highway and off-road use when ESC stability features could inhibit vehicle maneuverability due to trail conditions. The “ESC Off” button is located in the lower switch bank above the climate control panel. To enter “Full Off” mode, push and hold the “ESC Off” button for five seconds while the vehicle is stopped with the engine running. After five seconds, the ESC Off indicator light will illuminate and an “ESC Off” message will appear in the odometer.

In this mode, ESC and TCS are turned off (except for the “limited slip” feature described in the TCS section) until the vehicle reaches a speed of 40 mph (64 km/h). At speeds over 40 mph (64 km/h), the system

automatically switches to “Partial Off” mode, described above. When the vehicle speed returns to less than 35 mph (56 km/h), the ESC system will return to “Full Off” mode. The ESC OFF indicator light is always illuminated when ESC is off. To turn ESC on again, momentarily push the “ESC Off” button. This will restore the normal “ESC On” mode of operation.

NOTE:

With the ESC switched off, the enhanced vehicle stability offered by ESC is unavailable. In an emergency evasive maneuver, the ESC system will not engage to assist in maintaining stability. “Full Off” mode is only intended for off-highway or off-road use.

NOTE:

- “Full Off” is the only operating mode for ESC in 4WD LOW range. The ESC system will be in this mode whenever the vehicle is started in 4WD LOW range or the power transfer unit is shifted into 4WD LOW range.

- The “ESC OFF” message will display and a chime will sound when the gear selector is moved from any position to the PARK position and then moved out of the PARK position. This will occur even if the message was cleared previously.

Selec-Terrain — If Equipped

On models equipped with Selec-Terrain, the activation of some driving modes provide partial off or full off of some active safety systems in order to optimize performance in specific modes.

Partial or full off of the active safety systems will be indicated by a light in the instrument cluster.

In “SAND” and “MUD”, the active safety systems are partially disabled and put in place to ensure maximum performance in the specific mode of operation. However, you can reactivate them completely at any time by pushing the ESC button.

NOTE:

In 4WD LOW, the active safety systems are completely bypassed in order to ensure maximum off-road performance.

ESC Activation/Malfunction Indicator Light And ESC OFF Indicator Light



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

The “ESC Activation/Malfunction Indicator Light” (located in the instrument cluster) starts to flash as soon as the tires lose traction and the ESC system becomes active. The “ESC Activation/Malfunction Indicator Light” also flashes when Traction Control

System is active. If the “ESC Activation/Malfunction Indicator Light” begins to flash during acceleration, ease up on the accelerator and apply as little throttle as possible. Be sure to adapt your speed and driving to the prevailing road conditions.

NOTE:

- The “ESC Activation/Malfunction Indicator Light” and the “ESC OFF Indicator Light” come on momentarily each time the ignition switch is turned ON.
- Each time the ignition is turned ON, the ESC system will be ON even if it was turned off previously.
- The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive following the maneuver that caused the ESC activation.



The “ESC OFF Indicator Light” indicates the Electronic Stability Control (ESC) is partially off or full off.

The ESC OFF switch is located in the center console.

Electronic Roll Mitigation (ERM)

This system anticipates the potential for wheel lift by monitoring the driver's steering wheel input and the speed of the vehicle. When ERM determines that the rate of change of the steering wheel angle and vehicle's speed are sufficient to potentially cause wheel lift, it then applies the appropriate brake and may also reduce engine power to lessen the chance that wheel lift will occur. ERM will only intervene during very severe or evasive driving maneuvers. ERM can only reduce the chance of wheel lift occurring during severe or evasive driving maneuvers. It cannot prevent wheel lift due to other factors, such as road conditions, leaving the roadway, or striking objects or other vehicles.

NOTE:

ERM is disabled anytime the ESC is in “Full Off” mode. Refer to Electronic Stability Control (ESC) in this section for a complete explanation of the available ESC modes.



WARNING!

Many factors, such as vehicle loading, road conditions, and driving conditions, influence the chance that wheel lift or rollover may occur. Electronic Roll Mitigation (ERM) cannot prevent all wheel lift or rollovers, especially those that involve leaving the roadway or striking objects or other vehicles. The capabilities of an ERM-equipped vehicle must never be exploited in a reckless or dangerous manner, which could jeopardize the user's safety or the safety of others.

Traction Control System (TCS)

This system monitors the amount of wheel spin of each of the driven wheels. If wheel spin is detected, brake pressure is applied to the slipping wheel(s) and engine power is reduced to provide enhanced acceleration and stability. A feature of the TCS system, Brake Limited Differential (BLD), functions similar to a limited slip differential and controls the wheel spin across a driven axle. If one wheel on a driven axle is spinning faster than the other, the system will apply the

brake of the spinning wheel. This will allow more engine torque to be applied to the wheel that is not spinning. This feature remains active even if TCS and ESC are in the "Partial Off" mode or the "Full Off" mode. Refer to "Electronic Stability Control (ESC)" in this section for further information.

Dynamic Steering Torque (DST)

The DST function uses the integration of the ESC system with the electric power steering to increase the safety level of the whole car. In critical situations (understeering, oversteering, braking with different grip conditions), through the DST function the ESC system controls the steering to implement an additional torque contribution on the steering wheel, to suggest the most correct maneuver to the driver. The coordinated action of brakes and steering increases the safety and car control feeling.

NOTE:

The DST is a driving aid system and does not replace the driver's actions while driving the car.

Hill Descent Control (HDC) — If Equipped**Hill Descent Control (Trailhawk)**

HDC is intended for low speed off road driving while in 4WD Low Range. HDC maintains vehicle speed while descending hills during various driving situations. HDC controls vehicle speed by actively controlling the brakes.

HDC has three states:

1. Off (feature is not enabled and will not activate).

2. Enabled (feature is enabled and ready but activation conditions are not met, or driver is actively overriding with brake or throttle application).
3. Active (feature is enabled and actively controlling vehicle speed).

Enabling HDC

HDC is enabled by pushing the HDC switch, but the following conditions must also be met to enable HDC:

- Driveline is in 4WD Low Range.
- Vehicle speed is below 7.5 mph (12 km/h).
- Electric Park Brake (EPB) is released.
- Driver's door is closed.

Activating HDC

Once HDC is enabled, it will activate automatically if driven down a grade of sufficient magnitude (greater than approximately 8%). The set speed for HDC is selectable by the driver and can be adjusted using brake and throttle input.

Driver Override:

The driver may override HDC activation with throttle or brake application at anytime.

Deactivating HDC

HDC will be deactivated but remain available if any of the following conditions occur:

- Driver overrides HDC set speed with throttle or brake application.
- Vehicle speed exceeds 7.5 mph (12 km/h) but remains below 25 mph (40 km/h).
- Vehicle is on a downhill grade of insufficient magnitude (less than approximately 8%), is on level ground, or is on an uphill grade.
- Vehicle is shifted to PARK.

Disabling HDC

HDC will be deactivated and disabled if any of the following conditions occur:

- The driver pushes the HDC switch.
- The driveline is shifted out of 4WD Low Range.
- Driver's door opens.

- The vehicle is driven greater than 25 mph (40 km/h) (HDC exits immediately.)

Feedback To The Driver:

The instrument cluster has an HDC icon and the HDC switch has an LED which offer feedback to the driver about the state HDC is in.

- The cluster icon and switch lamp will illuminate and remain solid when HDC is enabled or activated. This is the normal operating condition for HDC.
- The switch lamp will flash for several seconds then extinguish when the driver pushes the HDC switch when enable conditions have not been met.

The Hill Descent Switch is located within the Selec-Terrain knob in the upper right position.

WARNING!

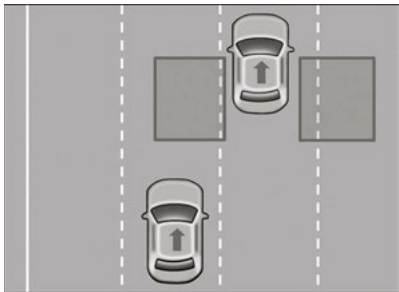
HDC is only intended to assist the driver in controlling vehicle speed when descending hills. The driver must remain attentive to the driving conditions and is responsible for maintaining a safe vehicle speed.



AUXILIARY DRIVING SYSTEMS

Blind Spot Monitoring (BSM) – If Equipped

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



Rear Detection Zones

When the vehicle is started, the BSM warning light will momentarily illuminate in both outside rear view mirrors to let the driver know

that the system is operational. The BSM system sensors operate when the vehicle is in any forward gear or REVERSE and enters stand-by mode when the vehicle is in PARK.

The BSM detection zone covers approximately one lane width on both sides of the vehicle, 10 ft (3 m). The zone length starts at the outside mirror and extends approximately 20 ft (6 m) beyond the rear bumper of the vehicle. The BSM system monitors the detection zones on both sides of the vehicle when the vehicle speed reaches approximately 6 mph (10 km/h) or higher and will alert the driver of vehicles in these areas.

NOTE:

- The BSM system does NOT alert the driver about rapidly approaching vehicles that are outside the detection zones.
- If a trailer is connected to the vehicle, it is necessary to deactivate BSM system manually by settings menu to avoid a misdetection. Refer to “Uconnect Settings” in “Multimedia” in your Owner’s Manual for further information.

The area on the rear fascia where the radar sensors are located must remain free of snow, ice, and dirt/road contamination so that the BSM system can function properly. Do not block the radar sensors located on the rear fascia with foreign objects (bumper stickers, bicycle racks, etc.).

The BSM system notifies the driver of objects in the detection zones by illuminating the BSM warning light located in the outside mirrors in addition to sounding an audible (chime) alert and reducing the radio volume. Refer to “Modes Of Operation” for further information.

The BSM system monitors the detection zone from three different entry points (side, rear, front) while driving to see if an alert is necessary. The BSM system will issue an alert during these types of zone entries.

Entering From The Side

Vehicles that move into your adjacent lanes from either side of the vehicle.

Entering From The Rear

Vehicles that come up from behind your vehicle on either side and enter the rear detection zone with a relative speed of less than 31 mph (50 km/h).

Overtaking Traffic

If you pass another vehicle slowly with a relative speed less than 15 mph (25 km/h) and the vehicle remains in the blind spot for approximately 1.5 seconds, the warning light will be illuminated. If the difference in speed between the two vehicles is greater than 15 mph (25 km/h), the warning light will not illuminate.

The BSM system is designed not to issue an alert on stationary objects such as guardrails, posts, walls, foliage, berms, etc. However, occasionally the system may alert on such objects. This is normal operation and your vehicle does not require service.

The BSM system will not alert you of objects that are traveling in the opposite direction of the vehicle in adjacent lanes.

WARNING!

The Blind Spot Monitoring system is only an aid to help detect objects in the blind spot zones. The BSM system is not designed to detect pedestrians, bicyclists, or animals. Even if your vehicle is equipped with the BSM system, always check your vehicle's mirrors, glance over your shoulder, and use your turn signal before changing lanes. Failure to do so can result in serious injury or death.

Rear Cross Path (RCP)

The Rear Cross Path (RCP) feature is intended to aid the driver when backing out of parking spaces where their vision of oncoming vehicles may be blocked. Proceed slowly and cautiously out of the parking space until the rear end of the vehicle is exposed. The RCP system will then have a clear view of the cross traffic and if an oncoming vehicle is detected, alert the driver.

RCP monitors the rear detection zones on both sides of the vehicle, for objects that are moving toward the side of the vehicle with a minimum speed of approximately 1 mph

(2 km/h), to objects moving a maximum of approximately 22 mph (35 km/h), such as in parking lot situations.

NOTE:

In a parking lot situation, oncoming vehicles can be obscured by vehicles parked on either side. If the sensors are blocked by other structures or vehicles, the system will not be able to alert the driver.

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

WARNING!

Rear Cross Path Detection (RCP) is not a back up aid system. It is intended to be used to help a driver detect an oncoming vehicle in a parking lot situation. Drivers must be careful when backing up, even when using RCP. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind



WARNING!

spots before backing up. Failure to do so can result in serious injury or death.

Modes Of Operation

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

Blind Spot Alert Lights Only

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

Blind Spot Alert Lights/Chime

When operating in Blind Spot Alert Lights/Chime mode, the BSM system will provide a visual alert in the appropriate side view mirror

based on a detected object. If the turn signal is then activated, and it corresponds to an alert present on that side of the vehicle, an audible chime will also be sounded. Whenever a turn signal and detected object are present on the same side at the same time, both the visual and audible alerts will be issued. In addition to the audible alert, the radio (if on) will also be muted.

NOTE:

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

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

Blind Spot Alert Off

When the BSM system is turned off, there will be a related message on instrument cluster display. If BSM system is off, this message will be visualized every time the vehicle is restarted.

NOTE:

The BSM system will store the current operating mode when the vehicle is shut off. Each time the vehicle is started the previously stored mode will be recalled and used.

Blind Spot Monitoring Fault Warnings**Sensor Blinded**

In the case of a sensor blinded:

- BSM Mirror Warning Lights are turned on continuously.
- A instrument cluster dedicated message will display.

NOTE:

The rear bumper must be clean and free of any obstructing debris.

System Not Available

In the case of the system being temporary unavailable:

- BSM Mirror Warning Lights are turned on continuously.
- A instrument cluster dedicated message will display.

In the case of the system being completely unavailable:

- A chime will sound.
- A instrument cluster dedicated message will display.

NOTE:

Vehicle must be taken to the nearest authorized dealer for service.

General Information

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

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

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

NOTE:

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

Forward Collision Warning (FCW) With Mitigation Operation – If Equipped

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

NOTE:

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

- If the driver does not take action based upon these progressive warnings, then the system will provide a limited level of active braking to help slow the vehicle and mitigate the potential forward collision. If the driver reacts to the warnings by braking and the system determines that the driver intends to avoid the collision by braking but has not applied sufficient brake force, the system will compensate and provide additional brake force as required.

Vehicles With A Manual Transmission: After the end of the intervention of automatic braking, the engine could stall, unless the driver can depress the clutch pedal.

Vehicles With Automatic Transmission: After the end of the intervention of automatic braking, the transmission may remain in last gear stored: therefore the vehicle could lurch forward, once the brakes release a few seconds later. If the Forward Collision Warning with Mitigation event stops the vehicle completely, the system will hold the vehicle at standstill for two seconds and then release the brakes.



If a Forward Collision Warning with Mitigation event begins at a speed below 26 mph (42 km/h), the system may provide the maximum braking possible to mitigate the potential forward collision. If the Forward Collision Warning with Mitigation event stops the vehicle completely, the system will hold the vehicle at standstill for two seconds and then release the brakes.

When the system determines a collision with the vehicle in front of you is no longer probable, the warning message will be deactivated.

NOTE:

- The minimum speed for FCW activation is 3 mph (5 km/h).
- The FCW alerts may be triggered on objects other than vehicles such as guard rails or sign posts based on the course prediction. This is expected and is a part of normal FCW activation and functionality.
- The FCW system is intended for on-road use only. If the vehicle is taken off-road, the FCW system should be deactivated to prevent unnecessary warnings to the surroundings.
- If the vehicle enters 4WD Low Range, the FCW system will be automatically deactivated.
- The active braking is disabled when a trailer is connected with a Mopar Trailer Towing system. If the vehicle is equipped with an aftermarket system, it is recommended that the Active Braking is turned off manually.

WARNING!

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

Turning FCW On Or Off

The Forward Collision menu setting is located in the Uconnect settings.

NOTE:

The default status of FCW is “Warning + Active Braking,” this allows the system to warn you of a possible collision with the vehicle in front of you and enable the active braking.

- Changing the FCW status to “Off” deactivates the system, so no warning or active braking will be available in case of a possible collision
- Changing the FCW status to “Only warning” prevents the system from providing limited active braking, or additional brake support if the driver is not braking adequately in the event of a potential frontal collision, but maintains the audible and visual warnings.

Changing the status of the system is only possible with the vehicle at a complete stop.

NOTE:

The FCW system state is not kept in memory from one ignition position to the next. If the system is turned off, it will turn on when the vehicle is restarted.

Changing FCW Sensitivity

By changing the settings on the menu of the Uconnect system, you can change the sensitivity of the system by choosing one of the following three options: "Near", "Medium" or "Far". Refer to "Uconnect Settings" in "Multimedia" in the Owner's Manual for further information.

The default option is "Medium". This setting provides that the system notify the driver of a possible accident with the vehicle ahead of it when the latter is at a standard distance, intermediate between the other two possible settings.

By setting the sensitivity of the system to "Far", the system will warn the driver of a possible accident with the vehicle in front when the latter is at a greater distance, giving you the chance to act on the brakes in a more

limited and gradual. This setting gives the driver the maximum possible time of reaction to prevent a possible accident.

By changing the option to "Near", the system will warn the driver of a possible accident with the vehicle ahead of it when the latter is a reduced distance. This setting offers a reaction time to the driver lower than the settings "Medium" and "Far", in the case of a potential accident, while a more dynamic driving of the vehicle.

The setting of the sensitivity of the system is maintained in memory when the engine is switched off.

FCW Limited Warning

If the instrument cluster display reads "FCW Limited Functionality" or "FCW Limited Functionality Wipe Front Windshield" momentarily, there may be a condition that limits FCW functionality. Although the vehicle is still drivable under normal conditions, the active braking may not be fully available. Once the condition that limited the system

performance is no longer present, the system will return to its full performance state. If the problem persists, see your authorized dealer.

Service FCW Warning

If the system turns off, and the instrument cluster display reads:

- FCW Unavailable Service Required

This indicates there is an internal system fault. Although the vehicle is still drivable under normal conditions, have the system checked by an authorized dealer.

"FCW Front Radar Sensor Temporarily Blocked" Warning

The "FCW Front Radar Sensor Temporarily Blocked" warning will display when conditions temporarily limit system performance. This most often occurs at times of poor visibility, such as in snow or heavy rain. The system may also become temporarily blinded due to obstructions, such as mud, dirt or ice. In these cases, the instrument cluster display will read "FCW Front Radar Sensor Temporarily Blocked" and the system will deactivate.



The “FCW Front Radar Sensor Temporarily Blocked” message can sometimes be displayed while driving in highly reflective areas (i.e. tunnels with reflective tiles, or ice and snow). The system will recover after the vehicle has left these areas. Under rare conditions, when the radar is not tracking any vehicles or objects in its path this warning may temporarily occur.

If weather conditions are not a factor, the driver should examine the sensor. It may require cleaning or removal of an obstruction. In absence of visible obstructions on the bumper, it could be necessary to wipe off the radar directly on the surface, after having the radar cover removed. It's recommended that your authorized dealer perform this operation.

NOTE:

- If the “FCW Front Radar Sensor Temporarily Blocked” message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstruction, have the radar sensor realigned at your authorized dealer.

- Installing a snow plow or front-end protector is not recommended. Doing so may block the sensor and inhibit FCW operation.
- Use only a soft cloth for cleaning. Do not use solvents or abrasive pastes.
- The radar is equipped with a defrost system, so in some climatic conditions it could reach high temperatures. Wait at least 30 seconds after the engine has been cycled OFF before touching the sensor.

Precautions While Driving With FCW

In certain driving conditions, such as:

- Driving in the vicinity of a curve
- Small vehicles and/or not aligned to the lane
- Lane changing of other vehicles
- Passing of vehicles in an oncoming intersection

The intervention of the system could be unexpected or delayed. The driver must therefore always pay particular attention, while maintaining control of the vehicle to drive in complete safety.

Driving In The Vicinity Of A Curve

Entering or exiting a large curve, the system could detect the presence of a vehicle that is in front of the vehicle, but that does not preside in the same lane. In cases such as this, the system might respond.

Small Vehicles And/Or Not Aligned To The Lane

The system is not able to detect the presence of vehicles that are in front of the vehicle but placed outside the field of action of the radar sensor and could therefore not react in the presence of small vehicles such as bicycles or motorcycles.

Lane Changing Of Other Vehicles

Vehicles that suddenly change lane, while standing in the traffic lane of their vehicle and inside the field of action of the radar sensor may cause the intervention of the system.

Passing Of Vehicles In An Oncoming Intersection

The system could temporarily react to a vehicle that crossed the range of the radar sensor, in an oncoming intersection.

General Information

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

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

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

NOTE:

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

Tire Pressure Monitor System (TPMS)

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

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

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

The TPMS will continue to warn the driver of low tire pressure as long as the condition exists, and will not turn off until the tire

pressure is at or above the recommended cold placard pressure. Once the low tire pressure warning (Tire Pressure Monitoring Telltale Light) illuminates, you must increase the tire pressure to the recommended cold placard pressure in order for the "Tire Pressure Monitoring Telltale Light" to turn off.

NOTE:

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

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

For example, your vehicle may have a recommended cold (parked for more than three hours) placard pressure of 33 psi (227 kPa). If the ambient temperature is 68°F (20°C) and the measured tire pressure is 28 psi (193 kPa), a temperature drop to 20°F (-7°C)



will decrease the tire pressure to approximately 24 psi (165 kPa). This tire pressure is low enough to turn ON the “Tire Pressure Monitoring Telltale Light.” Driving the vehicle may cause the tire pressure to rise to approximately 28 psi (193 kPa), but the “Tire Pressure Monitoring Telltale Light” will still be on. In this situation, the “Tire Pressure Monitoring Telltale Light” will turn off only after the tires are inflated to the vehicle’s recommended cold placard pressure value.

NOTE:

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

CAUTION!

- The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when

CAUTION!

using replacement equipment that is not of the same size, type, and/or style. The TPM sensor is not designed for use on aftermarket wheels, and may contribute to a poor overall system performance. Customers are encouraged to use OEM wheels to assure TPMS feature operation.

- Using aftermarket tire sealants may cause the Tire Pressure Monitoring System (TPMS) sensor to become inoperable. After using an aftermarket tire sealant it is recommended that you take your vehicle to an authorized dealer to have your sensor function checked.
- After inspecting or adjusting the tire pressure always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the TPMS sensor.

NOTE:

- The TPMS is not intended to replace normal tire care and maintenance, or to provide warning of a tire failure or condition.

- The TPMS should not be used as a tire pressure gauge while adjusting your tire pressure.
- Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle’s handling and stopping ability.
- The TPMS is not a substitute for proper tire maintenance, and it is the driver’s responsibility to maintain correct tire pressure using an accurate tire pressure gauge, even if underinflation has not reached the level to trigger illumination of the “Tire Pressure Monitoring Telltale Light”.
- Seasonal temperature changes will affect TPMS information on your instrument cluster.

Base System

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

NOTE:

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

The TPMS consists of the following components:

- Receiver Module.
- Four Tire Pressure Monitoring Sensors.
- Tire Pressure Monitoring Telltale Light.

Tire Pressure Monitoring Low Pressure Warnings



The “Tire Pressure Monitoring Telltale Light” will illuminate in the instrument cluster, a “LOW TIRE PRESSURE” message will display in the instrument cluster, an “Inflate to XX” message will be displayed and a chime will sound when tire pressure is low in one or more of the four active road tires. Should this occur, you should stop as soon as possible, check the inflation pressure of each tire on your vehicle, and inflate each tire to the vehicle’s recommended cold placard pressure value as

shown in the “Inflate to XX” message. Once the system receives the updated tire pressures, the system will automatically update and the “Tire Pressure Monitoring Telltale Light” will turn off.

NOTE:

When filling warm tires, the tire pressure may need to be increased up to an additional 4 psi (28 kPa) above the recommended cold placard pressure in order to turn the Tire Pressure Monitoring Telltale Light off. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

Service TPMS Warning

When a system fault is detected, the “Tire Pressure Monitoring Telltale Light” will flash on and off for 75 seconds and then remain on solid. The system fault will also sound a chime. If the ignition is cycled, this sequence will repeat, providing the system fault still exists. The “Tire Pressure Monitoring Telltale Light” will turn off when the fault condition no longer exists. A system fault can occur due to any of the following:

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

Vehicles With Compact Spare or non-Matching Full Size Spare

1. The compact spare tire or non-matching full size spare tire does not have a tire pressure monitoring sensor. Therefore, the TPMS will not monitor the pressure in the spare tire.
2. If you install the compact or non-matching full size spare tire in place of a road tire that has a pressure below the low-pressure warning limit, a chime will sound and the “TPMS Telltale Light” and “LOW TIRE PRESSURE” and “Inflate to XX” messages will turn on upon the next ignition cycle.



- After driving the vehicle for up to 20 minutes above 15 mph (24 km/h), the "TPMS Telltale Light" will flash on and off for 75 seconds and then remain on solid.
- For each subsequent ignition cycle, a chime will sound and the "TPMS Telltale Light" will flash on and off for 75 seconds and then remain on solid.
- Once you repair or replace the original road tire and reinstall it on the vehicle in place of the compact spare or non-matching full size spare, the TPMS will update automatically and the "TPMS Telltale Light" will turn off, as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

Tire Pressure Monitor System Operation

The Tire Pressure Monitor System (TPMS) uses wireless technology with wheel rim mounted electronic sensors to monitor tire

pressure levels. Sensors, mounted to each wheel as part of the valve stem, transmit tire pressure readings to the receiver module.

NOTE:

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

The TPMS consists of the following components:

- Receiver Module.
- Four Tire Pressure Monitoring Sensors.
- Various Tire Pressure Monitoring System messages, which display in the instrument cluster.
- Tire Pressure Monitoring Telltale Light.

Tire Pressure Monitoring Low Pressure Warnings



The "Tire Pressure Monitoring Telltale Light" will illuminate in the instrument cluster and a chime will sound when tire pressure is low in one or more of the four active road tires. In addition,

the instrument cluster will display a "Tire Low" message for a minimum of five seconds and a graphic showing the pressure values of each tire with the low tire pressure values in a different color.



Tire Pressure Monitoring Low Pressure Warning

Should this occur, you should stop as soon as possible and inflate the tires with low pressure (those in a different color in the instrument cluster graphic) to the vehicle's recommended cold placard pressure value as shown in the "Inflate to XX" message. Once

Vehicles With Compact Spare or Non-Matching Full Size Spare

1. The compact spare tire or non-matching full size does not have a tire pressure monitoring sensor. Therefore, the TPMS will not monitor the pressure in the compact spare tire.
2. If you install the compact or non-matching full size spare tire in place of a road tire that has a pressure below the low-pressure warning limit, upon the next ignition key cycle, the “TPMS Telltale Light” will remain on and a chime will sound. In addition, the graphic in the instrument cluster will still display a different color pressure value and an “Inflate to XX” message.
3. After driving the vehicle for up to 20 minutes above 15 mph (24 km/h), the “TPMS Telltale Light” will flash on and off for 75 seconds and then remain on solid. In addition, the instrument cluster will display a “SERVICE TPM SYSTEM” message for five seconds and then display dashes (- -) in place of the pressure value.
4. For each subsequent ignition key cycle, a chime will sound, the “TPMS Telltale Light” will flash on and off for 75 seconds and then remain on solid, and the instrument cluster will display a “SERVICE TPM SYSTEM” message for five seconds and then display dashes (- -) in place of the pressure value.
5. Once you repair or replace the original road tire and reinstall it on the vehicle in place of the compact spare or non-matching full size, the TPMS will update automatically. In addition, the “TPMS Telltale Light” will turn off and the graphic in the instrument cluster will display a new pressure value instead of dashes (- -), as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

TPMS Deactivation — If Equipped

The TPMS can be deactivated if replacing all four wheel and tire assemblies (road tires) with wheel and tire assemblies that do not have TPMS Sensors, such as when installing Winter wheel and tire assemblies on your vehicle. To deactivate the TPMS, first, replace all four wheel and tire assemblies (road tires) with tires not equipped with Tire Pressure Monitoring (TPM) Sensors. Then, drive the vehicle for 20 minutes above 15 mph (24 km/h). The TPMS will chime, the “TPM Telltale Light” will flash on and off for 75 seconds and then remain on and the instrument cluster will display the “SERVICE TPM SYSTEM” message and then display dashes (- -) in place of the pressure values. Beginning with the next ignition switch cycle, the TPMS will no longer chime or flash the TPM telltale and display the “SERVICE TPM SYSTEM” message in the instrument cluster display but dashes (- -) will remain in place of the pressure values.

To reactivate the TPMS, replace all four wheel and tire assemblies (road tires) with tires equipped with TPM sensors. Then, drive

the vehicle for up to 20 minutes above 15 mph (24 km/h). The TPMS will chime, the “TPM Telltale Light” will flash on and off for 75 seconds and then turn off, and the instrument cluster will display the “SERVICE TPM SYSTEM” message. The instrument cluster will also display pressure values in place of the dashes. On the next ignition switch cycle the “SERVICE TPM SYSTEM” message will no longer be displayed as long as no system fault exists.

General Information

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

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

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

NOTE:

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

OCCUPANT RESTRAINT SYSTEMS

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

Occupant Restraint Systems

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

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

Important Safety Precautions

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

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

1. Children 12 years old and under should always ride buckled up in the rear seat of a vehicle with a rear seat.
2. A child who is not big enough to wear the vehicle seat belt properly (Refer to “Child Restraints” in this section for further information) must be secured in the appropriate child restraint or belt-positioning booster seat in a rear seating position.
3. If a child from 2 to 12 years old (not in a rear-facing child restraint) must ride in the front passenger seat, move the seat as far back as possible and use the proper child restraint (Refer to “Child Restraints” in this section for further information).



4. Never allow children to slide the shoulder belt behind them or under their arm.
5. You should read the instructions provided with your child restraint to make sure that you are using it properly.
6. All occupants should always wear their lap and shoulder belts properly.
7. The driver and front passenger seats should be moved back as far as practical to allow the front air bags room to inflate.
8. Do not lean against the door or window. If your vehicle has side air bags, and deployment occurs, the side air bags will inflate forcefully into the space between occupants and the door and occupants could be injured.
9. If the air bag system in this vehicle needs to be modified to accommodate a disabled person, refer to “Customer Assistance” for customer service contact information.

WARNING!

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

Seat Belt Systems

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


Research has shown that seat belts save lives, and they can reduce the seriousness of injuries in a collision. Some of the worst injuries happen when people are thrown from the vehicle. Seat belts reduce the possibility

of ejection and the risk of injury caused by striking the inside of the vehicle. Everyone in a motor vehicle should be belted at all times.

Enhanced Seat Belt Use Reminder System (BeltAlert)

Front And Rear Seat BeltAlert (If Equipped)

Front Seat BeltAlert

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

Initial Indication

If the driver is unbuckled when the ignition switch is first in the START or ON/RUN position a chime will signal for a few seconds. If the driver or outboard front seat passenger is unbuckled when the ignition switch is first in the START or ON/RUN position the respective Seat Belt Reminder Light will turn solid red and remain red until the seat belt is buckled. The respective Seat Belt Reminder Light will turn solid green once the seat belt is buckled. After the driver and outboard

front seat passenger have buckled their seat belts all Seat Belt Reminder Lights will turn off. The outboard front passenger seat BeltAlert is not active when the outboard front passenger seat is unoccupied.

BeltAlert Warning Sequence

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

Change Of Status

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

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

Rear Seat BeltAlert

Rear Seat BeltAlert shows the driver whether the seat belts in the rear seat are buckled or unbuckled. When the ignition switch is in the START or ON/RUN position, a Seat Belt Reminder Light turns on for each rear seat position. If a seat belt is buckled, the Seat Belt Reminder Light for that position will illuminate solid green for a few seconds, and

then turn off. If a seat belt is unbuckled, the Seat Belt Reminder Light will illuminate red for a few seconds, and then turn off. If the vehicle is moving above a specified vehicle speed range and a rear passenger unbuckles a seat belt that was buckled at the start of the trip, an intermittent chime will sound, and the Seat Belt Reminder Light for that position will change from solid green to blinking red. This will alert the driver to stop the vehicle until the rear passenger buckles the seat belt again. When the rear passenger buckles the seat belt, the Seat Belt Reminder Light will change to solid green for a few seconds, before turning off.

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

NOTE:

If BeltAlert has been deactivated, the Seat Belt Reminder Light will turn on and remain on until the driver and outboard front seat passenger seat belts are buckled.



Lap/Shoulder Belts

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

The seat belt webbing retractor will lock only during very sudden stops or collisions. This feature allows the shoulder part of the seat belt to move freely with you under normal conditions. However, in a collision the seat belt will lock and reduce your risk of striking the inside of the vehicle or being thrown out of the vehicle.

WARNING!

- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, the air bags won't deploy at all. Always wear your seat belt even though you have air bags.
- In a collision, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of

WARNING!

the vehicle. Always be sure you and others in your vehicle are buckled up properly.

- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly. Occupants, including the driver, should always wear their seat belts whether or not an air bag is also provided at their seating position to minimize the risk of severe injury or death in the event of a crash.
- Wearing your seat belt incorrectly could make your injuries in a collision much worse. You might suffer internal injuries, or you could even slide out of the seat belt. Follow these instructions to wear

WARNING!

your seat belt safely and to keep your passengers safe, too.

- Two people should never be belted into a single seat belt. People belted together can crash into one another in a collision, hurting one another badly. Never use a lap/shoulder belt or a lap belt for more than one person, no matter what their size.

WARNING!

- A lap belt worn too high can increase the risk of injury in a collision. The seat belt forces won't be at the strong hip and pelvic bones, but across your abdomen. Always wear the lap part of your seat belt as low as possible and keep it snug.
- A twisted seat belt may not protect you properly. In a collision, it could even cut into you. Be sure the seat belt is flat against your body, without twists. If you can't straighten a seat belt in your vehicle, take it to an authorized dealer immediately and have it fixed.

WARNING!

- A seat belt that is buckled into the wrong buckle will not protect you properly. The lap portion could ride too high on your body, possibly causing internal injuries. Always buckle your seat belt into the buckle nearest you.
- A seat belt that is too loose will not protect you properly. In a sudden stop, you could move too far forward, increasing the possibility of injury. Wear your seat belt snugly.
- A seat belt that is worn under your arm is dangerous. Your body could strike the inside surfaces of the vehicle in a collision, increasing head and neck injury. A seat belt worn under the arm can cause internal injuries. Ribs aren't as strong as shoulder bones. Wear the seat belt over your shoulder so that your strongest bones will take the force in a collision.
- A shoulder belt placed behind you will not protect you from injury during a collision. You are more likely to hit your head in a collision if you do not wear

WARNING!

- your shoulder belt. The lap and shoulder belt are meant to be used together.
- A frayed or torn seat belt could rip apart in a collision and leave you with no protection. Inspect the seat belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the seat belt system. Seat belt assemblies must be replaced after a collision.

Lap/Shoulder Belt Operating Instructions

1. Enter the vehicle and close the door. Sit back and adjust the seat.
2. The seat belt latch plate is above the back of the front seat, and next to your arm in the rear seat (for vehicles equipped with a rear seat). Grasp the latch plate and pull out the seat belt. Slide the latch plate up the webbing as far as necessary to allow the seat belt to go around your lap.



Pulling Out The Latch Plate

- 1 — Seat Belt Buckle
 - 2 — Seat Belt Latch Plate
3. When the seat belt is long enough to fit, insert the latch plate into the buckle until you hear a “click.”
 4. Position the lap belt so that it is snug and lies low across your hips, below your abdomen. To remove slack in the lap belt portion, pull up on the shoulder belt. To



loosen the lap belt if it is too tight, tilt the latch plate and pull on the lap belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision.

5. Position the shoulder belt across the shoulder and chest with minimal, if any slack so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the shoulder belt.
6. To release the seat belt, push the red button on the buckle. The seat belt will automatically retract to its stowed position. If necessary, slide the latch plate down the webbing to allow the seat belt to retract fully.

Lap/Shoulder Belt Untwisting Procedure

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

1. Position the latch plate as close as possible to the anchor point.
2. At about 6 to 12 inches (15 to 30 cm) above the latch plate, grasp and twist the seat belt webbing 180 degrees to create a fold that begins immediately above the latch plate.

3. Slide the latch plate upward over the folded webbing. The folded webbing must enter the slot at the top of the latch plate.
4. Continue to slide the latch plate up until it clears the folded webbing and the seat belt is no longer twisted.

Adjustable Upper Shoulder Belt Anchorage

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



Adjustable Upper Anchorage

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

NOTE:

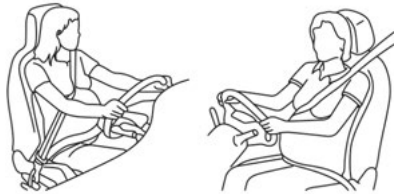
The adjustable upper shoulder belt anchorage is equipped with an Easy Up feature. This feature allows the shoulder belt anchorage to be adjusted in the upward position without pushing or squeezing the release button. To verify the shoulder belt anchorage is latched, pull downward on the shoulder belt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

WARNING!

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

WARNING!

- Misadjustment of the seat belt could reduce the effectiveness of the safety belt in a crash.
- Always make all seat belt height adjustments when the vehicle is stationary.

Seat Belts And Pregnant Women**Pregnant Women And Seat Belts**

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

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

Seat Belt Pretensioner

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

NOTE:

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

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

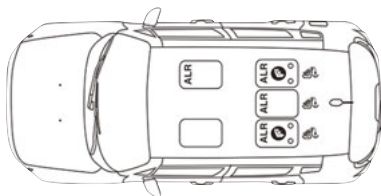


Energy Management Feature

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

Switchable Automatic Locking Retractor (ALR)

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



ALR — Switchable Automatic Locking Retractor

If the passenger seating position is equipped with an ALR and is being used for normal usage, only pull the seat belt webbing out far enough to comfortably wrap around the occupant's mid-section so as to not activate the ALR. If the ALR is activated, you will hear a clicking sound as the seat belt retracts. Allow the webbing to retract completely in this case and then carefully pull out only the amount of

webbing necessary to comfortably wrap around the occupant's mid-section. Slide the latch plate into the buckle until you hear a "click."

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

WARNING!

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

WARNING!

seat, do not transport a rear-facing child restraint in that vehicle.

How To Engage The Automatic Locking Mode

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

How To Disengage The Automatic Locking Mode

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

WARNING!

- The seat belt assembly must be replaced if the switchable Automatic Locking Re-

WARNING!

tractor (ALR) feature or any other seat belt function is not working properly when checked according to the procedures in the Service Manual.

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


Supplemental Restraint Systems (SRS)

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


The air bag system must be ready to protect you in a collision. The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated

with the electrical Air Bag System Components. Your vehicle may be equipped with the following Air Bag System Components:

Air Bag System Components

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

Air Bag Warning Light

 The ORC monitors the readiness of the electronic parts of the air bag system whenever the ignition switch is in the AVV/START



or MAR/ACC/ON/RUN position. If the ignition switch is in the STOP/OFF/LOCK position the air bag system is not on and the air bags will not inflate.

The ORC contains a backup power supply system that may deploy the air bag system even if the battery loses power or it becomes disconnected prior to deployment.

The ORC turns on the Air Bag Warning Light in the instrument panel for approximately four to eight seconds for a self-check when the ignition switch is in the MAR/ACC/ON/RUN position. After the self-check, the Air Bag Warning Light will turn off. If the ORC detects a malfunction in any part of the system, it turns on the Air Bag Warning Light, either momentarily or continuously. A single chime will sound to alert you if the light comes on again after initial startup.

The ORC also includes diagnostics that will illuminate the instrument panel Air Bag Warning Light if a malfunction is detected that could affect the air bag system. The diagnostics also record the nature of the malfunction. While the air bag system is

designed to be maintenance free, if any of the following occurs, have an authorized dealer service the air bag system immediately.

- The Air Bag Warning Light does not come on during the four to eight seconds when the ignition switch is first in the MAR/ACC/ON/RUN position.
- The Air Bag Warning Light remains on after the four to eight-second interval.
- The Air Bag Warning Light comes on intermittently or remains on while driving.

NOTE:

If the speedometer, tachometer, or any engine related gauges are not working, the Occupant Restraint Controller (ORC) may also be disabled. In this condition the air bags may not be ready to inflate for your protection. Have an authorized dealer service the air bag system immediately.

WARNING!

Ignoring the Air Bag Warning Light in your instrument panel could mean you won't

WARNING!

have the air bag system to protect you in a collision. If the light does not come on as a bulb check when the ignition is first turned on, stays on after you start the vehicle, or if it comes on as you drive, have an authorized dealer service the air bag system immediately.

Redundant Air Bag Warning Light

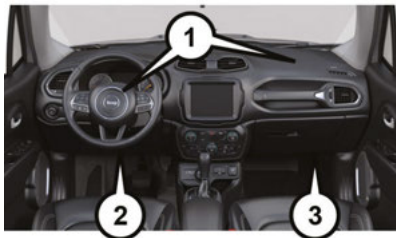


If a fault with the Air Bag Warning Light is detected, which could affect the Supplemental Restraint System (SRS), the Redundant Air Bag Warning Light will illuminate on the instrument panel. The Redundant Air Bag Warning Light will stay on until the fault is cleared. In addition, a single chime will sound to alert you that the Redundant Air Bag Warning Light has come on and a fault has been detected. If the Redundant Air Bag Warning Light comes on intermittently or remains on while driving have an authorized dealer service the vehicle immediately.

For additional information regarding the Redundant Air Bag Warning Light refer to “Getting To Know Your Instrument Panel” section of this manual.

Front Air Bags

This vehicle has front air bags and lap/shoulder belts for both the driver and front passenger. The front air bags are a supplement to the seat belt restraint systems. The driver front air bag is mounted in the center of the steering wheel. The passenger front air bag is mounted in the instrument panel, above the glove compartment. The words “SRS AIRBAG” or “AIRBAG” are embossed on the air bag covers.



Front Air Bag/Knee Impact Bolster Locations

- 1 — Driver And Passenger Front Air Bags
- 2 — Driver Knee Impact Bolster/
Supplemental Driver Knee Air Bag
- 3 — Passenger Knee Impact Bolster

WARNING!

- Being too close to the steering wheel or instrument panel during front air bag

WARNING!

deployment could cause serious injury, including death. Air bags need room to inflate. Sit back, comfortably extending your arms to reach the steering wheel or instrument panel.

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

Driver And Passenger Front Air Bag Features

The Advanced Front Air Bag system has multistage driver and front passenger air bags. This system provides output appropriate to the severity and type of collision as determined by the Occupant Restraint Controller



(ORC), which may receive information from the front impact sensors (if equipped) or other system components.

The first stage inflator is triggered immediately during an impact that requires air bag deployment. A low energy output is used in less severe collisions. A higher energy output is used for more severe collisions.

This vehicle may be equipped with a driver and/or front passenger seat belt buckle switch that detects whether the driver or front passenger seat belt is buckled. The seat belt buckle switch may adjust the inflation rate of the Advanced Front Air Bags.

This vehicle may be equipped with driver and/or front passenger seat track position sensors that may adjust the inflation rate of the Advanced Front Air Bags based upon seat position.

WARNING!

- No objects should be placed over or near the air bag on the instrument panel or steering wheel because any such objects

WARNING!

could cause harm if the vehicle is in a collision severe enough to cause the air bag to inflate.

- Do not put anything on or around the air bag covers or attempt to open them manually. You may damage the air bags and you could be injured because the air bags may no longer be functional. The protective covers for the air bag cushions are designed to open only when the air bags are inflating.
- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, air bags won't deploy at all. Always wear your seat belts even though you have air bags.

Front Air Bag Operation

Front Air Bags are designed to provide additional protection by supplementing the seat belts. Front air bags are not expected to reduce the risk of injury in rear, side, or rollover collisions. The front air bags will not

deploy in all frontal collisions, including some that may produce substantial vehicle damage — for example, some pole collisions, truck underrides, and angle offset collisions.

On the other hand, depending on the type and location of impact, front air bags may deploy in crashes with little vehicle front-end damage but that produce a severe initial deceleration.

Because air bag sensors measure vehicle deceleration over time, vehicle speed and damage by themselves are not good indicators of whether or not an air bag should have deployed.

Seat belts are necessary for your protection in all collisions, and also are needed to help keep you in position, away from an inflating air bag.

When the ORC detects a collision requiring the front air bags, it signals the inflator units. A large quantity of non-toxic gas is generated to inflate the front air bags.

The steering wheel hub trim cover and the upper passenger side of the instrument panel separate and fold out of the way as the air

bags inflate to their full size. The front air bags fully inflate in less time than it takes to blink your eyes. The front air bags then quickly deflate while helping to restrain the driver and front passenger.

Knee Impact Bolsters

The Knee Impact Bolsters help protect the knees of the driver and front passenger, and position the front occupants for improved interaction with the front air bags.

WARNING!

- Do not drill, cut, or tamper with the knee impact bolsters in any way.
- Do not mount any accessories to the knee impact bolsters such as alarm lights, stereos, citizen band radios, etc.

Supplemental Driver Knee Air Bag

This vehicle is equipped with a Supplemental Driver Knee Air Bag mounted in the instrument panel below the steering column. The Supplemental Driver Knee Air Bag provides

enhanced protection during a frontal impact by working together with the seat belts, pretensioners, and front air bags.

Supplemental Side Air Bags

Supplemental Seat-Mounted Side Air Bags (SABs)

This vehicle is equipped with Supplemental Seat-Mounted Side Air Bags (SABs).

Supplemental Seat-Mounted Side Air Bags (SABs) are located in the outboard side of the front seats. The SABs are marked with “SRS AIRBAG” or “AIRBAG” on a label or on the seat trim on the outboard side of the seats.

The SABs may help to reduce the risk of occupant injury during certain side impacts, in addition to the injury reduction potential provided by the seat belts and body structure.



Front Supplemental Seat-Mounted Side Air Bag

When the SAB deploys, it opens the seam on the outboard side of the seatback's trim cover. The inflating SAB deploys through the seat seam into the space between the occupant and the door. The SAB moves at a very high speed and with such a high force that it could injure occupants if they are not seated properly, or if items are positioned in the area



where the SAB inflates. Children are at an even greater risk of injury from a deploying air bag.

WARNING!

Do not use accessory seat covers or place objects between you and the Side Air Bags; the performance could be adversely affected and/or objects could be pushed into you, causing serious injury.

Supplemental Side Air Bag Inflatable Curtains (SABICs)

This vehicle is equipped with Supplemental Side Air Bag Inflatable Curtains (SABICs).

Supplemental Side Air Bag Inflatable Curtains (SABICs) are located above the side windows. The trim covering the SABICs is labeled “SRS AIRBAG” or “AIRBAG.”



Supplemental Side Air Bag Inflatable Curtain (SABIC) Label Location

SABICs may help reduce the risk of head and other injuries to front and rear seat outboard occupants in certain side impacts, in addition to the injury reduction potential provided by the seat belts and body structure.

The SABIC deploys downward, covering the side windows. An inflating SABIC pushes the outside edge of the headliner out of the way and covers the window. The SABICs inflate

with enough force to injure occupants if they are not belted and seated properly, or if items are positioned in the area where the SABICs inflate. Children are at an even greater risk of injury from a deploying air bag.

The SABICs may help reduce the risk of partial or complete ejection of vehicle occupants through side windows in certain side impact events.

WARNING!

- Do not mount equipment, or stack luggage or other cargo up high enough to block the deployment of the SABICs. The trim covering above the side windows where the SABIC and its deployment path are located should remain free from any obstructions.
- In order for the SABICs to work as intended, do not install any accessory items in your vehicle which could alter the roof. Do not add an aftermarket sunroof to your vehicle. Do not add roof racks that require permanent attachments (bolts or screws) for installation

WARNING!

on the vehicle roof. Do not drill into the roof of the vehicle for any reason.

Side Impacts

The Side Air Bags are designed to activate in certain side impacts. The Occupant Restraint Controller (ORC) determines whether the deployment of the Side Air Bags in a particular impact event is appropriate, based on the severity and type of collision. The side impact sensors aid the ORC in determining the appropriate response to impact events. The system is calibrated to deploy the Side Air Bags on the impact side of the vehicle during impacts that require Side Air Bag occupant protection. In side impacts, the Side Air Bags deploy independently; a left side impact deploys the left Side Air Bags only and a right-side impact deploys the right Side Air Bags only. Vehicle damage by itself is not a good indicator of whether or not Side Air Bags should have deployed.

The Side Air Bags will not deploy in all side collisions, including some collisions at certain angles, or some side collisions that do

not impact the area of the passenger compartment. The Side Air Bags may deploy during angled or offset frontal collisions where the front air bags deploy.

Side Air Bags are a supplement to the seat belt restraint system. Side Air Bags deploy in less time than it takes to blink your eyes.

WARNING!

- Occupants, including children, who are up against or very close to Side Air Bags can be seriously injured or killed. Occupants, including children, should never lean on or sleep against the door, side windows, or area where the side air bags inflate, even if they are in an infant or child restraint.
- Seat belts (and child restraints where appropriate) are necessary for your protection in all collisions. They also help keep you in position, away from an inflating Side Air Bag. To get the best protection from the Side Air Bags, occupants must wear their seat belts properly and sit upright with their backs against

WARNING!

the seats. Children must be properly restrained in a child restraint or booster seat that is appropriate for the size of the child.

WARNING!

- Side Air Bags need room to inflate. Do not lean against the door or window. Sit upright in the center of the seat.
- Being too close to the Side Air Bags during deployment could cause you to be severely injured or killed.
- Relying on the Side Air Bags alone could lead to more severe injuries in a collision. The Side Air Bags work with your seat belt to restrain you properly. In some collisions, Side Air Bags won't deploy at all. Always wear your seat belt even though you have Side Air Bags.

NOTE:

Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.



Rollover Events

Side Air Bags are designed to activate in certain rollover events. The ORC determines whether the deployment of the Side Air Bags in a particular rollover event is appropriate, based on the severity and type of collision. Vehicle damage by itself is not a good indicator of whether or not Side Air Bags should have deployed.


The Side Air Bags will not deploy in all rollover events. The rollover sensing system determines if a rollover event may be in progress and whether deployment is appropriate. In the event the vehicle experiences a rollover or near rollover event, and deployment of the Side Air Bags is appropriate, the rollover sensing system will also deploy the seat belt pretensioners on both sides of the vehicle.

The SABICs may help reduce the risk of partial or complete ejection of vehicle occupants through side windows in certain rollover or side impact events.

Air Bag System Components

NOTE:

The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with electrical Air Bag System Components listed below:

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

If A Deployment Occurs

The front air bags are designed to deflate immediately after deployment.

NOTE:

Front and/or side air bags will not deploy in all collisions. This does not mean something is wrong with the air bag system.

If you do have a collision which deploys the air bags, any or all of the following may occur:

- The air bag material may sometimes cause abrasions and/or skin reddening to the occupants as the air bags deploy and unfold. The abrasions are similar to friction rope burns or those you might get sliding along a carpet or gymnasium floor. They are not caused by contact with chemicals. They are not permanent and normally heal quickly. However, if you haven't healed significantly within a few days, or if you have any blistering, see your doctor immediately.
- As the air bags deflate, you may see some smoke-like particles. The particles are a normal by-product of the process that generates the non-toxic gas used for air bag inflation. These airborne particles may irritate the skin, eyes, nose, or throat. If you

have skin or eye irritation, rinse the area with cool water. For nose or throat irritation, move to fresh air. If the irritation continues, see your doctor. If these particles settle on your clothing, follow the garment manufacturer's instructions for cleaning.

Do not drive your vehicle after the air bags have deployed. If you are involved in another collision, the air bags will not be in place to protect you.

WARNING!

Deployed air bags and seat belt pretensioners cannot protect you in another collision. Have the air bags, seat belt pretensioners, and the seat belt retractor assemblies replaced by an authorized dealer immediately. Also, have the Occupant Restraint Controller System serviced as well.

NOTE:

- Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.

- After any collision, the vehicle should be taken to an authorized dealer immediately.

Enhanced Accident Response System

In the event of an impact, if the communication network remains intact, and the power remains intact, depending on the nature of the event, the ORC will determine whether to have the Enhanced Accident Response System perform the following functions:

- Cut off fuel to the engine (If Equipped)
- Cut off battery power to the electric motor (If Equipped)
- Flash hazard lights as long as the battery has power
- Turn on the interior lights, which remain on as long as the battery has power or for 15 minutes from the intervention of the Enhanced Accident Response System.
- Unlock the power door locks.

Your vehicle may also be designed to perform any of these other functions in response to the Enhanced Accident Response System:

- Turn off the Fuel Filter Heater, Turn off the HVAC Blower Motor, Close the HVAC Circulation Door
- Cut off battery power to the:
 - Engine
 - Electric Motor (if equipped)
 - Electric power steering
 - Brake booster
 - Electric park brake
 - Automatic transmission gear selector
 - Horn
 - Front wiper
 - Headlamp washer pump

NOTE:

After an accident, remember to cycle the ignition to the STOP (OFF/LOCK) position and remove the key from the ignition switch to avoid draining the battery. Carefully check the vehicle for fuel leaks in the engine compartment and on the ground near the engine compartment and fuel tank before resetting the system and starting the engine. If there are no fuel leaks or damage to the vehicle electrical devices (e.g. headlights) after an



accident, reset the system by following the procedure described below. If you have any doubt, contact an authorized dealer.

Enhanced Accident Response System Reset Procedure

After the event occurs, when the system is active, a message regarding fuel cutoff is displayed. Turn the ignition switch from ignition AVV/START or MAR/ACC/ON/RUN to ignition STOP/OFF/LOCK. Carefully check the vehicle for fuel leaks in the engine compartment and on the ground near the engine compartment and fuel tank before resetting the system and starting the engine.

Depending on the nature of the event the left and right turn signal lights, located in the instrument panel, may both be blinking and will continue to blink. In order to move your vehicle to the side of the road, you must follow the system reset procedure.

Customer Action	Customer Will See
	NOTE: Each step MUST BE held for at least two seconds
1. Turn ignition STOP/OFF/LOCK. (Turn Signal Switch Must be placed in Neutral State).	
2. Turn ignition MAR/ACC/ON/RUN.	Right turn light BLINKS. Left turn light is OFF.
3. Turn right turn signal switch ON.	Right turn light is ON SOLID. Left turn light BLINKS.
4. Place turn signal in neutral state.	Right turn light is OFF. Left turn light BLINKS.
5. Turn left turn signal switch ON.	Right turn light BLINKS. Left turn light is ON SOLID.
6. Place turn signal in neutral state.	Right turn light BLINKS. Left turn light is OFF.

Customer Action	Customer Will See
	NOTE: Each step MUST BE held for at least two seconds
7. Turn right turn signal switch ON.	Right turn light is ON SOLID. Left turn light BLINKS.
8. Place turn signal in neutral state.	Right turn light is OFF. Left turn light BLINKS.
9. Turn left turn signal switch ON.	Right turn light is ON SOLID. Left turn light is ON SOLID.
10. Turn left turn signal switch OFF. (Turn Signal Switch Must be placed in Neutral State).	Right turn light is OFF. Left turn light is OFF.
11. Turn ignition STOP/OFF/LOCK.	

Customer Action	Customer Will See
12. Turn ignition MAR/ACC/ON/RUN. (Entire sequence needs to be completed within one minute or sequence will need to be repeated).	<p>NOTE: Each step MUST BE held for at least two seconds</p> <p>System is now reset and the engine may be started.</p>
Turn hazard flashers OFF (Manually).	

If a reset procedure step is not completed within 60 seconds, then the turn signal lights will blink and the reset procedure must be performed again in order to be successful.

Maintaining Your Air Bag System

WARNING!
<ul style="list-style-type: none"> • Modifications to any part of the air bag system could cause it to fail when you need it. You could be injured if the air

WARNING!
<p>bag system is not there to protect you. Do not modify the components or wiring, including adding any kind of badges or stickers to the steering wheel hub trim cover or the upper passenger side of the instrument panel. Do not modify the front bumper, vehicle body structure, or add aftermarket side steps or running boards.</p> <ul style="list-style-type: none"> • It is dangerous to try to repair any part of the air bag system yourself. Be sure to tell anyone who works on your vehicle that it has an air bag system. • Do not attempt to modify any part of your air bag system. The air bag may inflate accidentally or may not function properly if modifications are made. Take your vehicle to an authorized dealer for any air bag system service. If your seat, including your trim cover and cushion, needs to be serviced in any way (including removal or loosening/tightening of seat attachment bolts), take the vehicle to an authorized dealer. Only manufacturer approved seat accessories may be

WARNING!
<p>used. If it is necessary to modify the air bag system for persons with disabilities, contact an authorized dealer.</p>

Event Data Recorder (EDR)

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.



These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE:

EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

Child Restraints

Everyone in your vehicle needs to be buckled up at all times, including babies and children. Every state in the United States, and every Canadian province, requires that small children ride in proper restraint systems. This is the law, and you can be prosecuted for ignoring it.

Children 12 years or younger should ride properly buckled up in a rear seat, if available. According to crash statistics, children are safer when properly restrained in the rear seats rather than in the front.

WARNING!

In a collision, an unrestrained child can become a projectile inside the vehicle. The force required to hold even an infant on your lap could become so great that you could not hold the child, no matter how strong you are. The child and others could be badly injured or killed. Any child riding in your vehicle should be in a proper restraint for the child's size.

There are different sizes and types of restraints for children from newborn size to the child almost large enough for an adult safety belt. Always check the child seat Owner's Manual to make sure you have the correct seat for your child. Carefully read and follow all the instructions and warnings in the child restraint Owner's Manual and on all the labels attached to the child restraint.

Before buying any restraint system, make sure that it has a label certifying that it meets all applicable Safety Standards. You should also make sure that you can install it in the vehicle where you will use it.

NOTE:

- For additional information, refer to <http://www.nhtsa.gov/parents-and-caregivers> or call 1-888-327-4236.
- Canadian residents should refer to Transport Canada's website for additional information: <http://www.tc.gc.ca/eng/motorvehiclesafety/safedrivers-childsafety-index-53.htm>.

Summary Of Recommendations For Restraining Children In Vehicles

	Child Size, Height, Weight Or Age	Recommended Type Of Child Restraint
Infants and Toddlers	Children who are two years old or younger and who have not reached the height or weight limits of their child restraint	Either an Infant Carrier or a Convertible Child Restraint, facing rearward in a rear seat of the vehicle
Small Children	Children who are at least two years old or who have outgrown the height or weight limit of their rear-facing child restraint	Forward-Facing Child Restraint with a five-point Harness, facing forward in a rear seat of the vehicle
Larger Children	Children who have outgrown their forward-facing child restraint, but are too small to properly fit the vehicle's seat belt	Belt Positioning Booster Seat and the vehicle seat belt, seated in a rear seat of the vehicle
Children Too Large for Child Restraints	Children 12 years old or younger, who have outgrown the height or weight limit of their booster seat	Vehicle Seat Belt, seated in a rear seat of the vehicle

Infant And Child Restraints

Safety experts recommend that children ride rear-facing in the vehicle until they are two years old or until they reach either the height or weight limit of their rear-facing child restraint. Two types of child restraints can be used rear-facing: infant carriers and convertible child seats.

The infant carrier is only used rear-facing in the vehicle. It is recommended for children from birth until they reach the weight or height limit of the infant carrier. Convertible child seats can be used either rear-facing or forward-facing in the vehicle. Convertible child seats often have a higher weight limit in the rear-facing direction than infant carriers do, so they can be used rear-facing by children who have outgrown their infant carrier but are still less than at least two years old.

Children should remain rear-facing until they reach the highest weight or height allowed by their convertible child seat.

WARNING!

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



WARNING!

younger, including a child in a rear-facing child restraint.

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

Older Children And Child Restraints

Children who are two years old or who have outgrown their rear-facing convertible child seat can ride forward-facing in the vehicle. Forward-facing child seats and convertible child seats used in the forward-facing direction are for children who are over two years old or who have outgrown the rear-facing weight or height limit of their rear-facing convertible child seat. Children should remain in a forward-facing child seat with a harness for as long as possible, up to the highest weight or height allowed by the child seat.

All children whose weight or height is above the forward-facing limit for the child seat should use a belt-positioning booster seat until the vehicle's seat belts fit properly. If the child cannot sit with knees bent over the vehicle's seat cushion while the child's back is against the seatback, they should use a belt-positioning booster seat. The child and belt-positioning booster seat are held in the vehicle by the seat belt.

WARNING!

- Improper installation can lead to failure of an infant or child restraint. It could come loose in a collision. The child could be badly injured or killed. Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.
- After a child restraint is installed in the vehicle, do not move the vehicle seat forward or rearward because it can loosen the child restraint attachments. Remove the child restraint before adjusting the vehicle seat position. When

WARNING!

the vehicle seat has been adjusted, re-install the child restraint.

- When your child restraint is not in use, secure it in the vehicle with the seat belt or LATCH anchorages, or remove it from the vehicle. Do not leave it loose in the vehicle. In a sudden stop or accident, it could strike the occupants or seatbacks and cause serious personal injury.

Children Too Large For Booster Seats

Children who are large enough to wear the shoulder belt comfortably, and whose legs are long enough to bend over the front of the seat when their back is against the seatback, should use the seat belt in a rear seat. Use this simple 5-step test to decide whether the child can use the vehicle's seat belt alone:

1. Can the child sit all the way back against the back of the vehicle seat?
2. Do the child's knees bend comfortably over the front of the vehicle seat – while the child is still sitting all the way back?

- Does the shoulder belt cross the child's shoulder between the neck and arm?
- Is the lap part of the belt as low as possible, touching the child's thighs and not the stomach?
- Can the child stay seated like this for the whole trip?

If the answer to any of these questions was "no," then the child still needs to use a booster seat in this vehicle. If the child is using the lap/shoulder belt, check seat belt fit periodically and make sure the seat belt buckle is latched. A child's squirming or slouching can move the belt out of position. If the shoulder belt contacts the face or neck, move the child closer to the center of the vehicle, or use a booster seat to position the seat belt on the child correctly.

WARNING!
Never allow a child to put the shoulder belt under an arm or behind their back. In a crash, the shoulder belt will not protect a child properly, which may result in serious injury or death. A child must always wear both the lap and shoulder portions of the seat belt correctly.

Recommendations For Attaching Child Restraints

Restraint Type	Combined Weight of the Child + Child Restraint	Use Any Attachment Method Shown With An "X" Below			
		LATCH – Lower Anchors Only	Seat Belt Only	LATCH – Lower Anchors + Top Tether Anchor	Seat Belt + Top Tether Anchor
Rear-Facing Child Restraint	Up to 65 lbs (29.5 kg)	X	X		
Rear-Facing Child Restraint	More than 65 lbs (29.5 kg)		X		
Forward-Facing Child Restraint	Up to 65 lbs (29.5 kg)			X	X
Forward-Facing Child Restraint	More than 65 lbs (29.5 kg)				X



Lower Anchors And Tethers For Children (LATCH) Restraint System

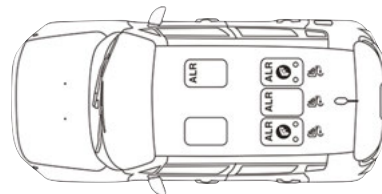


LATCH Label

Your vehicle is equipped with the child restraint anchorage system called LATCH, which stands for Lower Anchors and Tethers for Children. The LATCH system has three

vehicle anchor points for installing LATCH-equipped child seats. There are two lower anchorages located at the back of the seat cushion where it meets the seatback and one top tether anchorage located behind the seating position. These anchorages are used to install LATCH-equipped child seats without using the vehicle's seat belts. Some seating positions may have a top tether anchorage but no lower anchorages. In these seating positions, the seat belt must be used with the top tether anchorage to install the child restraint. Please see the following table for more information.

LATCH Positions For Installing Child Restraints In This Vehicle



LATCH Positions

-  Lower Anchorage Symbol (2 Anchorages Per Seating Position)
-  Top Tether Anchorage Symbol

Frequently Asked Questions About Installing Child Restraints With LATCH

What is the weight limit (child's weight + weight of the child restraint) for using the LATCH anchorage system to attach the child restraint?	65 lbs (29.5 kg)	Use the LATCH anchorage system until the combined weight of the child and the child restraint is 65 lbs (29.5 kg). Use the seat belt and tether anchor instead of the LATCH system once the combined weight is more than 65 lbs (29.5 kg).
Can the LATCH anchorages and the seat belt be used together to attach a rear-facing or forward-facing child restraint?	No	Do not use the seat belt when you use the LATCH anchorage system to attach a rear-facing or forward-facing child restraint. Booster seats may be attached to the LATCH anchorages if allowed by the booster seat manufacturer. See your booster seat owner's manual for more information.
Can a child seat be installed in the center position using the inner LATCH lower anchorages?	No	Use the seat belt and tether anchor to install a child seat in the center seating position.
Can two child restraints be attached using a common lower LATCH anchorage?	No	Never "share" a LATCH anchorage with two or more child restraints. If the center position does not have dedicated LATCH lower anchorages, use the seat belt to install a child seat in the center position next to a child seat using the LATCH anchorages in an outboard position.
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	The child seat may touch the back of the front passenger seat if the child restraint manufacturer also allows contact. See your child restraint owner's manual for more information.
Can the rear head restraints be removed?	No	



Locating The LATCH Anchorages



The lower anchorages are round bars that are found at the rear of the seat cushion where it meets the seatback, below the anchorage symbols on the seatback. They are just visible when you lean into the rear seat to install the child restraint. You will easily feel them if you run your finger along the gap between the seatback and seat cushion.



Lower Anchors

Locating The Upper Tether Anchorages



There are tether strap anchorages behind each rear seating position located on the back of the seat.



Tether Anchors

LATCH-compatible child restraint systems will be equipped with a rigid bar or a flexible strap on each side. Each will have a hook or connector to attach to the lower anchorage and a way to tighten the connection to the anchorage. Forward-facing child restraints and some rear-facing child restraints will also be equipped with a tether strap. The tether

strap will have a hook at the end to attach to the top tether anchorage and a way to tighten the strap after it is attached to the anchorage.

Center Seat LATCH :

WARNING!

- Do not install a child restraint in the center position using the LATCH system. This position is not approved for installing child seats using the LATCH attachments. You must use the seat belt and tether anchor to install a child seat in the center seating position.
- Never use the same lower anchorage to attach more than one child restraint. Please refer to "To Install A LATCH-Compatible Child Restraint" for typical installation instructions.

Always follow the directions of the child restraint manufacturer when installing your child restraint. Not all child restraint systems will be installed as described here.

To Install A LATCH-Compatible Child Restraint

If the selected seating position has a Switchable Automatic Locking Retractor (ALR) seat belt, stow the seat belt, following the instructions below. See the section “Installing Child Restraints Using the Vehicle Seat Belt” to check what type of seat belt each seating position has.

1. Loosen the adjusters on the lower straps and on the tether strap of the child seat so that you can more easily attach the hooks or connectors to the vehicle anchorages.
2. Place the child seat between the lower anchorages for that seating position. For some second row seats, you may need to recline the seat and / or raise the head restraint (if adjustable) to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.

3. Attach the lower hooks or connectors of the child restraint to the lower anchorages in the selected seating position.
4. If the child restraint has a tether strap, connect it to the top tether anchorage. See the section “Installing Child Restraints Using the Top Tether Anchorage” for directions to attach a tether anchor.
5. Tighten all of the straps as you push the child restraint rearward and downward into the seat. Remove slack in the straps according to the child restraint manufacturer’s instructions.
6. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.

How To Stow An Unused Switchable-ALR (ALR) Seat Belt:

When using the LATCH attaching system to install a child restraint, stow all ALR seat belts that are not being used by other occupants or being used to secure child restraints.

An unused belt could injure a child if they play with it and accidentally lock the seat belt retractor. Before installing a child restraint using the LATCH system, buckle the seat belt behind the child restraint and out of the child’s reach. If the buckled seat belt interferes with the child restraint installation, instead of buckling it behind the child restraint, route the seat belt through the child restraint belt path and then buckle it. Do not lock the seat belt. Remind all children in the vehicle that the seat belts are not toys and that they should not play with them.

WARNING!

- Improper installation of a child restraint to the LATCH anchorages can lead to failure of the restraint. The child could be badly injured or killed. Follow the child restraint manufacturer’s directions exactly when installing an infant or child restraint.
- Child restraint anchorages are designed to withstand only those loads imposed by correctly-fitted child restraints. Under no circumstances are they to be used



WARNING!

for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

Installing Child Restraints Using The Vehicle Seat Belt

Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt.

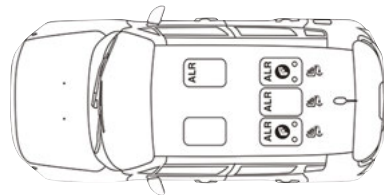
WARNING!

- Improper installation or failure to properly secure a child restraint can lead to failure of the restraint. The child could be badly injured or killed.
- Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

The seat belts in the passenger seating positions are equipped with a Switchable Automatic Locking Retractor (ALR) that is designed to keep the lap portion of the seat belt tight around the child restraint so that it is not necessary to use a locking clip. The ALR retractor can be “switched” into a locked mode by pulling all of the webbing out of the retractor and then letting the webbing retract back into the retractor. If it is locked, the ALR will make a clicking noise while the webbing is pulled back into the retractor.

Refer to the “Automatic Locking Mode” description in “Switchable Automatic Locking Retractors (ALR)” under “Occupant Restraint Systems” for additional information on ALR.

Please see the table below and the following sections for more information.

Lap/Shoulder Belt Systems For Installing Child Restraints In This Vehicle**Automatic Locking Retractor (ALR) Locations**

ALR — Switchable Automatic Locking Retractor

 Top Tether Anchorage Symbol

Frequently Asked Questions About Installing Child Restraints With Seat Belts

What is the weight limit (child's weight + weight of the child restraint) for using the Tether Anchor with the seat belt to attach a forward facing child restraint?	Weight limit of the Child Restraint	Always use the tether anchor when using the seat belt to install a forward facing child restraint, up to the recommended weight limit of the child restraint.
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	Contact between the front passenger seat and the child restraint is allowed, if the child restraint manufacturer also allows contact.
Can the rear head restraints be removed?	No	
Can the buckle stalk be twisted to tighten the seat belt against the belt path of the child restraint?	No	Do not twist the buckle stalk in a seating position with an ALR retractor.

Installing A Child Restraint With A Switchable Automatic Locking Retractor (ALR):

Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt.

WARNING!

- Improper installation or failure to properly secure a child restraint can lead to failure of the restraint. The child could be badly injured or killed.

WARNING!

- Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

1. Place the child seat in the center of the seating position. For some second row seats, you may need to recline the seat and/or raise the head restraint (if adjustable) to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its

rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.

2. Pull enough of the seat belt webbing from the retractor to pass it through the belt path of the child restraint. Do not twist the belt webbing in the belt path.
3. Slide the latch plate into the buckle until you hear a "click."
4. Pull on the webbing to make the lap portion tight against the child seat.



5. To lock the seat belt, pull down on the shoulder part of the belt until you have pulled all the seat belt webbing out of the retractor. Then, allow the webbing to retract back into the retractor. As the webbing retracts, you will hear a clicking sound. This means the seat belt is now in the Automatic Locking mode.
 6. Try to pull the webbing out of the retractor. If it is locked, you should not be able to pull out any webbing. If the retractor is not locked, repeat step 5.
 7. Finally, pull up on any excess webbing to tighten the lap portion around the child restraint while you push the child restraint rearward and downward into the vehicle seat.
 8. If the child restraint has a top tether strap and the seating position has a top tether anchorage, connect the tether strap to the anchorage and tighten the tether strap. See the section “Installing Child Restraints Using the Top Tether Anchorage” for directions to attach a tether anchor.
 9. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.
- Any seat belt system will loosen with time, so check the belt occasionally, and pull it tight if necessary.

Installing Child Restraints Using The Top Tether Anchorage:

WARNING!

Do not attach a tether strap for a rear-facing car seat to any location in front of the car seat, including the seat frame or a tether anchorage. Only attach the tether strap of a rear-facing car seat to the tether anchorage that is approved for that seating position, located behind the top of the vehicle seat. See the section “Lower Anchors and Tethers for CHildren (LATCH)

WARNING!

Restraint System” for the location of approved tether anchorages in your vehicle.



1. Look behind the seating position where you plan to install the child restraint to find the tether anchorage. You may need to move the seat forward to provide better access to the tether anchorage. If there is no top tether anchorage for that seating position, move the child restraint to another position in the vehicle if one is available.
2. Route the tether strap to provide the most direct path for the strap between the anchor and the child seat. If your vehicle is equipped with adjustable rear head re-

straints, raise the head restraint, and where possible, route the tether strap under the head restraint and between the two posts. If not possible, lower the head restraint and pass the tether strap around the outboard side of the head restraint.

3. Attach the tether strap hook of the child restraint to the top tether anchorage as shown in the diagram.
4. Remove slack in the tether strap according to the child restraint manufacturer's instructions.



Rear Seat Tether Anchors

WARNING!

- An incorrectly anchored tether strap could lead to increased head motion and possible injury to the child. Use only the anchorage position directly behind the child seat to secure a child restraint top tether strap.
- If your vehicle is equipped with a split rear seat, make sure the tether strap does not slip into the opening between the seatbacks as you remove slack in the strap.

Transporting Pets

Air Bags deploying in the front seat could harm your pet. An unrestrained pet will be thrown about and possibly injured, or injure a passenger during panic braking or in a collision.

Pets should be restrained in the rear seat in pet harnesses or pet carriers that are secured by seat belts.

SAFETY TIPS

Transporting Passengers

NEVER TRANSPORT PASSENGERS IN THE CARGO AREA.

WARNING!

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.
- It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.



Exhaust Gas

WARNING!

Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing (CO), follow these safety tips:

- Do not run the engine in a closed garage or in confined areas any longer than needed to move your vehicle in or out of the area.
- If you are required to drive with the trunk/liftgate/rear doors open, make sure that all windows are closed and the climate control BLOWER switch is set at high speed. DO NOT use the recirculation mode.
- If it is necessary to sit in a parked vehicle with the engine running, adjust your heating or cooling controls to force outside air into the vehicle. Set the blower at high speed.

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

Whenever a change is noticed in the sound of the exhaust system, when exhaust fumes can be detected inside the vehicle, or when the underside or rear of the vehicle is damaged, have a competent mechanic inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, inspect the exhaust system each time the vehicle is raised for lubrication or oil change. Replace as required.


Safety Checks You Should Make Inside The Vehicle

Seat Belts

Inspect the seat belt system periodically, checking for cuts, frays, and loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system.

Front seat belt assemblies must be replaced after a collision. Rear seat belt assemblies must be replaced after a collision if they have been damaged (i.e., bent retractor, torn webbing, etc.). If there is any question regarding seat belt or retractor condition, replace the seat belt.

Air Bag Warning Light

The Air Bag warning light  will turn on for four to eight seconds as a bulb check when the ignition switch is first turned to ON/RUN. If the light is either not on during starting, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible. After the bulb check, this light will illuminate with a single chime when a fault with the Air Bag System has been detected. It will stay on until the fault is removed. If the light comes on intermittently or remains on while driving, have an authorized dealer service the vehicle immediately.

Refer to “Occupant Restraint Systems” in “Safety” for further information.

Defroster

Check operation by selecting the defrost mode and place the blower control on high speed. You should be able to feel the air directed against the windshield. See an authorized dealer for service if your defroster is inoperable.

Floor Mat Safety Information



Always use floor mats designed to fit your vehicle. Only use a floor mat that does not interfere with the operation of the accelerator, brake or clutch pedals. Only use a floor mat that is securely attached using the floor mat fasteners so it cannot slip out of position and interfere with the accelerator, brake or clutch pedals or impair safe operation of your vehicle in other ways.

WARNING!

An improperly attached, damaged, folded, or stacked floor mat, or damaged floor mat fasteners may cause your floor mat to interfere with the accelerator, brake, or clutch pedals and cause a loss of vehicle

WARNING!

control. To prevent **SERIOUS INJURY** or **DEATH**:

- ALWAYS securely attach  your floor mat using the floor mat fasteners. **DO NOT** install your floor mat upside down or turn your floor mat over. Lightly pull to confirm mat is secured using the floor mat fasteners on a regular basis.
- ALWAYS REMOVE THE EXISTING FLOOR MAT FROM THE VEHICLE  before installing any other floor mat. NEVER install or stack an additional floor mat on top of an existing floor mat.
- ONLY install floor mats designed to fit your vehicle. NEVER install a floor mat that cannot be properly attached and secured to your vehicle. If a floor mat needs to be replaced, only use a FCA approved floor mat for the specific make, model, and year of your vehicle.
- ONLY use the driver's side floor mat on the driver's side floor area. To check for interference, with the vehicle properly parked with the engine off, fully depress the accelerator, the brake, and the

WARNING!

clutch pedal (if present) to check for interference. If your floor mat interferes with the operation of any pedal, or is not secure to the floor, remove the floor mat from the vehicle and place the floor mat in your trunk.

- ONLY use the passenger's side floor mat on the passenger's side floor area.
- ALWAYS make sure objects cannot fall or slide into the driver's side floor area when the vehicle is moving. Objects can become trapped under accelerator, brake, or clutch pedals and could cause a loss of vehicle control.
- NEVER place any objects under the floor mat (e.g., towels, keys, etc.). These objects could change the position of the floor mat and may cause interference with the accelerator, brake, or clutch pedals.
- If the vehicle carpet has been removed and re-installed, always properly attach carpet to the floor and check the floor mat fasteners are secure to the vehicle carpet. Fully depress each pedal to



WARNING!

check for interference with the accelerator, brake, or clutch pedals then re-install the floor mats.

- It is recommended to only use mild soap and water to clean your floor mats. After cleaning, always check your floor mat has been properly installed and is secured to your vehicle using the floor mat fasteners by lightly pulling mat.

Periodic Safety Checks You Should Make Outside The Vehicle**Tires**

Examine tires for excessive tread wear and uneven wear patterns. Check for stones, nails, glass, or other objects lodged in the tread or sidewall. Inspect the tread for cuts and cracks. Inspect sidewalls for cuts, cracks, and bulges. Check the wheel nuts for tightness. Check the tires (including spare) for proper cold inflation pressure.

Lights

Have someone observe the operation of brake lights and exterior lights while you work the controls. Check turn signal and high beam indicator lights on the instrument panel.

Door Latches

Check for proper closing, latching, and locking.

Fluid Leaks

Check area under the vehicle after overnight parking for fuel, coolant, oil, or other fluid leaks. Also, if gasoline fumes are detected or if fuel, or brake fluid leaks are suspected. The cause should be located and corrected immediately.

STARTING THE ENGINE

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

WARNING!

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

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

Proceed as follows:

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

Stopping The Engine

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

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

NOTE:

If the vehicle fails to shut off using the ignition, refer to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” for further information.

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

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

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



ENGINE BREAK-IN RECOMMENDATIONS

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

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

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

The engine oil installed in the engine at the factory is a high-quality energy conserving type lubricant. Oil changes should be consistent with anticipated climate conditions under which vehicle operations will occur. For the recommended viscosity and quality grades, refer to “Dealer Service” in “Servicing And Maintenance”.

CAUTION!

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

NOTE:

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

ELECTRIC PARK BRAKE (EPB)

Your vehicle is equipped with a new Electric Park Brake System (EPB) that offers greater convenience. The EPB switch is located in the center console.



Park Brake Switch

To apply the park brake manually, pull up on the switch momentarily. The BRAKE warning lamp in the instrument cluster and an indicator on the switch will illuminate.

To release the park brake manually, the ignition switch must be in RUN. Then put your foot on the brake pedal and push the park brake switch down momentarily. Once the park brake is fully disengaged, the BRAKE warning lamp and the switch indicator will extinguish.

The park brake can also be automatically released. With the engine running and the transmission in gear, release the brake pedal and depress the throttle pedal. For safety reasons, your seat belt must also be fastened.

NOTE:

- You may hear a slight whirring sound from the back of the vehicle while the parking brake engages or disengages.
- If your foot is on the brake pedal while you are engaging or disengaging the parking brake, you may notice a small amount of brake pedal movement.
- The new Auto Park Brake feature can be used to apply the park brake automatically every time you park the vehicle. Auto Park Brake can be enabled and disabled in the Settings menu in Uconnect or in “Safe Hold” conditions.
- The parking brake can be engaged even when the ignition is OFF, however, it can only be disengaged when the ignition is in the RUN mode.

- Safehold is a new feature that will automatically apply the park brake under certain conditions. The EPB monitors the status of the driver’s seat belt, driver’s door and pedal positions to determine if the driver may have exited while the vehicle is still capable of moving and will then automatically apply the park brake to prevent the vehicle from rolling.
- The EPB fault lamp will illuminate if the EPB switch is held for longer than 60 seconds in either the released or applied position. The light will extinguish upon releasing the switch.
- Refer to “Electric Park Brake (EPB)” in “Starting And Operating” located in the vehicle’s Owner’s Manual for further details.

<p style="text-align: center;">WARNING!</p> <ul style="list-style-type: none">• When exiting the vehicle, always remove the key fob from the vehicle and lock your vehicle.• Never leave children alone in a vehicle, or with access to an unlocked vehicle.
--

<p style="text-align: center;">WARNING!</p> <p>Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the transmission gear selector.</p> <ul style="list-style-type: none">• Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition in the ON or RUN mode. A child could operate power windows, other controls, or move the vehicle.• Be sure the parking brake is fully disengaged before driving; failure to do so can lead to brake failure and a collision.• Always fully apply the parking brake when leaving your vehicle, or it may roll and cause damage or injury. Also be certain to leave the transmission in PARK. Failure to do so may allow the vehicle to roll and cause damage or injury.
--



CAUTION!

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

Auto Park Brake

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

Any single Auto Park Brake application can be bypassed by pushing the EPB switch to the release position while the transmission is placed in PARK (automatic transmission) and the ignition is in the RUN mode. In some cases, with an automatic transmission, if at the cycle of key from RUN to the OFF mode

the gear selector is not firmly locked in Parking position, EPB applies automatically even if Auto Park Brake has been previously disabled.

SafeHold

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

For automatic transmissions, the EPB will automatically engage if all of the following conditions are met:

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

For manual transmissions, the EPB will automatically engage if all of the following conditions are met:

- Vehicle speed is below 1.9 mph (3 km/h).

- There is no attempt to depress the brake pedal or accelerator pedal.
- The clutch pedal is not pressed.
- The seat belt is unbuckled.
- The driver door is open.

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

Brake Service Mode

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

When servicing your rear brakes, it may be necessary for you or your technician to push the rear piston into the rear caliper bore. With the electric park brake system, this can only be done after retracting the EPB actuator.

The actuator retraction can be done easily by entering the Brake Service Mode through the Uconnect Settings in your vehicle. This menu based system will guide you through the steps necessary to retract the EPB actuator in order to perform rear brake service.

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

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

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

NOTE:

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

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

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

NOTE:

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

WARNING!

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

MANUAL TRANSMISSION

WARNING!

You or others could be injured if you leave the vehicle unattended without having the parking brake fully applied. The parking brake should always be applied when the driver is not in the vehicle, especially on an incline.

CAUTION!

Never drive with your foot resting on the clutch pedal, or attempt to hold the vehicle on a hill with the clutch pedal partially engaged, as this will cause abnormal wear on the clutch.

NOTE:

During cold weather, you may experience increased effort in shifting until the transmission fluid warms up. This is normal.



To shift the gears, press the clutch pedal to the floor and put the gear selector to the desired position (the diagram for the engagement of the gears is displayed on the handle of the lever).



REVERSE Ring

To engage REVERSE gear from the NEUTRAL position, lift the REVERSE ring, located below the knob and simultaneously move the lever to the left and then forward.

Shifting

Fully press the clutch pedal before shifting gears. As you release the clutch pedal, lightly press the accelerator pedal.

You should always use first gear when starting from a standing position.

Recommended Vehicle Shift Speeds

To utilize your manual transmission efficiently for fuel economy and performance, it should be upshifted as listed in the recommended shift speed chart. Shift at the vehicle speeds listed for acceleration. When heavily loaded or pulling a trailer, these recommended up-shift speeds may not apply.

Manual Transmission Shift Speeds in MPH (KM/H)					
All Engines	Gear Selection	2 to 3	3 to 4	4 to 5	5 to 6
	Accel.	24 (39)	34 (55)	47 (76)	56 (90)
	Cruise	19 (31)	27 (43)	37 (60)	41 (66)

NOTE:

A certain amount of noise from the transmission is normal. This noise can be most noticeable when the vehicle is idling in NEUTRAL with the clutch engaged (clutch pedal released), but it may also be heard when driving. The noise may also be more noticeable when the transmission is warm. This noise is normal and is not an indication of a problem with your clutch or transmission.

Downshifting

Moving from a high gear down to a lower gear is recommended to preserve brakes when driving down steep hills. In addition, downshifting at the right time provides better acceleration when you desire to resume speed. Downshift progressively. Do not skip gears to avoid overspeeding the engine and clutch.

WARNING!

Do not downshift for additional engine braking on a slippery surface. The drive wheels could lose their grip, and the vehicle could skid.

CAUTION!

- Skipping gears and downshifting into lower gears at higher vehicle speeds can damage the engine and clutch systems. Any attempt to shift into lower gear with clutch pedal depressed may result damage to the clutch system. Shifting into lower gear and releasing the clutch may result in engine damage.
- When descending a hill, be very careful to downshift one gear at a time to pre-

CAUTION!

vent overspeeding the engine which can cause engine damage, and/or clutch damage, even if the clutch pedal is pressed. If transfer case is in low range the vehicle speeds to cause engine and clutch damage are significantly lower.

- Failure to follow the maximum recommended downshifting speeds may cause the engine damage and/or damage the clutch, even if the clutch pedal is pressed.
- Descending a hill in low range with clutch pedal depressed could result in clutch damage.



Maximum Recommended Downshift Speeds**CAUTION!**

Failure to follow the maximum recommended downshifting speeds may cause the engine to overspeed and/or damage the clutch disc, even if the clutch pedal is pressed.

Manual Transmission Shift Speeds in MPH (KM/H)

Gear Selection	6 to 5	5 to 4	4 to 3	3 to 2	2 to 1
Maximum Speed	80 (129)	70 (113)	50 (81)	30 (48)	15 (24)

CAUTION!

If you skip a gear while downshifting or downshift at too high of a vehicle speed, these conditions may cause the engine to overspeed if too low of a gear is selected and the clutch pedal is released. Damage to the clutch and the transmission can result from skipping a gear while downshifting or downshifting at too high of a vehicle speed even if the clutch pedal is held pressed (i.e., not released).

NINE-SPEED AUTOMATIC TRANSMISSION

Your vehicle is equipped with a state of the art, fuel efficient nine-speed transmission.

The transmission gear range (PRND) is displayed beside the gear selector and in the instrument cluster display. To select a gear range, push the lock button on the gear selector and move the selector rearward or forward. You must also press the brake pedal to shift the transmission out of PARK, or to

shift from NEUTRAL into DRIVE or REVERSE when the vehicle is stopped or moving at low speeds (refer to "Brake/Transmission Shift Interlock System" in this section). Select the DRIVE range for normal driving.

The electronically-controlled transmission adapts its shift schedule based on driver inputs, along with environmental and road conditions. The transmission electronics are self-calibrating; therefore, the first few shifts

on a new vehicle may be somewhat abrupt. This is a normal condition, and precision shifts will develop within a few hundred miles (kilometers).

WARNING!

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

WARNING!

When the ignition is in the OFF mode, the transmission is locked in PARK, securing the vehicle against unwanted movement.

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

CAUTION!

Damage to the transmission may occur if the following precautions are not observed:

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

NOTE:

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



Gear Selector

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

NOTE:

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



Gear Selector Lock Button

The nine-speed transmission has been developed to meet the needs of FCA current and future lineup of FWD/AWD vehicles. Software and calibration is refined to optimize the customer's driving experience and fuel economy. By design, some vehicle and drive-line combinations utilize 9th gear only in very specific driving situations and conditions.

Only shift from DRIVE to PARK or REVERSE when the accelerator pedal is released and the vehicle is stopped. Be sure to keep your foot on the brake pedal when shifting between these gears.

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

CAUTION!

After selecting any gear range, wait a moment to allow the selected gear to engage before accelerating. This is especially important when the engine is cold.

Gear Ranges

PARK (P)

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

When parking on a level surface, you may shift the transmission into PARK first, and then apply the EPB.

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

When exiting the vehicle, always:

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

WARNING!

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

WARNING!

- Your vehicle could move and injure you and others if it is not in PARK. Check by trying to move the transmission gear selector out of PARK with the brake pedal released. Make sure the transmission is in PARK before exiting the vehicle.
- The transmission may not engage PARK if the vehicle is moving. Always bring the vehicle to a complete stop before shifting to PARK, and verify that the transmission gear position indicator solidly indicates PARK (P) without blinking. Ensure that the vehicle is completely stopped, and the PARK position is properly indicated, before exiting the vehicle.
- It is dangerous to shift out of PARK or NEUTRAL if the engine speed is higher than idle speed. If your foot is not firmly pressing the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is

WARNING!

- idling normally (or stopped) and your foot is firmly pressing the brake pedal.
- Unintended movement of a vehicle could injure those in or near the vehicle. As with all vehicles, you should never exit a vehicle while the engine is running or the propulsion system is active. Before exiting a vehicle, always come to a complete stop, then apply the park brake, shift the transmission into PARK, and turn the ignition OFF. When the ignition is in the OFF mode, the transmission is locked in PARK, securing the vehicle against unwanted movement.
 - When leaving the vehicle, always make sure the ignition is in the OFF mode, remove the key fob from the vehicle, and lock the vehicle.
 - Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the park brake,



WARNING!

brake pedal or the transmission gear selector.

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

CAUTION!

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

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

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

REVERSE (R)

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

NEUTRAL (N)

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

WARNING!

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

CAUTION!

Towing the vehicle, coasting, or driving for any other reason with the transmission in NEUTRAL can cause severe transmission damage. Refer to “Recreational Towing” in “Starting And Operating” and “Towing A Disabled Vehicle” in “In Case Of Emergency” for further information.

DRIVE (D)

This range should be used for most city and highway driving. It provides the smoothest upshifts and downshifts, and the best fuel economy. The transmission automatically upshifts through all forward gears. The DRIVE position provides optimum driving characteristics under all normal operating conditions.

When frequent transmission shifting occurs (such as when operating the vehicle under heavy loading conditions, in hilly terrain, traveling into strong head winds or while towing a heavy trailer), use the AutoStick shift control (refer to “AutoStick” in this section for further information) to select a lower gear. Under these conditions, using a lower gear will improve performance and extend transmission life by reducing excessive shifting and heat buildup.

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

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

During cold temperatures, transmission operation may be modified depending on engine and transmission temperature as well as

vehicle speed. This feature improves warm up time of the engine and transmission to achieve maximum efficiency. Engagement of the torque converter clutch, and shifts into 8th or 9th gear, are inhibited until the transmission fluid is warm. Normal operation will resume once the transmission temperature has risen to a suitable level.

AutoStick

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

Operation

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

(+) an upshift. The current gear is displayed in the instrument cluster.

NOTE:

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

- The transmission will automatically upshift when necessary to prevent engine overspeed.
- The transmission will automatically downshift as the vehicle slows (to prevent engine lugging) and will display the current gear.
- The transmission will automatically downshift to first or second gear (depending on model) when coming to a stop. After a stop, the driver should manually upshift (+) the transmission as the vehicle is accelerated.
- You can start out (from a stop) in first or second gear. Starting out in second gear can be helpful in snow or icy conditions. Tap the gear selector forward or rearward to select the desired gear after the vehicle is brought to a stop.



- If a requested downshift would cause the engine to overspeed, that shift will not occur.
- The system will ignore attempts to upshift at too low of a vehicle speed.
- Avoid using speed control when AutoStick is engaged because the transmission will not shift automatically.
- Transmission shifting will be more noticeable when AutoStick is enabled.
- The system may revert to automatic shift mode if a fault or overheat condition is detected.

To disengage AutoStick mode, return the gear selector to the DRIVE position. You can shift in or out of the AutoStick position at any time without taking your foot off the accelerator pedal.

WARNING!

Do not downshift for additional engine braking on a slippery surface. The drive wheels could lose their grip and the ve-

WARNING!

hicle could skid, causing a collision or personal injury.

Transmission Limp Home Mode

Transmission function is electronically monitored for abnormal conditions. If a condition is detected that could result in transmission damage, Transmission Limp Home Mode is activated. In this mode, the transmission may operate only in a fixed gear, or may remain in neutral. The Malfunction Indicator Light (MIL) may be illuminated. Limp Home Mode may allow the vehicle to be driven to an authorized dealer for service without damaging the transmission.

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

1. Stop the vehicle.
2. Shift the transmission into PARK, if possible. If not, shift the transmission to NEUTRAL.

3. Push and hold the ignition switch until the engine turns OFF.
4. Wait approximately 30 seconds.
5. Restart the engine.
6. Shift into the desired gear range. If the problem is no longer detected, the transmission will return to normal operation.

NOTE:

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

Ignition Park Interlock

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

Brake/Transmission Shift Interlock System

This vehicle is equipped with a Brake Transmission Shift Interlock system (BTSI) that holds the transmission gear selector in PARK unless the brakes are applied. To shift the transmission out of PARK, the ignition must be in the RUN mode (engine running or not) and the brake pedal must be pressed.

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

FOUR WHEEL DRIVE

Jeep Active Drive (4WD) And Jeep Active Drive Low (4WD Low)

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

traction, power is shifted automatically to the rear wheels. The greater the front wheel traction loss, the greater the power transfer to the rear wheels.

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

CAUTION!

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

Four Wheel Drive (4x4)

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

NOTE:

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

Enabling Four Wheel Drive (4x4)

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

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

Active Drive Control — If Equipped



Selec-Terrain Switch



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

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

Active Drive With Low Control — (Trailhawk Models Only)



Selec-Terrain Switch (Trailhawk)

The 4WD LOW mode helps to improve the off-road performance in all modes. To enable 4WD Low, please follow the steps below:

Enabling 4WD LOW

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

NOTE:

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

Disabling 4WD LOW

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

SELEC-TERRAIN

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

Mode Selection Guide

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



Selec-Terrain Switch



Selec-Terrain Switch (Trailhawk)

- **AUTO:** This four-wheel drive operation is a continuous operation, is fully automatic and can be used on and off road. This mode balances traction to ensure maneuverability and acceleration improvement compared to a vehicle with two wheel drive. This mode also reduces fuel consumption, since it allows the disconnect of the drive shaft where conditions permit.
- **SNOW:** This mode allows you to have greater stability under conditions of bad weather. It's used on and off road and on surfaces with poor traction, such as roads covered with snow. When in SNOW mode (depending on certain operating conditions), the transmission will use second gear (rather than first gear) during launches, to minimize wheel slippage, except for in 4-Low (Trailhawk models only).
- **SAND:** For off-road driving or use on surfaces with poor traction, such as sandy bottoms. The transmission is set to provide maximum traction. This mode allows more wheel spin and higher shift points to help motor through loose areas.
- **MUD:** For off-road driving or use on surfaces with poor traction, such as roads covered by mud or wet grass.
- **ROCK** (Trailhawk only): This mode is only available in 4WD LOW range. The device sets the vehicle to maximize traction and allow the highest steering capacity for off-road surfaces. This mode gives you the

maximum performance off-road. Use for low speed obstacles such as large rocks, deep ruts, etc.

NOTE:

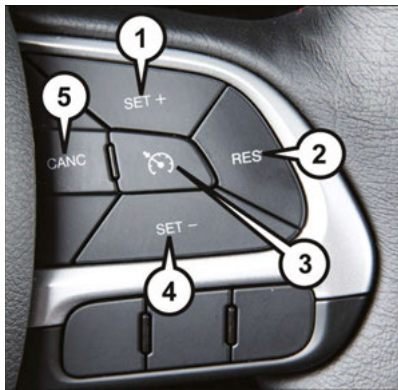
- Rock mode is only available on the vehicles equipped with the Trailhawk package.
- Activate the Hill Descent Control or Select Speed Control for steep downhill control. Refer to “Electronic Brake Control System” in “Safety” located in the Owner’s Manual for further information.

SPEED CONTROL

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

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





Speed Control Buttons

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

NOTE:

- In order to ensure proper operation, the Speed Control System has been designed to shut down if multiple Speed Control functions are operated at the same time. If this occurs, the Speed Control System can be reactivated by pushing the Speed Control on/off button and resetting the desired vehicle set speed.
- The Speed Control function will not work in 4WD Low Range.

Activation

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

WARNING!

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

Setting A Desired Speed

Turn the Speed Control on.

NOTE:

The vehicle should be traveling at a steady speed and on level ground before pushing the SET (+) or SET (-) button.

When the vehicle has reached the desired speed, push the SET (+) or SET (-) button and release. Release the accelerator and the vehicle will operate at the selected speed.

Resume Speed

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

Deactivation

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

Pushing the on/off button or placing the ignition to OFF erases the set speed from memory.

ADAPTIVE CRUISE CONTROL (ACC) – IF EQUIPPED



Adaptive Cruise Switches

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

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

NOTE:

- If the sensor does not detect a vehicle ahead of you, ACC will maintain a fixed set speed.
- If the ACC sensor detects a vehicle ahead, ACC will apply limited braking or acceleration (not to exceed the original set speed) automatically to maintain a preset following distance, while matching the speed of the vehicle ahead.

WARNING!

- Adaptive Cruise Control (ACC) is a convenience system. It is not a substitute for active driving involvement. It is always the driver's responsibility to be attentive of road, traffic, and weather conditions, vehicle speed, distance to the vehicle ahead; and, most importantly,



WARNING!

brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.

- The ACC system:
 - Does not react to pedestrians, oncoming vehicles, and stationary objects (e.g., a stopped vehicle in a traffic jam or a disabled vehicle).
 - Cannot take street, traffic, and weather conditions into account, and may be limited upon adverse sight distance conditions.
 - Does not always fully recognize complex driving conditions, which can result in wrong or missing distance warnings.

You should turn the ACC system off:

- When driving in fog, heavy rain, heavy snow, sleet, heavy traffic, and complex driving situations (i.e., in highway construction zones).

WARNING!

- 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.

To Activate/Deactivate

Push and release the Adaptive Cruise Control (ACC) on/off button. The ACC menu in the instrument cluster display will read “ACC Ready.”

To turn the system off, push and release the Adaptive Cruise Control (ACC) on/off button again. At this time, the system will turn off and the instrument cluster display will read “Adaptive Cruise Control (ACC) Off.”

WARNING!

Leaving the Adaptive Cruise Control (ACC) system on when not in use is dangerous.

WARNING!

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.

Activating Adaptive Cruise Control (ACC)

The minimum set speed for the ACC system is 20 mph (32 km/h).

When the system is turned on and in the ready state, the instrument cluster display will read “ACC Ready.”

When the system is off, the instrument cluster display will read “Adaptive Cruise Control (ACC) Off.”

NOTE:

You cannot engage ACC under the following conditions:

- When in Four-Wheel Drive Low.
- When you apply the brakes.
- When the parking brake is applied.

- When the automatic transmission is in PARK, REVERSE or NEUTRAL.
- When the vehicle speed is outside of the speed range.
- When the brakes are overheated.
- When driver switches ESC to full-off mode.

To Set A Desired ACC Speed

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

NOTE:

ACC cannot be set if there is a stationary vehicle in front of your vehicle in close proximity.

Remove your foot from the accelerator pedal. If you do not, the vehicle may continue to accelerate beyond the set speed. If this occurs:

- The message “Adaptive Cruise Control Override” will display in the instrument cluster display.
- The system will not be controlling the distance between your vehicle and the vehicle

ahead. The vehicle speed will only be determined by the position of the accelerator pedal.

To Cancel

The following conditions cancel the system:

- The brake pedal is applied.
- The CANC button is pushed.
- An Anti-Lock Brake System (ABS) event occurs.
- The gear selector is removed from the Drive position.
- The braking temperature exceeds normal range (overheated).
- The Electronic Stability Control/Traction Control System (ESC/TCS) activates.
- The vehicle parking brake is applied.
- The driver switches ESC to full-off mode.
- Manual transmission is not in a forward gear, if equipped.
- Manual transmission is in NEUTRAL or clutch pressed down for a fixed amount of time, if equipped.

To Resume

If there is a set speed in the memory, push the RES button and then remove your foot from the accelerator pedal. The instrument cluster display will show the last set speed.

WARNING!

The Resume function should only be used if traffic and road conditions permit. Resuming a set speed that is too high or too low for prevailing traffic and road conditions could cause the vehicle to accelerate or decelerate too sharply for safe operation. Failure to follow these warnings can result in a collision and death or serious personal injury.

To Vary The Speed Setting

To Increase Speed

While ACC is set, you can increase the set speed by pushing the SET (+) button.

The driver's preferred units can be selected through the instrument panel settings if equipped. Refer to “Getting To Know Your Instrument Panel” in your Owner's Manual



for more information. The speed increment shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pushing the SET (+) button once will result in a 1 mph increase in set speed. Each subsequent tap of the button results in an increase of 1 mph.
- If the button is continually pushed, the set speed will continue to increase in 5 mph increments until the button is released. The increase in set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET (+) button once will result in a 1 km/h increase in set speed. Each subsequent tap of the button results in an increase of 1 km/h.
- If the button is continually pushed, the set speed will continue to increase in 5 km/h increments until the button is released. The increase in set speed is reflected in the instrument cluster display.

To Decrease Speed

While ACC is set, the set speed can be decreased by pushing the SET (-) button.

The driver's preferred units can be selected through the instrument panel settings if equipped. Refer to "Getting To Know Your Instrument Panel" in your Owner's Manual for more information. The speed decrement shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pushing the SET (-) button once will result in a 1 mph decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph.
- If the button is continually pushed, the set speed will continue to decrease in 5 mph decrements until the button is released. The decrease in set speed is reflected in the instrument cluster display.

Metric Speed (km/h)

- Pushing the SET (-) button once will result in a 1 km/h decrease in set speed. Each subsequent tap of the button results in a decrease of 1 km/h.

- If the button is continually pushed, the set speed will continue to decrease in 5 km/h decrements until the button is released. The decrease in set speed is reflected in the instrument cluster display.

NOTE:

- When you override and push the SET (+) button or SET (-) buttons, the new set speed will be the current speed of the vehicle.
- When you use the SET (-) button to decelerate, if the engine's braking power does not slow the vehicle sufficiently to reach the set speed, the brake system will automatically slow the vehicle.
- If equipped with a manual transmission, it is possible to make gear changes during the normal operation of ACC that will allow the driver to engage the appropriate gear with respect the set speed in order to keep the feature activated. It is canceled when the clutch pedal is held down, or when placing the gearbox in NEUTRAL for a certain maximum time.

- If equipped with an automatic transmission, ACC systems could automatically downshift to a lower gear when driving down hill or during accelerations. Therefore, a slight speed change on moderate hills is normal. This is normal and necessary to maintain the set speed. When driving up hill and down hill, the ACC system will cancel if the braking temperature exceeds normal range (overheated).

Setting The Following Distance In ACC

The specified following distance for ACC can be set by varying the distance setting between four bars (longest), three bars (long), two bars (medium) and one bar (short). Using this distance setting and the vehicle speed, ACC calculates and sets the distance to the vehicle ahead. This distance setting will show in the instrument cluster display.

To increase the distance setting, push the Distance Setting — Increase button and release. Each time the button is pushed, the distance setting increases by one bar (longer). Once the longest setting is reached, if the button is pushed again it will be set to the shortest setting available.

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

General Information

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

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

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

NOTE:

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

Changes or modifications to any of these systems by other than an authorized service facility could void authorization to use this equipment.

REAR PARKSENSE

The Rear ParkSense system provides visual and audible indications of the distance between the rear fascia and a detected obstacle when backing up, e.g. during a parking maneuver.

Rear ParkSense will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition is changed to the RUN position.

Rear ParkSense can be active only when the gear selector is in REVERSE.

Rear ParkSense Sensors

The four Rear ParkSense sensors, located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 inches (30 cm) up to 59 inches (150 cm) from the



rear fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

Chime

By shifting the vehicle in REVERSE and in the case of the presence of a rear obstacle, an acoustic signal that varies with the distance of the obstacle from the bumper is activated.

The frequency of the acoustic signal:

- Increases with the distance between vehicle and object decreases.
- Becomes continuous when the distance that separates the vehicle from the obstacle is less than approximately 12 inches (30 cm), while terminates immediately if the distance to the obstacle increases.
- Remains constant if the distance between vehicle and obstacle remains unchanged. If this situation occurs for the external sensors, the signal is stopped after approximately three seconds to avoid, for example, it activates in case of maneuver along a wall.

When the system emits a beeping sound, the volume of the Uconnect system, if turned on, is automatically lowered by Rear ParkSense.

Detection Distances

If the sensors detect more obstacles, it is taken into account only what is the shorter distance.

Instrument Cluster Display

Rear ParkSense is displayed on the instrument cluster only if you have selected "Sound and Display" within the "Safety And Driving Assistance" menu of the Uconnect system.

If an obstacle is detected in the center rear region, the display will show a single solid arc in the center rear region and will produce a one-half second tone. As the vehicle moves closer to the obstacle, the display will show the single arc moving closer to the vehicle and the sound tone will change from slow, to fast, to continuous.

If an obstacle is detected in the left and/or right rear region, the display will show a single flashing arc in the left and/or right rear region and will produce a fast sound tone. As the vehicle moves closer to the obstacle, the

display will show the single arc moving closer to the vehicle and the tone will change from fast to continuous.

In general, the vehicle is closest to the obstacle when the display shows only a flashing arc and the chime becomes continuous.

The color on the display depends on the distance and location of the obstacle.

Enabling And Disabling Rear ParkSense

ParkSense can be enabled and disabled with the ParkSense switch.



When the Rear ParkSense switch is pushed to disable the system, the instrument cluster display will show a message such as "PARKSENSE DISABLED" for approximately five seconds. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" in your Owner's Manual for further information.

The Rear ParkSense switch LED turns ON when the system is disabled by pressing the switch, as well as in case of failure or temporary disabling conditions. The Rear

ParkSense switch LED will be off when the system is enabled. If the Rear ParkSense switch is pushed, and requires service, the Rear ParkSense switch LED will blink momentarily, and then the LED will be on.

Rear ParkSense will remember the previous state when the vehicle is switch off.

CAUTION!

After turning OFF the ignition, the Rear ParkSense remains in this setting until the next ignition cycle, even in the case of changing the setting of starting RUN to OFF and then again in RUN.

Operation With A Trailer

The operation of the rear sensors is automatically deactivated when the trailer's electric plug is inserted in the vehicle's tow hook socket. In this situation, the ParkSense Switch LED turns on.

The rear sensors are automatically reactivated when the trailer's cable plug is removed.

ParkSense System Usage Precautions

NOTE:

- Ensure that the outer surface and the underside of the rear bumper is clean and clear of snow, ice, mud, dirt or other obstruction to keep the Rear ParkSense system operating properly.
- Jackhammers, large trucks, and other vibrations could affect the performance of Rear ParkSense.
- Clean the Rear ParkSense sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The Rear ParkSense system might not detect an obstacle behind the fascia/bumper, or it could provide a false indication that an obstacle is behind the fascia/bumper.
- Objects such as bicycle carriers, etc., must not be placed within 12 inches (30 cm) from the rear fascia/bumper while driving the vehicle. Failure to do so can result in the system misinterpreting a close object

as a sensor problem, causing a failure indication to be displayed in the instrument cluster.

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 is disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia when the loudspeaker sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball



WARNING!

assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

CAUTION!

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

If it's necessary to keep the trailer hitch and hitch ball assembly mounted for a long period, it is possible to filter out the trailer hitch and hitch ball assembly presence in sensor field of view. The filtering operation must be performed only by an authorized dealer.

FRONT AND REAR PARKSENSE – IF EQUIPPED

The ParkSense Park Assist system provides visual and audible indications of the distance between the rear and/or front fascia and a detected obstacle when backing up or moving forward, e.g. during a parking maneuver.

Refer to “ParkSense System Usage Precautions” for limitations of this system and recommendations.

ParkSense will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition is changed to the ON/RUN position.

ParkSense is active when the gear selector is shifted to REVERSE or to a forward gear and an obstacle is detected, as long as the system is ON. When the gear selector shifted to NEUTRAL (or PARK in case of automatic gearbox), the system becomes inactive. When the vehicle is moving forward, the system will remain active until the vehicle speed remains below approximately 11 mph (18 km/h). Reducing the speed approximately below 9 mph (15 km/h), the system

will come back active. When the vehicle is moving in REVERSE, the system will remain active as long as the speed remains below the maximum operating speed of 7 mph (11 km/h). When the maximum speed limit is exceeded, the system is disabled and the ParkSense switch LED with illuminate. The system will become active again if the vehicle speed reduces below approximately 6 mph (9 km/h).

ParkSense Sensors

The six ParkSense sensors, located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 inches (30 cm) up to 59 inches (150 cm) from the rear fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

NOTE:

For further information on Active Park Assist, refer to the “ParkSense Active Park Assist System” section.

The six ParkSense sensors, located in the front fascia/bumper, monitor the area in front of the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 inches (30 cm) up to 39 inches (100 cm) from the front fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

Enabling And Disabling ParkSense

ParkSense can be enabled and disabled with the ParkSense switch, located on the switch panel below the Uconnect display.

When the ParkSense switch is pushed to disable the system, the instrument cluster display will show the "ParkSense Disabled" message for approximately five seconds. Refer to "Instrument Cluster Display" in "Getting To Know Your Instrument Panel" in your Owner's Manual for further details.

The ParkSense switch LED turns on when the system is disabled by pushing the switch, as well as in case of failure or temporary disabling conditions. The ParkSense switch LED will be off when the system is enabled. If the

ParkSense switch is pushed, and requires service, the ParkSense switch LED will blink momentarily, and then the LED will be on.

Side Distance Warning System

The Side Distance Warning system has the function of detecting the presence of side obstacles near the vehicle using the parking sensors located in the front and rear bumpers.

Side Distance Warning Display

The Side Distance Warning screen will only be displayed if "Sound and Display" is selected from the Customer - Programmable Features section of the Uconnect System. Refer to "Uconnect Settings" in "Multimedia" in the Owner's Manual for further information.

The system warns the driver with an acoustic signal and where provided, with visual indications on the instrument panel display.

NOTE:

ParkSense will reduce the volume of the radio if on when the system is sounding an audible tone.

Activation — Deactivation

The system can operate only after driving a short distance and if the vehicle speed is between 0 and 11 mph (0 and 18 km/h). The system can be activated/deactivated via the "Settings" menu of the Uconnect system. If the ParkSense System is deactivated via the ParkSense Hard switch then the side distance warning system will automatically be deactivated.

Message on the display for Side Distance Warning feature:

"Wipe Sensors" — This message is displayed in the case of a failure of the Side Distance Warning system sensors. Free the bumpers of any obstacles, ensure that the front and rear bumper are free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.

"SDW Not Available" — This message is displayed if the Side Distance Warning system is not available. The failed operation of the system might be due to the insufficient voltage from the battery or other failures on



the electrical system. Contact an authorized dealer as soon as possible to have the electrical system checked.

Operation With A Trailer

The system is automatically deactivated when the trailer's electric plug is inserted in the vehicle's tow hook socket. The rear sensors are automatically reactivated when the trailer's cable plug is removed.

ParkSense Usage Precautions

Some conditions may influence the performance of the Side Distance Warning System:

NOTE:

- Ensure that the front and rear bumper are free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.
- Construction equipment, large trucks, and other vibrations could affect the performance of ParkSense.

- When you turn ParkSense off, the message to appear in the instrument cluster display will read "PARKSENSE OFF." Furthermore, once you turn ParkSense off, it remains off until you turn it on again, even if you cycle the ignition key.

- ParkSense, when on, will reduce the volume of the radio when it is sounding a tone.
- Clean the ParkSense sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense system might not detect an obstacle behind or in front of the fascia/bumper, or it could provide a false indication that an obstacle is behind or in front of the fascia/bumper.

- The presence of a tow hook without a trailer may interfere with the correct operation of the parking sensors. Before using the ParkSense system, it is recommended to remove the removable tow hook ball assembly and any attachments from the vehicle when it is not used for towing operations. If you wish to leave the tow hook fitted without towing a trailer, it is advisable to con-

tact your authorized dealer for the ParkSense system update operations because the tow hook could be detected as an obstacle by the central sensors.

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 is disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia when the loudspeaker sounds the continuous tone. Also, the sensors

WARNING!

could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

CAUTION!

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

PARKSENSE ACTIVE PARK ASSIST SYSTEM – IF EQUIPPED

The ParkSense Active Park Assist system is intended to assist the driver during Parallel, Perpendicular, and Parallel Park Exit maneuvers by identifying a proper parking space, providing audible/visual instructions, and controlling the steering wheel. The ParkSense Active Park Assist system is defined as “semi-automatic” since the driver maintains control of the accelerator, gear selector and brakes. Depending on the driver's parking maneuver selection, the ParkSense Active Park Assist system is capable of maneuvering a vehicle into a parallel or a perpendicular parking space on either side (i.e., driver side or passenger side), as well as exiting a parallel parking space.

NOTE:

- The driver is always responsible for controlling the vehicle, responsible for any surrounding objects, and must intervene as required.

- The system is provided to assist the driver and not to substitute the driver.
- During a semi-automatic maneuver, if the driver touches the steering wheel after being instructed to remove their hands from the steering wheel, the system will cancel, and the driver will be required to manually complete the parking maneuver.
- The system may not work in all conditions (e.g. environmental conditions such as heavy rain, snow, etc., or if searching for a parking space that has surfaces that will absorb the ultrasonic sensor waves).

Enabling And Disabling The ParkSense Active Park Assist System

The ParkSense Active Park Assist system can be enabled and disabled with the ParkSense Active Park Assist switch, located on the switch panel below the Uconnect display.



To enable the ParkSense Active Park Assist system, push the ParkSense Active Park Assist switch once (LED turns on).



To disable the ParkSense Active Park Assist system, push the ParkSense Active Park Assist switch again (LED turns off).

The ParkSense Active Park Assist system will turn off automatically for any of the following conditions:

- The parking maneuver is completed.
- Vehicle speed greater than 18 mph (30 km/h) when searching for a parking space.
- Vehicle speed greater than 5 mph (7 km/h) during active steering guidance into the parking space.
- Touching the steering wheel during active steering guidance into the parking space.
- Pushing the ParkSense Front and Rear Park Assist switch.
- Driver's door is opened.
- Rear liftgate is opened.
- Electronic Stability Control/Anti-lock Braking System intervention.

- The ParkSense Active Park Assist system will allow a maximum number of shifts between DRIVE and REVERSE. If the maneuver cannot be completed within the maximum amount of shifts, the system will cancel and the instrument cluster display will instruct the driver to complete the maneuver manually.

The ParkSense Active Park Assist system will only operate and search for a parking space when the following conditions are present:

- Gear position is in DRIVE.
- Ignition is in the RUN position.
- ParkSense Active Park Assist switch is activated.
- Driver's door is closed.
- Rear liftgate is closed.
- Vehicle speed is less than 15 mph (25 km/h).

NOTE:

If the vehicle is driven above approximately 15 mph (25 km/h), the instrument cluster display will instruct the driver to slow down.

If the vehicle is driven above approximately 18 mph (30 km/h), the system will cancel. The driver must then reactivate the system by pushing the ParkSense Active Park Assist switch.

- The outer surface and the underside of the front and rear fascias/bumpers are clean and clear of snow, ice, mud, dirt or other obstruction.

When pushed, the LED on the ParkSense Active Park Assist switch will blink momentarily, and then the LED will turn off if any of the above conditions are not present.

Exiting The Parking Space

NOTE:

The function does not work for exiting a perpendicular parking space, but only exiting parallel parking spaces.

Activation

To activate this function, push the Active ParkSense hard switch and then use the steering wheel arrow buttons to select the Parallel Park Exit feature. After the selection, the system activates and warns the driver on

the instrument panel display about the operations that have to be carried out to perform the maneuver correctly.

Selection Of The Maneuver Side

Use the right and left arrow buttons on the steering wheel to select between parallel or perpendicular parking mode. Then use the direction indicators (turn signals) to choose the direction that you want to perform the maneuver.

During the maneuver, the system asks to shift to REVERSE, select the direction indicator in the direction you want to exit. Let go of the steering wheel and press the dedicated pedals, while the system handles the steering automatically for exiting the parking space. If the driver continues to carry out a voluntary or involuntary action on the steering wheel during the exit maneuver (touching or holding the steering wheel to prevent its movement), the maneuver will be interrupted.

End Of Maneuver

The semi-automatic maneuver ends when the display shows the message of a completed maneuver. At the end of the maneuver, the system gives back the vehicle control to the driver.

Important Information

- If the sensors undergo impact which alters their position, the system operation could be greatly affected.
- The sensors reach top performance after the vehicle has gone about 30 miles (50 km) due to the dynamic tire circumference calculations used for parking.
- Clean the ParkSense sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense system might not detect an obstacle behind or in front of the fascia/bumper, or it could provide a false indication that an obstacle is behind or in front of the fascia/bumper.

- Construction equipment, large trucks, and other vibrations could affect the performance of ParkSense.
- Sensors may detect a nonexistent obstacle (echo noise) due to mechanical noises, for example while washing the vehicle or in the case of rain, strong wind, and hail.
- The sensors may not detect objects of a particular shape or made from particular materials (very thin poles, trailer beams, panels, nets, bushes, anti-parking posts, pavements, rubbish bins, motor vehicles, etc.). Always take great care to check that the vehicle and its path are actually compatible with the parking place identified by the system.
- The use of wheels and tires that are different size to the original equipment could affect the operation of the system.
- The operation of the rear sensors is automatically deactivated when the trailer's electric plug is inserted in the vehicle's tow hook socket, while the front sensors stay active and can provide acoustic and visual warnings. The rear sensors are automatically reactivated when the trailer's cable plug is removed.



- In "Search in progress" mode, the system could incorrectly identify a parking place to carry out the maneuver (e.g. by a junction, driveways, roads crossing the direction of travel, etc.).
- In the case of parking maneuvers on roads on a slope, the performance of the system could be inferior and it may deactivate.
- If a parking maneuver is being carried out between two parked vehicles alongside the pavement, the system may cause the vehicle to mount the pavement.
- Some maneuvers at very tight bends might be impossible to be carried out.
- Take great care to ensure that conditions do not change during the parking maneuver (e.g. if there are persons and/or animals in the parking place, moving vehicles, etc.) and intervene immediately if necessary.
- During parking maneuvers, pay attention to vehicles approaching from the opposite direction. Always abide by the law and road regulations.

NOTE:

- Correct system operation is not guaranteed if snow chains or the space-saver wheel are fitted.
- The function only informs the driver about the last appropriate parking place (parallel or perpendicular) detected by the parking sensors.
- Some messages displayed are accompanied by acoustic warnings.

LANESENSE

LaneSense Operation

The LaneSense system is operational at speeds above 37 mph (60 km/h) and below 112 mph (180 km/h). The LaneSense system uses a forward looking camera to detect lane markings and measure vehicle position within the lane boundaries.

When both lane markings are detected and the driver unintentionally drifts out of the lane (no turn signal applied), the LaneSense system provides a haptic warning in the form

of torque applied to the steering wheel to prompt the driver to remain within the lane boundaries. If the driver continues to unintentionally drift out of the lane, the LaneSense system provides a visual warning through the instrument cluster display to prompt the driver to remain within the lane boundaries.

The driver may manually override the haptic warning by applying torque into the steering wheel at any time.

When only a single lane marking is detected and the driver unintentionally drifts across the lane marking (no turn signal applied), the LaneSense system provides a visual warning through the instrument cluster display to prompt the driver to remain within the lane. When only a single lane marking is detected, a haptic (torque) warning will not be provided.

NOTE:

When operating conditions have been met, the LaneSense system will monitor if the

driver's hands are on the steering wheel and provides an audible warning to the driver when the driver's hands are not detected on the steering wheel. The system will cancel if the driver does not return their hands to the wheel.

Turning LaneSense On Or Off

The default status of LaneSense is off.

The LaneSense button is located on the center stack.



To turn the LaneSense system on, push the LaneSense button (LED turns off). A “Lane Sense On” message is shown in the instrument cluster display.

To turn the LaneSense system off, push the LaneSense button once (LED turns on).

NOTE:

The LaneSense system will retain the last system state on or off from the last ignition cycle when the ignition is changed to the RUN position.

LaneSense Warning Message

The LaneSense system will indicate the current lane drift condition through the instrument cluster display.

Base Instrument Cluster Display — If Equipped

When the LaneSense system is on, the lane lines are gray when both of the lane boundaries have not been detected and the LaneSense telltale is solid white.

Left Lane Departure — Only Left Lane Detected

- When the LaneSense system is on, the LaneSense telltale is solid white when only the left lane marking has been detected and the system is ready to provide visual warnings in the instrument cluster display if an unintentional lane departure occurs.

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes from white to gray, the left thin line remains solid white and the LaneSense telltale changes from solid white to flashing yellow.

NOTE:

The LaneSense system operates with the similar behavior for a right lane departure when only the right lane marking has been detected.

Left Lane Departure — Both Lanes Detected

- When the LaneSense system is on, the lane lines turn from gray to white to indicate that both of the lane markings have been detected. The LaneSense telltale is solid green when both lane markings have been detected and the system is “armed” to provide visual warnings in the instrument cluster display and a torque warning in the steering wheel if an unintentional lane departure occurs.



- When the LaneSense system senses a lane drift situation, the left thick lane line and the left thin line turn solid white. The LaneSense telltale changes from solid green to solid yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

For example: If approaching the left side of the lane, the steering wheel will turn to the right.

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes from white to gray, the left thin line remains solid white and the LaneSense telltale changes from solid yellow to flashing yellow. At this time, torque is applied to the steering wheel in the opposite direction of the lane boundary.

For example: If approaching the left side of the lane, the steering wheel will turn to the right.

NOTE:

The LaneSense system operates with the similar behavior for a right lane departure.

Premium Instrument Cluster Display — If Equipped

When the LaneSense system is on, the lane lines are gray when both of the lane boundaries have not been detected and the LaneSense telltale is solid white.

Left Lane Departure — Only Left Lane Detected

- When the LaneSense system is on, the LaneSense telltale is solid white when only the left lane marking has been detected and the system is ready to provide visual warnings in the instrument cluster display if an unintentional lane departure occurs.
- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes yellow (on/off), the left thin line remains solid yellow and the LaneSense telltale changes from solid white to flashing yellow.

NOTE:

The LaneSense system operates with the similar behavior for a right lane departure when only the right lane marking has been detected.

Left Lane Departure — Both Lanes Detected

- When the LaneSense system is on, the lane lines turn from gray to white to indicate that both of the lane markings have been detected. The LaneSense telltale is solid green when both lane markings have been detected and the system is “armed” to provide visual warnings in the instrument cluster display and a torque warning in the steering wheel if an unintentional lane departure occurs.
- When the LaneSense system senses a lane drift situation, the left thick lane line and left thin line turn solid yellow. The LaneSense telltale changes from solid green to solid yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

For example: If approaching the left side of the lane the steering wheel will turn to the right.

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes yellow (on/off) and the left thin line remains solid yellow. The LaneSense tell-

tale changes from solid yellow to flashing yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

For example: If approaching the left side of the lane the steering wheel will turn to the right.

NOTE:

The LaneSense system operates with the similar behavior for a right lane departure.

Changing LaneSense Status

The LaneSense system has settings to adjust the intensity of the torque warning and the warning zone sensitivity (early/late) that you can configure through the Uconnect system screen.

NOTE:

- When enabled the system operates above 37 mph (60 km/h) and below 112 mph (180 km/h).
- Use of the turn signal suppresses the warnings.

- The system will not apply torque to the steering wheel whenever a safety system engages (anti-lock brakes, traction control system, electronic stability control, forward collision warning, etc.).

REAR BACK UP CAMERA

The Rear Back Up Camera allows you to see an on-screen image of your vehicle's rear surroundings when the gear selector is put into REVERSE. The image will be displayed on the touchscreen display along with a note to "Check Entire Surroundings" across the top of the screen. After five seconds, this note will disappear. The camera is located above the rear license plate.



Parking Camera

When the vehicle is shifted out of REVERSE (with camera delay turned off), the rear camera mode is exited and the navigation or audio screen appears again.

When the vehicle is shifted out of REVERSE (with camera delay turned on), the camera image will continue to be displayed for up to 10 seconds after shifting out of REVERSE unless the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK or the ignition is switched to the OFF position.



When the vehicle is shifted out of REVERSE, a touchscreen "X" button is overlapped to the camera image in order to disable the visualization earlier than 10 seconds.

When enabled, active guide lines are overlaid on the image to illustrate the width of the vehicle and its projected backup path based on the steering wheel position.

Different colored zones indicate the distance to the rear of the vehicle.

The following table shows the approximate distances for each zone:

Zone	Distance To The Rear Of The Vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 3 ft (30 cm - 1 m)
Green	3 ft or greater (1 m or greater)

NOTE:

If snow, ice, mud, or any foreign substance builds up on the camera lens, clean the lens, rinse with water, and dry with a soft cloth. Do not cover the lens.

WARNING!

Drivers must be careful when backing up even when using the 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, Rear Back Up Camera should only be used as a parking aid. The Rear Back Up 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 the Rear Back Up Camera to be able to stop in time when an obstacle is seen. It is recommended that the driver look fre-

CAUTION!

quently over his/her shoulder when using the Rear Back Up Camera.

ADDING FUEL

The Capless Fuel System uses a flapper placed at the filler pipe of the fuel tank; it opens and closes automatically upon insertion/extraction of the fuel nozzle.

The Capless Fuel System is designed so that it prevents the filling of an incorrect type of fuel.

Opening The Door

For filling proceed as follows:

- Open the door, by pushing and releasing on the indentation point indicated by the arrow.



Fuel Filler Door

- Insert the fuel nozzle in the filler pipe and proceed with filling the fuel tank.
- Before removing the nozzle, wait at least 10 seconds to allow the fuel to flow inside of the tank.
- Pull the nozzle from the filler pipe and then close the door.

Emergency Refueling Procedure

If the vehicle is out of fuel proceed as follows:

- Open the liftgate and remove the emergency fuel fill funnel located in the cargo area.
- Open the fuel door.
- Insert the emergency fuel fill funnel in the filler pipe and proceed to fill the fuel tank.



Fueling With Emergency Fuel Fill Funnel

- Remove the emergency fuel fill funnel, and close the door.
- Store the emergency fuel fill funnel in the cargo area.

WARNING!

- Do not to affix objects/plugs to the end of the filler neck other than is provided on the car.
- The use of objects/plugs do not comply with the vehicle and may cause pressure increases inside the tank, creating dangerous conditions.
- Do not approach the neck of the tank with open flames or lit cigarettes its an extreme fire hazard. Also, avoid close contact with the filler pipe with your face, do not inhale harmful vapors.
- Do not use your mobile phone in the vicinity of the pump fuel nozzle, it can be a possible risk of fire.



TRAILER TOWING

Trailer Towing Weights (Maximum Trailer Weight Ratings)

The following chart provides the maximum trailer weight ratings towable for your given drivetrain.

Engine	Max. GTW (Gross Trailer Wt.)	Max. Tongue Wt. (See Note)
1.3L Turbo	2000 lbs (906 kg)	200 lbs (90 kg)
2.4L	2000 lbs (906 kg)	200 lbs (90 kg)

Refer to local laws for maximum trailer towing speeds.

NOTE: The trailer tongue weight must be considered as part of the combined weight of occupants and cargo and should never exceed the weight referenced on the Tire and Loading Information placard. Refer to “Tire Safety Information” in “Servicing And Maintenance” for further information.

RECREATIONAL TOWING

Towing This Vehicle Behind Another Vehicle

TOWING CONDITION	WHEELS OFF THE GROUND	FRONT WHEEL DRIVE (FWD)	FOUR-WHEEL DRIVE (4WD)
Flat Tow	NONE	NOT ALLOWED	NOT ALLOWED
Dolly Tow	REAR	NOT ALLOWED	NOT ALLOWED
	FRONT	OK	NOT ALLOWED
On Trailer	ALL	BEST METHOD	OK

NOTE:

- When towing your vehicle, always follow applicable state and provincial laws. Contact state and provincial Highway Safety offices for additional details.
- You must ensure that the Auto Park Brake feature is disabled before towing this vehicle, to avoid inadvertent Electric Park Brake engagement. The Auto Park Brake feature is enabled or disabled via the customer programmable features in the Uconnect Settings.

Recreational Towing

Models With Front-Wheel Drive (FWD)

Recreational towing is allowed ONLY if the front wheels are OFF the ground. This may be accomplished using a tow dolly (front wheels off the ground) or vehicle trailer (all four wheels off the ground). If using a tow dolly, follow this procedure:

- Properly secure the dolly to the tow vehicle, following the dolly manufacturer's instructions.

- Drive the front wheels onto the tow dolly.
- Apply the Electric Park Brake (EPB). Place the transmission in PARK. Turn the engine OFF.
- Properly secure the front wheels to the dolly, following the dolly manufacturer's instructions.
- Turn the ignition to the RUN mode, but do not start the engine.
- Press and hold the brake pedal.
- Release the Electric Park Brake (EPB).
- Turn the ignition OFF, and release the brake pedal.

CAUTION!

- DO NOT flat tow this vehicle. Damage to the drivetrain will result. If this vehicle requires towing, make sure the drive wheels are OFF the ground.
- Ensure that the Electric Park Brake is released, and remains released, while being towed.

CAUTION!

- Towing this vehicle in violation of the above requirements can cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Models With Four-Wheel Drive (4WD)

Recreational towing (with all four wheels on the ground, or using a towing dolly) is NOT ALLOWED. This vehicle may be towed on a flatbed or vehicle trailer provided all four wheels are OFF the ground.

CAUTION!

Towing this vehicle with ANY of its wheels on the ground can cause severe transmission and/or power transfer unit damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.



HAZARD WARNING FLASHERS

The Hazard Warning flasher switch is located on the switch bank below the radio.



Push the switch to turn on the Hazard Warning Flasher. When the switch is activated, all directional turn signals will flash on and off to warn oncoming traffic of an emergency. Push the switch a second time to turn off the Hazard Warning flashers.

This is an emergency warning system and it should not be used when the vehicle is in motion. Use it when your vehicle is disabled and it is creating a safety hazard for other motorists.

When you must leave the vehicle to seek assistance, the Hazard Warning flashers will continue to operate even though the ignition is placed in OFF mode.

NOTE:

With extended use the Hazard Warning flashers may wear down your battery.

BULB REPLACEMENT

Replacement Bulbs

Interior Bulbs

Lamps	Bulb Number
Front Courtesy Light	C5W
Front Courtesy Lights (Sun Visors)	C5W
Rear Dome Light (Models Without Retractable Roof)	C5W
Rear Interior Lights (Models With Retractable Roof)	C5W
Interior Lights	W5W
Dome Light (Glove Compartment)	W5W

Exterior Bulbs

Lamps	Bulb Number
Low Beam/High Beam Headlamps (LED Version)	LED (Serviced At An Authorized Dealer)
Low Beam/High Beam Headlamps	H13
Front Position/Daytime Running Lights (DRL)/Front Turn Indicator	PY24W
Front Direction Indicator Lamps (If Equipped With LED Headlamps)	PY24W
Front Fog Lamps	H11
Front Fog Lamps (LED Versions)	LED (Serviced At An Authorized Dealer)
Side Indicators (Front And Side View Mirror)	WY5W
Tail/Brake Lights/Turn Indicators (LED Versions)	LED (Serviced At An Authorized Dealer)
Tail/Brake Lights/Turn Indicators	P21W
Center High Mounted Stop Lamp (CHMSL)	LED (Serviced At An Authorized Dealer)
Reverse	W16W
License Plate Lamp	W5W



FUSES

WARNING!

- When replacing a blown fuse, always use an appropriate replacement fuse with the same amp rating as the original fuse. Never replace a fuse with another fuse of higher amp rating. Never replace a blown fuse with metal wires or any other material. Failure to use proper fuses may result in serious personal injury, fire and/or property damage.
- Before replacing a fuse, make sure that the ignition is off and that all the other

WARNING!

- services are switched off and/or disengaged.
- If the replaced fuse blows again, contact an authorized dealer.
 - If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, gearbox system) or steering system blows, contact an authorized dealer.

Engine Compartment Fuses/Distribution Unit

The engine compartment fuse panel is located on the left side of the engine compartment.

Refer to your Owner's Manual for further fuse information



Engine Compartment Fuse Location

Cavity	Maxi Fuse	Cartridge Fuse	Micro Fuse	Description
F01	70 Amp Tan	–	–	Module Body Computer
F02	70 Amp Tan	–	–	Module Body Computer, Rear Distribution Unit
F03	–	20 Amp Blue	–	Controller Power Supply Body Computer
F04	–	30 Amp Pink	–	Brake Control Electronics Module

Cavity	Maxi Fuse	Cartridge Fuse	Micro Fuse	Description
F05	70 Amp Tan	–	–	Electric Power-Assisted Steering
F06	20 Amp Yellow – 2.4L Engine 70 Amp Tan – 1.3L Turbo Engine	–	–	Engine Cooling Fan
F07	50 Amp Red – 2.4L Engine	–	–	Engine Cooling Fan
F08	–	30 Amp Pink	–	Automatic Transmission, GSM
F09	–	–	5 Amp Tan	Control Module Engine
F10	–	–	15 Amp Blue	Horn
F11	–	–	5 Amp Tan – 1.3L Turbo Engine 25 Amp Clear – 2.4L Engine	Supply Secondary Loads
F14	–	–	15 Amp Blue – 1.3L Turbo Engine	WCAC Pump/Active Grille Shutters
F15	40 Amp Orange	–	–	Brake Control Module Pump
F16	–	–	5 Amp Tan	Engine Control Module Power, Automatic Transmission
F17	–	–	30 Amp Green – 1.3L Turbo Engine 15 Amp Blue – 2.4L Engine	Supply Primary Loads



Cavity	Maxi Fuse	Cartridge Fuse	Micro Fuse	Description
F19	-	-	7.5 Amp Brown	Air Conditioner Compressor
F20	-	-	5 Amp Tan	Electronic Power Four-Wheel Drive
F21	-	-	15 Amp Blue	Fuel Pump
F22	-	-	10 Amp Red – 1.3L Turbo Engine 20 Amp Yellow – 2.4L Engine	Power Control Module Engine
F23	-	-	30 Amp Green	Heated Windshield – If Equipped
F24	-	-	15 Amp Blue	Electronic Unit Supply Automatic Transmission
F82	-	-	20 Amp Yellow – 1.3L Turbo Engine	Power Control Module Engine
F83	-	40 Amp Green	-	Air Conditioning Fan
F84	-	-	30 Amp Green	Power Supply All Wheel Drive
F87	-	-	5 Amp Tan	Gear Selector Automatic Transmission
F88	-	-	7.5 Amp Brown	Heated Outside Mirrors
F89	-	-	30 Amp Green	Heated Rear Window
F90	-	-	5 Amp Tan	IBS Sensor (Battery State Of Charge)

Body Computer Fuse Center

The controller is located at the left side of the steering column at the bottom of the instrument panel.

For the fuse replacement see an authorized dealer.

Cavity	Mini Fuse	Description
F31	7.5 Amp Brown	Flashes/Electrical Movement Front Seats/Fan Air Conditioning
F33	20 Amp Yellow	Power Window Front (Passenger Side)
F34	20 Amp Yellow	Power Window Front (Driver Side)
F36	15 Amp Blue	Supply Uconnect System, Air Conditioning, USB Port, Rear Ceiling Lights (With Sunroof), E-Call, SGW
F37	10 Amp Red	System Power Forward Collision Warning Plus, All Wheel Drive (AWD), IPC, Brake Pedal Switch (NC)
F38	20 Amp Yellow	Central Locking
F42	7.5 Amp Brown	Power Under Lock and Key, Brake Control Electronics Module, Electric Power-Assisted Steering
F43	20 Amp Yellow	Bi-directional Pump Washer



Cavity	Mini Fuse	Description
F47	20 Amp Yellow	Power Rear Window (Driver Side)
F48	20 Amp Yellow	Power Rear Window (Passenger Side)
F49	7.5 Amp Brown	Supply ParkSense, SGW, Mirror, Heated Front Seats, Stabilizer Battery, ESC System, S&S Inhibition Command, Blind Spot, Rain/Light Sensor, Humidity Sensor
F50	7.5 Amp Brown	Supply Air Bag
F51	7.5 Amp Brown	Air Conditioning, Lane Departure Warning, Terrain Selector, Backup Lights Switch (MT), Trailer Tow Module, Compass Module, Rear View Camera
F53	7.5 Amp Brown	Supply IPC/Starter Device/System Keyless Enter-N-Go
F94	15 Amp Blue	Power Socket

Rear Cargo Fuse/Relay Distribution Unit

To access the fuses, remove the access door from the left rear panel of the rear cargo area.

The fuses may be contained in two units. fuse holder No. 1 and fuse holder No. 2 (if equipped with trailer towing) are located closest to the rear of the vehicle.

Fuse Holder No. 1

Cavity	Mini Fuse	Description
F1	30 Amp Blue	Power Inverter
F2	20 Amp Yellow	HIFI Audio System
F3	20 Amp Yellow	MY SKY
F5	30 Amp Green	Power Seat (Driver Side)
F6	7.5 Amp Brown	Lumbar Adjustment Front Seat (Driver Side)
F8	20 Amp Yellow	Heating Front Seats

On the controller there is also a 20 amp fuse for the sun visor of the retractable roof.

Fuse Holder No. 2

Cavity	Mini Fuse	Description
F1	10 Amp Red	Controller Exterior Lighting On Trailer
F5	15 Amp Blue	Controller Exterior Lighting Lights (Drivers Side)
F6	15 Amp Blue	Controller Exterior Lighting Lights (Passenger Side)



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.
- 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.

Jack Location/Spare Tire Stowage

The jack and tools are located in the rear storage compartment if equipped, inside a special container.



Jack And Tools Location



Jack And Tools

- 1 — Wheel Bolt Wrench
- 2 — Jack
- 3 — Emergency Funnel
- 4 — Wheel Chocks
- 5 — Screwdriver
- 6 — Emergency Allen Key

1. Open the liftgate.
2. Lift the access cover using the load floor handle.

3. Remove the fastener securing the spare tire.
4. Remove the chocks.
5. Remove the jack and wheel bolt wrench.
6. Remove the spare tire.

WARNING!

A loose tire or jack thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided. Have the deflated (flat) tire repaired or replaced immediately.

Preparations For Jacking

1. Park the vehicle on a firm level surface as far from the edge of the roadway as possible. Avoid icy or slippery areas.

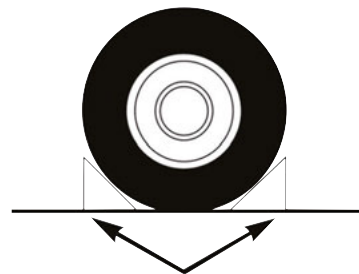
WARNING!

Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull

WARNING!

far enough off the road to avoid being hit when operating the jack or changing the wheel.

2. Turn on the Hazard Warning flasher.
3. Apply the Electric Park Brake.
4. Place the gear selector into PARK (automatic transmission) or REVERSE (manual transmission).
5. Turn the ignition to the OFF position.
6. Chock both the front and rear of the wheel diagonally opposite of the jacking position. For example, if changing the right front tire, chock the left rear wheel.



NOTE:

Passengers should not remain in the vehicle when the vehicle is being jacked.

Jacking Instructions

WARNING!

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

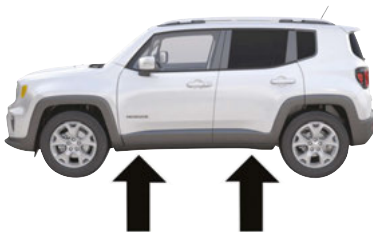


WARNING!

- Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.
- Turn on the Hazard Warning flasher.
- Chock the wheel diagonally opposite the wheel to be raised.
- Apply the parking brake and place an automatic transmission in PARK.
- 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

WARNING!

be stowed with the valve stem facing the ground.



Jacking Locations



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. Remove the spare tire, jack, and wheel bolt wrench.

- If equipped with wheels where the center cap covers the wheel bolts, use the wheel bolt wrench to pry the center cap off carefully before raising the vehicle.
- Before raising the vehicle, use the wheel bolt wrench to loosen, but not remove, the wheel bolts on the wheel with the flat tire. Turn the wheel bolts counterclockwise one turn while the wheel is still on the ground.
- Place the jack underneath the jacking location that is closest to the flat tire. Jacking location is indicated by a stamped arrow on the body. Turn the jack screw clockwise to firmly engage the jack saddle with the lift area of the sill flange, centering the jack saddle inside the cut-out in the sill cladding.



Front Jacking Location



Rear Jacking Location

- Raise the vehicle just enough to remove the flat tire.

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.

- Remove the wheel bolts and tire.



7. Mount the spare tire.

CAUTION!

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



Mounting Spare Tire

NOTE:

- Your vehicle may be equipped with a compact spare tire or a limited — use spare tire. Refer to “Tires — General Information” in “Servicing And Maintenance” in your Owner’s Manual for further information.
 - For vehicles so equipped, do not attempt to install a center cap or wheel cover on the compact spare.
8. Install the wheel bolts with the threaded end of the wheel bolt toward the wheel. Lightly tighten the wheel bolts.

WARNING!

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

9. Lower the vehicle to the ground by turning the jack handle counterclockwise.
10. Finish tightening the wheel bolts. Push down on the wrench while at the end of the handle for increased leverage.

Tighten the wheel bolts in a star pattern until each wheel bolt has been tightened twice. Refer to “Torque Specifications” in “Technical Specifications” for the proper lug bolt torque. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.

11. Securely stow the jack, tools, chocks, and flat tire.

WARNING!

A loose tire or jack thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided. Have the deflated (flat) tire repaired or replaced immediately.

Road Tire Installation

1. Mount the road tire on the axle.
2. Install the remaining wheel bolts with the threaded end of the wheel bolt toward the wheel. Lightly tighten the wheel bolts.

WARNING!

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

3. Lower the vehicle to the ground by turning the jack handle counterclockwise.
4. Finish tightening the wheel bolts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the wheel bolts in a star pattern until each wheel bolt has been tightened twice. Refer to “Torque Specifications” in the “Technical Specifications” section for the proper lug bolt torque. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or service station.
5. Lower the jack until it is free. Remove the wheel chocks. Stow the jack and tools back in the proper storage location. Release the Electric Park Brake before driving the vehicle.
6. After 25 miles (40 km) check the wheel bolt torque with a torque wrench to ensure that all wheel bolts are properly seated against the wheel.

TIRE SERVICE KIT – IF EQUIPPED

Tire Service Kit Storage

The Tire Service Kit is located in the rear storage compartment inside a storage container. Located inside the container are a screwdriver and the emergency fuel funnel. To access the Tire Service Kit open the lift-gate and remove the load floor.

Tire Service Kit Components And Operation



Tire Service Kit Components

- 1 — Power Plug (Located On Bottom Side Of Tire Service Kit)
- 2 — Sealant Hose (Clear)
- 3 — Power Button
- 4 — Pressure Gauge
- 5 — Warning Label



If a tire is punctured, you can make a first emergency repair using the Tire Service Kit located in the rear storage compartment inside the storage container.

Tire punctures of up to 1/4 inch (6 mm) can be repaired; the kit can be used in all weather conditions. Do not remove the foreign object from the punctured tire, i.e., screw or nail.

1. Remove the Tire Service Kit from the vehicle, take it out from the bag and place it near the punctured tire. Screw the clear flexible filling tube to the tire valve.
2. Insert the power plug into the vehicle power outlet socket. Start the vehicle engine.
3. Push the Tire Service Kit power button to the “I” position. The electric compressor will be turned on, sealant and air will inflate the tire.

Minimum 26 psi (1.8 bar) of pressure should be reached within 20 minutes. If the pressure has not been reached turn

off and remove the Tire Service Kit, drive the vehicle 30 feet (10 meters) back and forth, to better distribute the sealant inside the tire.

4. Attach the clear flexible filling tube of the compressor directly to the tire valve and repeat the inflation process.

When the correct pressure has been reached, start driving the vehicle to uniformly distribute the sealant inside the tire. After 10 minutes, stop and check the tire pressure. If the pressure is below 19 psi (1.3 bar), do not drive the vehicle, as the tire is too damaged, and contact the nearest authorized dealer.

WARNING!

Tire Service Kit is not a permanent flat tire repair. Have the tire inspected and repaired or replaced after using Tire Service Kit. Do not exceed 50 mph (80 km/h) until the tire is repaired or replaced. Failure to follow this warning can result in injuries that are serious or fatal to you, your passengers, and others around you. Have the

WARNING!

tire checked as soon as possible at an authorized dealer.

If the pressure is at 19 psi (1.3 bar) or above repeat the inflation process to reach the correct tire pressure and continue driving.

5. Peel off the warning label from the bottle and place it on the dashboard as a reminder to the driver that the tire has been treated with Tire Service Kit.

WARNING!

The metal end fitting from Power Plug may get hot after use, so it should be handled carefully.

Tire Service Kit Usage Precautions

WARNING!

- Do not attempt to seal a tire on the side of the vehicle closest to traffic. Pull far enough off the road to avoid the danger

WARNING!

of being hit when using the Tire Service Kit.

- Do not use Tire Service Kit or drive the vehicle under the following circumstances:
 - If the puncture in the tire tread is approximately 1/4 inch (6 mm) or larger.
 - If the tire has any sidewall damage.
 - If the tire has any damage from driving with extremely low tire pressure.
 - If the tire has any damage from driving on a flat tire.
 - If the wheel has any damage.
 - If you are unsure of the condition of the tire or the wheel.
- Keep Tire Service Kit away from open flames or heat source.
- A loose Tire Service Kit thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the Tire Service Kit in the place provided. Failure to follow these warnings can result in injuries that are seri-

WARNING!

ous or fatal to you, your passengers, and others around you.

- Take care not to allow the contents of Tire Service Kit to come in contact with hair, eyes, or clothing. Tire Service Kit sealant is harmful if inhaled, swallowed, or absorbed through the skin. It causes skin, eye, and respiratory irritation. Flush immediately with plenty of water if there is any contact with eyes or skin. Change clothing as soon as possible, if there is any contact with clothing.
- Tire Service Kit Sealant solution contains latex. In case of an allergic reaction or rash, consult a physician immediately. Keep Tire Service Kit out of reach of children. If swallowed, rinse mouth immediately with plenty of water and drink plenty of water. Do not induce vomiting! Consult a physician immediately.

Replacing The Sealant

NOTE:

Replace the sealant canister prior to the expiration date at an authorized dealer.



Tire Service Kit Expiration Date Location

WARNING!

Store the sealant canister in its special compartment, away from sources of heat.



WARNING!

Failure to follow this WARNING may result in sealant canister rupture and serious injury or death.

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.

NOTE:

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

WARNING!

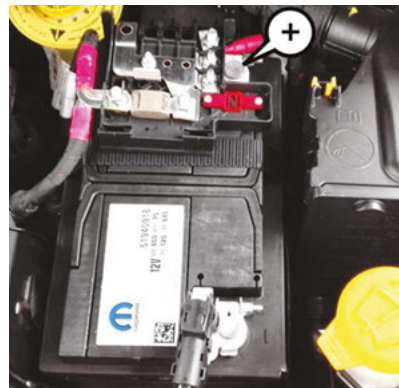
Do not attempt jump starting if the battery is frozen. It could rupture or explode and cause personal injury.

CAUTION!

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

Preparations For Jump Start

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



Positive Battery Post

NOTE:

The positive battery post is covered with a protective cap. Lift up on the cap to gain access to the positive battery post.

WARNING!

- Take care to avoid the radiator cooling fan whenever the hood is raised. It can start anytime the ignition switch is ON.

WARNING!

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.

Proceed as follows:

1. Apply the Electric Park Brake, shift the automatic transmission into PARK (manual transmission in NEUTRAL) and place the ignition OFF.
2. Turn off the heater, radio, and all unnecessary electrical accessories.
3. If using another vehicle to jump start the battery, park the vehicle within the jumper cables reach, set the parking brake and make sure the ignition is OFF.

WARNING!

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

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.

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 (exposed metal part of the discharged vehicle's engine) away from the battery and the fuel injection system.

WARNING!

Do not connect the jumper cable to the negative (-) post of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury. Only use the specific ground point, do not use any other exposed metal parts.

5. Start the 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.



6. Once the engine is started, remove the jumper cables in the reverse sequence:

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.

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

CAUTION!

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

REFUELING IN EMERGENCY

The fuel filling procedure in case of emergency is described in the "Emergency Refueling Procedure". Refer to "Adding Fuel" in "Starting And Operating" for further information.

IF YOUR ENGINE OVERHEATS

In any of the following situations, you can reduce the potential for overheating your engine by taking the appropriate action.

- On the highways — slow down.

- In city traffic — while stopped, put transmission in NEUTRAL, but do not increase engine idle speed.

CAUTION!

Driving with a hot 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" and you hear continuous chimes, turn the engine off immediately and call for service.

NOTE:

There are steps that you can take to slow down an impending overheat condition:

- If your air conditioner (A/C) is on, turn it off. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.

- You can also turn the temperature control to maximum heat, the mode control to floor and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.

WARNING!

You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the 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.

GEAR SELECTOR OVERRIDE

If a malfunction occurs and the gear selector cannot be moved out of the PARK position, you can use the following procedure to temporarily move the gear selector:

- Turn the engine OFF.
- Apply the Electric Park Brake.

- Carefully separate the gear selector boot assembly from the bezel.



Gear Selector Bezel Location

- Press and maintain firm pressure on the brake pedal.
- Insert a small screwdriver or similar tool down into the gear selector override access hole (at the right front corner of the gear selector assembly), and push and hold the override release lever down.
- Move the gear selector to the NEUTRAL position.

- The vehicle may then be started in NEUTRAL.

- Reinstall the gear selector boot on the bezel.

FREEING A STUCK VEHICLE

If your vehicle becomes stuck in mud, sand or snow, it can often be moved using a rocking motion. Turn the steering wheel right and left to clear the area around the front wheels. For vehicles with automatic transmission, push and hold the lock button on the gear selector. Then shift back and forth between DRIVE and REVERSE (with automatic transmission) or SECOND GEAR and REVERSE (with manual transmission), while gently pressing the accelerator.

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

For Vehicles With Automatic 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 for more than two seconds, you must press the brake pedal to engage DRIVE or REVERSE.

NOTE:

Push the "ESC Off" switch (if necessary), to place the Electronic Stability Control (ESC) system in "Partial Off" mode, before rocking the vehicle. Refer to "Electronic Brake Control" in "Safety" in your Owner's Manual for further information. Once the vehicle has been freed, push the "ESC Off" switch again to restore "ESC On" mode.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel

WARNING!

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

CAUTION!

rocking-motion cycles. This will minimize overheating and reduce the risk of clutch or transmission failure during prolonged efforts to free a stuck vehicle.

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

TOWING A DISABLED VEHICLE

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

Towing Condition	Wheels OFF The Ground	FWD MODELS	FOUR WHEEL DRIVE
Flat Tow	NONE	NOT ALLOWED	NOT ALLOWED
Wheel Lift Or Dolly Tow	Rear	NOT ALLOWED	NOT ALLOWED
	Front	OK	NOT ALLOWED
Flatbed	ALL	BEST METHOD	OK

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

NOTE:

- Vehicles with a discharged battery or total electrical failure when the Electric Park Brake (EPB) is engaged, will need a wheel dolly or jack to raise the rear wheels off the ground when moving the vehicle onto a flatbed.
- You must ensure that the Auto Park Brake feature is disabled before towing this vehicle, to avoid inadvertent Electric Park Brake engagement. The Auto Park Brake

feature is enabled or disabled via the customer programmable features in the Uconnect Settings.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the RUN mode. If the key fob is unavailable, or the vehicle's battery is discharged, refer to "Gear Selector Override" in this section for instructions on shifting the transmission out of PARK so that the vehicle can be moved.



CAUTION!

- Do not use sling type equipment when towing. Vehicle damage may occur.
- When securing the vehicle to a flat bed truck, do not attach to front or rear suspension components. Damage to your vehicle may result from improper towing.

Front Wheel Drive (FWD)

The manufacturer recommends towing your vehicle with all four wheels OFF the ground on a flatbed.

If flatbed equipment is not available, this vehicle must be towed with the front wheels OFF the ground (using a towing dolly, or wheel lift equipment with the front wheels raised).

NOTE:

Ensure that the Electric Park Brake is released, and remains released, while being towed.

CAUTION!

Towing this vehicle in violation of the above requirements can cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Four Wheel Drive (4WD)

The manufacturer requires towing with all four wheels OFF the ground. Acceptable methods are to tow the vehicle on a flatbed, or with one end of the vehicle raised and the opposite end on a towing dolly.

CAUTION!

- DO NOT tow this vehicle with ANY of its wheels on the ground. Damage to the drivetrain will result.
- Front or rear wheel lifts must not be used (if the remaining wheels are on the ground). Internal damage to the transmission or power transfer unit will occur if a front or rear wheel lift is used when towing.

CAUTION!

- Towing this vehicle in violation of the above requirements can cause severe transmission and/or power transfer unit damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Emergency Tow Hooks – If Equipped

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

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.

Place the ignition in the ON/RUN position, without opening the door. During towing remember that not having the aid of the power brakes and the electromechanical power steering, greater force is needed in applying the brakes and steering of the vehicle.

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.

ENHANCED ACCIDENT RESPONSE SYSTEM (EARS)

This vehicle is equipped with an Enhanced Accident Response System.

Please refer to “Occupant Restraint Systems” in “Safety” for further information on the Enhanced Accident Response System (EARS) function.

EVENT DATA RECORDER (EDR)

This vehicle is equipped with an Event Data Recorder (EDR). The main purpose of an EDR is to record data that will assist in understanding how a vehicle’s systems performed under certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle.

Please refer to “Occupant Restraint Systems” in “Safety” for further information on the Event Data Recorder (EDR).



SCHEDULED SERVICING

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

Based on engine operation conditions, the oil change indicator message will illuminate in the instrument cluster. This means that service is required for your vehicle. Operating conditions such as frequent short-trips, trailer tow and extremely hot or cold ambient temperatures will influence when the “Change Oil” or “Oil Change Required” message is displayed. Severe Operating Conditions can cause the change oil message to illuminate as early as 3,500 miles (5,600 km) since last reset. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

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

NOTE:

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

Severe Duty All Models

Change Engine Oil at 4,000 miles (6,500 km) or 350 hours of engine run time if the vehicle is operated in a dusty and off road environment or is operated predominantly at idle or only very low engine RPM's. This type of vehicle use is considered Severe Duty.

NOTE:

The Oil Change Indicator will not illuminate under these conditions.

Once A Month Or Before A Long Trip:

- Check engine oil level.
- Check windshield washer fluid level.
- Check the tire inflation pressures and look for unusual wear or damage.

- Check the fluid levels of the coolant reservoir, and brake master cylinder reservoir, and fill as needed.
- Check function of all interior and exterior lights.

Maintenance Plan

Required Maintenance Intervals.

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

Refer to the “Maintenance Chart” on the following page for the required maintenance intervals.

Mileage or time passed (whichever comes first)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	16,000	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
Check tire condition/wear and adjust pressure, if necessary, check Tire Service Kit expiration date (if equipped).	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.).	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Check and, if necessary, top up fluid levels (brakes/hydraulic clutch, windshield washer, battery, engine coolant, etc.).1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Check engine control system operation (via diagnostic tool).2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust - fuel system - brakes), rubber elements (boots, sleeves, bushings, etc.).	•		•		•		•		•		•		•		•
Check windshield/rear window wiper blade position/wear.	•		•		•		•		•		•		•		•



Mileage or time passed (whichever comes first)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	16,000	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
Check operation of windshield washer system and adjust jets if necessary.	•		•		•		•		•		•		•		•
Check cleanliness of hood and tailgate locks and cleanliness and lubrication of linkages.		•		•		•		•		•		•		•	
Visually check the condition and wear of the front and rear brakes.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Check the front suspension, tie rods, CV joints and replace if necessary.		•		•		•		•		•		•		•	
Visual inspect the condition of the accessory drive belt. ³				•				•				•			
Check the tension of the accessory drive belt.		•								•					
Inspect and replace, if required, front end accessory drive belt, tensioner, and, idler pulley. ³								•							•
Inspect and replace PCV valve if necessary.										•					
Change engine oil and replace oil filter.*															

Mileage or time passed (whichever comes first)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	16,000	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Inspect the PTU fluid level.				•				•				•			
Inspect the rear differential fluid level.				•				•				•			
Replace spark plugs (1.3L Turbo Engine)**				•				•				•			
Replace spark plugs (2.4L Engine)**										•					
Replace engine air filter. #		•		•		•		•		•		•		•	
Replace brake fluid every two years. ***		•		•		•		•		•		•		•	
Replace cabin filter.	○	•	○	•	○	•	○	•	○	•	○	•	○	•	○
Change the manual transmission fluid if using your vehicle for any of the following: trailer towing, heavy loading, taxi, police, delivery service (commercial service), off-road, desert operation or more than 50% of your driving is at sustained speeds during hot weather, above 90°F (32°C).					•										•
Flush and replace the engine coolant at 10 years or 150,000 miles (240,000 km) whichever comes first.										•					•



○ Recommend replacement

- Mandatory service

The engine air cleaner should be inspected at every oil change if used in dusty areas.

* The oil and oil filter replacement must be carried out when indicated by a warning light or message on the instrument panel, or in any case should not exceed 1 year or 10,000 miles (16,000 km).

** The spark plug change is distance based only, yearly intervals do not apply. The following are essential to ensure correct operation and prevent serious damage to the engine:

- Only use spark plugs of the same make and type which are specially certified for such engines (refer to “Fluids and Lubricants” in “Technical Specifications” for further information).
- Strictly comply with the spark plug replacement interval given in the “Maintenance Schedule” for spark plug replacement.

- Contact an authorized dealer if you have any questions.

*** The brake fluid change interval is time based only, mileage intervals do not apply.

1 Always only use the liquids shown in the handbook for topping up after having checked that the system is not damaged.

2 If the engine oil quality detected by the vehicle diagnostics is lower than 20%, it is advisable to replace the engine oil and engine filter in order to avoid another service operation after a short time.

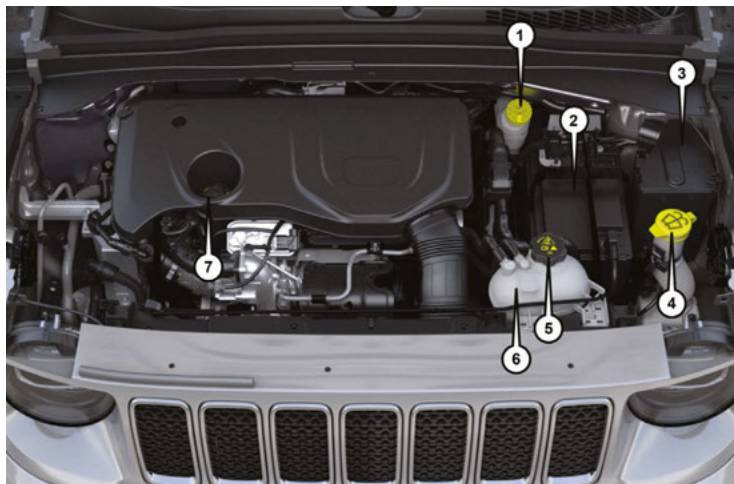
3 The maximum mileage is 75000 miles (120,000 km). The belt must be replaced every 6 years, regardless of distance travelled. If the vehicle is used in heavy conditions (dusty areas, cold climates, urban driving, long periods of idling), the maximum mileage is 37,500 miles (60,000 km). The belt must be replaced every 4 years regardless of the mileage.

WARNING!

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

ENGINE COMPARTMENT

1.3L Turbo Engine



1 — Brake Fluid Reservoir

2 — Battery

3 — Power Distribution Center (Fuses)

4 — Washer Fluid Reservoir

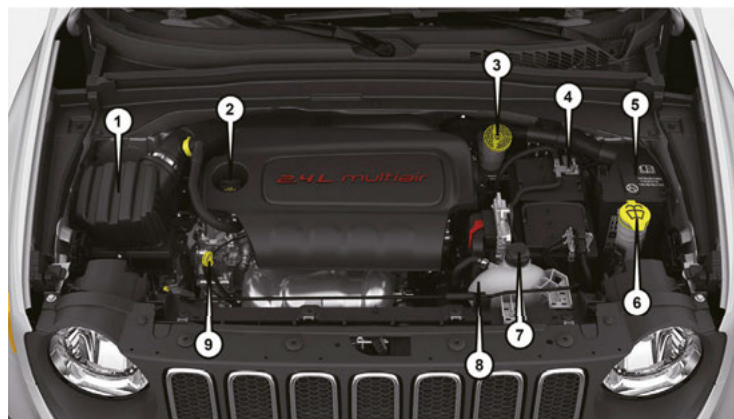
5 — Engine Coolant Pressure Cap

6 — Engine Coolant Reservoir

7 — Oil Fill Cap/Engine Oil Dipstick



2.4L Engine



- 1 — Engine Air Cleaner Filter
- 2 — Engine Oil Fill Cap
- 3 — Brake Fluid Reservoir

- 4 — Battery
- 5 — Power Distribution Center (Fuses)
- 6 — Washer Fluid Reservoir

- 7 — Coolant Pressure Bottle Cap
- 8 — Coolant Pressure Bottle
- 9 — Engine Oil Dipstick

Checking Oil Level

To assure proper engine lubrication, the engine oil must be maintained at the correct level. Check the oil level at regular intervals, such as every fuel stop. The best time to check the engine oil level is about five minutes after a fully warmed up engine is shut off.

Checking the oil while the vehicle is on level ground will improve the accuracy of the oil level readings.

There are three possible dipstick types,

- Crosshatched zone.
- Crosshatched zone marked SAFE.
- Crosshatched zone marked with MIN at the low end of the range and MAX at the high end of the range.
- Crosshatched zone marked with dimples at the MIN and the MAX ends of the range.

NOTE:

Always maintain the oil level within the cross-hatch markings on the dipstick.

Adding 1 quart (1.0 liters) of oil when the reading is at the low end of the dipstick range will raise the oil level to the high end of the range marking.

CAUTION!

Overfilling or underfilling the crankcase will cause aeration or loss of oil pressure. This could damage your engine.

Cooling System

WARNING!

- You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never open a cooling system pressure cap when the radiator or coolant bottle is hot.
- Keep hands, tools, clothing, and jewelry away from the radiator cooling fan when the hood is raised. The fan starts auto-

WARNING!

matically and may start at any time, whether the engine is running or not.

- When working near the radiator cooling fan, disconnect the fan motor lead or turn the ignition to the OFF mode. The fan is temperature controlled and can start at any time the ignition is in the ON mode.

Coolant Checks

Check engine coolant (antifreeze) protection every 12 months (before the onset of freezing weather, where applicable). If the engine coolant (antifreeze) is dirty or rusty in appearance, the system should be drained, flushed and refilled with fresh engine coolant (antifreeze). Check the front of the A/C condenser for any accumulation of bugs, leaves, etc. If dirty, clean by gently spraying water from a garden hose vertically down the face of the condenser.



Adding Washer Fluid

The windshield washer fluid reservoir is located in the engine compartment, and the fluid level should be checked at regular intervals. Fill the reservoir with windshield washer solvent (not engine coolant/ antifreeze). Refer to “Engine Compartment” in this section for further information.

WARNING!

Commercially available windshield washer solvents are flammable. They could ignite and burn you. Care must be exercised when filling or working around the washer solution.

Brake System

In order to assure brake system performance, all brake system components should be inspected periodically. Refer to the “Maintenance Plan” in this section for the proper maintenance intervals.

WARNING!

Riding the brakes can lead to brake failure and possibly a collision. Driving with your foot resting or riding on the brake pedal can result in abnormally high brake temperatures, excessive lining wear, and possible brake damage. Riding the brakes may also reduce braking capacity in an emergency.

Brake Master Cylinder

The fluid level in the master cylinder should be checked when performing under hood services, or immediately if the “Brake Warning Light” is on.

Be sure to clean the top of the master cylinder area before removing the cap. If necessary, add fluid to bring the fluid level up to the requirements described on the brake fluid reservoir. Fluid level can be expected to fall as the brake pads wear. The brake fluid level should be checked when the pads are replaced. However, low fluid level may be caused by a leak and a checkup may be needed.

NOTE:

If your vehicle is equipped with a **manual transmission**, the brake fluid reservoir supplies fluid to both the brake system and the clutch release system. The two systems are separated in the reservoir, and a leak in one system will not affect the other system. The **manual transmission** clutch release system should not require fluid replacement during the life of the vehicle. If the brake fluid reservoir is low and the brake system does not indicate any leaks or other problems, it may be a result of a leak in the hydraulic clutch release system. See an authorized dealer for service.

Use only manufacturer's recommended brake fluid. Refer to “Fluids And Lubricants” in the “Technical Specifications” section for further information.

WARNING!

- Use only manufacturer's recommended brake fluid. Refer to “Fluids And Lubricants” in the “Technical Specifications” section for further information. Using

WARNING!

the wrong type of brake fluid can severely damage your brake system and/or impair its performance. The proper type of brake fluid for your vehicle is also identified on the original factory installed hydraulic master cylinder reservoir.

- To avoid contamination from foreign matter or moisture, use only new brake fluid or fluid that has been in a tightly closed container. Keep the master cylinder reservoir cap secured at all times. Brake fluid in an open container absorbs moisture from the air resulting in a lower boiling point. This may cause it to boil unexpectedly during hard or prolonged braking, resulting in sudden brake failure. This could result in a collision.
- Overfilling the brake fluid reservoir can result in spilling brake fluid on hot engine parts, causing the brake fluid to catch fire. Brake fluid can also damage painted and vinyl surfaces, care should be taken to avoid its contact with these surfaces.

CAUTION!

Use of improper brake fluids will affect overall clutch system performance. Improper brake fluids may damage the clutch system resulting in loss of clutch function and the ability to shift the transmission.

Manual Transmission – If Equipped

Fluid Level Check

Check the fluid level by removing the fill plug. The fluid level should be between the bottom of the fill hole and a point not more than 3/16 inch (4.7 mm) below the bottom of the hole.

Add fluid, if necessary, to maintain the proper level.

Please see an authorized dealer for service.

Automatic Transmission – If Equipped

Fluid Level Check

The fluid level is preset at the factory and does not require adjustment under normal operating conditions. Routine fluid level checks are not required; therefore the transmission has no dipstick. An authorized dealer can check your transmission fluid level using special service tools. If you notice fluid leakage or transmission malfunction, visit an authorized dealer immediately to have the transmission fluid level checked. Operating the vehicle with an improper fluid level can cause severe transmission damage.

CAUTION!

If a transmission fluid leak occurs, visit an authorized dealer immediately. Severe transmission damage may occur. An authorized dealer has the proper tools to adjust the fluid level accurately.



Maintenance-Free Battery

Your vehicle is equipped with a maintenance-free battery. You will never have to add water, nor is periodic maintenance required.

WARNING!

- Battery fluid is a corrosive acid solution and can burn or even blind you. Do not allow battery fluid to contact your eyes, skin, or clothing. Do not lean over a battery when attaching clamps. If acid splashes in eyes or on skin, flush the area immediately with large amounts of water. Refer to “Jump Starting Procedure” in “In Case Of Emergency” for further information.
- Battery gas is flammable and explosive. Keep flame or sparks away from the battery. Do not use a booster battery or any other booster source with an output greater than 12 Volts. Do not allow cable clamps to touch each other.

WARNING!

- Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

CAUTION!

- It is essential when replacing the cables on the battery that the positive cable is attached to the positive post and the negative cable is attached to the negative post. Battery posts are marked positive (+) and negative (-) and are identified on the battery case. Cable clamps should be tight on the terminal posts and free of corrosion.
- If a “fast charger” is used while the battery is in the vehicle, disconnect both vehicle battery cables before connecting the charger to the battery. Do not use a “fast charger” to provide starting voltage.

DEALER SERVICE

An authorized dealer has the qualified service personnel, special tools, and equipment to perform all service operations in an expert manner. Service Manuals are available which include detailed service information for your vehicle. Refer to these Service Manuals before attempting any procedure yourself.

NOTE:

Intentional tampering with emissions control systems may void your warranty and could result in civil penalties being assessed against you.

WARNING!

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

Windshield Wiper Blades

Clean the rubber edges of the wiper blades and the windshield periodically with a sponge or soft cloth and a mild nonabrasive cleaner. This will remove accumulations of salt or road film.

Operation of the wipers on dry glass for long periods may cause deterioration of the wiper blades. Always use washer fluid when using the wipers to remove salt or dirt from a dry windshield.

Avoid using the wiper blades to remove frost or ice from the windshield. Keep the blade rubber out of contact with petroleum products such as engine oil, gasoline, etc.

NOTE:

Life expectancy of wiper blades varies depending on geographical area and frequency of use. Poor performance of blades may be present with chattering, marks, water lines or wet spots. If any of these conditions are present, clean the wiper blades or replace as necessary.

Service Position Strategy

The service position allows the wiper blades to be placed in a position that allows the wiper blades to be easily changed.

To enable the Service Position Strategy, the wipers must be in the Park position before placing the ignition in the STOP/OFF position.

Service mode must be activated within two minutes after the ignition is placed in the STOP/OFF position.

To have a correct activation of strategy, the Service Position command (antipanic) must be active for at least half a second.

At every valid activation of Service Position command, the wiper blades are activated for 250 ms.

The Service Position command can be repeated several times to bring the blades into the desired position, up to a maximum of three times.

After three subsequent activations the strategy is disabled.

Function Deactivation:

The functionality is reset if:

- The ignition is turned to the MAR/RUN position.
- Number of subsequent activations is three.
- Two minutes timer has expired after turning the ignition OFF.

NOTE:

When turning the ignition ON, the blades will go into the parking position.

Front Wiper Blade Removal/Installation

1. Lift the front wiper arm upward to raise the wiper blade off of the windshield.
2. Push the release button on the arm of the wiper blade.
3. Push the wiper blade up and remove it.





- 1 — Wiper Blade
- 2 — Release Button
- 3 — Wiper Arm

4. Install the wiper blade and firmly push the wiper blade until it snaps into place.

Rear Wiper Blade Removal/Installation

1. Carefully lift the rear wiper arm upward to raise the wiper blade off of the liftgate glass.

2. Grab and hold the wiper arm closest to the wiper blade end while pushing the wiper blade towards the liftgate glass to unsnap the blade pivot pin from the wiper blade holder on the wiper arm.
3. Install the wiper blade pivot pin into the wiper blade holder at the end of the wiper arm, and firmly push the wiper blade until it snaps into place.

RAISING THE VEHICLE

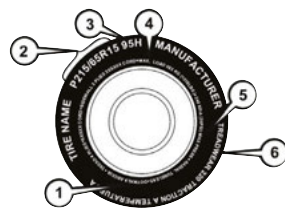
In the case where it is necessary to raise the vehicle, go to an authorized dealer or service station.

TIRES

Tire Safety Information

Tire safety information will cover aspects of the following information: Tire Markings, Tire Identification Numbers, Tire Terminology and Definitions, Tire Pressures, and Tire Loading.

Tire Markings



Tire Markings

1 — U.S. DOT	4 — Maximum
Safety Stan-	Load
dards Code	
(TIN)	
2 — Size Desig-	5 — Maximum
nation	Pressure
3 — Service	6 — Treadwear,
Description	Traction and
	Temperature
	Grades

NOTE:

- P (Passenger) — Metric tire sizing is based on U.S. design standards. P-Metric tires have the letter "P" molded into the sidewall preceding the size designation. Example: P215/65R15 95H.
- European — Metric tire sizing is based on European design standards. Tires designed to this standard have the tire size molded into the sidewall beginning with the section width. The letter "P" is absent from this tire size designation. Example: 215/65R15 96H.
- LT (Light Truck) — Metric tire sizing is based on U.S. design standards. The size designation for LT-Metric tires is the same as for P-Metric tires except for the letters "LT" that are molded into the sidewall preceding the size designation. Example: LT235/85R16.
- Temporary spare tires are designed for temporary emergency use only. Temporary high pressure compact spare tires have the letter "T" or "S" molded into the sidewall preceding the size designation. Example: T145/80D18 103M.
- High flotation tire sizing is based on U.S. design standards and it begins with the tire diameter molded into the sidewall. Example: 31x10.5 R15 LT.

Tire Sizing Chart

EXAMPLE:

Example Size Designation: P215/65R15XL 95H, 215/65R15 96H, LT235/85R16C, T145/80D18 103M, 31x10.5 R15 LT

P = Passenger car tire size based on U.S. design standards, or

"...blank..." = Passenger car tire based on European design standards, or

LT = Light truck tire based on U.S. design standards, or

T or S = Temporary spare tire or

31 = Overall diameter in inches (in)

215, 235, 145 = Section width in millimeters (mm)



EXAMPLE:

65, 85, 80 = Aspect ratio in percent (%)

- Ratio of section height to section width of tire, or

10.5 = Section width in inches (in)

R = Construction code

- "R" means radial construction, or
 - "D" means diagonal or bias construction
-

15, 16, 18 = Rim diameter in inches (in)

Service Description:

95 = Load Index

- A numerical code associated with the maximum load a tire can carry
-

H = Speed Symbol

- A symbol indicating the range of speeds at which a tire can carry a load corresponding to its load index under certain operating conditions
 - The maximum speed corresponding to the speed symbol should only be achieved under specified operating conditions (i.e., tire pressure, vehicle loading, road conditions, and posted speed limits)
-

Load Identification:

Absence of the following load identification symbols on the sidewall of the tire indicates a Standard Load (SL) tire:

- **XL** = Extra load (or reinforced) tire, or
 - **LL** = Light load tire or
 - **C, D, E, F, G** = Load range associated with the maximum load a tire can carry at a specified pressure
-

Maximum Load – Maximum load indicates the maximum load this tire is designed to carry

Maximum Pressure – Maximum pressure indicates the maximum permissible cold tire inflation pressure for this tire

Tire Identification Number (TIN)

The TIN may be found on one or both sides of the tire; however, the date code may only be on one side. Tires with white sidewalls will have the full TIN, including the date code, located on the white sidewall side of the tire. Look for the TIN on the outboard side of black sidewall tires as mounted on the vehicle. If the TIN is not found on the outboard side, then you will find it on the inboard side of the tire.

EXAMPLE:
DOT MA L9 ABCD 0301
DOT = Department of Transportation <ul style="list-style-type: none">This symbol certifies that the tire is in compliance with the U.S. Department of Transportation tire safety standards and is approved for highway use
MA = Code representing the tire manufacturing location (two digits)
L9 = Code representing the tire size (two digits)
ABCD = Code used by the tire manufacturer (one to four digits)
03 = Number representing the week in which the tire was manufactured (two digits) <ul style="list-style-type: none">03 means the 3rd week
01 = Number representing the year in which the tire was manufactured (two digits) <ul style="list-style-type: none">01 means the year 2001Prior to July 2000, tire manufacturers were only required to have one number to represent the year in which the tire was manufactured. Example: 031 could represent the 3rd week of 1981 or 1991



Tire Terminology And Definitions

Term	Definition
B-Pillar	The vehicle B-Pillar is the structural member of the body located behind the front door.
Cold Tire Inflation Pressure	Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. Inflation pressure is measured in units of PSI (pounds per square inch) or kPa (kilopascals).
Maximum Inflation Pressure	The maximum inflation pressure is the maximum permissible cold tire inflation pressure for this tire. The maximum inflation pressure is molded into the sidewall.
Recommended Cold Tire Inflation Pressure	Vehicle manufacturer's recommended cold tire inflation pressure as shown on the tire placard.
Tire Placard	A label permanently attached to the vehicle describing the vehicle's loading capacity, the original equipment tire sizes and the recommended cold tire inflation pressures.

Tire Loading And Tire Pressure

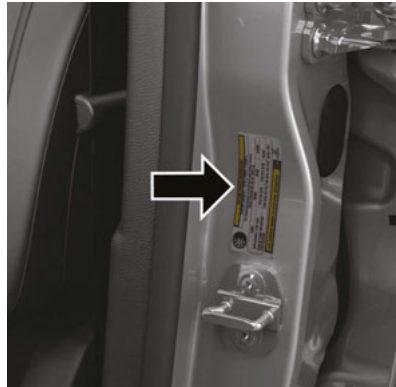
NOTE:

The proper cold tire inflation pressure is listed on the driver's side B-Pillar or the rear edge of the driver's side door.

Check the inflation pressure of each tire, including the spare tire (if equipped), at least monthly and inflate to the recommended pressure for your vehicle.



Example Tire Placard Location (Door)



Example Tire Placard Location (B-Pillar)

Tire And Loading Information Placard

TIRE AND LOADING INFORMATION				
SEATING CAPACITY - TOTAL 5 FRONT 2 REAR 3				
THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED XXX KG OR XXX LBS				
TIRE	FRONT	REAR	SPARE	
ORIGINAL TIRE SIZE	P195/70R14	P195/70R14	T125/70D15	
COLD TIRE INFLATION PRESSURE	200kPa, 29PSI	200kPa, 29PSI	420kPa, 60PSI	
SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION				
4N109268				

Tire And Loading Information Placard

This placard tells you important information about the:

1. Number of people that can be carried in the vehicle.
2. Total weight your vehicle can carry.
3. Tire size designed for your vehicle.
4. Cold tire inflation pressures for the front, rear, and spare tires.

Loading

The vehicle maximum load on the tire must not exceed the load carrying capacity of the tire on your vehicle. You will not exceed the tire's load carrying capacity if you adhere to the loading conditions, tire size, and cold tire inflation pressures specified on the Tire and Loading Information placard in "Vehicle Loading" in the "Starting And Operating" section of this manual.

NOTE:

Under a maximum loaded vehicle condition, gross axle weight ratings (GAWRs) for the front and rear axles must not be exceeded.



To determine the maximum loading conditions of your vehicle, locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs” on the Tire and Loading Information placard. The combined weight of occupants, cargo/luggage and trailer tongue weight (if applicable) should never exceed the weight referenced here.

Steps For Determining Correct Load Limit—

- (1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle's placard.
- (2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- (3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.

(4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if “XXX” amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400-750 (5x150) = 650 lbs.)

(5) Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

Metric Example For Load Limit

For example, if “XXX” amount equals 635 kg and there will be five 68 kg passengers in your vehicle, the amount of available cargo and luggage load capacity is 295 kg (635-340 (5x68) = 295 kg) as shown in step 4.

NOTE:

- If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. The following table shows examples on how to calculate total load, cargo/luggage, and towing capacities of your vehicle with varying seating configurations and number and size of occupants. This table is for illustration purposes only and may not be accurate for the seating and load carry capacity of your vehicle.
- For the following example, the combined weight of occupants and cargo should never exceed 865 lbs (392 kg).

Occupants			Combined weight of occupants and cargo from Tire Placard	MINUS	Combined Occupant's weight	=	AVAILABLE Cargo/Luggage and Trailer Tongue Weight
TOTAL	FRONT	REAR					
EXAMPLE 1			865 lbs	minus	670 lbs	=	195 lbs
5	2	3					
EXAMPLE 2			865 lbs	minus	540 lbs	=	325 lbs
3	2	1					
EXAMPLE 3			865 lbs	minus	400 lbs	=	465 lbs
2	2	0					

EXAMPLE

Occupant 1: 200 lbs
 Occupant 2: 130 lbs
 Occupant 3: 160 lbs
 Occupant 4: 100 lbs
 Occupant 5: 80 lbs
 TOTAL WEIGHT: 670 lbs

Occupant 1: 210 lbs
 Occupant 2: 180 lbs
 Occupant 3: 150 lbs
 TOTAL WEIGHT: 540 lbs

Occupant 1: 200 lbs
 Occupant 2: 200 lbs
 TOTAL WEIGHT: 400 lbs

811a4d11



WARNING!

Overloading of your tires is dangerous. Overloading can cause tire failure, affect vehicle handling, and increase your stopping distance. Use tires of the recommended load capacity for your vehicle. Never overload them.

Tires – General Information**Tire Pressure**

Proper tire inflation pressure is essential to the safe and satisfactory operation of your vehicle. Four primary areas are affected by improper tire pressure:

- Safety and Vehicle Stability
- Economy
- Tread Wear
- Ride Comfort

Safety**WARNING!**

- Improperly inflated tires are dangerous and can cause collisions.
- Underinflation increases tire flexing and can result in overheating and tire failure.
- Overinflation reduces a tire's ability to cushion shock. Objects on the road and chuckholes can cause damage that result in tire failure.
- Overinflated or underinflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control.
- Unequal tire pressures can cause steering problems. You could lose control of your vehicle.
- Unequal tire pressures from one side of the vehicle to the other can cause the vehicle to drift to the right or left.
- Always drive with each tire inflated to the recommended cold tire inflation pressure.

Both under-inflation and over-inflation affect the stability of the vehicle and can produce a feeling of sluggish response or over responsiveness in the steering.

NOTE:

- Unequal tire pressures from side to side may cause erratic and unpredictable steering response.
- Unequal tire pressure from side to side may cause the vehicle to drift left or right.

Fuel Economy

Underinflated tires will increase tire rolling resistance resulting in higher fuel consumption.

Tread Wear

Improper cold tire inflation pressures can cause abnormal wear patterns and reduced tread life, resulting in the need for earlier tire replacement.

Ride Comfort And Vehicle Stability

Proper tire inflation contributes to a comfortable ride. Over-inflation produces a jarring and uncomfortable ride.

Tire Inflation Pressures

The proper cold tire inflation pressure is listed on the driver's side B-Pillar or rear edge of the driver's side door.

At least once a month:

- Check and adjust tire pressure with a good quality pocket-type pressure gauge. Do not make a visual judgement when determining proper inflation. Tires may look properly inflated even when they are under-inflated.
- Inspect tires for signs of tire wear or visible damage.

CAUTION!

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

Inflation pressures specified on the placard are always "cold tire inflation pressure". Cold tire inflation pressure is defined as the tire

pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall.

Check tire pressures more often if subject to a wide range of outdoor temperatures, as tire pressures vary with temperature changes.

Tire pressures change by approximately 1 psi (7 kPa) per 12°F (7°C) of air temperature change. Keep this in mind when checking tire pressure inside a garage, especially in the Winter.

Example: If garage temperature = 68°F (20°C) and the outside temperature = 32°F (0°C) then the cold tire inflation pressure should be increased by 3 psi (21 kPa), which equals 1 psi (7 kPa) for every 12°F (7°C) for this outside temperature condition.

Tire pressure may increase from 2 to 6 psi (13 to 40 kPa) during operation. DO NOT reduce this normal pressure build up or your tire pressure will be too low.

Tire Pressures For High Speed Operation

The manufacturer advocates driving at safe speeds and within posted speed limits. Where speed limits or conditions are such that the vehicle can be driven at high speeds, maintaining correct tire inflation pressure is very important. Increased tire pressure and reduced vehicle loading may be required for high-speed vehicle operation. Refer to an authorized tire dealer or original equipment vehicle dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

WARNING!

High speed driving with your vehicle under maximum load is dangerous. The added strain on your tires could cause them to fail. You could have a serious collision. Do not drive a vehicle loaded to the maximum capacity at continuous speeds above 75 mph (120 km/h).



Radial Ply Tires

WARNING!

Combining radial ply tires with other types of tires on your vehicle will cause your vehicle to handle poorly. The instability could cause a collision. Always use radial ply tires in sets of four. Never combine them with other types of tires.

Tire Repair

If your tire becomes damaged, it may be repaired if it meets the following criteria:

- The tire has not been driven on when flat.
- The damage is only on the tread section of your tire (sidewall damage is not repairable).
- The puncture is no greater than a $\frac{1}{4}$ of an inch (6 mm).

Consult an authorized tire dealer for tire repairs and additional information.

Damaged Run Flat tires, or Run Flat tires that have experienced a loss of pressure should be replaced immediately with another Run Flat

tire of identical size and service description (Load Index and Speed Symbol). Replace the tire pressure sensor as well as it is not designed to be reused.

Run Flat Tires — If Equipped

Run Flat tires allow you the capability to drive 50 miles (80 km) at 50 mph (80 km/h) after a rapid loss of inflation pressure. This rapid loss of inflation is referred to as the Run Flat mode. A Run Flat mode occurs when the tire inflation pressure is of/or below 14 psi (96 kPa). Once a Run Flat tire reaches the run flat mode it has limited driving capabilities and needs to be replaced immediately. A Run Flat tire is not repairable. When a run flat tire is changed after driving with underinflated tire condition, please replace the TPM sensor as it is not designed to be reused when driven under run flat mode (14 psi (96 kPa) condition).

NOTE:

TPM Sensor must be replaced after driving the vehicle on a flat tire condition.

It is not recommended driving a vehicle loaded at full capacity or to tow a trailer while a tire is in the run flat mode.

See the tire pressure monitoring section for more information.

Tire Spinning

When stuck in mud, sand, snow, or ice conditions, do not spin your vehicle's wheels above 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping.

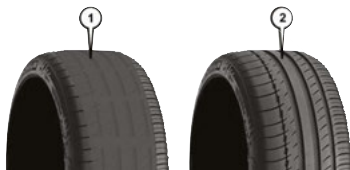
Refer to “Freeing A Stuck Vehicle” in “In Case Of Emergency” for further information.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause tire damage or failure. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) for more than 30 seconds continuously when you are stuck, and do not let anyone near a spinning wheel, no matter what the speed.

Tread Wear Indicators

Tread wear indicators are in the original equipment tires to help you in determining when your tires should be replaced.



Tire Tread

- 1 — Worn Tire
- 2 — New Tire

These indicators are molded into the bottom of the tread grooves. They will appear as bands when the tread depth becomes a 1/16 of an inch (1.6 mm). When the tread is worn to the tread wear indicators, the tire should be replaced.

Refer to “Replacement Tires” in this section for further information.

Life Of Tire

The service life of a tire is dependent upon varying factors including, but not limited to:

- Driving style.
- Tire pressure - Improper cold tire inflation pressures can cause uneven wear patterns to develop across the tire tread. These abnormal wear patterns will reduce tread life, resulting in the need for earlier tire replacement.
- Distance driven.
- Performance tires, tires with a speed rating of V or higher, and Summer tires typically have a reduced tread life. Rotation of these tires per the vehicle scheduled maintenance is highly recommended.

WARNING!

Tires and the spare tire should be replaced after six years, regardless of the remaining tread. Failure to follow this warning can result in sudden tire failure. You could lose control and have a collision resulting in serious injury or death.

NOTE:

Wheel Valve Stem must be replaced as well when installing new tires due to wear and tear in existing tires.

Keep dismantled tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease, and gasoline.

Replacement Tires

The tires on your new vehicle provide a balance of many characteristics. They should be inspected regularly for wear and correct cold tire inflation pressures. The manufacturer strongly recommends that you use tires equivalent to the originals in size, quality and performance when replacement is needed. Refer to the paragraph on “Tread Wear Indicators” in this section. Refer to the Tire and Loading Information placard or the Vehicle Certification Label for the size designation of your tire. The Load Index and Speed Symbol for your tire will be found on the original equipment tire sidewall.



See the Tire Sizing Chart example found in the “Tire Safety Information” section of this manual for more information relating to the Load Index and Speed Symbol of a tire.

It is recommended to replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle’s handling. If you ever replace a wheel, make sure that the wheel’s specifications match those of the original wheels.

It is recommended you contact an authorized tire dealer or original equipment dealer with any questions you may have on tire specifications or capability. Failure to use equivalent replacement tires may adversely affect the safety, handling, and ride of your vehicle.

WARNING!

- Do not use a tire, wheel size, load rating, or speed rating other than that specified for your vehicle. Some combinations of unapproved tires and wheels may change suspension dimensions and performance characteristics, resulting in changes to steering, handling, and brak-

WARNING!

ing of your vehicle. This can cause unpredictable handling and stress to steering and suspension components. You could lose control and have a collision resulting in serious injury or death. Use only the tire and wheel sizes with load ratings approved for your vehicle.

- Never use a tire with a smaller load index or capacity, other than what was originally equipped on your vehicle. Using a tire with a smaller load index could result in tire overloading and failure. You could lose control and have a collision.
- Failure to equip your vehicle with tires having adequate speed capability can result in sudden tire failure and loss of vehicle control.

CAUTION!

Replacing original tires with tires of a different size may result in false speedometer and odometer readings.

Tire Types

All Season Tires — If Equipped

All Season tires provide traction for all seasons (Spring, Summer, Fall, and Winter). Traction levels may vary between different all season tires. All season tires can be identified by the M+S, M&S, M/S or MS designation on the tire sidewall. Use all season tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Summer Or Three Season Tires — If Equipped

Summer tires provide traction in both wet and dry conditions, and are not intended to be driven in snow or on ice. If your vehicle is equipped with Summer tires, be aware these tires are not designed for Winter or cold driving conditions. Install Winter tires on your vehicle when ambient temperatures are less than 40°F (5°C) or if roads are covered with ice or snow. For more information, contact an authorized dealer.

Summer tires do not contain the all season designation or mountain/snowflake symbol

on the tire sidewall. Use Summer tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

WARNING!

Do not use Summer tires in snow/ice conditions. You could lose vehicle control, resulting in severe injury or death. Driving too fast for conditions also creates the possibility of loss of vehicle control.

Snow Tires

Some areas of the country require the use of snow tires during the Winter. Snow tires can be identified by a “mountain/snowflake” symbol on the tire sidewall.



If you need snow tires, select tires equivalent in size and type to the original equipment tires. Use snow tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Snow tires generally have lower speed ratings than what was originally equipped with your vehicle and should not be operated at sustained speeds over 75 mph (120 km/h). For speeds above 75 mph (120 km/h) refer to original equipment or an authorized tire dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

While studded tires improve performance on ice, skid and traction capability on wet or dry surfaces may be poorer than that of non-studded tires. Some states prohibit studded tires; therefore, local laws should be checked before using these tire types.

Spare Tires — If Equipped

NOTE:

For vehicles equipped with Tire Service Kit instead of a spare tire, please refer to “Tire Service Kit” in “In Case Of Emergency” in the Owner’s Manual for further information.

CAUTION!

Because of the reduced ground clearance, do not take your vehicle through an auto-

CAUTION!

matic car wash with a compact or limited use temporary spare installed. Damage to the vehicle may result.

Refer to the “Towing Requirements - Tires” in “Starting And Operating” in the Owner’s Manual for restrictions when towing with a spare tire designated for temporary emergency use.

Spare Tire Matching Original Equipped Tire And Wheel — If Equipped

Your vehicle may be equipped with a spare tire and wheel equivalent in look and function to the original equipment tire and wheel found on the front or rear axle of your vehicle. This spare tire may be used in the tire rotation for your vehicle. If your vehicle has this option, refer to an authorized tire dealer for the recommended tire rotation pattern.

Compact Spare Tire — If Equipped

The compact spare is for temporary emergency use only. You can identify if your vehicle is equipped with a compact spare by looking at the spare tire description on the



Tire and Loading Information Placard located on the driver's side door opening or on the sidewall of the tire. Compact spare tire descriptions begin with the letter "T" or "S" preceding the size designation. Example: T145/80D18 103M.

T, S = Temporary Spare Tire

Since this tire has limited tread life, the original equipment tire should be repaired (or replaced) and reinstalled on your vehicle at the first opportunity.

Do not install a wheel cover or attempt to mount a conventional tire on the compact spare wheel, since the wheel is designed specifically for the compact spare tire. Do not install more than one compact spare tire and wheel on the vehicle at any given time.

WARNING!

Compact and collapsible spares are for temporary emergency use only. With these spares, do not drive more than 50 mph (80 km/h). Temporary use spares have limited tread life. When the tread is worn to the tread wear indicators, the temporary

WARNING!

use spare tire needs to be replaced. Be sure to follow the warnings, which apply to your spare. Failure to do so could result in spare tire failure and loss of vehicle control.

Full Size Spare — If Equipped

The full size spare is for temporary emergency use only. This tire may look like the originally equipped tire on the front or rear axle of your vehicle, but it is not. This spare tire may have limited tread life. When the tread is worn to the tread wear indicators, the temporary use full size spare tire needs to be replaced. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

Limited Use Spare — If Equipped

The limited use spare tire is for temporary emergency use only. This tire is identified by a label located on the limited use spare wheel. This label contains the driving limitations for this spare. This tire may look like the

original equipped tire on the front or rear axle of your vehicle, but it is not. Installation of this limited use spare tire affects vehicle handling. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

WARNING!

Limited use spares are for emergency use only. Installation of this limited use spare tire affects vehicle handling. With this tire, do not drive more than the speed listed on the limited use spare wheel. Keep inflated to the cold tire inflation pressures listed on your Tire and Loading Information Placard located on the driver's side B-Pillar or the rear edge of the driver's side door. Replace (or repair) the original equipment tire at the first opportunity and reinstall it on your vehicle. Failure to do so could result in loss of vehicle control.

Wheel And Wheel Trim Care

All wheels and wheel trim, especially aluminum and chrome plated wheels, should be cleaned regularly using mild (neutral Ph) soap and water to maintain their luster and to prevent corrosion. Wash wheels with the same soap solution recommended for the body of the vehicle and remember to always wash when the surfaces are not hot to the touch.

Your wheels are susceptible to deterioration caused by salt, sodium chloride, magnesium chloride, calcium chloride, etc., and other road chemicals used to melt ice or control dust on dirt roads. Use a soft cloth or sponge and mild soap to wipe away promptly. Do not use harsh chemicals or a stiff brush. They can damage the wheel's protective coating that helps keep them from corroding and tarnishing.

CAUTION!

Avoid products or automatic car washes that use acidic solutions or strong alkaline additives or harsh brushes. Many aftermar-

CAUTION!

ket wheel cleaners and automatic car washes may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty. Only car wash soap, Mopar Wheel Cleaner or equivalent is recommended.

When cleaning extremely dirty wheels including excessive brake dust, care must be taken in the selection of tire and wheel cleaning chemicals and equipment to prevent damage to the wheels. Mopar Wheel Treatment or Mopar Chrome Cleaner or their equivalent is recommended or select a non-abrasive, non-acidic cleaner for aluminum or chrome wheels.

CAUTION!

Do not use scouring pads, steel wool, a bristle brush, metal polishes or oven cleaner. These products may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty. Only car wash soap, Mopar

CAUTION!

Wheel Cleaner or equivalent is recommended.

NOTE:

If you intend parking or storing your vehicle for an extended period after cleaning the wheels with wheel cleaner, drive your vehicle and apply the brakes to remove the water droplets from the brake components. This activity will remove the red rust on the brake rotors and prevent vehicle vibration when braking.

Dark Vapor Chrome, Black Satin Chrome, or Low Gloss Clear Coat Wheels

CAUTION!

If your vehicle is equipped with these specialty wheels, DO NOT USE wheel cleaners, abrasives, or polishing compounds. They will permanently damage this finish and such damage is not covered by the New Vehicle Limited Warranty. HAND WASH ONLY USING MILD SOAP AND WATER WITH A SOFT CLOTH. Used



CAUTION!

on a regular basis; this is all that is required to maintain this finish.

Tire Chains (Traction Devices)

Use of traction devices require sufficient tire-to-body clearance. Follow these recommendations to guard against damage.

- Traction device must be of proper size for the tire, as recommended by the traction device manufacturer.
- Install on front tires only.
- Due to limited clearance, the following traction devices are recommended:

All Models:

- The use of 7mm tire chains is permitted with the use of 215/65R16 tires only. Chain front tires ONLY. All other size tires are NOT chainable.
- No other tire sizes can be chained.

CAUTION!

- Use on front tires ONLY.
- Damage may result if tire chains or traction devices are used with original equipment size tires.

WARNING!

Using tires of different size and type (M+S, Snow) between front and rear axles can cause unpredictable handling. You could lose control and have a collision.

CAUTION!

To avoid damage to your vehicle or tires, observe the following precautions:

- Because of restricted traction device clearance between tires and other suspension components, it is important that only traction devices in good condition are used. Broken devices can cause serious damage. Stop the vehicle immediately if noise occurs that could indicate device breakage. Remove the dam-

CAUTION!

aged parts of the device before further use.

- Install device as tightly as possible and then retighten after driving about ½ mile (0.8 km).
- Do not exceed 30 mph (48 km/h).
- Drive cautiously and avoid severe turns and large bumps, especially with a loaded vehicle.
- Do not drive for a prolonged period on dry pavement.
- Observe the traction device manufacturer's instructions on the method of installation, operating speed, and conditions for use. Always use the suggested operating speed of the device manufacturer's if it is less than 30 mph (48 km/h).
- Do not use traction devices on a compact spare tire.

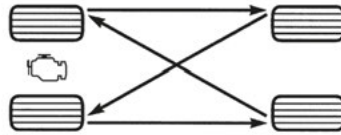
Tire Rotation Recommendations

The tires on the front and rear of your vehicle operate at different loads and perform different steering, handling, and braking functions. For these reasons, they wear at unequal rates.

These effects can be reduced by timely rotation of tires. The benefits of rotation are especially worthwhile with aggressive tread designs such as those on On/Off Road type tires. Rotation will increase tread life, help to maintain mud, snow, and wet traction levels, and contribute to a smooth, quiet ride.

Refer to the “Maintenance Plan” in this section for the proper maintenance intervals. The reasons for any rapid or unusual wear should be corrected prior to rotation being performed.

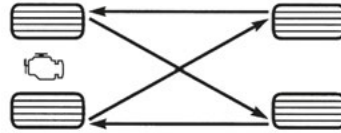
The suggested Front Wheel Drive (FWD) rotation method is the “forward cross” shown in the following diagram. This rotation pattern does not apply to some directional tires that must not be reversed.



055707139

Front Wheel Drive (FWD) Tire Rotation

The suggested Four Wheel Drive (4WD) Tire rotation method is the “rearward cross” shown in the following diagram.



055703771

Four Wheel Drive (4WD) Tire Rotation

CAUTION!

Proper operation of four-wheel drive vehicles depends on tires of equal size, type and circumference on each wheel. Any difference in tire size can cause damage to the power transfer unit. Tire rotation schedule should be followed to balance tire wear.

DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES

The following tire grading categories were established by the National Highway Traffic Safety Administration. The specific grade rating assigned by the tire's manufacturer in each category is shown on the sidewall of the tires on your vehicle.



All passenger vehicle tires must conform to Federal safety requirements in addition to these grades.

Treadwear

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

Traction Grades

The Traction grades, from highest to lowest, are AA, A, B, and C. These grades represent the tire's ability to stop on wet pavement, as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING!

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature Grades

The Temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat, when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance, which all passenger vehicle tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel, than the minimum required by law.

WARNING!

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

STORING THE VEHICLE

If the vehicle should remain stationary for more than a month, observe the following precautions:

- Park your vehicle in a covered, dry and possibly airy location the windows open slightly.
- Check that the Electric Park Brake is not engaged.
- Disconnect the negative (-) terminal from the battery post and be sure that the battery is fully charged. During storage check battery charge quarterly.

- If you do not disconnect the battery from the electrical system, check the battery charge every thirty days.
- Clean and protect the painted parts by applying protective waxes.
- Clean and protect polished metal parts by applying protective waxes.
- Apply talcum powder to the front and rear wiper blades and leave raised from the glass.
- Cover the vehicle with an appropriate cover taking care not to damage the painted surface by dragging across dirty surfaces. Do not use plastic sheeting which will not allow the evaporation of moisture present on the surface of the vehicle.
- Inflate the tires at a pressure of +7.25 psi (+50 kPa) higher than recommended on the tire placard and check it periodically.
- Do not drain the engine cooling system.
- Whenever you leave the vehicle is stationary for two weeks or more, idle the engine for approximately five minutes with the air conditioning system on and high fan speed.

This will ensure a proper lubrication of the system, thus minimizing the possibility of damage to the compressor when the vehicle is put back into operation.

NOTE:

When the vehicle has not been started or driven for at least 30 days, an Extended Park Start Procedure is required to start the vehicle. Refer to “Starting The Engine” in “Starting And Operating” for further information.

CAUTION!

Before removal of the positive and negative terminals to the battery, wait at least a minute with ignition switch in the OFF position and close the drivers door. When reconnecting the positive and negative terminals to the battery be sure the ignition switch is in the OFF position and the drivers door is closed.



BODYWORK

Preserving The Bodywork

Washing

- Wash your vehicle regularly. Always wash your vehicle in the shade using Mopar Car Wash, or a mild car wash soap, and rinse the panels completely with clear water.
- If insects, tar, or other similar deposits have accumulated on your vehicle, use Mopar Super Kleen Bug and Tar Remover to remove.
- Use a high quality cleaner wax, such as Mopar Cleaner Wax to remove road film, stains and to protect your paint finish. Take care never to scratch the paint.
- Avoid using abrasive compounds and power buffing that may diminish the gloss or thin out the paint finish.

CAUTION!

- Do not use abrasive or strong cleaning materials such as steel wool or scouring

CAUTION!

powder that will scratch metal and painted surfaces.

- Use of power washers exceeding 1,200 psi (8,274 kPa) can result in damage or removal of paint and decals.

Special Care

- If you drive on salted or dusty roads or if you drive near the ocean, hose off the undercarriage at least once a month.
- It is important that the drain holes in the lower edges of the doors, rocker panels, and trunk be kept clear and open.
- If you detect any stone chips or scratches in the paint, touch them up immediately. The cost of such repairs is considered the responsibility of the owner.
- If your vehicle is damaged due to a collision or similar cause that destroys the paint and protective coating, have your vehicle repaired as soon as possible. The cost of such repairs is considered the responsibility of the owner.

- If you carry special cargo such as chemicals, fertilizers, de-icer salt, etc., be sure that such materials are well packaged and sealed.
- If a lot of driving is done on gravel roads, consider mud or stone shields behind each wheel.
- Use Mopar Touch Up Paint on scratches as soon as possible. An authorized dealer has touch up paint to match the color of your vehicle.

INTERIORS

Seats And Fabric Parts

Use Mopar Total Clean to clean fabric upholstery and carpeting.

WARNING!

Do not use volatile solvents for cleaning purposes. Many are potentially flammable, and if used in closed areas they may cause respiratory harm.

Seat Belt Maintenance

Do not bleach, dye or clean the belts with chemical solvents or abrasive cleaners. This will weaken the fabric. Sun damage can also weaken the fabric.

If the belts need cleaning, use a mild soap solution or lukewarm water. Do not remove the belts from the vehicle to wash them. Dry with a soft cloth.

Replace the belts if they appear frayed or worn or if the buckles do not work properly.

WARNING!

A frayed or torn belt could rip apart in a collision and leave you with no protection. Inspect the belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system. Seat belt assemblies must be replaced after a collision if they have been damaged (i.e., bent retractor, torn webbing, etc.).

Plastic And Coated Parts

Use Mopar Total Clean to clean vinyl upholstery.

CAUTION!

- Direct contact of air fresheners, insect repellents, suntan lotions, or hand sanitizers to the plastic, painted, or decorated surfaces of the interior may cause permanent damage. Wipe away immediately.
- Damage caused by these type of products may not be covered by your New Vehicle Limited Warranty.

Cleaning Plastic Instrument Cluster Lenses

The lenses in front of the instruments in this vehicle are molded in clear plastic. When cleaning the lenses, care must be taken to avoid scratching the plastic.

1. Clean with a wet soft cloth. A mild soap solution may be used, but do not use high alcohol content or abrasive cleaners. If soap is used, wipe clean with a clean damp cloth.

2. Dry with a soft cloth.

Leather Parts

Mopar Total Clean is specifically recommended for leather upholstery.

Your leather upholstery can be best preserved by regular cleaning with a damp soft cloth. Small particles of dirt can act as an abrasive and damage the leather upholstery and should be removed promptly with a damp cloth. Stubborn soils can be removed easily with a soft cloth and Mopar Total Clean. Care should be taken to avoid soaking your leather upholstery with any liquid. Please do not use polishes, oils, cleaning fluids, solvents, detergents, or ammonia-based cleaners to clean your leather upholstery. Application of a leather conditioner is not required to maintain the original condition.

NOTE:

If equipped with light colored leather, it tends to show any foreign material, dirt, and fabric dye transfer more so than darker colors. The leather is designed for easy cleaning, and FCA recommends Mopar total care leather cleaner applied on a cloth to clean the leather seats as needed.



CAUTION!

Do not use Alcohol and Alcohol-based and/or Ketone based cleaning products to clean leather upholstery, as damage to the upholstery may result.

Glass Surfaces

All glass surfaces should be cleaned on a regular basis with Mopar Glass Cleaner, or any commercial household-type glass cleaner. Never use an abrasive type cleaner. Use caution when cleaning the inside rear window equipped with electric defrosters or windows equipped with radio antennas. Do not use scrapers or other sharp instruments that may scratch the elements.

When cleaning the rear view mirror, spray cleaner on the towel or cloth that you are using. Do not spray cleaner directly on the mirror.

VEHICLE IDENTIFICATION

Chassis Number

The chassis number (VIN) is stamped on a plate located on the left front corner of the instrument panel cover, which is visible from outside the car through the windshield.



Vehicle Identification Number (VIN)

This number is also stamped on the floor of the passenger compartment, near the right front seat.



Vehicle Identification Number (VIN)

NOTE:

It is illegal to remove or alter the VIN.

WHEEL AND TIRE TORQUE SPECIFICATIONS

Proper lug nut/bolt torque is very important to ensure that the wheel is properly mounted to the vehicle. Any time a wheel has been removed and reinstalled on the vehicle, the lug

nuts/bolts should be torqued using a properly calibrated torque wrench using a high quality six sided (hex) deep wall socket.

Torque Specifications

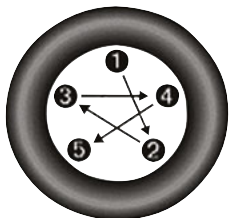
Wheel Bolt Torque	**Wheel Bolt Size	Wheel Bolt Socket Size
89 Ft-Lbs (120 N·m)	M12 x 1.25	17 mm

**Use only an authorized dealer recommended lug nuts/bolts and clean or remove any dirt or oil before tightening.

Inspect the wheel mounting surface prior to mounting the tire and remove any corrosion or loose particles.

Tighten the wheel bolts in a star pattern until each bolt has been tightened twice. Ensure that the socket is fully engaged on the lug nut/bolt.





Torque Pattern

After 25 miles (40 km), check the wheel bolt torque to be sure that all the lug nuts/bolts are properly seated against the wheel.

WARNING!

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

FUEL REQUIREMENTS

1.3L Turbo Engine



This engine is designed to meet all emissions requirements, and provide satisfactory fuel economy and performance, when using high-quality unleaded “regular” gasoline having an

octane rating of 87, as specified by the (R+M)/2 method.

The use of a 91 or higher octane “premium” gasoline will allow these engines to operate to optimal performance. This increase in performance is most noticeable in hot weather or other heavier load conditions, such as while towing.

While operating on gasoline with the required octane number, hearing a light knocking sound from the engine is not a cause for concern. However, if the engine is heard making a heavy knocking sound, see your dealer immediately. Use of gasoline with a lower than recommended octane number can cause engine failure and may void or not be covered by the New Vehicle Limited Warranty.

Poor quality gasoline can cause problems such as hard starting, stalling, and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle.

2.4L Engine



All available gasoline engines are designed to meet all emissions regulations and provide excellent fuel economy and performance when using high quality unleaded

“regular” gasoline having a octane rating of 87 using the (R+M)/2 method. The use of premium gasoline is not recommended, as it will not provide any benefit over regular gasoline in these engines.

While operating on gasoline with an octane number of 87, hearing a light knocking sound from the engine is not a cause for concern. However, if the engine is heard making a heavy knocking sound, see your dealer immediately. Use of gasoline with an octane num-

ber lower than 87 can cause engine failure and may void or not be covered by the New Vehicle Limited Warranty.

Poor quality gasoline can cause problems such as hard starting, stalling, and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle.

Materials Added To Fuel



Designated TOP TIER Detergent Gasoline contains a higher level of detergents to further aide in minimizing engine and fuel system deposits. When available, the usage of Top Tier Detergent gasoline is recommended. Visit www.toptiergas.com for a list of TOP TIER Detergent Gasoline Retailers.

Indiscriminate use of fuel system cleaning agents should be avoided. Many of these materials intended for gum and varnish removal may contain active solvents or similar ingredients. These can harm fuel system gasket and diaphragm materials.

FLUID CAPACITIES

	U.S	Metric
Fuel (Approximate)		
1.3L Turbo / 2.4L Engine	12.7 Gallons	48 Liters
Engine Oil With Filter		
1.3L Turbo Engine (SAE 0W-30 SN PLUS Synthetic, API Certified)	4.5 Quarts	4.3 Liters
2.4L Engine (SAE 0W-20, API Certified)	5.5 Quarts	5.2 Liters
Cooling System *		
1.3L Turbo Engine (Mopar Antifreeze/Engine Coolant 10 Year/150,000 Mile Formula)	8.8 Quarts	8.3 Liters
2.4L Engine (Mopar Antifreeze/Engine Coolant 10 Year/ 150,000 Mile Formula)	6.8 Quarts	6.5 Quarts
* Includes heater and coolant recovery bottle filled to MAX level.		



FLUIDS AND LUBRICANTS

Engine

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	We recommend you use Mopar Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) or equivalent meeting the requirements of FCA Material Standard MS.90032.
Engine Oil – 1.3L Turbo Engine	We recommend you use SAE 0W-30 SN PLUS API Certified Synthetic Engine Oil, meeting the requirements of FCA Material Standard MS-13340 such as Mopar, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade.
Engine Oil – 2.4L Engine	We recommend you use SAE 0W-20 API Certified Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as Mopar, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade.
Engine Oil Filter	We recommend you use a Mopar Engine Oil Filter.
Spark Plugs	We recommend you use Mopar Spark Plugs.
Fuel Selection – 1.3L Turbo Engine	87 Octane (R+M)/2, 0–15% Ethanol
Fuel Selection – 2.4L Engine	87 Octane, 0-15% Ethanol
Fuel Selection – 2.4L Flex Fuel (E-85) Engines	87 Octane, Up To 85% Ethanol.

Chassis

Component	Fluid, Lubricant, or Genuine Part
Manual Transmission – If Equipped	We recommend you use Mopar C Series Manual & Dual Dry Clutch Transmission Fluid.
Automatic Transmission – If Equipped	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.
Power Transfer Unit (PTU) – If Equipped	We recommended you use Mopar Front Axle/PTU Synthetic Axle Lubricant SAE 75W-90 (API GL-5).
Rear Differential (RDM) – If Equipped	We recommended you use Mopar Rear Axle/RDM Synthetic Axle Lubricant SAE 75W-90 (API GL-5).
Brake Master Cylinder	We recommend you use Mopar DOT 4. If DOT 4 brake fluid is not available, then DOT 3 is acceptable. DOT 4 brake fluid must be changed every 2 years regardless of mileage.

MOPAR ACCESSORIES

Authentic Accessories By Mopar

- The following highlights just some of the many Authentic Jeep Accessories by Mopar featuring a fit, finish, and functionality specifically for your Jeep Renegade.
- In choosing Authentic Accessories you gain far more than expressive style, premium

protection, or extreme entertainment, you also benefit from enhancing your vehicle with accessories that have been thoroughly tested and factory-approved.

- For the full line of Authentic Jeep Accessories by Mopar, visit your local dealership or online at mopar.com for U.S. residents and mopar.ca for Canadian residents.

NOTE:

All parts are subject to availability.



EXTERIOR:

- Spare Tire Kit
- Air Deflectors
- Wheel Locks

- Front End Cover
- Splash Guards

- Body Graphics
- Trailer Hitch

INTERIOR:

- Premium Floor Mats
- Katzkin Leather Interiors
- Slush Mats

- Door Sill Guards
- Bright Pedal Kit

- Molded Cargo Tray
- Camping Tent

ELECTRONICS:

- Mopar Web (WiFi)
- Electronic Vehicle Tracking System

- Park Distance Sensors
- Heated Windshield Washer Solvent

- Rear View Camera

CARRIERS:

- Roof Top Cargo Basket
- Roof-mount Ski and Snowboard Carrier

- Sport Utility Bars
- Hitch-mount Bike Carriers

- Roof-mount Bike Carrier
- Roof Cargo Box Carrier

MOPAR PERFORMANCE:

- Cat-back Exhaust

CYBERSECURITY

Your vehicle may be a connected vehicle and may be equipped with both wired and wireless networks. These networks allow your vehicle to send and receive information. This information allows systems and features in your vehicle to function properly.

Your vehicle may be equipped with certain security features to reduce the risk of unauthorized and unlawful access to vehicle systems and wireless communications. Vehicle software technology continues to evolve over time and FCA US LLC, working with its suppliers, evaluates and takes appropriate steps as needed. Similar to a computer or other devices, your vehicle may require software updates to improve the usability and performance of your systems or to reduce the potential risk of unauthorized and unlawful access to your vehicle systems.

The risk of unauthorized and unlawful access to your vehicle systems may still exist, even if the most recent version of vehicle software (such as Uconnect software) is installed.

WARNING!

- It is not possible to know or to predict all of the possible outcomes if your vehicle's systems are breached. It may be possible that vehicle systems, including safety related systems, could be impaired or a loss of vehicle control could occur that may result in an accident involving serious injury or death.
- ONLY insert media (e.g., USB, SD card, or CD) into your vehicle if it came from a trusted source. Media of unknown origin could possibly contain malicious software, and if installed in your vehicle, it may increase the possibility for vehicle systems to be breached.
- As always, if you experience unusual vehicle behavior, take your vehicle to your nearest authorized dealer immediately.

NOTE:

- FCA US LLC or your dealer may contact you directly regarding software updates.

- To help further improve vehicle security and minimize the potential risk of a security breach, vehicle owners should:
 - Routinely check www.driveuconnect.com (U.S. Residents) or www.driveuconnect.ca (Canadian Residents) to learn about available Uconnect software updates.
 - Only connect and use trusted media devices (e.g. personal mobile phones, USBs, CDs).

Privacy of any wireless and wired communications cannot be assured. Third parties may unlawfully intercept information and private communications without your consent. For further information, refer to "Data Collection & Privacy" in your Uconnect Owner's Manual Supplement or "Onboard Diagnostic System (OBD II) Cybersecurity" in "Getting To Know Your Instrument Panel" in your Owner's Manual.



UCONNECT 3 WITH 5-INCH DISPLAY – IF EQUIPPED

Uconnect 3 With 5-inch Display At A Glance



Uconnect 3 With 5-inch Display Radio Buttons

- 1 — RADIO Button
- 2 — COMPASS Button
- 3 — SETTINGS Button
- 4 — MORE Functions Button
- 5 — BROWSE/ENTER Button — TUNE/SCROLL Knob

- 6 — SCREEN OFF Button
- 7 — MUTE Button
- 8 — System On/Off — VOLUME Control Knob
- 9 — Uconnect PHONE Button
- 10 — MEDIA Button

CAUTION!

Do NOT attach any object to the touchscreen, doing so can result in damage to the touchscreen.

Clock Setting

To start the clock setting procedure:

1. Press the “Settings” button on the faceplate, then press the “Clock and Date” button.
2. Press the “Set Time” button on the touchscreen.
3. Press the “Up” or “Down” arrows to adjust the hours or minutes, then select the “AM” or “PM” button on the touchscreen. You can also select 12hr or 24hr format by pressing the desired button on the touchscreen.
4. Once the time is set, press the “Done” button on the touchscreen to exit the time screen.

NOTE:

In the Clock Setting Menu you can also select “Display Clock”. Display Clock turns the clock display in the status bar on or off.

Audio Setting

1. Press the “Settings” button on the faceplate.
2. Scroll down and press the “Audio” button on the touchscreen to open the Audio menu.
3. The Audio Menu shows the following options for you to customize your audio settings.

Equalizer

Press the “Equalizer” button on the touchscreen to adjust the Bass, Mid and Treble. Use the “+” or “-” button on the touchscreen to adjust the equalizer to your desired settings.

Balance/Fade

Press the “Balance/Fade” button on the touchscreen to adjust the sound from the

speakers. Use the arrow buttons on the touchscreen to adjust the sound level from the front and rear or right and left side speakers. Press the center “C” button on the touchscreen to reset the balance and fade to the factory setting.

Speed Adjusted Volume — If Equipped

Press the “Speed Adjusted Volume” button on the touchscreen to select between OFF, 1, 2 or 3. This will decrease the radio volume relative to a decrease in vehicle speed.

Loudness — If Equipped

Press the “Loudness” button on the touchscreen to select the Loudness feature. When this feature is activated it improves sound quality at lower volumes.

Surround Sound — If Equipped

Press the “Surround Sound” button on the touchscreen, select “On” or “Off” followed by pressing the back arrow button on the touchscreen. When this feature is activated, it provides simulated surround sound mode.



Radio Operation



Radio Operation

- 1 — Radio Station Preset
- 2 — All Presets
- 3 — Seek Next
- 4 — Audio Settings
- 5 — Station Information
- 6 — Direct Tune
- 7 — Radio Band
- 8 — Seek Previous

Store Radio Presets Manually

The Radio stores up to 12 presets in each of the Radio modes. There are four visible presets at the top of the radio screen. Pressing the “All” button on the touchscreen on the radio home screen displays all of the preset stations for that mode.

To store a radio preset manually, follow the steps below:

1. Tune to the desired station.
2. Press and hold the desired numbered button on the touchscreen for more than two seconds, or until you hear a confirmation beep.


Seek Next/Previous Buttons

- Press the Seek Next or Seek Previous button to seek through radio stations in AM, FM or SXM bands.
- Hold either button to bypass stations without stopping.

Voice Text Reply (Not Compatible With iPhone)

Once your Uconnect system is paired with a compatible mobile device, the system can announce a new incoming text message, and read it to you over the vehicle audio system. You can reply to the message using Voice Recognition by selecting, or saying, one of the 18 pre-defined messages.

Here's How:

1. Push the Voice Recognition (VR)  or the Phone button and wait for the beep, then say “reply.” Uconnect gives the following prompt: “Please say the message you would like to send.”
2. Wait for the beep and say one of the pre-defined messages. (If you are not sure, you can say “help”). Uconnect will then read the pre-defined messages allowed.
3. As soon as you hear the message you would like to send, you can interrupt the list of prompts by pushing the Uconnect

phone button and saying the phrase. Uconnect will confirm the message by reading it back to you.

4. Push the Phone button and say “Send.”

PRE-DEFINED VOICE TEXT REPLY RESPONSES		
Yes.	Stuck in traffic.	See you later.
No.	Start without me.	I'll be late.
Okay.	Where are you?	I will be <5, 10, 15, 20, 25, 30, 45, 60>* minutes late.
Call me.	Are you there yet?	
I'll call you later.	I need directions.	See you in <5, 10, 15, 20, 25, 30, 45, 60>* minutes.
I'm on my way.	Can't talk right now.	
I'm lost.		Thanks.

*Use only the numbering listed or the system may not transcribe the message properly.

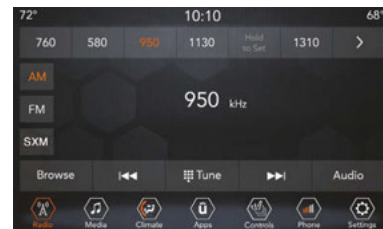
Siri Eyes Free — If Equipped

Siri lets you use your voice to send text messages, select media, place phone calls and much more. Siri uses natural language to understand what you mean and responds back to confirm your requests. The system is designed to keep your eyes on the road and your hands on the wheel by letting Siri help you perform useful tasks.

To enable Siri, push and hold, then release the Uconnect Voice Recognition (VR) button on the steering wheel. After you hear a double beep you can ask Siri to play podcasts and music, get directions, read text messages and many other useful requests.

UCONNECT 4 WITH 7-INCH DISPLAY

Uconnect 4 At A Glance



Uconnect 4 With 7-inch Display Radio Screen

CAUTION!

Do NOT attach any object to the touchscreen, doing so can result in damage to the screen.

NOTE:

Uconnect screen images are for illustration purposes only and may not reflect exact software for your vehicle.



Setting The Time

1. For Uconnect 4, turn the unit on, and then press the time display at the top of the screen. Press “Yes.”
2. If the time is not displayed at the top of the screen, press the “Settings” button on the touchscreen. In the Settings screen, press the “Clock & Date” button on the touchscreen, then check or uncheck this option.
3. Press “+” or “-” next to “Set Time Hours” and “Set Time Minutes” to adjust the time.
4. If these features are not available, uncheck the Sync Time box.
5. Press “X” to save your settings and exit out of the Clock Setting screen.

Audio Settings

- Press the “Audio” button on the touchscreen to activate the Audio settings screen to adjust Balance\Fade, Equalizer, Speed Adjusted Volume, Surround Sound, Loudness, AUX Volume Offset, Auto Play, and Radio Off With Door.

- You can return to the Radio screen by pressing the “X” located at the top right.

Balance/Fade

- Press the “Balance/Fade” button on the touchscreen to Balance audio between the front speakers or fade the audio between the rear and front speakers.
- Pressing the “Front,” “Rear,” “Left,” or “Right” buttons on the touchscreen or press and drag the Speaker Icon to adjust the Balance/Fade.

Equalizer

- Press the “Equalizer” button on the touchscreen to activate the Equalizer screen.
- Press the “+” or “-” buttons on the touchscreen, or press and drag over the level bar for each of the equalizer bands. The level value, which spans between plus or minus nine, is displayed at the bottom of each of the bands.

Speed Adjusted Volume

- Press the “Speed Adjusted Volume” button on the touchscreen to activate the Speed Adjusted Volume screen. The Speed Adjusted Volume is adjusted by pressing the

volume level indicator. This alters the automatic adjustment of the audio volume with variation to vehicle speed.

Loudness — If Equipped

- Press the “On” button on the touchscreen to activate Loudness. Press “Off” to deactivate this feature. When Loudness is On, the sound quality at lower volumes improves.

AUX Volume Offset

- Press the “AUX Volume Offset” button on the touchscreen to activate the AUX Volume Offset screen. The AUX Volume Offset is adjusted by pressing of the “+” and “-” buttons. This alters the AUX input audio volume. The level value, which spans between plus or minus three, is displayed above the adjustment bar.

Auto Play — If Equipped

- Press the “Auto Play” button on the touchscreen to activate the Auto Play screen. The Auto Play feature has two settings “On” and “Off.” With Auto Play on, music begins playing from a connected device, immediately after it is connected to the radio.

Auto On Radio — If Equipped

- The Radio automatically turns on when vehicle is in run or will recall whether it was on or off at last ignition off.

Radio Off With Door — If Equipped


- Press the “Radio Off With Door” button on the touchscreen to activate the Radio Off With Door screen. The Radio Off With Door feature, when activated, keeps the radio on until the driver or passenger door is opened, or when the Radio Off Delay selected time has expired.

Drag & Drop Menu Bar

The Uconnect features and services in the main menu bar are easily changed for your convenience. Simply follow these steps:



Uconnect 4 Main Menu

1. Press the “Apps 

The new app shortcut, that was dragged down onto the main menu bar, will now be an active App/shortcut.

NOTE:

This feature is only available if the vehicle is in PARK.



Radio



Uconnect 4 With 7-inch Display Radio

- 1 — Radio Station Presets
- 2 — Toggle Between Presets
- 3 — Status Bar
- 4 — Main Category Bar
- 5 — Audio Settings

- 6 — Seek Up
- 7 — Direct Tune To A Radio Station
- 8 — Seek Down
- 9 — Browse And Manage Presets
- 10 — Radio Bands

WARNING!

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

- To access the Radio mode, press the “Radio” button on the touchscreen.

Selecting Radio Stations

- Press the desired radio band (AM, FM or SXM) button on the touchscreen.

Seek Up/Seek Down

- Press the Seek up or down arrow buttons on the touchscreen for less than two seconds to seek through radio stations.

- Press and hold either arrow button on the touchscreen for more than two seconds to bypass stations without stopping. The radio will stop at the next listenable station once the arrow button on the touchscreen is released.

Direct Tune

- Tune directly to a radio station by pressing the “Tune” button on the screen, and entering the desired station number.

Store Radio Presets Manually

Your radio can store 36 total preset stations, 12 presets per band (AM, FM and SXM). They are shown at the top of your radio screen. To see the 12 preset stations per band, press the arrow button on the touchscreen at the top right of the screen to toggle between the two sets of six presets.

To store a radio preset manually, follow the steps below:

1. Tune to the desired station.
2. Press and hold the desired numbered button on the touchscreen for more than two seconds or until you hear a confirmation beep.

Android Auto – If Equipped

NOTE:

Feature availability depends on your carrier and mobile phone manufacturer. Some Android Auto features may or may not be available in every region and/or language.

Android Auto is a feature of your Uconnect system, and your Android 5.0 Lollipop, or higher, powered smartphone with a data plan, that allows you to project your smartphone and a number of its apps onto the touchscreen radio display. Android Auto automatically brings you useful information, and organizes it into simple cards that appear just when they are needed. Android Auto can be used with Google's best-in-class speech technology, the steering wheel controls, the knobs and buttons on your radio faceplate, and the radio display's touchscreen to control many of your apps. To use Android Auto follow the following steps:

1. Download the Android Auto app from the Google Play store on your Android-powered smartphone.

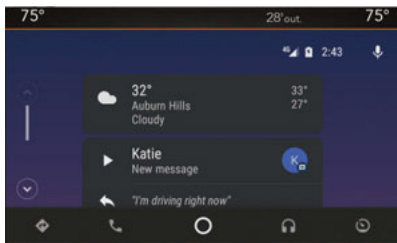


2. Connect your Android-powered smartphone to one of the media USB ports in your vehicle. If you have not downloaded the Android Auto app to your smartphone before plugging in the device for the first time, the app begins to download.

NOTE:

Be sure to use the factory-provided USB cable that came with your phone, as aftermarket cables may not work.

Your phone may ask you to approve the use of the Android Auto app before use.



Android Auto

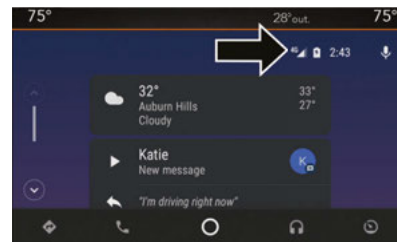
3. Once the device is connected and recognized, Android Auto should automatically launch, but you can also launch it by touching the Android Auto icon on the touchscreen, located under Apps.

Once Android Auto is up and running on your Uconnect system, the following features can be utilized using your smartphone's data plan:

- Google Maps for navigation
- Google Play Music, Spotify, iHeart Radio, etc. for music
- Hands-free Calling, and Texting for communication
- Hundreds of compatible apps, and many more!

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 radio screen. Once Android Auto has made a connection through USB, Android Auto will also connect via Bluetooth.



Google Maps Data And Cellular Coverage

NOTE:

Requires compatible smartphone running Android 5.0 Lollipop or higher and download app on Google Play. Android, Android Auto and Google Play are trademarks of Google Inc.

Apple CarPlay Integration – If Equipped**NOTE:**

Feature availability depends on your carrier and mobile phone manufacturer. Some Apple CarPlay features may or may not be available in every region and/or language.

Uconnect works seamlessly with Apple CarPlay, the smarter, more secure way to use your iPhone in the car, and stay focused on the road. Use your Uconnect Touchscreen display, the vehicle's knobs and controls, and your voice with Siri to get access to Apple Music, Maps, Messages, and more.

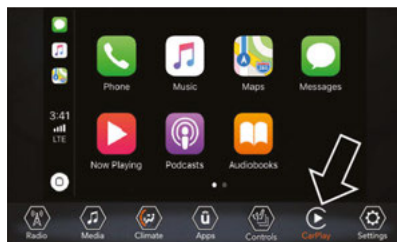
To use CarPlay, make sure you are using iPhone 5 or later, have Siri enabled in Settings, that your iPhone is unlocked for the very first connection only, and then use the following procedure:

1. Connect your iPhone to one of the media USB ports in your vehicle.

NOTE:

Be sure to use the factory-provided Lightning cable that came with your phone, as aftermarket cables may not work.

2. Once the device is connected and recognized, CarPlay should automatically launch, but you can also launch it by touching the CarPlay icon on the touchscreen, located under Apps.



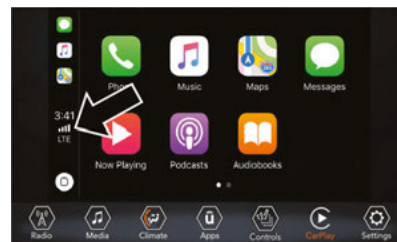
Apple CarPlay

Once CarPlay is up and running on your Uconnect system, the following features can be utilized using your iPhone's data plan:

- Phone
- Music
- Messages
- Maps

NOTE:

To use 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 radio screen.



CarPlay Data And Cellular Coverage

NOTE:

Requires compatible iPhone. See dealer for phone compatibility. Data plan rates apply. Vehicle user interface is a product of Apple. Apple CarPlay is a trademark of Apple Inc. iPhone is a trademark of Apple Inc., registered in the US and other countries. Apple terms of use and privacy statements apply.



UCONNECT 4C/4C NAV WITH 8.4-INCH DISPLAY

Uconnect 4C/4C NAV At A Glance



Uconnect 4/4C NAV Radio

WARNING!

ALWAYS drive safely with your hands on the wheel. You have full responsibility and assume all risks related to the use of the Uconnect features, SiriusXM Guardian services, and applications in this vehicle. Only use Uconnect features and SiriusXM Guardian services when it is safe to do so.

WARNING!

Failure to do so may result in an accident involving serious injury or death.

CAUTION!

Do NOT attach any object to the touchscreen, doing so can result in damage to the screen.

NOTE:

Uconnect screen images are for illustration purposes only and may not reflect exact software for your vehicle.

Setting The Time

- Model 4C NAV synchronizes time automatically via GPS, so it should not require any time adjustment. If you do need to set the time manually, follow the instructions below for Model 4C NAV.
- For Model 4C, turn the unit on, and then press the time display at the top of the screen. Press “Yes.”

- If the time is not displayed at the top of the screen, press the “Settings” button on the touchscreen. In the Settings screen, press the “Clock” button on the touchscreen, then check or uncheck this option.
- Press “+” or “-” next to Set Time Hours and Set Time Minutes to adjust the time.
- If these features are not available, uncheck the Sync Time box.
- Press “X” to save your settings and exit out of the Clock Setting screen.

Background Themes

- Screen background themes are selectable from a pre-loaded list of themes. If you’d like to set a theme, follow the instructions below.
- Press the “Settings” button on the touchscreen and select the display menu.
- Then press the “Set Theme” button on the touchscreen and select a theme.

Audio Settings

- Press the “Audio” button on the touchscreen to activate the Audio settings screen to adjust Balance/Fade, Equalizer, and Speed Adjusted Volume.
- You can return to the Radio screen by pressing the “X” located at the top right.

Balance/Fade

- Press the “Balance/Fade” button on the touchscreen to Balance audio between the front speakers or fade the audio between the rear and front speakers.
- Pressing the “Front,” “Rear,” “Left,” or “Right” buttons on the touchscreen or press and drag the Speaker Icon to adjust the Balance/Fade.

Equalizer

- Press the “Equalizer” button on the touchscreen to activate the Equalizer screen.
- Press the “+” or “-” buttons on the touchscreen, or press and drag over the level bar for each of the equalizer bands. The level value, which spans between plus or minus nine, is displayed at the bottom of each of the Bands.

Speed Adjusted Volume


- Press the “Speed Adjusted Volume” button on the touchscreen to activate the Speed Adjusted Volume screen. The Speed Adjusted Volume is adjusted by pressing the volume level indicator. This alters the automatic adjustment of the audio volume with variation to vehicle speed.

Drag & Drop Menu Bar

The Uconnect features and services in the main menu bar are easily changed for your convenience. Simply follow these steps:



Uconnect 4C/4C NAV With 8.4-inch Display Main Menu

1. Press the “Apps  ” button to open the App screen.
2. Press and hold, then drag the selected App to replace an existing shortcut in the main menu bar.

The new app shortcut, that was dragged down onto the main menu bar, will now be an active App/shortcut.

NOTE:

This feature is only available if the vehicle is in PARK.



Radio



Uconnect 4C NAV Radio

- | | |
|-------------------------------|------------------------------------|
| 1 — Radio Station Presets | 7 — Audio Settings |
| 2 — Toggle Between Presets | 8 — Seek Up |
| 3 — Status Bar | 9 — Direct Tune To A Radio Station |
| 4 — View Small Navigation Map | 10 — Seek Down |
| 5 — HD Radio | 11 — Browse And Manage Presets |
| 6 — Main Category Bar | 12 — Radio Bands |

WARNING!

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

- To access the Radio mode, press the “Radio” button on the touchscreen.

Selecting Radio Stations

- Press the desired radio band (AM, FM or SXM) button on the touchscreen.

Seek Up/Seek Down

- Press the Seek up or down arrow buttons on the touchscreen for less than two seconds to seek through radio stations.

- Press and hold either arrow button on the touchscreen for more than two seconds to bypass stations without stopping. The radio will stop at the next listenable station once the arrow button on the touchscreen is released.

Direct Tune

- Tune directly to a radio station by pressing the “Tune” button on the screen, and entering the desired station number.

Store Radio Presets Manually

Your radio can store 36 total preset stations, 12 presets per band (AM, FM and SXM). They are shown at the top of your radio screen. To see the 12 preset stations per band, press the arrow button on the touchscreen at the top right of the screen to toggle between the two sets of six presets.

To store a radio preset manually, follow the steps below:

1. Tune to the desired station.
2. Press and hold the desired numbered button on the touchscreen for more than two seconds or until you hear a confirmation beep.

HD Radio — If Equipped

- HD Radio (available on Uconnect 4C/4C NAV) operates similar to a conventional radio except it allows broadcasters to transmit a high-quality digital signal.
- With an HD radio receiver, the listener is provided with a clear sound that enhances the listening experience. HD radio can also transmit data such as song title or artist.

Android Auto — If Equipped

NOTE:

Feature availability depends on your carrier and mobile phone manufacturer. Some Android Auto features may or may not be available in every region and/or language.

Android Auto is a feature of your Uconnect system, and your Android 5.0 Lollipop, or higher, powered smartphone with a data plan, that allows you to project your smartphone and a number of its apps onto the touchscreen radio display. Android Auto automatically brings you useful information, and organizes it into simple cards that appear just when they are needed. Android Auto can be used with Google's best-in-class speech tech-



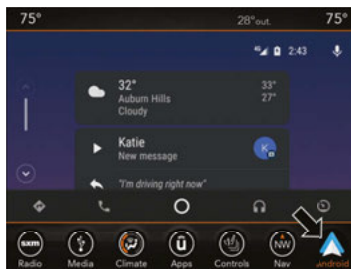
nology, the steering wheel controls, the knobs and buttons on your radio faceplate, and the radio display's touchscreen to control many of your apps. To use Android Auto follow these steps:

1. Download the Android Auto app from the Google Play store on your Android-powered smartphone.
2. Connect your Android powered smartphone to one of the media USB ports in your vehicle. If you have not downloaded the Android Auto app to your smartphone before plugging in the device for the first time, the app begins to download.

NOTE:

Be sure to use the factory-provided USB cable that came with your phone, as aftermarket cables may not work.

Your phone may ask you to approve the use of the Android Auto app before use.



Android Auto

3. Once Android Auto has made a connection through USB, Android Auto will also connect via Bluetooth. The system displays the Android Auto home screen. Android Auto automatically launches, but if it does not, refer to the Uconnect Owner's Manual Supplement for the procedure to enable the feature "AutoShow." You can also launch it by pressing Android Auto located in the "Apps" menu. If you use Android Auto frequently you can move the app to the menu bar at the bottom of the touchscreen. Press the "Apps" button and locate the Android Auto app; then drag the selected App to replace an existing shortcut in the main menu bar.

Once Android Auto is up and running on your Uconnect system, the following features can be utilized using your smartphone's data plan:

- Google Maps for navigation
- Google Play Music, Spotify, iHeart Radio, etc. for music
- Hands-free Calling, and Texting for communication
- Hundreds of compatible apps, and many more!

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 radio screen.



Google Maps Data And Cellular Coverage

NOTE:

Requires compatible smartphone running Android 5.0 Lollipop or higher and download app on Google Play. Android, Android Auto and Google Play are trademarks of Google Inc.

Maps

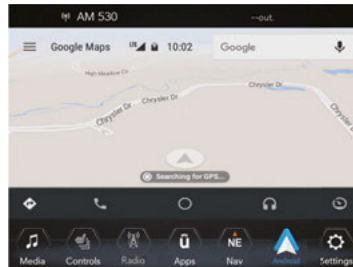
Push and hold the VR button on the steering wheel or tap the microphone icon to ask Google to take you to a desired destination by voice. You can also touch the Navigation icon in Android Auto to access Google Maps.

NOTE:

If the VR button is not held, and is only pushed, the built-in Uconnect VR prompts you and any spoken navigation command launches the built-in Uconnect navigation system.

While using Android Auto, Google Maps provides voice-guided:

- Navigation
- Live traffic information
- Lane guidance



Google Maps

NOTE:

If you are using the built-in Uconnect navigation system, and you try and start a new route using Android Auto, via voice or any other method, a pop-up appears asking if you would like to switch from Uconnect navigation to smartphone navigation. A pop-up also appears, asking if you'd like to switch, if Android Auto is currently in use and you attempt to launch a built-in Uconnect route. Selecting "Yes" switches the navigation type to the newly used method of navigation and a route is planned for the new destination. If "No" is selected the navigation type remains unchanged.

For further information, refer to www.android.com/auto/ (U.S. Residents) or https://www.android.com/intl/en_ca/auto/ (Canadian Residents).

For further information on the navigation function, please refer to <https://support.google.com/android> or <https://support.google.com/androidauto/>.

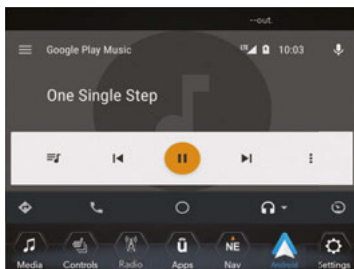


Music

Android Auto allows you to access and stream your favorite music with apps like Google Play Music, iHeartRadio, and Spotify. Using your smartphone's data plan, you can stream endless music on the road.

NOTE:

For music apps, playlists, and stations to work with Android Auto, they must be set up on your smartphone before using Android Auto.



Android Auto Music

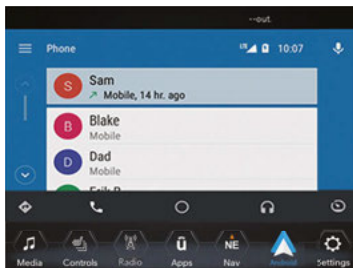
NOTE:

To see the metadata for the music playing through Android Auto, select the Uconnect System's media screen.

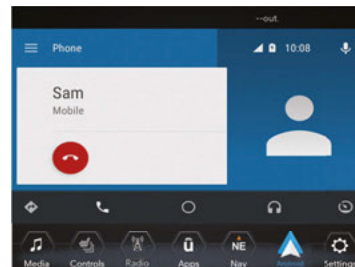
For further information refer to <https://support.google.com/androidauto>.

Communication

With Android Auto connected, press and hold the VR button on the steering wheel to activate voice recognition specific to the Android Auto. This will allow you to send and reply to text messages, have incoming text messages read out loud, and place and receive hands-free calls.



Android Auto Contact



Android Auto Phone

Apps

The Android Auto App will display all the compatible apps that are available to use with Android Auto, every time it is launched. You must have the compatible app downloaded, and you must be signed in to the app for it to work with Android Auto. Refer to g.co/androidauto to see the latest list of available apps for Android Auto.

Apple CarPlay Integration – If Equipped

NOTE:

Feature availability depends on your carrier and mobile phone manufacturer. Some Apple CarPlay features may or may not be available in every region and/or language.

Uconnect works seamlessly with Apple CarPlay, the smarter, more secure way to use your iPhone in the car, and stay focused on the road. Use your Uconnect Touchscreen display, the vehicle's knobs and controls, and your voice with Siri to get access to Apple Music, Maps, Messages, and more.

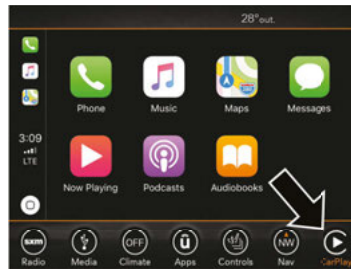
To use CarPlay, make sure you are using iPhone 5 or later, have Siri enabled in Settings, that your iPhone is unlocked for the very first connection only, and then use the following procedure:

1. Connect your iPhone to one of the media USB ports in your vehicle.

NOTE:

Be sure to use the factory-provided Lightning cable that came with your phone, as aftermarket cables may not work.

2. Once the device is connected, the system displays the CarPlay home screen. Apple CarPlay automatically launches, but if not, refer to the Uconnect Owner's Manual Supplement for the procedure to enable the feature "AutoShow." You can also launch it by pressing the CarPlay icon located in the "Apps" menu. If you use Apple CarPlay frequently you can move the app to the menu bar at the bottom of the touchscreen. Press the "Apps" button and locate the CarPlay app; then drag and drop the selected App to replace an existing shortcut in the main menu bar.



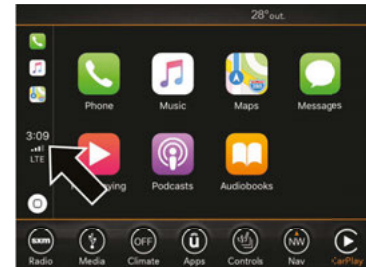
CarPlay

Once CarPlay is up and running on your Uconnect system, the following features can be utilized using your iPhone's data plan:

- Phone
- Music
- Messages
- Maps

NOTE:

To use 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 radio screen.



CarPlay Data And Cellular Coverage



NOTE:

Requires compatible iPhone. See dealer for phone compatibility. Data plan rates apply. Vehicle user interface is a product of Apple. Apple CarPlay is a trademark of Apple Inc. iPhone is a trademark of Apple Inc., registered in the US and other countries. Apple terms of use and privacy statements apply.

Phone

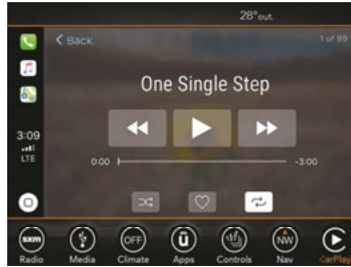
With CarPlay, press and hold the VR button on the steering wheel to activate a Siri voice recognition session. You can also press and hold the Home button within CarPlay to start talking to Siri. This allows you to make calls or listen to voice mail as you normally would using Siri on your iPhone.

NOTE:

Only temporarily pushing the VR button on the steering wheel launches a built-in VR session, not a Siri session, and it will not function with CarPlay.

Music

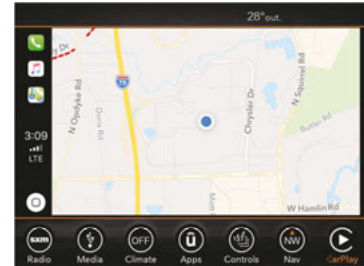
CarPlay allows you to access all your artists, playlists, and music from iTunes. Using your iPhone's data plan, you can also use select third party audio apps including music, news, sports, podcasts and more.

**Apple Music****Messages**

Just like your iPhone, CarPlay allows you to use Siri to send or reply to text messages. Since everything is done by voice, Siri can also read incoming text messages so you don't have to.

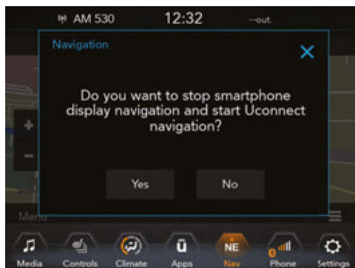
Maps

To use your Apple Maps for navigation on your Uconnect system, launch CarPlay, and push and hold the VR button on the steering wheel to use Siri to set your desired destination. Alternatively, choose a Nearby destination by pressing Destinations and selecting a category, by launching Siri from the destinations page, or even by typing in a destination.

**Maps****NOTE:**

- If the VR button is not held, and is only pushed, the built-in Uconnect VR prompts you and any navigation command said launches the built-in Uconnect navigation system.

- If you are using the built-in Uconnect navigation system, and you try and start a new route using CarPlay, via voice or any other method, a pop-up appears asking if you would like to switch from Uconnect navigation to iPhone navigation. A pop-up also appears, asking if you'd like to switch, if CarPlay navigation is currently in use and you attempt to launch a built-in Uconnect route. Selecting “Yes” switches the navigation type to the newly used method of navigation and a route will be planned for the new destination. If “No” is selected the navigation type remains unchanged.



Navigation Pop-Up

Apps

To use an app that is compatible with CarPlay, you must have the compatible app already downloaded to your iPhone and you must also be signed in. Refer to <http://www.apple.com/ios/carplay/> (U.S. Residents) or <https://www.apple.com/ca/ios/carplay/> (Canadian Residents) to see the latest list of available apps for CarPlay.

UCONNECT SETTINGS

The Uconnect system allows you to access Customer Programmable feature settings such as Language, Display, Units, Voice, Clock, Camera (If Equipped), Safety & Driving Assistance, Mirrors & Wipers (If Equipped), Brakes, Lights, Doors & Locks, Auto-On Comfort, Engine Off Options, Compass Settings (If Equipped), Audio, Phone/Bluetooth, SiriusXM Setup, Restore Settings and Clear Personal Data (If Equipped) through buttons on the touchscreen.

Push the SETTINGS button (Uconnect 4), or press the “Apps” button (Uconnect 4C/4C NAV) located near the bottom of the touchscreen, then press the “Settings” button on

the touchscreen to access the Settings screen. When making a selection, scroll up or down until the preferred setting is highlighted, then press the preferred setting until a check-mark appears next to the setting, showing that setting has been selected. The following feature settings are available:

- Language
- Display
- Units
- Voice
- Clock & Date
- Camera (If Equipped)
- Safety/Assistance
- Mirrors & Wipers (If Equipped)
- Brakes
- Lights
- Doors & Locks
- Engine Off Options
- Compass Setting (If Equipped)
- Audio
- Phone/Bluetooth
- SiriusXM Setup — If Equipped
- Restore Settings
- Clear Personal Data

NOTE:

Depending on the vehicles options, feature settings may vary.



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

TIPS CONTROLS AND GENERAL INFORMATION

Steering Wheel Audio Controls

The steering wheel audio controls are located on the rear surface of the steering wheel.



Steering Wheel Audio Controls

Left Switch

- Push the switch up or down to search for the next listenable station or select the next or previous Media track.
- Push the button in the center to select the next preset station on the radio.

Right Switch

- Push the switch up or down to increase or decrease the volume.
- Push the button in the center to change the source (AM, FM, SXM, Bluetooth, etc.)

Reception Conditions

Reception conditions change constantly while driving. Reception may be interfered with by the presence of mountains, buildings or bridges, especially when you are far away from the broadcaster.

The volume may be increased when receiving traffic alerts and news.

Care And Maintenance

Observe the following precautions to ensure the system is fully operational:

- The display lens should not come into contact with pointed or rigid objects which could damage its surface; use a soft, dry, anti-static cloth to clean and do not press.
- Never use alcohol, gas and derivatives to clean the display lens.
- Prevent any liquid from entering the system: this could damage it beyond repair.

Anti-Theft Protection

The system is equipped with an anti-theft protection system based on the exchange of information with the electronic control unit (Body Computer) on the vehicle. This guarantees maximum safety.

If the check has a positive outcome, the system will start to operate. See an authorized dealer for further information.

SIRIUSXM GUARDIAN — IF EQUIPPED

SiriusXM Guardian — If Equipped
(Available on Uconnect 4C/4C NAV With 8.4-inch Display)

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.


SiriusXM Guardian enhances your ownership and driving experience. When connected to an operable network, you can:

- Place a SOS Call to a SiriusXM Guardian operator who can connect you to emergency responders.
- Remotely lock/unlock your doors and start your vehicle from virtually anywhere, using the Uconnect App from your device. You can also do so by logging into your owner site, or by calling SiriusXM Guardian Care when your vehicle has an operable network connection. Services can only be used where coverage is available.
- Receive text or email notifications if your vehicle's security alarm goes off.
- Receive stolen vehicle assistance, using GPS technology to help authorities locate your vehicle if it is stolen.
- Get operator assistance using the ASSIST button on your interior rearview mirror.

Before you drive, familiarize yourself with the easy-to-use SiriusXM Guardian services.

1. The ASSIST and SOS Call buttons are located on your rearview mirror. The ASSIST button is used for contacting Roadside Assistance, Vehicle Care, SiriusXM Guardian Care, and Uconnect Care. The SOS Call button connects you to a

SiriusXM Guardian Care Agent, who can connect you to emergency services.

2. The Uconnect “Apps ” button is located in the center of the menu bar of the radio touchscreen. This is where you can manage your Apps.
3. The Uconnect Voice Command and Uconnect Phone buttons are located on the left side of your steering wheel. These buttons let you use your voice to give commands, make phone calls, send and receive text messages, enter navigation destinations, and control your radio and media devices.

Included Trial Period For New Vehicles

Your new vehicle may come with an included trial period for use of the SiriusXM Guardian services starting at the date of vehicle purchase (date based on vehicle sales notification from your dealer). **To activate the trial, you must first register with SiriusXM Guardian.** After the trial period, if you wish to continue your SiriusXM Guardian services you can choose to purchase a subscription.



NOTE:

You can check UconnectPhone.com for system and device compatibility.

SiriusXM Guardian Activation

To unlock the full potential of SiriusXM Guardian in your vehicle, you must activate your SiriusXM Guardian services.

1. Press the Apps icon on the bottom of your in-vehicle touchscreen.
2. Select the Activate Services icon from your list of apps.
3. Select “Customer Care” to speak with a SiriusXM Guardian Customer Care agent who will activate services in your vehicle, or select “Enter Email” to activate on the web.

Why sign up for SiriusXM Guardian? Here are just a few examples of things you’ll be able to do:

- Know that help, if you need it, is only a button press away with Assist.
- Lock and unlock your vehicle doors from hundreds of miles away.

- Find your vehicle, no matter where you parked, using the convenient Vehicle Finder function.
- Use Send & Go to send a navigation route from your mobile phone to your vehicle’s navigation system.

For further information.:

- U.S. residents visit:
www.siriusxm.com/guardian
- Canadian residents visit:
www.siriusxm.ca/guardian

Download The Uconnect App

You’re only a few steps away from using remote commands and other valuable services.



Mobile App

To use the Uconnect App:

- Search for and download the Uconnect App from the store on your compatible iPhone or Android powered device.
- Log in to the app using the email address and password you created when you activated the services.
- Press the “Remote” button on the bottom menu bar of the app to Lock/Unlock, Remote Start (if equipped), and activate your horn and lights remotely.

- Press the “Location” button on the bottom menu bar of the app to bring up a map to locate your vehicle or send a location to your vehicle’s navigation system.

- Press the menu button (three horizontal lines) in the upper left corner of the app to access settings and support information.

Renewing Subscriptions (Uconnect 4C/4C NAV With 8.4-inch Display)

Subscriptions can be purchased online by logging into your owner account. If you need help push the ASSIST button on the rearview mirror, then select SiriusXM Guardian Care or:

- U.S. residents dial:1-844-796-4827
- Canadian residents dial:1-877-324-9091

Maintaining Your SiriusXM Guardian Account

Selling Your Vehicle

When you sell your vehicle, we recommend that you remove your SiriusXM Guardian Account information from the vehicle. You can do this by pressing the ASSIST button in your vehicle and selecting SiriusXM Guardian, or call:

- U.S. residents:1-844-796-4827
- Canadian residents:1-877-324-9091

Built-In Features

WARNING!

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

WARNING!

- ALWAYS obey traffic laws and pay attention to the road. Some features are limited while the vehicle is in motion. Some services, including SOS, will NOT work without a subscription and an operable network connection.
- Ignoring the rearview mirror light could mean you may not have SOS Call service if needed. If the rearview mirror light is illuminated, have an authorized dealer service the SOS Call system immediately.
- The Occupant Restraint Controller (ORC) turns on the Air Bag Warning Light on the instrument panel if a malfunction is detected in any part of the airbag system. If the Air Bag Warning Light is illuminated, the air bag system may not be working properly and the SOS Call system may not send a signal to a SOS Call operator if an air bag is deployed. If the Air Bag Warning Light is illuminated, have an authorized dealer service your vehicle immediately.



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 a SOS Call operator. All occupants should exit the vehicle immediately and move to a safe location.
- The SOS Call system is embedded into the vehicle's electrical system. Do not add aftermarket electrical equipment to the vehicle's electrical system. This may prevent your vehicle from sending a signal to initiate an emergency call. To avoid interference that can cause the SOS Call system to fail, never add aftermarket equipment (e.g., two-way mobile radio, CB radio, data recorder, etc.) to your vehicle's electrical system or modify the antennas on your vehicle.
- IF YOUR VEHICLE LOSES BATTERY POWER FOR ANY REASON (INCLUDING DURING OR AFTER AN ACCIDENT), the Uconnect features, apps, and SiriusXM Guardian services, among others, will not operate.

NOTE:

Your vehicle may be transmitting data as authorized by the subscriber.

1. **ASSIST Call (4C/4C NAV) — If Equipped** — The overhead console contains an ASSIST button, allowing you to speak to a call center agent for support:

**Assist And SOS**

- 1 — SOS Button
2 — ASSIST Button

- **Roadside Assistance Call** — If you get a flat tire, or need a tow, you'll be connected to someone who can help anytime. Additional fees may apply. Additional information in this section.

- **Uconnect Care** — In vehicle support for Uconnect Apps and Features.
- **SiriusXM Guardian Care** — In vehicle support for SiriusXM Guardian services.
- **Vehicle Care** — Total support for your FCA US LLC vehicle.

NOTE:

In order to provide SiriusXM Guardian Services to you, we may record and monitor your conversations with Roadside Assistance, Uconnect Care, SiriusXM Guardian Care, or Vehicle Care, whether such conversations are initiated through the SiriusXM Guardian services in your vehicle, your device, or via a landline device, and may share information obtained through such recording and monitoring in accordance with regulatory requirements. You acknowledge, agree, and consent to any recording, monitoring or sharing of information obtained through any such call recordings.

2. **Emergency SOS Call (If Equipped)** — The overhead console contains a SOS Call button that, when pressed, may place a call from your vehicle to a SiriusXM Guardian Care operator, who can connect you to emergency service operators, to request help from local police, fire or ambulance personnel. If this button is accidentally pressed, you will have ten seconds to stop the call. To cancel, press the SOS Call button again or press the “Cancel” button shown on the touchscreen. After ten seconds has passed, the SOS call will be placed and only the SOS Call operator can cancel it. The LED light on the rearview mirror will turn green once a connection to a SOS Call operator has been made. The green LED light will turn off once the SOS Call is terminated. Have an authorized dealer service the vehicle if the rearview mirror light is continuously red. On equipped vehicles, this feature requires a functioning electrical system, a subscription, and an operable network connection. **If a connection is made between a SOS Call operator and your vehicle, you understand and agree that SOS Call**

operators will stay on the line, even after you connect with emergency services. The Emergency services operator may, like any other emergency call, record conversations and sounds in and near your vehicle upon connection.

3. **Theft Alarm Notification — If Equipped** — The Theft Alarm Notification feature notifies you via email or text (SMS) message when the vehicle’s factory-installed security alarm system has been triggered. There are a number of reasons why your alarm may have been triggered, one of which could be that your vehicle was stolen. If so, please see the details of the Stolen Vehicle Assistance service below. When activated, Theft Alarm Notification is automatically set to send you an email at the email address you provide should the alarm go off. You may also opt to have a text message sent to your device.

4. **Stolen Vehicle Assistance** — If your vehicle is stolen, contact local law enforcement immediately to file a stolen vehicle report. Once this report has been filed, SiriusXM Guardian Care can help locate your vehicle. The SiriusXM Guardian Care agent

will ask for the stolen vehicle report number issued by local law enforcement. As long as your vehicle has a SiriusXM Guardian subscription and an operable network connection, the agent may be able to locate the stolen vehicle and work with law enforcement to help recover it. Your vehicle must have an operable network connection and must be registered with SiriusXM Guardian with an active subscription that includes the applicable feature.

5. **4G Wi-Fi Hotspot — If Equipped** — Allows you and your passengers to connect their portable devices to the built-in 4G Wi-Fi capabilities of your Uconnect system. Purchasing 4G Wi-Fi Hotspot requires the use of an Internet-enabled portable device.

NOTE: Uconnect offers a complimentary 3-month trial period that includes 1GB of total data. The trial can be activated any time within the first year of new vehicle ownership.



- a. To start, the **Enable Wi-Fi Hotspot** box should be un-checked.
- b. Select the **Wi-Fi Hotspot Setup** option from the touchscreen to locate your Hotspot Name and Password. Make note of this information.
- c. Tap the Back Arrow to return to the main Wi-Fi Hotspot page, then check the box to **Enable Wi-Fi Hotspot**.
- d. From your portable device Wi-Fi settings menu, select the Hotspot Name from the list of available networks and enter the provided Password.
- e. Open the web browser on your portable device and enter the following web address: <https://myvehicle.att.com/#/login>.
- f. Create a myVehicle account or log in to your existing one.
- g. Select and purchase the desired subscription option. The Wi-Fi Hotspot will activate after a few minutes.

For additional assistance, call AT&T Customer Care at: 866-595-1330.

NOTE:

Your vehicle must have a working electrical system for any of the in-vehicle SiriusXM Guardian services to operate.

SiriusXM Guardian Remote Features

If you own a compatible iPhone or Android powered device, the Uconnect App allows you to remotely lock or unlock your doors, start your engine or activate your horn and lights from virtually anywhere. Your vehicle must be equipped with remote start, must have a SiriusXM Guardian subscription, and must have an operable network connection. Services can only be used where coverage is available. You can download the App from Mopar Owner Connect or from the App Store (iPhone) or Google Play Store (Android). Visit UconnectPhone.com to determine if your device is compatible. For Uconnect Phone customer support and to determine if your device is compatible.

Please visit UconnectPhone.com or for U.S. residents call 1-877-855-8400.

Canadian residents call: 1-800-465-2001 (English) or call: 1-800-387-9983 (French).

Remote Start (If Equipped) — This feature provides the ability to start the engine on your vehicle, without the keys and from virtually any distance. You can send a request to your vehicle in one of two ways:

1. Using the Uconnect App from a compatible device.
2. From the Mopar Owner Connect website.
 - After 15 minutes if you have not entered your vehicle with the key, the engine will shut off automatically.
 - You can also send a command to turn-off an engine that has been remote started.
 - This remote function requires your vehicle to be equipped with a factory-installed Remote Start system. To utilize this feature after the Uconnect App is downloaded, login with your user name and password.

You will need your four digit SiriusXM Guardian Security PIN to confirm the request. Press the “remote start” icon on your Uconnect App to remotely start the vehicle.

You can set-up notifications for your account to receive an email or text (SMS) message every time a command is sent. Login to Mopar Owner Connect at mopar.com and click on Edit Profile to manage SiriusXM Guardian Notifications.

Remote Door Lock/Unlock — If Equipped —

This feature provides the ability to lock or unlock the door on your vehicle, without the keys and from virtually any distance. You can send a request to your vehicle in one of three ways:

1. Using the Uconnect App from a compatible device.
2. From the Mopar Owner Connect website.
3. By contacting SiriusXM Guardian Care on the phone.

To use this feature after the Uconnect App is downloaded, login using your user name and password. You will need your four digit SiriusXM Guardian Security PIN to confirm the request. Press the “closed lock” icon on your Uconnect App to lock the doors, and press the “open lock” icon to unlock the driver’s door.

You can set-up notifications for your account to receive an email or text (SMS) message every time a command is sent. Login to Mopar Owner Connect at mopar.com and click on Edit Profile to manage SiriusXM Guardian Notifications.

Remote Horn And Lights — If Equipped —

It’s easy to locate a vehicle in a dark, crowded or noisy parking area by activating the horn and lights. It may also help if you need to draw attention to your vehicle for any reason. You can send a request to your vehicle in one of three ways:

1. Using the Uconnect App from a compatible device.
2. From the Mopar Owner Connect website.
3. By contacting the SiriusXM Guardian Care on the phone.

To use this feature after the Uconnect App is downloaded, login using your user name and password. You will need your four digit SiriusXM Guardian Security PIN to confirm the request. You can set-up notifications for your account to receive an email or text (SMS) message every time a command is

sent. Login to Mopar Owner Connect at mopar.com and click on Edit Profile to manage SiriusXM Guardian Notifications.

Vehicle Finder—If Equipped

The Vehicle Finder feature of the Uconnect Mobile App allows you to find the location of your vehicle when you can't remember where it's parked. You can also sound the alarm and flash the lights to make finding your vehicle even easier.

To find your vehicle:

1. Press the “Location” tab on the Uconnect Mobile App bottom bar.
2. Select the “Vehicle” icon to determine the location of your vehicle.
3. Select the “Find Route” button that appears, once your vehicle is located.
4. Select your preferred Navigation App to route a path to your vehicle.



Send & Go

The Send & Go feature of the Uconnect Mobile App allows you to search for a destination on your mobile device and then send the route to your vehicle's Uconnect Navigation system.

To send a navigation route to your vehicle:

1. Press the “Location” tab on the Uconnect Mobile App bottom bar.
2. Either type in the destination you would like to navigate to, or search through one of the categories provided.
3. Select the destination you want to route to from the list that appears.
4. Press the “Send To Vehicle” button, and then confirm the destination by pressing “Yes,” to send the navigation route to the Uconnect Navigation in your vehicle.
5. Finally, confirm the route inside your vehicle by pressing the “Go Now” option on the pop-up that appears on the touchscreen, when the vehicle is started.

USB/MEDIA PLAYER CONTROL — IF EQUIPPED

This feature allows an external device to be plugged into the USB port or AUX Jack.



Front USB Port And AUX Jack

- 1 — USB Port
- 2 — AUX Jack

Located below the heating ventilation and air conditioning controls is the front USB port and AUX jack.

Refer to the Uconnect Owner's Manual Supplement for external USB support capability.

Rear Center Console USB Port

Located on the rear of the center console is a second USB port.

NOTE:

Depending on vehicle configuration, the USB port may be charge only, or media file capable.



Rear Center Console USB (Charge Only) Port — If Equipped

NAVIGATION — IF EQUIPPED

- The information in the section below is only applicable if you have the Uconnect 4C NAV With 8.4-inch Display system.

Press the “Nav” button on the touchscreen in the menu bar to access the Navigation system.

Changing The Navigation Voice Prompt Volume

Changing The Navigation Voice Prompt Volume

1. Press the “Settings” button on the touchscreen in the lower right area of the screen.
2. In the Settings menu, press the “Guidance” button on the touchscreen.
3. In the Guidance menu, adjust the Nav Volume by pressing the “+” or “-” buttons on the touchscreen.





Uconnect 4C NAV With 8.4-inch Display Navigation

- 1 — Search For A Destination In All Categories
- 2 — Find A Destination
- 3 — View Map
- 4 — Navigate To Saved Home Destination

- 5 — Navigate To Saved Work Destination
- 6 — Navigation Settings
- 7 — Emergency
- 8 — Information

Finding Points Of Interest

- From the main Navigation menu, press the “Where To?” button on the touchscreen, then press the “Points of Interest” button on the touchscreen.
- Select a category and then a subcategory, if necessary.
- Select your destination and press the “GO!” button on the touchscreen.

Finding A Place By Spelling The Name

- From the Main Navigation Menu press the “Where to?” button on the touchscreen, press the “Points of Interest” button on the touchscreen, then press the “Spell Name” or “Search All” button on the touchscreen.
- Enter the name of your destination.
- Press the “List” or “OK” button on the touchscreen.
- Select your destination and press the “GO!” button on the touchscreen.

One-Step Voice Destination Entry

- Enter a navigation destination without taking your hands off the wheel.
- Just push the Uconnect Voice Command (UVR button on the steering wheel, wait for the beep and say something like, “**Find Address** 800 Chrysler Drive Auburn Hills MI.”

NOTE:

Using your touchscreen’s keyboard is not available while your vehicle is in motion. However, you can also use Voice Commands to enter an address while moving. Refer to “Uconnect Voice Recognition Quick Tips” in this section for further information.

Setting Your Home Location

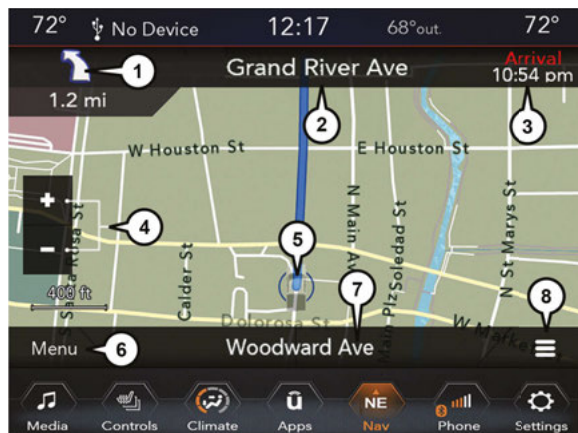
- To add a Home location, press the “Nav” button on the touchscreen in the menu bar to access the Navigation system and the Main Navigation menu.
- Press the “Home” button on the touchscreen. You can add a Home location by either selecting “Spell City,” “Spell Street,” or “Select Country.” Select County is automatically filled out based on your state.

- Once you have entered your Home location, select the “Save Home” button located on the lower left-hand side of your touchscreen.
- To delete a saved Home location (or other saved locations), so you can save a new Home location, press the “Nav” button on the touchscreen, and in the “Where To” screen, press “Edit Where To” and then press the “Home” button on the touchscreen. Under the Manage screen press the “Reset Location” button. A confirmation screen will appear asking if you “Are you sure you want to reset this location?” Press “Reset” to confirm the deletion. Set a new Home location by following the previous instructions.

Home

- A Home location must be saved in the system. From the Main Navigation menu, press the “Home” button on the touchscreen.





Uconnect 4C NAV With 8.4-inch Display Map

- 1 — Distance To Next Turn
- 2 — Next Turn Street
- 3 — Estimated Time Of Arrival
- 4 — Zoom In And Out

- 5 — Your Location On The Map
- 6 — Navigation Main Menu
- 7 — Current Street Location
- 8 — Navigation Routing Options

Your route is marked with a blue line on the map. If you depart from the original route, your route is recalculated. A speed limit icon could appear as you travel on major roadways.

Adding A Stop

- To add a stop you must be navigating a route.
- Press the “Menu” button on the touchscreen to return to the Main Navigation menu.
- Press the “Where To?” button on the touchscreen, then search for the extra stop. When another location has been selected, you can choose to cancel your previous route, add as the first destination or add as the last destination.
- Press the desired selection and press the “GO!” button on the touchscreen.

Taking A Detour

- To take a detour you must be navigating a route.
- Press the “Detour” button on the touchscreen.

NOTE:

If the route you are currently taking is the only reasonable option, the device may not calculate a detour. For more information, see your Uconnect Owner's Manual Supplement.

SiriusXM Traffic Plus (4C NAV With 8.4-inch Display)

Don't Drive Through Traffic. Drive Around It.

Avoid congestion before you reach it. By enhancing your vehicle's navigation system with the ability to see detailed traffic information, you can pinpoint traffic incidents, determine average traffic speed and estimate travel time along your route. Since the service is integrated with a vehicle's navigation system, SiriusXM Traffic Plus can help drivers pick the fastest route based on traffic conditions.

- Detailed information on traffic speed, accidents, construction, and road closings.
- Traffic information from multiple sources, including police and emergency services, cameras and road sensors.
- Coast-to-coast delivery of traffic information.

- View conditions for points along your route and beyond. Available in over 130 markets.

SiriusXM Travel Link (4C NAV With 8.4-inch Display)

In addition to delivering over 130 channels of the best sports, entertainment, talk, and commercial-free music, SiriusXM offers premium data services that work in conjunction with compatible navigation systems. SiriusXM Travel Link brings a wealth of useful information into your vehicle and right to your fingertips.

- **Fuel Prices** — Check local gas and diesel prices in your area and route to the station of your choice.
- **Movie Listings** — Check local movie theatres and listings in your area and route to the theater of your choice.
- **Sports Scores** — In-game and final scores as well as weekly schedules.
- **Weather** — Check a variety of local and national weather information from radar maps to current and 5-day forecast.



SiriusXM Travel Link feature is completely integrated into your vehicle. A few minutes after you start your vehicle, Travel Link information arrives and updates in the background. You can access the information whenever you like, with no waiting.

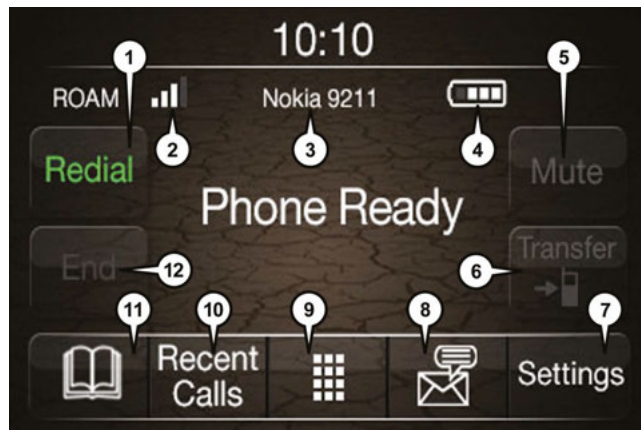
To access SiriusXM Travel Link, press “Apps” button on the touchscreen, then press the “SiriusXM Travel Link” button on the touchscreen.

NOTE:

SiriusXM Travel Link requires a subscription, sold separately after the trial subscription included with your vehicle purchase.

UCONNECT PHONE

Uconnect Phone (Bluetooth Hands Free Calling)



Uconnect 3 With 5-inch Display Radio Phone Menu

- 1 — Call/Redial/Hold
- 2 — Mobile Phone Signal Strength
- 3 — Currently Paired Mobile Phone
- 4 — Mobile Phone Battery Life
- 5 — Mute Microphone
- 6 — Transfer To/From Uconnect System

- 7 — Uconnect Phone Settings Menu
- 8 — Text Messaging
- 9 — Direct Dial Pad
- 10 — Recent Call Log
- 11 — Browse Phone Book
- 12 — End Call





Uconnect 4 With 7-inch Display Radio Phone Menu

- 1 — Favorite Contacts
- 2 — Mobile Phone Battery Life
- 3 — Currently Paired Mobile Phone
- 4 — Siri
- 5 — Mute Microphone
- 6 — Transfer To/From Uconnect System
- 7 — Conference Call*
- 8 — Phone Settings
- 9 — Text Messaging**
- 10 — Direct Dial Pad

- 11 — Recent Call Log
- 12 — Browse Phone Book Entries
- 13 — End Call
- 14 — Call/Redial/Hold
- 15 — Do Not Disturb
- 16 — Reply With Text Message

* — Conference call feature only available on GSM mobile devices

** — Text messaging feature not available on all mobile phones (requires Bluetooth MAP profile)



Uconnect 4C/4C NAV With 8.4-inch Display Radio Phone Menu

- 1 — Currently Paired Mobile Phone
- 2 — Mobile Phone Signal Strength
- 3 — Do Not Disturb
- 4 — Reply with Text Message**
- 5 — Current Phone Contact's Name
- 6 — Conference Call*
- 7 — Phone Pairing
- 8 — Text Messaging Menu**
- 9 — Direct Dial Pad
- 10 — Contact Menu


- 11 — Recent Call Log
- 12 — Favorite Contacts
- 13 — Mute Microphone
- 14 — Decline Incoming Call
- 15 — Answer/Redial/Hold
- 16 — Mobile Phone Battery Life
- 17 — Transfer To/From Uconnect System

* — Conference call feature only available on GSM mobile devices
 ** — Text messaging feature not available on all mobile phones (requires Bluetooth MAP profile)



The Uconnect Phone feature enables you to place and receive hands-free mobile phone calls. Drivers can also place mobile phone calls using their voice or by using the buttons on the touchscreen (see Voice Command section).

The hands-free calling feature is made possible through Bluetooth technology — the global standard that enables different electronic devices to connect to each other wirelessly.

If the Uconnect Phone Button  exists on your steering wheel, you then have the Uconnect Phone features.

NOTE:

- The Uconnect Phone requires a mobile phone equipped with the Bluetooth Hands-Free Profile, Version 1.0 or higher.
- Most mobile phones/devices are compatible with the Uconnect system, however some mobile phones/devices may not be equipped with all of the required features to utilize all of the Uconnect system features.

- For Uconnect Customer Care:
- U.S. residents visit UconnectPhone.com or call 1-877-855-8400.

Pairing (Wirelessly Connecting) Your Mobile Phone To The Uconnect System

Mobile phone pairing is the process of establishing a wireless connection between a cellular phone and the Uconnect system.

NOTE:

- To use the Uconnect Phone feature, you first must determine if your mobile phone and software are compatible with the Uconnect system. Please visit UconnectPhone.com for complete mobile phone compatibility information.
- Mobile phone pairing is not available while the vehicle is in motion.
- A maximum of ten mobile phones can be paired to the Uconnect system.

Start Pairing Procedure On The Radio

Uconnect 3 With 5-inch Display:



Uconnect 3

1. Place the ignition in the ACC or ON position.
2. Press the “Phone” button.
3. Select “Settings.”
4. Select “Paired Phones.”
5. Select “Add device.”
 - Uconnect Phone will display an “In progress” screen while the system is connecting.

Uconnect 4 With 7-inch Display:



Uconnect 4

1. Place the ignition in the ACC or ON position.
2. Press the “Phone” button in the Menu Bar on the touchscreen. A message will display asking “No phone connected. Do you want to pair a phone?” Select Yes.
3. After selecting “Yes,” go through the steps to pair your phone using your Bluetooth connectivity.
4. Once pairing is successful, a message will display asking, “Make this your Favorite?” Then select Yes or No.

Uconnect 4C/4C NAV With 8.4-inch Display:



Uconnect 4C/4C NAV

1. Place the ignition in the ACC or ON position.
2. Press the “Phone” button in the Menu Bar on the touchscreen.
 - A message will display asking, “No Phone Connected. Would you like to pair a phone?” Select Yes. After pressing Yes, the radio prompts will take you through the steps to connect your phone via Bluetooth.
 - Uconnect Phone will display an “In progress” screen while the system is connecting. Once the pairing has been

successful, a message will display “Bluetooth pairing successful: The device supports Phone and Audio.” Click “OK.”

3. Select “Settings.”
4. Select “Phone/Bluetooth,” and then select “Paired Phones and Audio Devices.”
5. The “Add Device” option will be listed under the “Paired Phones” section.

Pair Your iPhone:



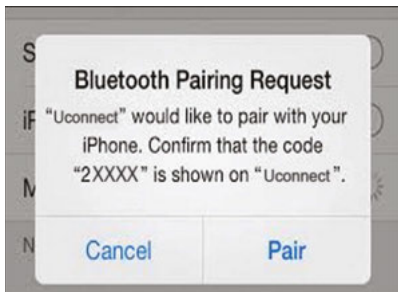
Bluetooth On/Uconnect Device



To search for available devices on your Bluetooth enabled iPhone:

1. Press the Settings button.
2. Select Bluetooth.
 - Ensure the Bluetooth feature is enabled. Once enabled, the mobile phone will begin to search for Bluetooth connections.
3. When your mobile phone finds the Uconnect system, select "Uconnect".

Complete The iPhone Pairing Procedure:



Pairing Request

When prompted on the mobile phone, accept the connection request from Uconnect Phone.

NOTE:

Some mobile phones will require you to enter the PIN number.

Select The iPhone's Priority Level

When the pairing process has successfully completed, the system will prompt you to choose whether or not this is your favorite mobile phone. Selecting "Yes" will make this mobile phone the highest priority. This mobile phone will take precedence over other paired mobile phones within range and will connect to the Uconnect system automatically when entering the vehicle. Only one mobile phone and/or one Bluetooth audio device can be connected to the Uconnect system at a time. If "No" is selected, simply select "Uconnect" from the mobile phone/audio device Bluetooth screen, and the Uconnect system will reconnect to the Bluetooth device.

Pair Your Android Device:



Uconnect Device

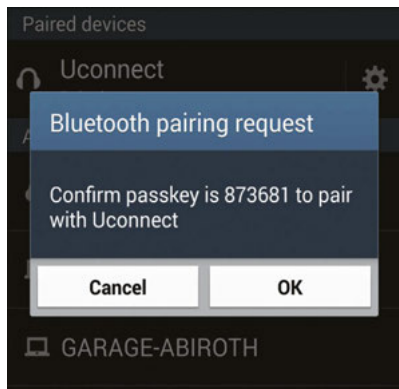
To search for available devices on your Bluetooth enabled Android Device:

1. Push the Menu button.
2. Select Settings.
3. Select Connections.
4. Turn Bluetooth setting to "On."
 - Ensure the Bluetooth feature is enabled. Once enabled, the mobile phone will begin to search for Bluetooth connections.

5. Once your mobile phone finds the Uconnect system, select “Uconnect”.

- You may be prompted by your mobile phone to download the phonebook, check “Do Not Ask Again” to automatically download the phonebook. This is so you can make calls by saying the name of your contact.

Complete The Android Pairing Procedure:



Pairing Request

Confirm the passkey shown on the mobile phone matches the passkey shown on the Uconnect system then accept the Bluetooth pairing request.

NOTE:


Some mobile phones require the PIN to be entered manually, enter the PIN number shown on the Uconnect screen.

Select The Android Mobile Phone's Priority Level

When the pairing process has successfully completed, the system will prompt you to choose whether or not this is your favorite mobile phone. Selecting “Yes” will make this mobile phone the highest priority. This mobile phone will take precedence over other paired mobile phones within range and will connect to the Uconnect system automatically when entering the vehicle. Only one mobile phone and/or one Bluetooth audio device can be connected to the Uconnect system at a time. If “No” is selected, simply select “Uconnect” from the mobile phone/audio device Bluetooth screen, and the Uconnect system will reconnect to the Bluetooth device.

NOTE:

Keep in mind that software updates, either on your phone or Uconnect system, may interfere with the Bluetooth connection. If this happens, simply repeat the pairing process. However, first, make sure to delete the device from the list of phones on your Uconnect system. Next, be sure to remove Uconnect from the list of devices in your phone's Bluetooth settings.

You are now ready to make hands-free calls. Press the Uconnect “Phone” button  on your steering wheel to begin.

NOTE:

Refer to UconnectPhone.com or www.DriveUconnect.com (U.S. Residents) or www.DriveUconnect.ca (Canadian Residents) or an authorized dealer for additional information on mobile phone pairing and for a list of compatible phones.

Common Phone Commands (Examples)

- “Call John Smith”
- “Call John Smith mobile”



- “Dial 1 248 555 1212”
- “Redial”

Mute (Or Unmute) Microphone During Call

- During a call, press the “Mute” button on the Phone main screen, that appears only when a call is in progress, to mute and unmute the call.

Transfer Ongoing Call Between Handset And Vehicle

- During an on-going call, press the “Transfer” button on the Phone main screen to transfer an on-going call between handset and vehicle.


Phonebook

The Uconnect system will automatically sync your phonebook from your paired phone, if this feature is supported by your phone. Phonebook contacts are updated each time that the phone is connected. Phonebook entries are displayed in the Contacts menu. If your phone book entries do not appear, check the settings on your phone. Some phones require you to enable this feature manually.


- Your phonebook can be browsed on the Uconnect system touchscreen, but editing can only be done on your phone. To browse, press the “Phone” button on the touchscreen, then the “Phonebook” button on the touchscreen.

Favorite phonebook entries can be saved as Favorites for quicker access. Favorites are shown in the Favorites menu.

Voice Command Tips

- Speaking complete names (i.e; Call John Doe vs. Call John) will result in greater system accuracy.
- You can “link” commands together for faster results. Say “Call John Doe, mobile,” for example.
- If you are listening to available voice command options, you do not have to listen to the entire list. When you hear the command that you need, push the  VR button on the steering wheel, wait for the beep and say your command.



Changing The Volume

- Start a dialogue by pushing the VR button , then say a command. For example, “Help”.
- Use the radio VOLUME/MUTE rotary knob to adjust the volume to a comfortable level while the Uconnect system is speaking.

NOTE:

The volume setting for Uconnect is different than the audio system.

NOTE:

To access help, push the VR button  on the steering wheel and say “help.” Push the VR button  and say “cancel” to cancel the help session.

Using Do Not Disturb

With Do Not Disturb, you can disable notifications from incoming calls and texts, allowing you to keep your eyes on the road and hands on the wheel. For your convenience, there is a counter display to keep track of your missed calls and text messages while you were using Do Not Disturb.

To activate Do Not Disturb, select “Pairing” on the phone menu bar, and select “Do Not Disturb” from the Settings menu. You can also activate it using the “Do Not Disturb” button at the top of every Phone screen.

Do Not Disturb can automatically reply with a text message, a call or both, when declining an incoming call and send it to voicemail.

Automatic reply messages can be:

- “I am driving right now, I will get back to you shortly.”
- Create a custom auto reply message up to 160 characters.

While in Do Not Disturb, Conference Call can be selected so you can still place a second call without being interrupted by incoming calls.

NOTE:

- Only the beginning of your custom message will be seen on the touchscreen.
- Reply with text message is not compatible with iPhones.

- Auto reply with text message is only available on phones that supporting Bluetooth MAP.

Incoming Text Messages

After pairing your Uconnect system with a Bluetooth enabled mobile device with the Message Access Profile (MAP), the Uconnect system can announce a new incoming text message and read it to you over the vehicle’s audio system.

To listen to incoming text messages, or any messages currently on the mobile phone, select the “Messages” menu and press the “Listen” button next to the message you want to listen to.

NOTE:

Only incoming text messages received during the current ignition cycle can be viewed/read.

To Enable Incoming Text Messaging:

iPhone

1. Press the settings button on the mobile phone.
2. Select Bluetooth.

- Ensure Bluetooth is enabled, and the mobile phone is paired to the Uconnect system.

3. Select ⓘ located under DEVICES next to Uconnect.
4. Turn “Show Notifications” to on.



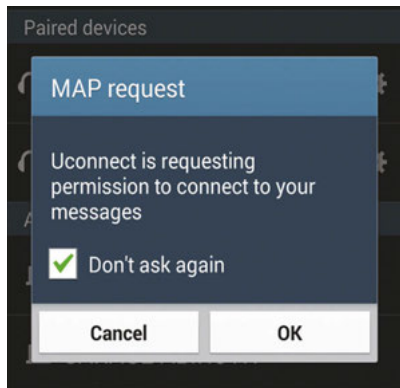
Enable iPhone Incoming Text Messages

Android Devices

1. Push the Menu button on the mobile phone.
2. Select Settings.



3. Select Connections.
4. Turn “Show Notifications” to on.
 - A pop up will appear asking you to accept a request for permission to connect to your messages. Select “Don’t ask again” and press OK.



Enable Android Device Incoming Text Messages

NOTE:

All incoming text messages received during the current ignition cycle will be deleted from the Uconnect system when the ignition is turned to the OFF position.

Helpful Tips And Common Questions To Improve Bluetooth Performance With Your Uconnect System

Mobile Phone won't reconnect to system after pairing:

- Set mobile phone to auto-connect or trusted device in mobile phone Bluetooth settings (Blackberry devices).
- Many mobile phones do not automatically reconnect after being restarted (hard reboot). Your mobile phone can still be connected manually. Close all applications that may be operating (refer to mobile phone manufacturer's instructions), and follow “Pairing (Wirelessly Connecting) Your Mobile Phone To The Uconnect System”.

- Perform a factory reset on your mobile phone. Refer to your mobile phone manufacturer or cellular provider for instructions. This should only be done as a last resort.

Mobile Phone won't pair to system:

- Delete pairing history in mobile phone and Uconnect system; usually found in phone's Bluetooth connection settings.
- Verify you are selecting “Uconnect” in the discovered Bluetooth devices on your mobile phone.
- If your vehicle system generates a pin code the default is 0000.
- Perform a hard reset in the mobile phone by removing the battery (if removable — see your mobile phone's owner manual). This should only be done as a last resort.

Mobile Phonebook didn't download:

- Check “Do not ask again,” then accept the “phonebook download” request on your mobile phone.
- Up to 5,000 contact names with four numbers per contact will transfer to the Uconnect 4C/4C NAV system phonebook.

- Up to 2,000 contact names with six numbers per contact will transfer to the Uconnect 4 system phonebook.

Can't make a conference call:

- CDMA (Code-Division Multiple Access) carriers do not support conference calling. Refer to your mobile phone user's manual for further information.

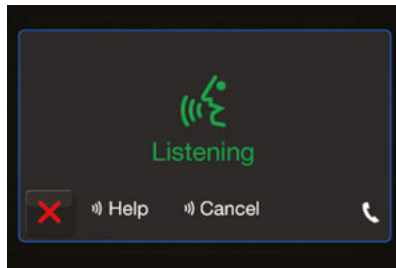
Making calls while connected to AUX:

- Plugging in your mobile phone to AUX while connected to Bluetooth will disable Hands-Free Calling. Do not make calls while your mobile phone is plugged into the AUX jack.

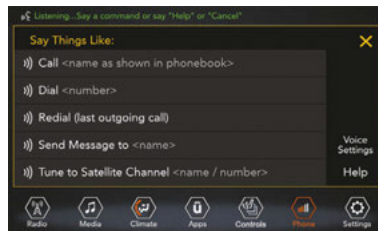
UCONNECT VOICE RECOGNITION QUICK TIPS

Introducing Uconnect

Start using Uconnect Voice Recognition with these helpful quick tips. It provides the key Voice Commands and tips you need to know to control your Uconnect 3, Uconnect 4, or Uconnect 4C/4C NAV system.



Uconnect 3



Uconnect 4



Uconnect 4C NAV

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

Get Started

All you need to control your Uconnect system with your voice are the buttons on your steering wheel.

Helpful hints for using Voice Recognition:

- Visit UconnectPhone.com to check mobile device and feature compatibility and to find phone pairing instructions.



- Reduce background noise. Wind and passenger conversations are examples of noise that may impact recognition.
- Speak clearly at a normal pace and volume while facing straight ahead. The microphone is positioned on the rearview mirror and aimed at the driver.
- Each time you give a Voice Command, you must first push either the Voice Recognition (VR) or Phone button, wait until **after** the beep, then say your Voice Command.
- You can interrupt the help message or system prompts by pushing the VR or Phone button and saying a Voice Command from the current category.




Uconnect Voice Command Buttons

- 1 — Push To Initiate Or To Answer A Phone Call, Send Or Receive A Text
 2 — For All Radios: Push To Begin Radio, Media, Or Climate Functions. For 8.4-inch System Only: Push To Begin Navigation Function
 3 — Push To End Call

Basic Voice Commands

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

Push the VR button . After the beep, say:

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


Notice the visual cues that inform you of your voice recognition system’s status. Cues appear on the touchscreen.

Radio

Use your voice to quickly get to the AM, FM or SiriusXM Satellite Radio stations you would like to hear. (Subscription or included SiriusXM Satellite Radio trial required.)

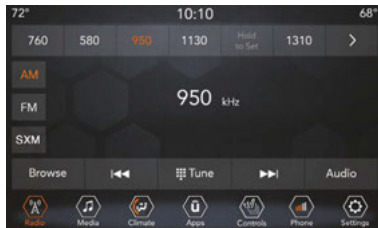
Push the VR button . After the beep, say:

- **“Tune to ninety-five-point-five FM”**
- **“Tune to Satellite Channel Hits 1”**

TIP: At any time, if you are not sure of what to say or want to learn a Voice Command, push the VR button  and say **“Help.”** The system provides you with a list of commands.



Uconnect 3 Radio




Uconnect 4 Radio



Uconnect 4C/4C NAV Radio

Media

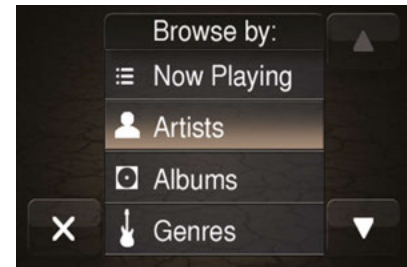
Uconnect offers connections via USB, Bluetooth and auxiliary ports (if equipped). Voice operation is only available for connected USB and AUX devices. (Remote CD player optional and not available on all vehicles.)

Push the VR button . After the beep, say one of the following commands and follow the prompts to switch your media source or choose an artist.

- **“Change source to Bluetooth”**
- **“Change source to AUX”**

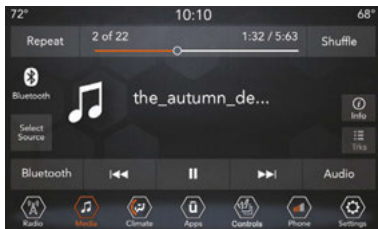
- **“Change source to USB”**
- **“Play artist Beethoven”**; **“Play album Greatest Hits”**; **“Play song Moonlight Sonata”**; **“Play genre Classical”**

TIP: Press the Browse button on the touchscreen to see all of the music on your USB device. Your Voice Command must match **exactly** how the artist, album, song and genre information is displayed.



Uconnect 3 Media






Uconnect 4 Media




Uconnect 4C/4C NAV Media

Phone

Making and answering hands-free phone calls is easy with Uconnect. When the Phonebook button is illuminated on your touchscreen, your system is ready. Check UconnectPhone.com for mobile phone compatibility and pairing instructions.

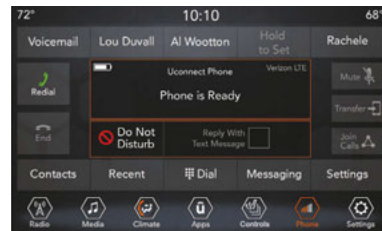
Push the VR button (Ⓜ or Phone button ). After the beep, say one of the following commands:

- “**Call** John Smith”
- “**Dial** 123-456-7890 and follow the system prompts”
- “**Redial** (call previous outgoing phone number)”
- “**Call back** (call previous incoming phone number)”

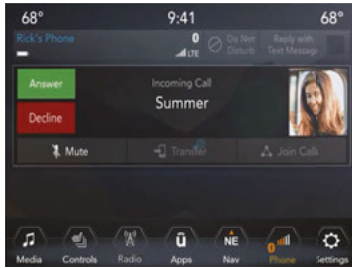
TIP: When providing a Voice Command, push the VR button (Ⓜ or Phone button  and say “**Call**,” then pronounce the name **exactly** as it appears in your phone book. When a contact has multiple phone numbers, you can say “**Call** John Smith **work**.”



Uconnect 3 Phone



Uconnect 4 Phone



Uconnect 4C/4C NAV Phone

Voice Text Reply – If Equipped

Uconnect announces **incoming** text messages. Push the VR button (📞) or Phone button (📞) (if enabled) and say “Listen.” (Must have compatible mobile phone paired to Uconnect system.)

- Once an incoming text message is read to you, push the VR button (📞) or Phone button (📞) (if enabled). After the beep, say: “Reply.”
- Listen to the Uconnect prompts. After the beep, repeat one of the pre-defined messages and follow the system prompts.

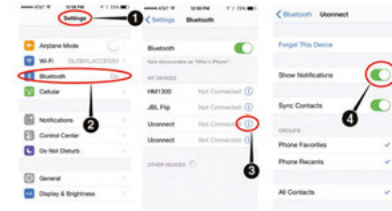
PRE-DEFINED VOICE TEXT REPLY RESPONSES		
Yes.	Stuck in traffic.	See you later.
No.	Start without me.	I'll be late.
Okay.	Where are you?	I will be 5 <or 10, 15, 20, 25, 30, 45, 60> minutes late.
Call me.	Are you there yet?	
I'll call you later.	I need directions.	See you in 5 <or 10, 15, 20, 25, 30, 45, 60> minutes.
I'm on my way.	Can't talk right now.	
I'm lost.		Thanks.

NOTE:

Only use the numbering listed, otherwise the system does not transpose the message.

TIP: Your mobile phone must have the full implementation of the **Message Access Profile (MAP)** to take advantage of this feature. For details about MAP, visit UconnectPhone.com.

Apple iPhone iOS 6 or later supports reading **incoming** text messages only. To enable this feature on your Apple iPhone, follow these four simple steps:



iPhone Notification Settings


- Select “Settings”
- Select “Bluetooth”
- Select The (i) For The Paired Vehicle
- Turn On “Show Notifications”

TIP: Voice Text Reply is not compatible with Siri Eyes Free, you can use your voice to send a text message.



Climate

Too hot? Too cold? Adjust vehicle temperatures hands-free and keep everyone comfortable while you keep moving ahead. (If vehicle is equipped with climate control.)

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

- “Set the driver temperature to 70 degrees”
- “Set the passenger temperature to 70 degrees”

TIP: Voice Command for Climate may only be used to adjust the interior temperature of your vehicle. Voice Command will not work to adjust the heated seats or steering wheel if equipped.




Uconnect 4 With 7-inch Display Climate




Uconnect 4C/4C NAV With 8.4-Inch Display Climate

Navigation (4C NAV) – If Equipped

The Uconnect navigation feature helps you save time and become more productive when you know exactly how to get to where you want to go.

1. To enter a destination, push the VR button . After the beep, say: “Find address 800 Chrysler Drive Auburn Hills, Michigan.”
2. Then follow the system prompts.

TIP: To start a POI search, push the VR button . After the beep, say: “Find nearest coffee shop.”



Uconnect 4C NAV Navigation

SiriusXM Guardian (4C/4C NAV) – If Equipped

CAUTION!

Some SiriusXM Guardian services, including SOS Call and Roadside Assistance Call will NOT work without an operable LTE (voice/data) or 3G or 4G (data) network connection compatible with your device.

NOTE:

Your vehicle may be transmitting data as authorized by the subscriber.

An included trial and/or subscription is required to take advantage of the SiriusXM Guardian services in the next section of this guide. To register with SiriusXM Guardian, press the Apps button on the Uconnect 4C/4C NAV touchscreen to get started.

NOTE:

SiriusXM Guardian is available only on equipped vehicles purchased within the continental United States, Alaska, Hawaii and Canada. Services can only be used where coverage is available; see coverage map for details.

 SOS Call

 Theft Alarm Notification

 Remote Door Lock/Unlock

 Send & Go

 Vehicle Finder

 Stolen Vehicle Assistance

 Remote Vehicle Start**

 Remote Horn & Lights

 Roadside Assistance Call

Vehicle Health Reports**

Vehicle Health Alert**

Performance Pages Plus**

**If vehicle is equipped.

Register (4C/4C NAV)

To unlock the full potential of SiriusXM Guardian in your vehicle, you must activate your SiriusXM Guardian services.

1. Press the Apps icon on the bottom of your in-vehicle touchscreen.

2. Select the Activate Services icon from your list of apps.

3. Select “Customer Care” to speak with a SiriusXM Guardian Customer Care agent who will activate services in your vehicle, or select “Enter Email” to activate on the web.

- U.S. residents visit:
www.siriusxm.com/guardian.
- Canadian residents visit:
www.siriusxm.ca/guardian.

Vehicle Health Report/Alert (4C/4C NAV)

Your vehicle will send you a monthly email report, which summarizes the performance of your vehicle’s key systems so you can stay on top of your vehicle’s maintenance needs if you are registered for SiriusXM Guardian. Your vehicle will also send you Vehicle Health Alerts when it detects issues with its key systems that need your attention. For further information, refer to your Uconnect Owner’s Manual Supplement.



Mobile App (4C/4C NAV)

You're only a few steps away from using remote commands and sending a destination from your phone to your vehicle.



Mobile App

To use the Uconnect Mobile App:

1. Once you have registered your SiriusXM Guardian services, download the Uconnect App to your mobile device. Use your Owner Account login and password to open the app.


2. Once on the “Remote” screen, you can begin using Remote Door Lock/Unlock, Remote Vehicle Start, and activate your horn and lights remotely, if equipped.
3. Press the “Location” button on the bottom menu bar of the app to bring up a map to locate your vehicle or send a location to your Uconnect Navigation using Vehicle Finder and Send & Go , if equipped.
4. Press the “Settings” side menu in the upper left corner of the app to bring up app settings.

NOTE:

For further information please visit DriveUconnect.com (U.S. Residents) or DriveUconnect.ca (Canadian Residents).

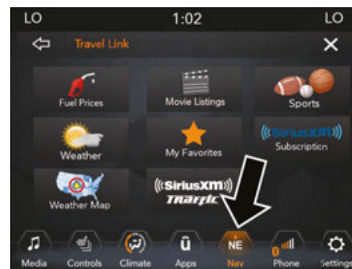
SiriusXM Travel Link (4C NAV)

Need to find a gas station, view local movie listings, check a sports score or the 5 - day weather forecast? SiriusXM Travel Link is a suite of services that brings a wealth of information right to your Uconnect 4C NAV system. (Not available for Uconnect 4 system.)

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

- “Show fuel prices”
- “Show 5 - day weather forecast”
- “Show extended weather”

TIP: Traffic alerts are not accessible with Voice Command.



SiriusXM Travel Link

Siri Eyes Free – If Equipped

Siri lets you use your voice to send text messages, select media, place phone calls and much more. Siri uses your natural language to understand what you mean and responds back to confirm your requests. The system is designed to keep your eyes on the road and your hands on the wheel by letting Siri help you perform useful tasks.

To enable Siri, push and hold, then release the Uconnect Voice Recognition (VR) button on the steering wheel. After you hear a double beep you can ask Siri to play podcasts and music, get directions, read text messages and many other useful requests.



Uconnect 4 Siri Eyes Free Available



Uconnect 4C/4C NAV With 8.4-inch Siri Eyes Free Available

Using Do Not Disturb

With Do Not Disturb, you can disable notifications from incoming calls and texts, allowing you to keep your eyes on the road and hands on the wheel. For your convenience, there is a counter display to keep track of your missed calls and text messages while you were using Do Not Disturb.

Do Not Disturb can automatically reply with a text message, a call, or both, when declining an incoming call and send it to voicemail.

Automatic reply messages can be:

- “I am driving right now, I will get back to you shortly.”
- Create a custom auto reply message up to 160 characters.

While in Do Not Disturb, Conference Call can be selected so you can still place a second call without being interrupted by incoming calls.

NOTE:

- Only the beginning of your custom message will be seen on the touchscreen.
- Reply with text message is not compatible with iPhones.
- Auto reply with text message is only available on phones that support Bluetooth MAP.

Android Auto – If Equipped

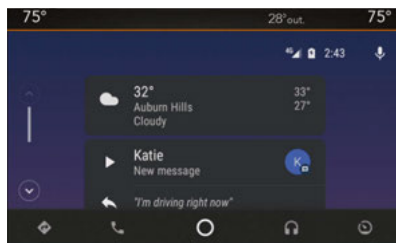
NOTE:

Feature availability depends on your carrier and mobile phone manufacturer. Some Android Auto features may or may not be available in every region and/or language.

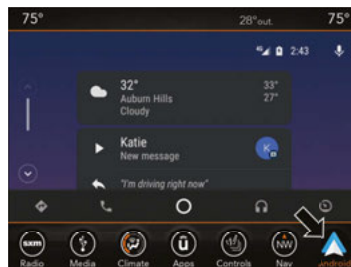


Android Auto allows you to use your voice to interact with Android's best-in-class speech technology through your vehicle's voice recognition system, and use your smartphone's data plan to project your Android powered smartphone and a number of its apps onto your Uconnect touchscreen. Connect your Android 5.0 (Lollipop), or higher, to one of the media USB ports, using the factory-provided USB cable, and press the new Android Auto icon that replaces your "Phone" icon on the main menu bar to begin Android Auto. Push and hold the VR button on the steering wheel, or press and hold the "Microphone" icon within Android Auto, to activate Android's VR, which recognizes natural voice commands, to use a list of your smartphone's features:

- Maps
- Music
- Phone
- Text Messages
- Additional Apps



Android Auto On 7-inch Display



Android Auto On 8.4-inch Display

Refer to your Uconnect Owner's Manual Supplement for further information.

NOTE:

Requires compatible smartphone running Android 5.0 Lollipop or higher and download app on Google Play. Android, Android Auto, and Google Play are trademarks of Google Inc.

Apple CarPlay – If Equipped

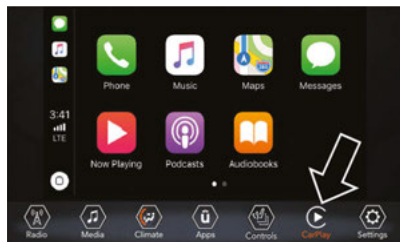
NOTE:

Feature availability depends on your carrier and mobile phone manufacturer. Some Apple CarPlay features may or may not be available in every region and/or language.

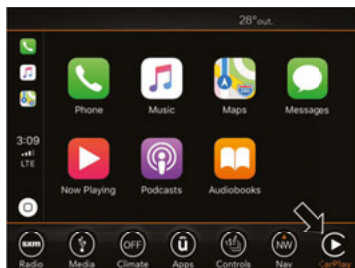
Apple CarPlay allows you to use your voice to interact with Siri through your vehicle's voice recognition system, and use your smartphone's data plan to project your iPhone and a number of its apps onto your Uconnect touchscreen. Connect your iPhone 5, or higher, to one of the media USB ports, using the factory-provided Lightning cable, and press the new CarPlay icon that replaces your "Phone" icon on the main menu bar to begin Apple CarPlay. Push and hold the VR button on the steering wheel, or press and hold the

“Home” button within Apple CarPlay, to activate Siri, which recognizes natural voice commands to use a list of your iPhone’s features:

- Phone
- Music
- Messages
- Maps — if equipped
- Additional Apps — if equipped



Apple CarPlay On 7-inch Display



Apple CarPlay On 8.4-inch Display

Refer to your Uconnect Owner’s Manual Supplement for further information.

NOTE:

Requires compatible iPhone. See dealer for phone compatibility. Data plan rates apply. Vehicle user interface is a product of Apple. Apple CarPlay is a trademark of Apple Inc. iPhone is a trademark of Apple Inc., registered in the US and other countries. Apple terms of use and privacy statements apply.

General Information

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

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

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

NOTE:

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



Additional Information

© 2018 FCA US LLC. All rights reserved. Mopar and Uconnect are registered trademarks and Mopar Owner Connect is a trademark of FCA US LLC. Android is a trademark of Google Inc. SiriusXM and all related marks and logos are trademarks of SiriusXM Radio Inc.

Uconnect System Support:

- U.S. residents visit www.DriveUconnect.com or call: 1-877-855-8400 (24 hours a day 7 days a week)
- Canadian residents visit www.DriveUconnect.ca or call: 1-800-465-2001 (English) or 1-800-387-9983 (French)

SiriusXM Guardian services support:

- U.S. residents visit www.siriusxm.com/guardian or call: 1-844-796-4827
- Canadian residents visit www.siriusxm.ca/guardian or call: 1-877-324-9091

SUGGESTIONS FOR OBTAINING SERVICE FOR YOUR VEHICLE

Prepare For The Appointment

If you are having warranty work done, be sure to have the right papers with you. Take your warranty folder. All work to be performed may not be covered by the warranty. Discuss additional charges with the service manager. Keep a maintenance log of your vehicle's service history. This can often provide a clue to the current problem.

Prepare A List

Make a written list of your vehicle's problems or the specific work you want done. If you've had an accident or work done that is not on your maintenance log, let the service advisor know.

Be Reasonable With Requests

If you list a number of items and you must have your vehicle by the end of the day, discuss the situation with the service advisor and list the items in order of priority. At many authorized dealers, you may obtain a rental vehicle at a minimal daily charge. If you need a rental, it is advisable to make these arrangements when you call for an appointment.

IF YOU NEED ASSISTANCE

The manufacturer and its authorized dealer are vitally interested in your satisfaction. We want you to be happy with our products and services.

Warranty service must be done by an authorized dealer. We strongly recommend that you take the vehicle to an authorized dealer. They know your vehicle the best, and are most concerned that you get prompt and high quality service. The manufacturer's authorized dealer have the facilities, factory-trained technicians, special tools, and the latest information to ensure the vehicle is fixed correctly and in a timely manner.

This is why you should always talk to an authorized dealer service manager first. Most matters can be resolved with this process.

- If for some reason you are still not satisfied, talk to the general manager or owner of the authorized dealer. They want to know if you need assistance.
- If an authorized dealer is unable to resolve the concern, you may contact the manufacturer's customer center.

Any communication to the manufacturer's customer center should include the following information:

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



FCA US LLC Customer Center

P.O. Box 21-8004

Auburn Hills, MI 48321-8004

Phone: (877) 426-5337

FCA Canada Inc. Customer Center

P.O. Box 1621

Windsor, Ontario N9A 4H6

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

In Mexico Contact

Av. Prolongacion Paseo de la Reforma, 1240

Sante Fe C.P. 05109

Mexico, D. F.

In Mexico City: 800-505-1300

Outside Mexico City: +(52)55 50817568

Puerto Rico And U.S. Virgin Islands

FCA Caribbean LLC

P.O. Box 191857

San Juan 00919-1857

Phone: (877) 426-5337

Fax: (787) 782-3345

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

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

Canadian residents with hearing difficulties that require assistance can use the special needs relay service offered by Bell Canada.

For TTY teletypewriter users, dial 711 and for Voice callers, dial 1-800-855-0511 to connect with a Bell Relay Service operator.

Service Contract

You may have purchased a service contract for a vehicle to help protect you from the high cost of unexpected repairs after the manufacturer's New Vehicle Limited Warranty expires. The manufacturer stands behind only the manufacturer's service contracts. If you purchased a manufacturer's service contract, you will receive Plan Provisions and an Owner Identification Card in the mail within three weeks of the vehicle delivery date. If you have any questions about the service contract, call the manufacturer's Service Contract National Customer Hotline at 1-800-521-9922 (Canadian residents, call (800) 465-2001 English / (800) 387-9983 French).

The manufacturer will not stand behind any service contract that is not the manufacturer's service contract. It is not responsible for any service contract other than the manufacturer's service contract. If you purchased a service contract that is not a manufacturer's

service contract, and you require service after the manufacturer's New Vehicle Limited Warranty expires, please refer to the contract documents, and contact the person listed in those documents.

We appreciate that you have made a major investment when you purchased the vehicle. An authorized dealer has also made a major investment in facilities, tools, and training to assure that you are absolutely delighted with the ownership experience. You will be pleased with their sincere efforts to resolve any warranty issues or related concerns.

WARNING!

Engine exhaust (internal combustion engines only), some of its constituents, and certain vehicle components contain, or emit, chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain, or emit, chemicals known to the

WARNING!

State of California to cause cancer and birth defects, or other reproductive harm.

WARRANTY INFORMATION

See the Warranty Information Booklet for the terms and provisions of FCA US LLC warranties applicable to this vehicle and market.

MOPAR PARTS

Mopar fluids, lubricants, parts, and accessories are available from an authorized dealer. They are recommended for your vehicle in order to help keep the vehicle operating at its best.

REPORTING SAFETY DEFECTS

In The 50 United States And Washington, D.C.

If you believe that your vehicle has a defect that could cause a crash or cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying FCA US LLC.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, an authorized dealer or FCA US LLC.



To contact NHTSA, you may call the Vehicle Safety Hotline toll free at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>; or write to: Administrator, NHTSA, 1200 New Jersey Avenue, SE., West Building, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

In Canada

If you believe that your vehicle has a safety defect, you should contact the Customer Service Department immediately. Canadian customers who wish to report a safety defect to the Canadian government should contact Transport Canada, Motor Vehicle Defect Investigations and Recalls at 1-800-333-0510 or go to <http://www.tc.gc.ca/roadsafety/>.

PUBLICATION ORDER FORMS

- You can purchase a copy of the Owner's Manual, United States customers may visit the Jeep Contact Us page at www.jeep.com scroll to the bottom of the page and select the "Contact Us" link, then select the "Owner's Manual and Glove Compartment Material" from the left menu. You can also purchase a copy by calling 1-877-426-5337 (U.S.) or 1-800-387-1143 (Canada).
- Replacement User Guide kits or, if you prefer, additional printed copies of the Owner's Manual, may be purchased by visiting www.techauthority.com (U.S.) or by calling 1-877-890-4038 (U.S.) or 1-800-387-1143 (Canada).

NOTE:

- The Owner's Manual and User Guide electronic files are also available on the Chrysler, Jeep, Ram Truck, Dodge and SRT websites.
- Click on the "For Owners" tab, select "Owner/Service Manuals". Then select your desired model year and vehicle from the drop down lists.

INDEX

Accessories	227	Air Pressure		Automatic Temperature Control (ATC)	42
Mopar	227	Tires	209	Automatic Transmission	132, 197
Adaptive Cruise Control (ACC) (Cruise Control)	143	Alarm		Adding Fluid	227
Adding Fuel	160	Arm The System	16	Autostick	134
Adding Washing Fluid	196	Disarm The System	16	Fluid Level Check	197
Additives, Fuel	225	Security Alarm	16, 59	Fluid Type	227
Air Bag	101	Android Auto	237, 243, 283	Auto Up Power Windows	45
Advance Front Air Bag	101	Apps	246	Axle Fluid	227
Air Bag Operation	102	Communication	246	Axle Lubrication	227
Air Bag Warning Light	99	Maps	245		
Driver Knee Air Bag	103	Music	246	Back-Up Camera	159
Enhanced Accident Response .107, 187		Antifreeze (Engine Coolant)	225	Battery	58, 198
Event Data Recorder (EDR)	187	Anti-Lock Brake System (ABS)	69	Charging System Light	58
Front Air Bag	101	Anti-Lock Warning Light	60, 64	Belts, Seat	122
If Deployment Occurs	106	Apple CarPlay	238, 247, 284	Blind Spot Monitoring	78
Knee Impact Bolsters	103	Apps	249	B-Pillar Location	205
Maintaining Your Air Bag System .109		Maps	248	Brake Assist System	70
Maintenance	109	Messages	248	Brake Control System, Electronic	70
Redundant Air Bag Warning Light .100		Music	248	Brake Fluid	227
Side Air Bags	103	Phone	248	Brakes	196
Transporting Pets	121	Assist, Hill Start	70	Brake System	196
Air Bag Light	57, 99, 122	Audio Systems (Radio)	232	Fluid Check	227
Air Conditioning Filter	43	Auto Down Power Windows	44	Master Cylinder	196
Air Conditioning, Operating Tips	43	Automatic Headlights	28	Warning Light	57
		Automatic High Beams	29		



Bulbs, Light	124	Seating Positions	113	Defroster, Rear Window	32
Camera	159	Child Safety Locks	21	Defroster, Windshield	123
Camera, Rear	159	Cleaning		Dimmer Switch	
Capacities, Fluid	225	Wheels	215	Headlight	28
Caps, Filler		Climate Control	34	Dipsticks	
Oil (Engine)	193	Automatic	34	Oil (Engine)	195
Carbon Monoxide Warning	122	Manual	34	Disabled Vehicle Towing	185
Car Washes	220	Clock Settings	231	Do Not Disturb	272, 283
Changing A Flat Tire	172, 200	Clutch	196	Door Ajar	58, 59
Chart, Tire Sizing	201	Fluid	196	Door Ajar Light	58, 59
Check Engine Light (Malfunction		Compact Spare Tire	213	Drag And Drop Menu	235, 241
Indicator Light)	67	Connector		Driver's Seat Back Tilt	22
Checking Your Vehicle For Safety	121	UCI	258		
Checks, Safety	121	Universal Consumer Interface (UCI)	258	Electric Brake Control System	70
Child Restraint	110	Contract, Service	288	Anti-Lock Brake System	69
Child Restraints		Cooling System	195	Electric Park Brake	126
Booster Seats	112	Coolant Level	195	Electric Parking Brake	126
Child Seat Installation	119	Cooling Capacity	225	Electronic Roll Mitigation (ERM)	75
How To Stow An unused ALR Seat		Selection Of Coolant		Electronic Speed Control (Cruise	
Belt	117	(Antifreeze)	225, 226	Control)	141
Infant And Child Restraints	111	Cruise Light	65, 66	Electronic Stability Control (ESC)	71
LATCH Positions	114	Customer Assistance	287	Electronic Throttle Control Warning	
Locating The LATCH Anchorages	116	Customer Programmable Features	249	Light	58
Lower Anchors And Tethers For		Cybersecurity	229	Emergency, In Case Of	
Children	114	Daytime Running Lights	28	Hazard Warning Flasher	164
Older Children And Child Restraints	112	Dealer Service	198	Jacking	172, 200
				Jump Starting	180

Overheating	182	Engine Oil	226	Gauges	
Tow Hooks	186	Flashers		Fuel	60
Towing	185	Hazard Warning	164	Gear Ranges	130
Emission Control System Maintenance . .67		Turn Signals	30, 66, 124	Gear Selector Override	183
Engine.	193	Flash-To-Pass	28	General Information.	250
Break-In Recommendations	126	Fluid, Brake	227	Glass Cleaning.	222
Checking Oil Level	195	Fluid Capacities	225		
Compartment	193	Fluid Leaks	124	Hazard Warning Flashers.	164
Coolant (Antifreeze)	226	Fluid Level Checks		Headlights	
Cooling	195	Engine Oil	195	Automatic	28
Exhaust Gas Caution	122	Fluids And Lubricants	226	Automatic High Beam	29
Fuel Requirements	224	Fog Lights	30	Delay	29
Jump Starting	180	Fold-Flat Seats	22	High Beam/Low Beam Select Switch .28	
Oil	225, 226	Forward Collision Warning	78, 81	Lights On Reminder	29
Oil Filler Cap	193	Freeing A Stuck Vehicle	183	Passing	28
Oil Selection	225	Fuel	224	Switch	27
Overheating	182	Adding	160	Time Delay	29
Starting	125	Additives	225	Head Restraints	25
Enhanced Accident Response		Gasoline	224	Head Rests.	25
Feature	107, 187	Gauge	60	High Beam/Low Beam Select (Dimmer)	
Exhaust Gas Cautions	122	Materials Added	225	Switch	28
Exhaust System	122	Octane Rating	224, 226	Hill Descent Control	76
Exterior Lighting.	27	Requirements	224	Hill Descent Control Indicator	76
Exterior Lights	27, 124	Specifications	226	Hill Start Assist	70
Filters		Fuses	166	Hood Prop	49
Air Conditioning	43	Gasoline, (Fuel)	224	Hood Release	49



Ignition	13	Remote Keyless Entry	12	Automatic Headlights	28
Switch	13	Keyless Enter-N-Go	17	Automatic High Beam	29
Instrument Cluster	55, 66	Enter The Trunk	17	Brake Assist Warning	75
Descriptions	66	Lock The Vehicle's Doors	17	Brake Warning	57
Display	54	Passive Entry	17	Cruise	65, 66
Display Controls	54	Passive Entry Programming	17	Daytime Running	28
Engine Oil Reset	55	Remote Control	17	Dimmer Switch, Headlight	28
Menu Items	55	Unlock From The Driver's Side	17	Electronic Stability Program(ESP)	
Instrument Cluster Display	54	Unlock From The Passenger's Side	17	Indicator	58
Instrument Panel Lens Cleaning	221	Keyless Entry	12	Exterior	124
Interior Appearance Care	220	Keys	12	Fog	30
Intermittent Wipers (Delay Wipers)	30	Replacement	13	Hazard Warning Flasher	164
Introduction	1	Lane Change And Turn Signals	30	Headlights	27
Inverter		LaneSense	156	Headlights On Reminder	29
Power	51	Lap/Shoulder Belts	94	Headlight Switch	27
Inverter Outlet (115V)	51	Latches	124	High Beam	28
Jacking And Tire Changing	172	Lead Free Gasoline	224	High Beam/Low Beam Select	28
Jacking Instructions	173	Leaks, Fluid	124	Hill Descent Control Indicator	76
Jack Location	172	Life Of Tires	211	Instrument Cluster	27
Jack Operation	172, 173, 200	Liftgate	50	Lights On Reminder	29
Jump Starting	180	Closing	50	Malfunction Indicator	
Key Fob		Opening	50	(Check Engine)	61
Arm The Alarm	16	Liftgate Window Wiper/Washer	32	Park	66
Disarm The Alarm	16	Light Bulbs	124	Passing	28
Keyless Entry	17	Lights	124	Seat Belt Reminder	59
		Air Bag	57, 99, 122	Security Alarm	59
				Tire Pressure Monitoring (TPMS)	85

Traction Control	75	Mopar Parts	289	ParkSense	
Turn Signals	30, 66, 124	Navigation	258	Front And Rear	150
Warning Instrument Cluster		New Vehicle Break-In Period	126	ParkSense Active Park Assist	153
Descriptions	58, 66	Occupant Restraints	91	ParkSense System, Rear	147
Loading Vehicle		Octane Rating, Gasoline (Fuel)	224, 226	Personalized Main Menu	235, 241
Tires	205	Oil Change Indicator	55	Pets	121
Locks		Reset	55	Phonebook	272
Child Protection	21	Oil, Engine	226	Phone (Uconnect)	265
Low Tire Pressure System	85	Capacity	225	Pairing	268
Luggage Carrier	52	Checking	195	Placard, Tire And Loading	
Lug Nuts	223	Dipstick	195	Information	205
Maintenance	49	Filter	226	Power	
Maintenance Free Battery	198	Pressure Warning Light	59	Inverter	51
Maintenance Schedule	188	Recommendation	225	Outlet (Auxiliary Electrical Outlet)	51
Malfunction Indicator Light (Check		Viscosity	225	Sunroof	47
Engine)	61, 67	Oil Pressure Light	59	Windows	43
Manual		Onboard Diagnostic System	66	Pregnant Women And Seat Belts	97
Service	290	Operating Precautions	66	Preparation For Jacking	173
Manual Transmission	129, 197	Operator Manual		Pretensioners	
Fluid Level Check	197	Owner's Manual	290	Seat Belts	97
Shift Speeds	130	Outlet		Radial Ply Tires	210
Master Cylinder		Power	51	Radio	
Brakes	196	Overheating, Engine	182	Presets	232, 236, 242
Monitor, Tire Pressure System	85	Parking Brake	126	Radio Frequency	
Mopar Accessories	227			General Information	13, 16, 21
				Radio Operation	230, 233, 240



Radio Screens	233, 240	Safety Checks Outside Vehicle	124	Untwisting Procedure	96
Rain Sensitive Wiper System	31	Safety Defects, Reporting	289	Seat Belts Maintenance	221
Rear Camera	159	Safety, Exhaust Gas.	122	Seats	22
Rear Cross Path	79	Safety Information, Tire	200	Adjustment	22
Rear ParkSense System	147, 150	Safety Tips	121	Head Restraints	25
Rear Window Defroster.	32	Schedule, Maintenance	188	Rear Folding	22
Rear Wiper/Washer	32	Seat Belt Reminder.	59	Tilting	22
Recreational Towing	162	Seat Belts	92, 122	Security Alarm	16, 59
Reminder, Lights On	29	Adjustable Upper Shoulder		Arm The System	16
Reminder, Seat Belt	92	Anchorage	96	Disarm The System	16
Remote Control		Adjustable Upper Shoulder Belt		Selection Of Coolant (Antifreeze).	226
Starting System	14	Anchorage	96	Sentry Key Replacement	13
Remote Keyless Entry	12	Automatic Locking Retractor (ALR)	98	Service Assistance	287
Arm The Alarm	16	Child Restraints	110	Service Contract	288
Disarm The Alarm	16	Energy Management Feature	98	Service Manuals	290
Keyless Enter-N-Go	17	Front Seat	92, 94, 95	Shifting	
Remote Starting System.	14	Inspection	122	Manual Transmission	129
Replacement Keys	13	Lap/Shoulder Belt Operation	95	Shift Lever Override.	183
Replacement Tires	211	Lap/Shoulder Belts	94	Shoulder Belts.	94
Reporting Safety Defects	289	Lap/Shoulder Belt Untwisting	96	Signals, Turn.	30, 66, 124
Restraints, Child	110	Operating Instructions	95	Siri	283
Restraints, Head	25	Pregnant Women	97	Sirius Satellite Radio	
Roll Over Warning	2	Pretensioners	97	Traffic & Weather	263
Roof Type Carrier	52	Rear Seat	94	Sirius Travel Link	263
Rotation, Tires	217	Reminder	92	SiriusXM Guardian	251
Safety Checks Inside Vehicle	122	Seat Belt Pretensioner	97	Account	251
		Seat Belt Reminder	92	App	252

In Vehicle Features	253	Wheel, Tilt	26	General Information	208, 213
Maintaining Your Account	253	Steering Wheel Audio Controls	250	High Speed	209
Registration	252	Storage, Vehicle	43	Inflation Pressure	209
Remote Features	256	Stuck, Freeing	183	Jacking	172, 200
Renewing Subscriptions	253	Sun Roof	47, 49	Life Of Tires	211
Send & Go	258	Closing	48	Load Capacity	205
Vehicle Finder	257	Opening	48	Pressure Monitoring System (TPMS)	62, 85
Vehicle Health Alert	281	Supplemental Restraint System – Air Bag	101	Quality Grading	217
Snow Chains (Tire Chains)	216	Sway Control, Trailer	71	Radial	210
Snow Tires	213	System, Remote Starting	14	Replacement	211
Spare Tires	213, 214	Telescoping Steering Column	26	Rotation	217
Spark Plugs	226	Temperature Control, Automatic (ATC)	42	Safety	200, 208
Specifications		Text Messages	232, 273	Sizes	201
Fuel (Gasoline)	226	Tilt Steering Column	26	Snow Tires	213
Oil	226	Time Delay		Spare Tires	213, 214
Speed Control		Headlight	29	Spinning	210
Distance Setting (ACC Only)	143	Tips	250	Tread Wear Indicators	211
Mode Setting (ACC Only)	143	Tire And Loading Information Placard	205	Tire Safety Information	200
Speed Control (Cruise Control)	141	Tire Markings	200	Tire Service Kit	177
Starting	125	Tires	124, 208, 213, 217	Tow Hooks	
Button	13	Aging (Life Of Tires)	211	Emergency	186
Remote	14	Air Pressure	208	Towing	162
Starting And Operating	125	Chains	216	Disabled Vehicle	185
Starting Procedures	125	Changing	172, 200	Guide	162
Steering		Compact Spare	213	Recreational	162
Tilt Column	26			Weight	162
Wheel, Heated	27				



Trailer Sway Control (TSC)	71	Making A Call	272	Warnings, Roll Over	2
Trailer Towing	162	Pairing	268	Warranty Information	289
Trailer Towing Guide	162	Uniform Tire Quality Grades	217	Washer	
Trailer Weight	162	Universal Consumer Interface (UCI)		Adding Fluid	196
Transmission		Connector	258	Washing Vehicle	220
Automatic	132, 197	Unleaded Gasoline	224	Wheel And Wheel Tire Care	215
Fluid	227	Untwisting Procedure, Seat Belt	96	Wheel And Wheel Tire Trim	215
Manual	129	Vehicle Loading	205	Wind Buffeting	45
Transporting Pets	121	Vehicle Storage	43	Window Fogging	43
Tread Wear Indicators	211	Voice Command	271, 272, 275	Windows	
Turn Signals	30, 66	Voice Recognition		Power	43
		System (VR)	271, 272, 275	Windshield Defroster	123
Uconnect 3 With 5-Inch Display	230	Warning Flashers, Hazard	164	Windshield Wiper Blades	199
Uconnect 4C/4C Nav With 8.4-Inch		Warning Lights (Instrument Cluster		Wipers Blade Replacement	199
Display	240	Descriptions)	64	Wipers, Intermittent	30
Uconnect 4 With 7-Inch Display	233			Wipers, Rain Sensitive	31
Uconnect Phone	265			Wrecker Towing	185



This guide has been prepared to help you get quickly acquainted with your new Jeep® brand vehicle and to provide a convenient reference for common questions. However, it is not a substitute for your Owner's Manual.

For complete operational instructions, maintenance procedures and important safety messages, please consult your Owner's Manual, Navigation/Uconnect manuals found on the website on the back cover and other Warning Labels in your vehicle.

Not all features shown in this guide may apply to your vehicle. For additional information on accessories to help personalize your vehicle, visit **www.mopar.com** (U.S.), **www.mopar.ca** (Canada) or your local Jeep® brand dealer.

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 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.





Whether it's providing information about specific product features, taking a tour through your vehicle's heritage, knowing what steps to take following an accident or scheduling your next appointment, we know you'll find the app an important extension of your Jeep® brand vehicle. Simply download the app, select your make and model and enjoy the ride.

To get this app, go directly to the App Store® or Google Play® Store and enter the search keyword "JEEP" (U.S. residents only).

www.jeep.com/en/owners (U.S.) provides special offers tailored to your needs, customized vehicle galleries, personalized service records and more. To get this information, just create an account and check back often.

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

DOWNLOAD A FREE ELECTRONIC COPY of the most up-to-date Owner's Manual, media and warranty booklet by visiting:

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

www.owners.mopar.ca (Canadian residents).

www.jeep.com (U.S.)

www.jeep.ca (Canada)



19BV-926-AA
Second Edition

© 2019 FCA US LLC. All Rights Reserved. Tous droits réservés.
Jeep is a registered trademark of FCA US LLC. Jeep est une marque déposée de FCA US LLC.

App Store is a registered trademark of Apple Inc. Google Play Store is a registered trademark of Google.