



Properly secure all cargo.



RAM PROMASTER

2019 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 **1 866 726-4636** (U.S.) or **1 800 387-1143** (Canada) or by contacting your dealer.

This User Guide is intended to familiarize you with the important features of your vehicle. Your Owner's Manual, Navigation/Uconnect manuals and Warranty Booklet can be found by visiting the website on the back cover of your User Guide. We hope you find these resources useful. U.S. residents can purchase replacement kits by visiting www.techauthority.com and Canadian residents can purchase replacement kits by calling **1 800 387-1143**.



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



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

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

This guide illustrates and describes the operation of features and equipment that are either standard or optional on this vehicle. This guide may also include a description of features and equipment that are no longer available or were not ordered on this vehicle. Please disregard any features and equipment described in this guide that are not available on this vehicle. FCA US LLC reserves the right to make changes in design and specifications and/or make additions to or improve-

ments to its products without imposing any obligation upon itself to install them on products previously manufactured.

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

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

HOW TO FIND YOUR OWNER'S MANUAL ONLINE

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

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

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

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

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

www.owners.mopar.ca (Canadian Residents)

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

HOW TO USE THIS MANUAL

Essential Information

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

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

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

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

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

Symbols

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

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.

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
------------------------------	----------

GRAPHICAL TABLE OF CONTENTS

INSTRUMENT PANEL	9
-------------------------	----------

INTERIOR	10
-----------------	-----------

GETTING TO KNOW YOUR VEHICLE

KEYS	12
Key Fob	12

IGNITION SWITCH	13
Mechanical Ignition Switch	13
Key-In-Ignition Reminder	14

VEHICLE SECURITY ALARM — IF EQUIPPED	14
To Arm The System	14
To Disarm The System	14
Security System Manual Override	14

SEATS	14
Heated Seats — If Equipped	15
Adjustable Armrests — If Equipped	16

HEAD RESTRAINTS	16
Front Head Restraint Adjustment	16
Front Head Restraint Removal	17

STEERING WHEEL	17
Telescoping Steering Column	17

EXTERIOR LIGHTS	18
Multifunction Lever	18
Headlights	18
Parking Lights	18
Turn Signals	18
Lane Change Assist	19

WIPERS AND WASHERS	19
Front Wiper Operation	19

CLIMATE CONTROLS	20
Manual Climate Control Overview	20
Climate Control Functions	25
Operating Tips	25

HOOD	27
Opening	27
Closing	27

INTERNAL EQUIPMENT	28
Power Outlets	28
Auxiliary Switches — If Equipped	30

GETTING TO KNOW YOUR INSTRUMENT PANEL

INSTRUMENT CLUSTER DISPLAY	31
Location And Controls	31
Change Engine Oil	32

WARNING LIGHTS AND MESSAGES	32
Red Warning Lights	33
Yellow Warning Lights	35
Yellow Indicator Lights	38
Green Indicator Lights	38
Blue Indicator Lights	39

ONBOARD DIAGNOSTIC SYSTEM — OBD II	39
Onboard Diagnostic System (OBD II)	
Cybersecurity	40

SAFETY

AUXILIARY DRIVING SYSTEMS	41
Tire Pressure Monitoring System (TPMS)	41

OCCUPANT RESTRAINT SYSTEMS	44
Occupant Restraint Systems Features	44
Important Safety Precautions	44
Seat Belt Systems	45
Supplemental Restraint Systems (SRS)	52
Child Restraints	61
Transporting Pets	66

SAFETY TIPS	66
Transporting Passengers	66
Exhaust Gas	66
Safety Checks You Should Make Inside The Vehicle	67
Periodic Safety Checks You Should Make Outside The Vehicle	69

STARTING AND OPERATING

STARTING THE ENGINE	70
Normal Starting	70

ENGINE BREAK-IN RECOMMENDATIONS	70
--	-----------

SPEED CONTROL — IF EQUIPPED	71
To Activate	71
To Set A Desired Speed	71
To Vary The Speed Setting	71
To Accelerate For Passing	72
To Resume Speed	73
To Deactivate	73

PARKSENSE REAR PARK ASSIST — IF EQUIPPED	73
---	-----------

PARKVIEW REAR BACK-UP CAMERA	73
-------------------------------------	-----------

REFUELING THE VEHICLE	74
Materials Added To Fuel	74

TRAILER TOWING	75
Trailer Towing Weights (Maximum Trailer Weight Ratings)	75
RECREATIONAL TOWING (BEHIND MOTORHOME, ETC.)	75
Towing This Vehicle Behind Another Vehicle	75
Recreational Towing	76

IN CASE OF EMERGENCY

BULB REPLACEMENT	77
Replacement Bulbs	77
FUSES	78
Underhood Fuses	78
Interior Fuses	81
Right Central Pillar Fuses	82

JACKING AND TIRE CHANGING	82
Jack Location	82
Spare Tire Removal	84
Preparations For Jacking	86
Jacking Instructions	86
Wheel Covers	90

TIRE SERVICE KIT — IF EQUIPPED	90
Tire Service Kit Storage	90
Tire Service Kit Components And Operation	90
Tire Service Kit Usage Precautions	91
Sealing A Tire With Tire Service Kit	92

JUMP STARTING	95
Preparations For Jump Start	96
Jump Starting Procedure	97
Battery Location	98

IF YOUR ENGINE OVERHEATS	98
---	-----------

GEAR SELECTOR OVERRIDE	99
---	-----------

FREEDING A STUCK VEHICLE	99
---	-----------

TOWING A DISABLED VEHICLE	100
Automatic Transmission	101
ENHANCED ACCIDENT RESPONSE SYSTEM (EARS)	101
EVENT DATA RECORDER (EDR)	101

SERVICING AND MAINTENANCE

SCHEDULED SERVICING	102
Maintenance Plan	103
Heavy Duty Use Of The Vehicle	105

ENGINE COMPARTMENT	106
3.6L Engine	106

RAISING THE VEHICLE	107
--------------------------------------	------------

TIRES	107
Tire Safety Information	107
Tires — General Information	115
Tire Types	119
Spare Tires — If Equipped	120
Wheel And Wheel Trim Care	122

DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES	124
Treadwear	124
Traction Grades	124
Temperature Grades	125

TECHNICAL SPECIFICATIONS

WHEEL AND TIRE TORQUE SPECIFICATIONS	126
Torque Specifications	126

FLUID CAPACITIES — GASOLINE ENGINE	127
---	------------

FLUIDS AND LUBRICANTS — GAS ENGINE	127
Engine	127
Chassis	128

MOPAR ACCESSORIES	129
Authentic Accessories By Mopar	129

MULTIMEDIA

CYBERSECURITY	130
UCONNECT 3/3 NAV WITH 5-INCH DISPLAY	131

Clock Setting	132
Equalizer, Balance And Fade	132
Radio Operation	134
USB/Audio Jack (AUX)/Bluetooth Operation	135
Navigation	136

UCONNECT SETTINGS	136
------------------------------------	------------

STEERING WHEEL AUDIO CONTROLS	137
Left Switch	137
Right Switch	137

UCONNECT PHONE	138
Uconnect Phone (Bluetooth Hands Free Calling)	138

Pairing (Wirelessly Connecting) Your Mobile Phone To The Uconnect System	139
Common Phone Commands (Examples)	142
Mute (Or Unmute) Microphone During Call	142

Transfer Ongoing Call Between Handset And Vehicle	142
Phonebook	142
Voice Command Tips	143
Changing The Volume	143
Using Do Not Disturb	143
Incoming Text Messages	144

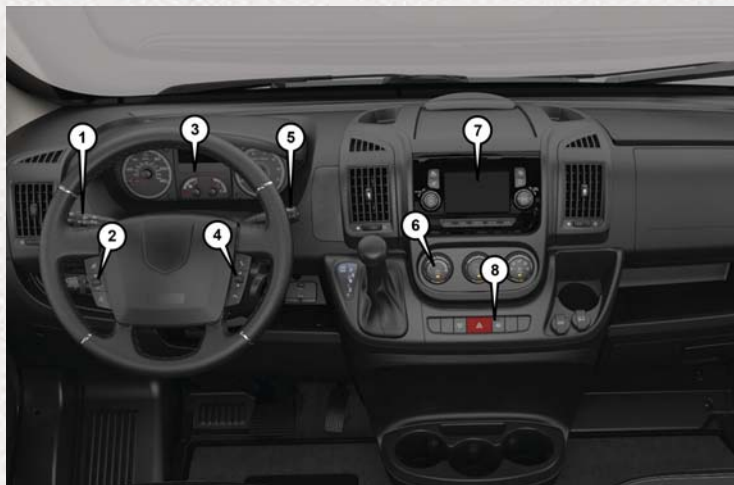
Helpful Tips And Common Questions To Improve Bluetooth Performance With Your Uconnect System	145
Regulatory And Safety Information USA/CANADA	145

UCONNECT VOICE RECOGNITION QUICK TIPS	146
Introducing Uconnect	146
Get Started	147
Basic Voice Commands	147



Radio	148
Media	148
Phone	148
Voice Text Reply	149
General Information	150
Additional Information	150
CUSTOMER ASSISTANCE	
IF YOU NEED ASSISTANCE	151
FCA US LLC Customer Center	151
FCA Canada Inc. Customer Center	151
In Mexico Contact	151
Puerto Rico And U.S. Virgin Islands	151
Customer Assistance For The Hearing Or Speech Impaired (TDD/TTY)	152
Service Contract	152
REPORTING SAFETY DEFECTS	153
In The 50 United States And Washington, D.C.	153
In Canada	153
PUBLICATION ORDER FORMS	154
INDEX	155

INSTRUMENT PANEL



Instrument Panel

- 1 — Multifunction Lever
- 2 — Volume Control
- 3 — Instrument Cluster
- 4 — Scan Control

- 5 — Windshield Wiper Lever
- 6 — Climate Controls
- 7 — Uconnect System
- 8 — Switch Panel



INTERIOR



Interior

- 1 — Door Locks/Window Switches
- 2 — Seats
- 3 — Gear Selector

- 4 — Glove Compartment
- 5 — Passenger Airbag



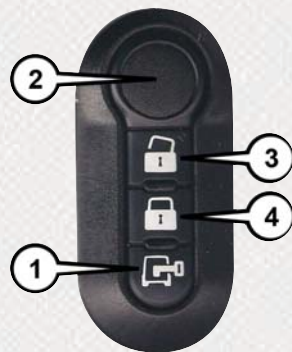
KEYS

Key Fob

Your vehicle uses a key start ignition system. The ignition system consists of a key fob with a Remote Keyless Entry (RKE) and an ignition switch.

The key fob contains an integrated mechanical key. To use the mechanical key, simply push the mechanical key release button.

The vehicle is supplied with a code card containing key code numbers to order duplicate keys, and the authorized dealer that sold you your new vehicle has the key code numbers for your vehicle locks. These numbers can be used to order duplicate keys.



Key Fob

- 1 — Cargo Door Unlock Button
- 2 — Ignition Key Release
- 3 — Unlock
- 4 — Lock

Remote Keyless Entry (RKE)

This system allows you to lock or unlock the doors from distances up to approximately 66 ft (20 m) using a hand-held key fob. The key fob does not need to be pointed at the vehicle to activate the system.

NOTE:

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

To Unlock The Doors

Push and release the unlock button on key fob once to unlock only the front doors. Push and release the cargo unlock button on key fob once to unlock the cargo area (rear lateral sliding doors and rear door). The turn signal lights will flash twice to acknowledge the unlock signal.

To Lock The Doors

Push and release the lock button on the key fob to lock all doors. The turn signal lights will flash once to acknowledge the signal. If a door is open, the turn signal lights will flash at an increased rate.

Locking Doors With A Key

1. Insert the key with either side up.
2. Turn the key to the right to lock the door.
3. Turn the key to the left to unlock the door.

For maintenance procedures, refer to “Dealer Service” in “Servicing And Maintenance” in the Owner’s Manual for further information.

General Information

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

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

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

NOTE:

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

IGNITION SWITCH

Mechanical Ignition Switch

1. Place the gear selector in PARK (if equipped with an automatic transmission).
2. Rotate the key to the STOP/OFF/LOCK position.
3. Remove the key from the mechanical ignition switch.



Mechanical Ignition Switch

WARNING!

- Before exiting a vehicle, always shift the automatic transmission into PARK, apply the parking brake, turn the vehicle OFF, remove the key fobs from vehicle, and lock all doors and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Leaving children 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.
- 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. A child could operate power windows, other controls, or move the vehicle.



WARNING!

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.

CAUTION!

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

Key-In-Ignition Reminder

Opening the driver's door when the key is in the ignition and the ignition switch position is STOP/OFF/LOCK sounds a signal to remove the key.

VEHICLE SECURITY ALARM — IF EQUIPPED

The vehicle security alarm monitors the vehicle doors and ignition for unauthorized operation. When the vehicle security alarm is activated, interior switches for door locks are

disabled. The system provides both audible and visible signals. For the first three minutes, the horn will sound, and the turn signal lights will flash. For an additional 15 minutes, only the turn signal lights will flash.

To Arm The System

To arm the system, the vehicle security alarm will set when you use the key fob to lock the doors. If a door or the hood is not properly shut, the alarm system will not be armed.

To Disarm The System

Use the key fob to unlock the door and disarm the system.

The vehicle security alarm will also disarm if a programmed Sentry Key is inserted into the ignition switch. To exit the alarming mode, push the key fob unlock button, or insert a programmed Sentry Key into the ignition switch.

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.

Security System Manual Override

The vehicle security alarm will not arm/disarm if you lock/unlock the doors using the manual door lock plunger.

SEATS

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

WARNING!

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

WARNING!

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.

Heated Seats — If Equipped

On some models, the front driver and passenger seats may be equipped with heaters in both the seat cushions and seatbacks. The controls for the front heated seats are located on the lower outboard side of the seat.



Heated Seat Switch

Push the switch once to turn on the heated seats. Push the switch a second time to shut the heating elements off.

NOTE:

Once a heat setting is selected, heat will be felt within two to five minutes.

WARNING!

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



Adjustable Armrests — If Equipped

The seat adjustable armrest can be raised and adjusted for height. Underneath the front of the armrest is the adjuster wheel which will adjust the height of the armrest up or down.

Turn the adjuster wheel to the right or left to adjust the height of the armrest up or down.



Adjuster Wheel

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 Restraint Adjustment

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



Head Restraint

- 1 — Release Button
2 — Adjustment Button

NOTE:

Do not reposition the head restraint 180 degrees to the incorrect position in an attempt to gain additional clearance to the back of the head.

Front Head Restraint Removal

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

NOTE:

Do not reposition the head restraint 180 degrees to the incorrect position in an attempt to gain additional clearance to the back of the head.

WARNING!

- A loose head restraint thrown forward in a collision or hard stop could cause serious injury or death to occupants of the vehicle. Always securely stow removed

WARNING!

head restraints in a location outside the occupant compartment.

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

STEERING WHEEL

Telescoping Steering Column

This feature allows you to lengthen or shorten the steering column. The telescoping control handle is located below the steering wheel at the end of the steering column.



Telescoping Control Handle

To unlock the steering column, pull the control handle up. To lengthen or shorten the steering column, pull the steering wheel outward or push it inward as desired. To lock the steering column in position, push the control handle down until fully engaged.

WARNING!

Do not adjust the steering column while driving. Adjusting the steering column



WARNING!

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.

EXTERIOR LIGHTS**Multifunction Lever**

The multifunction lever controls the operation of the headlights, parking lights, turn signals, headlight beam selection and the passing lights. The multifunction lever is located on the left side of the steering column.

**Multifunction Lever**

- 1 — Pull For High Beams
- 2 — Headlights
- 3 — Turn Signals

Headlights

To turn on the headlights, turn the end of the multifunction lever to the headlight position. When the headlight switch is on, the parking lights, taillights, license plate light, the clearance lights and instrument panel lights are also turned on. To turn off the headlights, turn the end of the multifunction lever back to the O (Off) position.

Parking Lights

These lights can only be turned on with ignition key in the STOP position or removed, by moving the end of the multifunction lever to O (off) position and then to the headlight position.

The warning light telltale in the instrument panel comes on. The lights stay on until the next ignition cycle is performed.

Turn Signals

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

NOTE:

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

Lane Change Assist

Tap the lever up or down once, without moving beyond the detent, and the turn signal (right or left) will flash five times then automatically turn off.

WIPERS AND WASHERS

Front Wiper Operation

The windshield wiper/washer lever is located on the right side of the steering column. There are five different modes of operation for the front windshield wipers. The windshield wiper lever can be raised or lowered to access the modes.

NOTE:

The windshield wipers/washers will only operate with the ignition in the ON/RUN position.



Wiper Washer Lever

- 1 — Mist
- 2 — Intermittent, Low And High
- 3 — Washer

Intermittent Wiper System

Push the lever downward to the first detent and rotate the center ring to use one of the four intermittent wiper settings when weather conditions make a single wiping cycle, with a variable delay between cycles, desirable.

Low Speed

Push the lever downward to the second detent. The wipers will operate at low speed.

High Speed

Push the lever downward to the third detent. The wipers will operate at high speed.

Windshield Washer Operation

To use the washer, pull the windshield wiper/washer lever toward the steering wheel to activate. The wipers will activate automatically for three cycles after the lever is released, and then resume the intermittent interval previously selected.

If the lever is pulled while in the off position, the wipers will operate for three cycles and 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 windshield with the defroster before and during windshield washer use.



Mist Feature

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

NOTE:

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

CLIMATE CONTROLS

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

Manual Climate Control Overview

The Manual Temperature Controls consist of a series of three outer rotary dials (blower speed, temperature and mode) and three inner push buttons (Recirculation, A/C, Rear Window Defroster).



Manual Climate Controls

Manual Climate Control Descriptions

Icon	Description
	A/C Button Push the A/C button to engage the Air Conditioning (A/C). A LED will illuminate when the A/C system is engaged.



Icon	Description
	Recirculation Button Press and release this button 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 except for Defrost. Recirculation may be unavailable 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.
	Front Defrost Mode Turn the Knob to the Front Defrost position. Air comes from the windshield and side window demist outlets. When the defrost button is selected, the blower level will increase. Use Defrost mode with maximum temperature settings for best windshield and side window defrosting and defogging.
	Rear Defrost Button Push and release the Rear Defrost Control button to turn ON the rear window defroster and the heated outside mirrors (if equipped). An indicator will illuminate when the rear window defroster is ON. The rear window defroster automatically turns OFF after ten minutes.
	Temperature Control Use this control to regulate the temperature of the air inside the passenger compartment. Rotating the knob counter-clockwise, from top center into the blue area of the scale, indicates cooler temperatures. Rotating the knob clockwise, into the red area, indicates warmer temperatures.
	Blower Control There are seven blower speeds. Use this control to regulate the amount of air forced through the system in any mode you select. The blower speed increases as you move the control clockwise from the OFF position. NOTE: Depending on the configuration, your vehicle may be equipped with four blower speeds.

Icon	Description
	Modes Control Turn the knob to change the airflow distribution mode. The airflow distribution mode can be adjusted so air comes from the instrument panel outlets, floor outlets, defrost outlets and demist outlets. The Mode settings are as follows:
Panel Mode 	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 vents to shut off or adjust the amount of airflow from these outlets.
Bi-Level Mode 	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. 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.
Floor Mode 	Floor Mode Air comes from the floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.
Mix Mode 	Mix Mode 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.



Additional Rear Climate Control — If Equipped

These switches, mounted on the instrument panel to the left of the steering column, activate the additional rear heating/air conditioning system.

NOTE:

These switches must be enabled for operation by the Upfitter.



Additional Rear Climate Controls Switches

Icon	Description
	Rear Blower Control Push this button to turn on the rear climate controls. An indicator light will turn on when the rear climate control is on.
	Rear Temperature Control Rear Passenger Temperature Up Button To change the temperature in the rear of the vehicle, push temperature control up button to raise the temperature. Rear Passenger Temperature Down Button To change the temperature in the rear of the vehicle, push temperature control down button to lower the temperature.
MODE	Rear MODE Button Push this button to change the air distribution mode for the rear passengers.

Climate Control Functions

A/C (Air Conditioning)

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

NOTE:

- For Manual Climate Controls, if the system is in Mix, Floor or Defrost Mode, the A/C can be turned off, but the A/C system shall remain active to prevent fogging of the windows.
- If fog or mist appears on the windshield or side glass, select Defrost mode, and increase blower speed if needed.

- If your air conditioning performance seems lower than expected, check the front of the A/C condenser (located in front of the radiator), for an accumulation of dirt or insects. Clean with a gentle water spray from the front of the radiator and through the condenser.

Recirculation

In cold weather, use of Recirculation mode may lead to excessive window fogging. The Recirculation feature may be unavailable if conditions exist that could create fogging on the inside of the windshield. On systems with Manual Climate Controls, the Recirculation mode is not allowed in Defrost mode to improve window clearing operation. Recirculation is disabled automatically if this mode is selected. Attempting to use Recirculation while in this mode causes the LED in the control button to blink and then turns off.

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. A solution of 50% OAT (Organic Additive Technology) coolant that meets the requirements of FCA Material Standard MS.90032 and 50% water is recommended. Refer to "Fluids And Lubricants" in "Technical Specifications" in your Owner's Manual for proper coolant selection.

Winter Operation

Use of the air Recirculation mode during winter months is not recommended because it may cause window fogging.



Vacation Storage

Any time 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 the fresh air and high blower setting. This will ensure adequate system lubrication to minimize the possibility of compressor damage when the system is started again.

Window Fogging

Interior fogging on the windshield can be quickly removed by turning the mode selector to Defrost. The Defrost/Floor mode can be used to maintain a clear windshield and provide sufficient heating. If side window fogging becomes a problem increase blower speed. Vehicle windows tend to fog on the inside in mild but rainy or humid weather.

NOTE:

Recirculate without A/C should not be used for long periods, as fogging may occur.

CAUTION!

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

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

Outside Air Intake

Make sure the air intake, located directly in front of the windshield, is free of obstructions such as leaves. Leaves collected in the air

intake may reduce airflow, and if they enter the plenum, they could plug the water drains. In winter months, make sure the air intake is clear of ice, slush, and snow.

A/C Air Filter

The climate control system filters outside air containing dust, pollen and some odors. Strong odors cannot be totally filtered out. Refer to “Dealer Service” in “Servicing and Maintenance” in your Owner’s Manual for filter replacement instructions.

HOOD

Opening

To open the hood, two latches must be released.

1. Open the driver's door to gain access to the hood release lever. Pull the hood release lever located on the side of the instrument panel.



Hood Release

2. Move to the outside of the vehicle, reach into the opening beneath the center of the hood and push the safety latch lever to the right to release it, before raising the hood.
3. Raise the hood and place the hood prop rod in hood slot to secure the hood in the open position.

Closing

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:

- Before closing hood, make sure the hood prop rod is fully seated into its storage retaining clips.
- Do not slam the hood to close it. Use a firm downward push at the center front edge of the hood to ensure that both latches engage. Never drive your vehicle unless the hood is fully closed, with both latches engaged.



INTERNAL EQUIPMENT

Power Outlets

Passenger Compartment Power Outlet

The power outlet is located on the Instrument Panel Passenger Compartment near the cup holder. It only operates with the ignition key at MAR/ON.



Front USB Port And Power Outlet

- 1 — USB Charge Only Port
- 2 — Front Power Outlet

Load Compartment Power Outlet — If Equipped

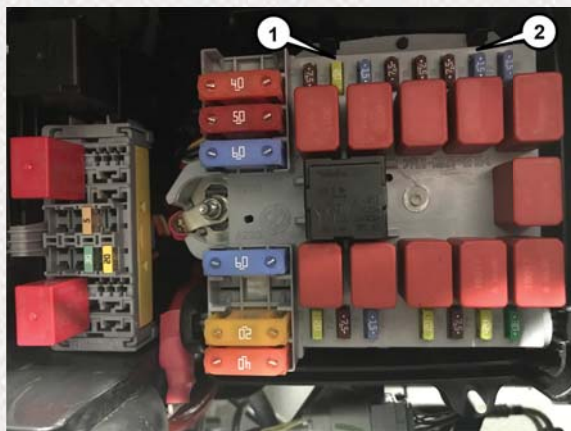
The Load Compartment Power Outlet is located in rear cargo compartment. The outlet can be used for powering 12 Volt adaptive accessories and recharging communications devices.



Load Compartment Power Outlet

NOTE:

Do not connect devices with power higher than 180 W to the socket. Do not damage the socket by using unsuitable adaptors.



Power Outlet Fuses — Under Hood

- 1 — F14 Fuse 20 Amp Yellow Front Power Outlet
- 2 — F09 Fuse 15 Amp Blue Rear Power Outlet



WARNING!

To avoid serious injury or death:

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

CAUTION!

- Many accessories that can be plugged in draw power from the vehicle's battery, even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.

CAUTION!

- Accessories that draw higher power (i.e., coolers, vacuum cleaners, lights, etc.) will degrade the battery even more quickly. Only use these intermittently and with greater caution.
- After the use of high power draw accessories, or long periods of the vehicle not being started (with accessories still plugged in), the vehicle must be driven a sufficient length of time to allow the generator to recharge the vehicle's battery.

Auxiliary Switches — If Equipped

Your vehicle may be equipped with two auxiliary switches located on the instrument panel to the left of the steering column which can be used to power various electronic devices. Connections to the switches are found in the right central pillar fuse panel at the base of the passenger side B pillar.



Auxiliary Upfitter Switches

Auxiliary Switch 1 is configured to constant battery feed, while Auxiliary Switch 2 is configured to ignition feed.

For further information on using the auxiliary switches, please refer to the Ram Body Builders Guide by accessing www.rambodybuilder.com and choosing the appropriate links.

INSTRUMENT CLUSTER DISPLAY

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

Location And Controls

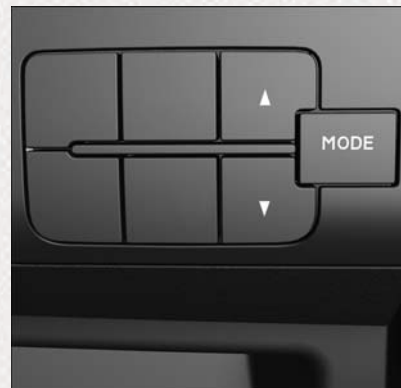
The instrument cluster display features a driver-interactive display that is located in the instrument cluster.

This system allows the driver to select a variety of useful information by pushing the switches mounted on the instrument panel. Examples of menu items are:

- Speed Beep
- Buzzer Volume
- Seat Belt Buzzer (Just Available After SBR Disable Made By CHR Service)
- Exit Menu

If equipped with a Uconnect system, some customer programmable features will display in the radio. Refer to the "Uconnect Settings" in "Multimedia" in the Owner's Manual for further information.

The system allows the driver to select information by pushing the following buttons mounted on the instrument panel to the left of the steering column:



Display Control Buttons

NOTE:

The **MODE** button must be pushed prior to pressing the **up** arrow and **down** arrow buttons.



- *MODE Button*

Push and hold the **MODE** button for a time longer than one second to access/select the information screens or submenu screens of a main menu item. Push and hold the **MODE** button for two seconds to reset displayed/selected features that can be reset.

- *Up Arrow Button*

Push and release the **up** arrow button to scroll upward through the main menu and submenus or adjust the illumination on the instrument panel when the headlights are on.

- *Down Arrow Button*

Push and release the **down** arrow button to scroll downward through the main menu and submenus or adjust the illumination on the instrument panel when the headlights are on.

Change Engine Oil

Your vehicle is equipped with an engine oil change indicator system. The “Change Engine Oil” message will display in the instrument cluster display. 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 switch to the ON/RUN position. To turn off the message temporarily, push and release the **MODE** button. To reset the oil change indicator system (after performing the scheduled maintenance), refer to the following procedure.

1. Turn the ignition switch to the ON position (do not start the engine).
2. Fully push the accelerator pedal slowly, three times, within 10 seconds.
3. Turn the ignition switch to the OFF/LOCK position.

NOTE:

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

WARNING LIGHTS AND MESSAGES

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

Red Warning Lights

— Seat Belt Reminder Warning Light

When the ignition is first placed in the ON/RUN or MAR/ON/RUN position, 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 Restraints Systems" in "Safety" for further information.

— 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.

— 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 one or more door(s) are not fully closed.

NOTE:

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

— Electronic Throttle Control (ETC) Warning Light

This warning light will illuminate to inform 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.

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 MAR/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.

— Transmission Fault Warning Light

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



— Engine Temperature Warning Light

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

If the 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.

BRAKE — Brake Warning Light

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

If the light remains on when the parking brake has been disengaged, and the fluid level is at the full mark on the master cylinder

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

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

The light will remain on until the cause is corrected.

NOTE:

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

If brake failure is indicated, immediate repair is necessary.

WARNING!

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

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

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

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

NOTE:

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



— 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.

● — 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



— 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.

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

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

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

CAUTION!

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

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

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



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

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

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

TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. 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

CAUTION!

to your authorized dealer to have your sensor function checked.

ESC — Electronic Stability Control (ESC) Warning Light

The "ESC Indicator Light" in the instrument cluster will come on when the ignition is placed in the ON/RUN or MAR (ACC/ON/RUN) position, and when ESC is activated. It should turn off 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 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 your 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 MAR (ACC/ON/RUN) position.

- Each time the ignition is turned to ON/RUN or MAR (ACC/ON/RUN), 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.
- This light will come on when the vehicle is in an ESC event.

ESC OFF — **Electronic Stability Control (ESC) Off Warning Light**

This 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.

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.

Certain conditions, such as a loose or missing gas cap, poor quality fuel, etc., may illuminate the light after engine start. 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 by an authorized dealer 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

WARNING!

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.

(ABS) — Anti-Lock Brake (ABS) Warning Light

This light monitors the Anti-Lock Brake System (ABS). The light will turn on when the ignition is placed in the ON/RUN or MAR/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. However, the conventional brake system will continue to operate normally if the brake warning light is not on.

If the ABS light is on, the brake system should be serviced as soon as possible to restore the benefits of Anti-Lock Brakes. If the ABS light does not turn on when the ignition is placed in the ON/RUN or MAR/ON/RUN position, have the light inspected by an authorized dealer.

— Generic Warning Light

The Generic Warning Light will illuminate if any of the following conditions occur: Engine Oil Pressure Sensor Failure, External Light Failure, Fuel Cut-Off intervention or fail, Parking Sensor Failure, DST System Failure.

The telltale will remain on fixed in case of swivel seat failure and on blinking in case of Air Bag Warning Light Failure. Contact an authorized dealer immediately for service.

Yellow Indicator Lights

— Stop Light Failure Indicator Light

This light will illuminate if one or more of the stop light bulb fails.

The failure relating to this light could be:

- One or more blown bulbs.
- A blown protection fuse.
- A break in the electrical connection.

— External Light Failure Indicator Light — If Equipped

The External Light Failure Indicator will come on when a failure to one of the following lights is detected:

- Direction Indicators
- Backup Lights
- Parking Lights
- Daytime Running Lights
- Clearance Lights
- License Plate Lights

The failure relating to these lights could be:

- One or more blown bulbs
- A blown protection fuse
- A break in the electrical connection

— TOW/HAUL Indicator Light

This indicator light will illuminate when TOW/HAUL mode is selected.

Green Indicator Lights

— Turn Signal Indicator Lights

The turn signal arrows will flash independently when left or right turn signals are selected. Turn signals can be activated when the multifunction lever is moved down (left) or up (right).

NOTE:

Check for an inoperative outside light bulb if either indicator flashes at a rapid rate.

— Front Fog Indicator Light — If Equipped

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

— Park/Headlight On Indicator Light

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

— Cruise Control Indicator Light — If Equipped

This indicator light will illuminate when the cruise control is activated.

NOTE:

There will be no change in the indicator light when the desired speed is set.

Refer to “Speed Control” in “Starting And Operating” for further information.

Blue Indicator Lights

— High Beam Indicator Light

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

ONBOARD DIAGNOSTIC SYSTEM — OBD II

Your vehicle is equipped with a sophisticated Onboard Diagnostic system called OBD II. This system monitors the performance of the emissions, engine, and 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 an authorized dealer for service as soon as possible.

CAUTION!

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



Onboard Diagnostic System (OBD II) Cybersecurity

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

WARNING!

- ONLY an authorized service technician should connect equipment to the OBD II

WARNING!

- 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”.

AUXILIARY DRIVING SYSTEMS

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

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

The TPMS will continue to warn the driver of low tire pressure as long as the condition exists, and will not turn off until the tire pressure is at or above the recommended cold placard pressure. Once the low tire pressure warning (TPMS Warning Light) illuminates, you must increase the tire pressure to the recommended cold placard pressure in order for the TPMS Warning Light to turn off. The system will automatically update and the TPMS Warning Light will turn off once the system receives the updated tire pressures. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

NOTE:

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

For example, your vehicle may have a recommended cold (parked for more than three hours) placard pressure of 30 psi (207 kPa). If the ambient temperature is 68°F (20°C) and the measured tire pressure is 27 psi (186 kPa), a temperature drop to 20°F (-7°C) will decrease the tire pressure to approximately 23 psi (158 kPa). This tire pressure is sufficiently low enough to turn on the TPMS Warning Light. Driving the vehicle may cause the tire pressure to rise to approximately 27 psi (186 kPa), but the TPMS Warning Light will still be on. In this situation, the TPMS Warning Light will turn off only after the tires are inflated to the vehicle’s recommended cold placard pressure value.

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.



CAUTION!

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 an authorized dealership 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 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.
- 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 under-inflation has not reached the level to trigger illumination of the TPMS Warning Light.
- Seasonal temperature changes will affect tire pressure, and the TPMS will monitor the actual tire pressure in the tire.

Base System

This is the TPMS warning indicator located in the instrument cluster.

The 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 regularly and to maintain the proper pressure.

The TPMS consists of the following components:

- Receiver Module.
- Four Tire Pressure Monitoring Sensors.
- Tire Pressure Monitoring System Warning Light.

Tire Pressure Monitoring Low Pressure Warnings

The Tire Pressure Monitoring System Warning Light will illuminate in the instrument cluster, an audible chime will be activated, and the "Check tire pressure" text message will display when one or more of the four active

road tire pressures are low. 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. The system will automatically update and the Tire Pressure Monitoring Light will extinguish once the updated tire pressures have been received. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) to receive this information.

Check TPMS Warnings

The Tire Pressure Monitoring System Warning Light will flash on and off for 75 seconds and remain on solid when a system fault is detected, an audible chime will be activated and the "Tire Pressure Monitoring Unavailable" text message will display. If the ignition key is cycled, this sequence will repeat providing the system fault still exists. The TPMS Warning Light will turn off when the fault condition no longer exists. A system fault can occur with any of the following scenarios:

1. Jamming due to electronic devices or driving next to facilities emitting the same radio frequencies as the TPM sensors.

2. Installing some form of aftermarket window tinting that affects radio wave signals.
3. Snow or ice around the wheels or wheel housings.
4. Using tire chains on the vehicle.
5. Using wheels/tires not equipped with TPM sensors.

NOTE:

Your vehicle is equipped with a regular size spare wheel.

1. The spare tire has a tire pressure monitoring sensor, but it is not monitored until it is mounted in place of any of the existing four road tires.
2. If you install the spare tire in place of a road tire that has a pressure below the low-pressure warning limit, upon the next ignition key cycle, a chime will sound and the TPMS Warning Light will turn ON due to the low tire condition. Then, after driving the vehicle for up to 20 minutes above 15 mph (24 km/h), the system will recognize the new sensor, and turn off the telltale.

3. If a spare tire not equipped with tire pressure monitoring sensor is used, then the TPMS Warning Light will turn ON, flashing for 75 seconds and then remaining solid for each subsequent ignition key cycle.

NOTE:

For correct Tire Pressure Monitoring behavior, please wait for about 20 minutes in key-off during each tire substitution.

General Information

This device complies with Part 15 of the FCC rules and RSS 210 of Industry Canada. Operation is subject to the following 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.



OCCUPANT RESTRAINT SYSTEMS

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

Occupant Restraint Systems Features

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

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

Important Safety Precautions

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

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

1. Children 12 years old and under should always ride buckled up in the rear seat of a vehicle with a rear seat.
2. A child who is not big enough to wear the vehicle seat belt properly (Refer to “Child Restraints” in this section for further information) must be secured in the appropriate child restraint or belt-positioning booster seat in a rear seating position.
3. If a child from 2 to 12 years old (not in a rear-facing child restraint) must ride in the front passenger seat, move the seat as far back as possible and use the proper child restraint (Refer to “Child Restraints” in this section for further information).
4. Never allow children to slide the shoulder belt behind them or under their arm.
5. You should read the instructions provided with your child restraint to make sure that you are using it properly.
6. All occupants should always wear their lap and shoulder belts properly.
7. The driver and front passenger seats should be moved back as far as practical to allow the front air bags room to inflate.
8. Do not lean against the door or window. If your vehicle has side air bags, and deployment occurs, the side air bags will inflate forcefully into the space between occupants and the door and occupants could be injured.
9. If the air bag system in this vehicle needs to be modified to accommodate a disabled person, refer to the “Customer Assistance” section for customer service contact information.

WARNING!

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

WARNING!

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

Seat Belt Systems

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

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

Enhanced Seat Belt Use Reminder System (BeltAlert)

Driver and Passenger BeltAlert — If Equipped

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

Initial Indication

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

BeltAlert Warning Sequence

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



Change of Status

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

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

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

NOTE:

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

Lap/Shoulder Belts

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

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

WARNING!

- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to

WARNING!

restrain you properly. In some collisions, the air bags won't deploy at all. Always wear your seat belt even though you have air bags.

- In a collision, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle. Always be sure you and others in your vehicle are buckled up properly.
- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- 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 seat-

WARNING!

ing position to minimize the risk of severe injury or death in the event of a crash.

- Wearing your seat belt incorrectly could make your injuries in a collision much worse. You might suffer internal injuries, or you could even slide out of the seat belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.
- Two people should never be belted into a single seat belt. People belted together can crash into one another in a collision, hurting one another badly. Never use a lap/shoulder belt or a lap belt for more than one person, no matter what their size.

WARNING!

- A lap belt worn too high can increase the risk of injury in a collision. The seat belt forces won't be at the strong hip and pelvic bones, but across your abdomen.

WARNING!

Always wear the lap part of your seat belt as low as possible and keep it snug.

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

WARNING!

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 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 Latch Plate
2 — Seat Belt Buckle

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

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.



Adjustable Anchorage

NOTE:

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

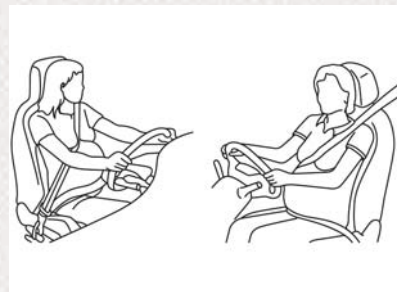
WARNING!

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

WARNING!

- 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 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.

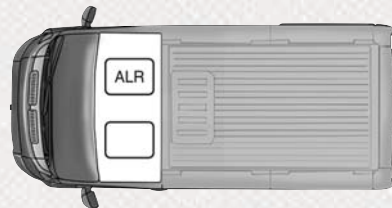
The pretensioners are triggered by the Occupant Restraint Controller (ORC). Like the air bags, the pretensioners are single use items. A deployed pretensioner or a deployed air bag must be replaced immediately.

Energy Management Feature

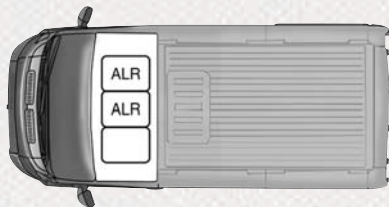
The front seat belt system is equipped with an Energy Management feature that may help further reduce the risk of injury in the event of a collision. The seat belt system has a retractor assembly that is designed to release webbing in a controlled manner.

Switchable Automatic Locking Retractor (ALR)

The seat belt in the passenger seating position is 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.



Front Bucket Seat: ALR — Switchable Automatic Locking Retractor



Front Bench Seat: 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
- Driver and Front Passenger Air Bags
- Seat Belt Buckle Switch
- Supplemental Side Air Bags
- Front and Side Impact Sensors
- Seat Belt Pretensioners

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 have the air bag system to protect you in a

WARNING!

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.

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 Locations

- 1 — Driver Front Air Bag
- 2 — Passenger Front Air Bag

WARNING!

- Being too close to the steering wheel or instrument panel during front air bag deployment could cause serious injury, including death. Air bags need room to inflate. Sit back, comfortably extending



WARNING!

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 driver and passenger front air bag system is designed to inflate based on 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.

WARNING!

- No objects should be placed over or near the air bag on the instrument panel or steering wheel because any such objects could cause 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.

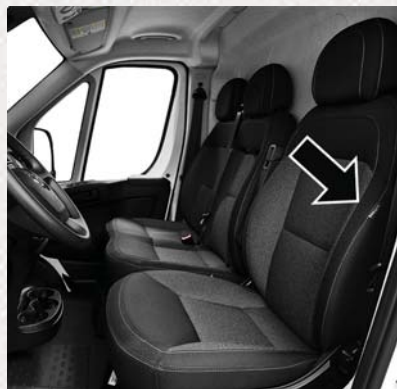
Supplemental Side Air Bags

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 Label

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
- Driver and Front Passenger Air Bags
- Seat Belt Buckle Switch
- Supplemental Side Air Bags
- Front and Side Impact Sensors
- Seat Belt Pretensioners

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.

Fuel Cut Off Switch

Your vehicle is equipped with a Fuel Cut Off Switch. In the event of an accident, if the communication network remains intact, and the power remains intact, depending on the nature of the event, the Fuel Cut Off Switch may perform the following functions:

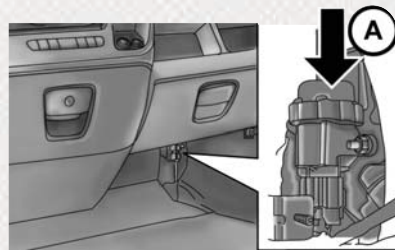
- Cut off fuel to the engine and turn off the engine.
- Flash hazard lights as long as the battery has power or until the hazard light button is pressed. The hazard lights can be deactivated by pressing the hazard light button.
- Turn on the interior lights, which remain on as long as the battery has power.
- Unlock the power door locks.

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 Fuel Cut Off Switch by following the procedure described below. If you have any doubt, contact an authorized dealer.

Fuel Cut Off Switch Reset Procedure

In order to reset the Fuel Cut Off Switch after an event push the “A” Button located underneath the instrument panel on the passenger side.



Fuel Cut Off Switch

WARNING!

If, after an accident, you smell fuel or see leaks from the fuel system, do not reset the Fuel Cut Off Switch to avoid the risk of fire. Before resetting the Fuel Cut Off Switch, carefully check for fuel leaks or damage to the vehicle electrical devices (e.g. headlights).



Maintaining Your Air Bag System

WARNING!

- Modifications to any part of the air bag system could cause it to fail when you need it. You could be injured if the air bag system is not there to protect you. Do not modify the components or wiring, including adding any kind of badges or stickers to the steering wheel hub trim cover or the upper passenger side of the instrument panel. Do not modify the front bumper, vehicle body structure, or add aftermarket side steps or running boards.
- It is dangerous to try to repair any part of the air bag system yourself. Be sure to tell anyone who works on your vehicle that it has an air bag system.
- Do not attempt to modify any part of your air bag system. The air bag may inflate accidentally or may not function properly if modifications are made. Take your vehicle to an authorized dealer for any air bag system service. If your seat, including your trim cover and cushion,

WARNING!

needs to be serviced in any way (including removal or loosening/tightening of seat attachment bolts), take the vehicle to an authorized dealer. Only manufacturer approved seat accessories may be used. If it is necessary to modify the air bag system for persons with disabilities, contact an authorized dealer.

Event Data Recorder (EDR)

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;

- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE:

EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such

as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

Child Restraints

Everyone in your vehicle needs to be buckled up at all times, including babies and children. Every state in the United States, and every Canadian province, requires that small children ride in proper restraint systems. This is the law, and you can be prosecuted for ignoring it.

Children 12 years or younger should ride properly buckled up in a rear seat, if available. According to crash statistics, children are safer when properly restrained in the rear seats rather than in the front.

WARNING!

In a collision, an unrestrained child can become a projectile inside the vehicle. The force required to hold even an infant on your lap could become so great that you could not hold the child, no matter how strong you are. The child and others could be badly injured or killed. Any child riding in your vehicle should be in a proper restraint for the child's size.

There are different sizes and types of restraints for children from newborn size to the child almost large enough for an adult safety belt. Always check the child seat Owner's Manual to make sure you have the correct seat for your child. Carefully read and follow all the instructions and warnings in the child

restraint Owner's Manual and on all the labels attached to the child restraint.

Before buying any restraint system, make sure that it has a label certifying that it meets all applicable Safety Standards. You should also make sure that you can install it in the vehicle where you will use it.

NOTE:

- For additional information, refer to <http://www.nhtsa.gov/parents-and-caregivers> or call: 1-888-327-4236
- Canadian residents should refer to Transport Canada's website for additional information: <http://www.tc.gc.ca/eng/motorvehiclesafety/safedrivers-childsafety-index-53.htm>

Summary Of Recommendations For Restraining Children In Vehicles

	Child Size, Height, Weight Or Age	Recommended Type Of Child Restraint
Infants and Toddlers	Children who are two years old or younger and who have not reached the height or weight limits of their child restraint	Either an Infant Carrier or a Convertible Child Restraint, facing rearward in a rear seat of the vehicle



	Child Size, Height, Weight Or Age	Recommended Type Of Child Restraint
Small Children	Children who are at least two years old or who have outgrown the height or weight limit of their rear-facing child restraint	Forward-Facing Child Restraint with a five-point Harness, facing forward in a rear seat of the vehicle
Larger Children	Children who have outgrown their forward-facing child restraint, but are too small to properly fit the vehicle's seat belt	Belt Positioning Booster Seat and the vehicle seat belt, seated in a rear seat of the vehicle
Children Too Large for Child Restraints	Children 12 years old or younger, who have outgrown the height or weight limit of their booster seat	Vehicle Seat Belt, seated in a rear seat of the vehicle

Infant And Child Restraints

Safety experts recommend that children ride rear-facing in the vehicle until they are two years old or until they reach either the height or weight limit of their rear-facing child restraint. Two types of child restraints can be used rear-facing: infant carriers and convertible child seats.

The infant carrier is only used rear-facing in the vehicle. It is recommended for children from birth until they reach the weight or height limit of the infant carrier. Convertible child seats can be used either rear-facing or forward-facing in the vehicle. Convertible child seats often have a higher weight limit in

the rear-facing direction than infant carriers do, so they can be used rear-facing by children who have outgrown their infant carrier but are still less than at least two years old. Children should remain rear-facing until they reach the highest weight or height allowed by their convertible child seat.

WARNING!

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

WARNING!

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

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 direc-

WARNING!

tions exactly when installing an infant or child restraint.

- After a child restraint is installed in the vehicle, do not move the vehicle seat forward or rearward because it can loosen the child restraint attachments. Remove the child restraint before adjusting the vehicle seat position. When the vehicle seat has been adjusted, 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?
3. Does the shoulder belt cross the child's shoulder between the neck and arm?
4. Is the lap part of the belt as low as possible, touching the child's thighs and not the stomach?
5. Can the child stay seated like this for the whole trip?

If the answer to any of these questions was "no," then the child still needs to use a booster seat in this vehicle. If the child is using the lap/shoulder belt, check seat belt fit periodically and make sure the seat belt buckle is latched. A child's squirming or slouching can move the belt out of position. If the shoulder belt contacts the face or neck,



move the child closer to the center of the vehicle, or use a booster seat to position the seat belt on the child correctly.

WARNING!

Never allow a child to put the shoulder belt under an arm or behind their back. In a crash, the shoulder belt will not protect a child properly, which may result in serious injury or death. A child must always wear both the lap and shoulder portions of the seat belt correctly.

Installing Child Restraints In Commercial Vehicles

This commercial vehicle is not designed for use as a family vehicle and is not intended for carrying children in the front passenger seat(s). Never install rear-facing child restraints in this vehicle. Although the seat belt can be locked to secure a child restraint, there are no tether anchorages to complete the proper installation of a forward-facing child restraint. If you must carry a child in a forward-facing child restraint, the passenger seat should be moved to the full rearward

position and the child must be in a proper restraint system based on its age, size and weight. Follow the instructions below to secure the child restraint using the seat belt.

WARNING!

Rear-facing infant restraints must never be secured in the passenger seat of a vehicle with a passenger air bag. In a collision, a passenger air bag may deploy causing severe injury or death to infants riding in rear-facing infant restraints.

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.

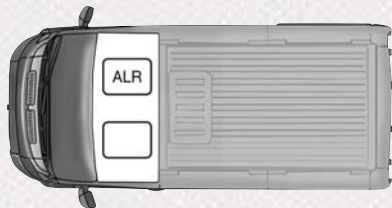
WARNING!

- 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.

WARNING!

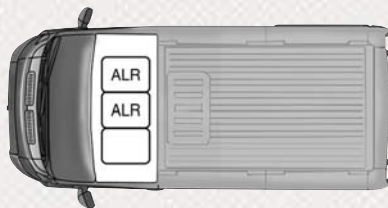
- Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

The seat belts in the passenger seating positions are equipped with a Switchable Automatic Locking Retractor (ALR). This seat belt 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.



Front Bucket Seat Automatic Locking Retractor (ALR) Location

ALR = Switchable Automatic Locking Retractor



Front Bench Seat Automatic Locking Retractor (ALR) Locations

ALR = Switchable Automatic Locking 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.
- 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.
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 web-



bing 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. 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.

Transporting Pets

Air Bags deploying in the front seat could harm your pet. An unrestrained pet will be thrown about and possibly injured, or injure a passenger during panic braking or in a collision.

Pets should be restrained in the rear seat (if equipped) in pet harnesses or pet carriers that are secured by seat belts.

SAFETY TIPS

Transporting Passengers

NEVER TRANSPORT PASSENGERS IN THE CARGO AREA.

WARNING!

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.
- It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle.

WARNING!

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.

WARNING!

- 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 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

WARNING!

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 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.

WARNING!

- 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 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 bolts 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 both inside and outside mirrors, and fasten your 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 transmission gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children). A child could operate power windows, other controls, or move the vehicle.

Normal Starting

NOTE:

Normal starting of either a cold or a warm engine is obtained without pumping or pressing the accelerator pedal.

Turn the ignition switch to the AVV (START) position and release it when the engine starts. If the engine fails to start within 10 seconds, turn the ignition switch to the STOP (OFF/LOCK) position, wait 10 to 15 seconds, then repeat the “Normal Starting” procedure.

ENGINE BREAK-IN RECOMMENDATIONS

A long break-in period is not required for the engine and drivetrain (transmission and axle) in your vehicle.

Drive moderately during the first 300 miles (500 km). After the initial 60 miles (100 km), speeds up to 50 or 55 mph (80 or 90 km/h) are desirable.

While cruising, brief full-throttle acceleration within the limits of local traffic laws contributes to a good break-in. Wide-open throttle acceleration in low gear can be detrimental and should be avoided.

The engine oil installed in the engine at the factory is a high-quality energy conserving type lubricant. Oil changes should be consistent with anticipated climate conditions under which vehicle operations will occur. For the recommended viscosity and quality grades, refer to “Fluids And Lubricants” in “Technical Specifications”.

CAUTION!

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

NOTE:

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

SPEED CONTROL — IF EQUIPPED

The Speed Control Lever is located on the left side of the steering column.



Speed Control Lever

- 1 — Resume
- 2 — Set/Accel
- 3 — On/Off
- 4 — Decel

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 rotating the Speed Control ON/OFF center ring and resetting the desired vehicle set speed.

To Activate

Rotate the center ring upward on the Speed Control lever to turn the system on. The Cruise Indicator Light in the instrument cluster display will illuminate. To turn the system off, rotate the center ring upward 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 con-

WARNING!

trol and have an accident. Always leave the system off when you are not using it.

To Set A Desired Speed

Turn the Speed Control on. When the vehicle has reached the desired speed, move the Speed Control lever upward SET (+) and release. Release the accelerator and the vehicle will operate at the selected speed.

NOTE:

The vehicle should be traveling at a steady speed and on level ground before moving the Speed Control lever upward SET (+).

To Vary The Speed Setting

To Increase Speed

When the Speed Control is set, you can increase speed by tapping the Speed Control lever up SET (+).

The driver's preferred units can be selected through the radio settings if equipped. Refer to "Uconnect Settings" in "Multimedia" 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)

- Tapping the Speed Control lever up SET (+) once will result in a 1 mph increase in set speed. Each subsequent tap of the lever results in an increase of 1 mph.
- If the lever is continually held up, the set speed will continue to increase until the lever is released, then the new set speed will be established.

Metric Speed (km/h)

- Tapping the Speed Control lever up SET (+) once will result in a 1 km/h increase in set speed. Each subsequent tap of the lever results in an increase of 1 km/h.
- If the lever is continually held up, the set speed will continue to increase until the lever is released, then the new set speed will be established.

To Decrease Speed

When the Speed Control is set, you can decrease speed by tapping the Speed Control lever down (-).

The driver's preferred units can be selected through the radio settings if equipped. Refer to "Uconnect Settings" in "Multimedia" 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)

- Tapping the Speed Control lever down (-) once will result in a 1 mph decrease in set speed. Each subsequent tap of the lever results in a decrease of 1 mph.
- If the lever is continually held down, the set speed will continue to decrease until the lever is released, then the new set speed will be established.

Metric Speed (km/h)

- Tapping the Speed Control lever down (-) once will result in a 1 km/h decrease in set speed. Each subsequent tap of the lever results in a decrease of 1 km/h.

- If the lever is continually held down, the set speed will continue to decrease until the lever is released, then the new set speed will be established.

To Accelerate For Passing

Press the accelerator as you would normally. When the pedal is released, the vehicle will return to the set speed.

Using Speed Control On Hills

The transmission may downshift on hills to maintain the vehicle set speed.

NOTE:

The Speed Control system maintains speed up and down hills. A slight speed change on moderate hills is normal.

On steep hills, a greater speed loss or gain may occur so it may be preferable to drive without Speed Control.

WARNING!

Speed Control can be dangerous where the system cannot maintain a constant speed.

WARNING!

Your vehicle could go too fast for the conditions, and you could lose control and have an accident. Do not use Speed Control in heavy traffic or on roads that are winding, icy, snow-covered or slippery.

To 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) up to the maximum speed of 100 mph (160 km/h).

To Deactivate

A soft tap on the brake pedal, pushing the RES button, or normal brake pressure while slowing the vehicle will deactivate Speed Control without erasing the set speed memory. Rotating the center ring upward to turn the system off or turning the ignition switch OFF erases the set speed memory.

PARKSENSE REAR PARK ASSIST — IF EQUIPPED

If an obstacle is behind the vehicle when REVERSE gear is engaged, an audible alert is activated.

The tones emitted by the loudspeaker inform the driver that the vehicle is approaching an obstacle. The pauses between the tones are directly proportional to the distance from the obstacle. Pulses emitted in quick succession indicate the presence of a very close obstacle. A continuous tone indicates that the obstacle is less than 12 inches (30 cm) away.

PARKVIEW REAR BACK-UP CAMERA

You can see an on-screen image of the rear of your vehicle whenever the gear selector is put into REVERSE. The ParkView Rear Back-Up Camera image is displayed on the touchscreen display located on the center stack of the instrument panel.

NOTE:

If the touchscreen display appears foggy, clean the camera lens located on the top rear of the vehicle below the center light.

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.



REFUELING THE VEHICLE

The gas cap is located behind the fuel filler door on the left side of the vehicle. If the gas cap is lost or damaged, be sure the replacement cap is for use with this vehicle.

WARNING!

- Never have any smoking materials lit in or near the vehicle when the fuel door is open or the tank is being filled.
- Never add fuel when the engine is running. This is in violation of most state and federal fire regulations and may cause the “Malfunction Indicator Light” to turn on.
- A fire may result if fuel is pumped into a portable container that is inside of a vehicle. You could be burned. Always place fuel containers on the ground while filling.

CAUTION!

- Damage to the fuel system or emissions control system could result from using an improper fuel tank filler tube cap.
- A poorly fitting fuel filler cap could let impurities into the fuel system.
- A poorly fitting fuel filler cap may cause the “Malfunction Indicator Light (MIL)” to turn on.
- To avoid fuel spillage and overfilling, do not “top off” the fuel tank after filling. When the fuel nozzle “clicks” or shuts off, the fuel tank is full.

NOTE:

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

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.

TRAILER TOWING

Trailer Towing Weights (Maximum Trailer Weight Ratings)

NOTE:

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

- ramtrucks.com/en/towing_guide/
- ramtruck.ca (Canada)
- rambodybuilder.com

RECREATIONAL TOWING (BEHIND MOTORHOME, ETC.)

Towing This Vehicle Behind Another Vehicle

Towing Condition	Wheels OFF the Ground	Automatic Transmission
Flat Tow	NONE	NOT ALLOWED
Dolly Tow	Front	OK
	Rear	NOT ALLOWED
On Trailer	ALL	OK

NOTE:

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



Recreational Towing

Recreational towing is allowed **ONLY** if the front wheels are **OFF** the ground. This may be accomplished using a tow dolly or vehicle trailer. If using a tow dolly, follow this procedure:

1. Properly secure the dolly to the tow vehicle, following the dolly manufacturer's instructions.
2. Drive the front wheels onto the tow dolly.

3. Firmly apply the parking brake. Place the transmission in PARK.
4. Properly secure the front wheels to the dolly, following the dolly manufacturer's instructions.
5. Release the parking brake.

CAUTION!

- DO NOT flat tow this vehicle. Damage to the drivetrain will result. If this vehicle

CAUTION!

requires towing, make sure the drive wheels are OFF the ground.

- 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.

BULB REPLACEMENT

Replacement Bulbs

Interior Bulbs

	Bulb Number
Dome Lamp	C5W
Courtesy Lamp	FF500
Cargo Lamp	C5W

Exterior Bulbs

	Bulb Number
Front Low and High Beam Headlamp	H7SLL
Front Park/Turn Signal Lamps	7444NA
Daytime Running Lamps (If Equipped)	7440
Front Side Marker Lamps	W3W
Rear Tail/Stop Lamps	7443
Rear Turn Signal Lamps	7440NA
Rear Backup Lamps	921
Rear Side Marker Lamps	W3W



	Bulb Number
Front Fog Lamps	H11
License Plate Lamps	C5W
Front Roof Lamps	WY5W
Rear Roof Lamps	W3W
NOTE: - Numbers refer to commercial bulb types that can be purchased from your authorized dealer. - If a bulb needs to be replaced, visit your authorized dealer.	

FUSES

WARNING!

- When replacing a blown fuse, always use an appropriate replacement fuse with the same amp rating as the original fuse. Never replace a fuse with another fuse of higher amp rating. Never replace a blown fuse with metal wires or any other material. Do not place a fuse inside a circuit breaker cavity or vice versa. Failure to use proper fuses may result in

WARNING!

serious personal injury, fire and/or property damage.

- Before replacing a fuse, make sure that the ignition is off and that all the other services are switched off and/or disengaged.
- If the replaced fuse blows again, contact an authorized dealer.
- If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, transmission system) or steering

WARNING!

system blows, contact an authorized dealer.

Underhood Fuses

The Front Power Distribution Center is located on the driver's side of the engine compartment. To access the fuses, remove the cover.

The ID number of the electrical component corresponding to each fuse can be found on the back of the cover.

Cavity	Maxi Fuse	Mini Fuse	Description
F01	40 Amp Orange	–	Electronic Stability Control (ESC) Pump
F02	20 Amp Yellow (3.6 Gasoline Engine)	–	Starter Relay 3.6L (3.6 Gasoline Engine)
F04	50 Amp Red (3.6 Gasoline Engine)	–	Secondary Power Distribution Center (PDC) (Trans Power Relay, Vacuum Pump, KL30 for the Shifter Transmission Module [STM]) (3.6 Gasoline Engine)
F06	40 Amp Orange (non A/C) 60 Amp Blue (A/C)	–	Engine Cooling Fan - 2nd Speed
F07	50 Amp Red (non A/C) 60 Amp Blue (A/C)	–	Engine Cooling Fan - 1st Speed
F08	40 Amp Orange	–	Passenger Compartment Blower
F09	–	15 Amp Blue	Rear Power Outlet
F10	–	15 Amp Blue	Horn
F14	–	20 Amp Yellow	Power Outlet
F15	–	7.5 Amp Brown	USB Charger
F16	–	7.5 Amp Brown	KL15 Shifter Transmission Module (STM) (3.6), KL15 Starter Relay Coil (3.6 Gasoline Engine)
F17	–	20 Amp Yellow	Engine Control Module (ECM), Injectors (3.6 Gasoline Engine)
F18	–	7.5 Amp Brown	KL30 Engine Control Module (ECM), KL30 Main Relay Coil (3.6 Gasoline Engine)
F19	–	7.5 Amp Brown	A/C Compressor — If Equipped
F20	–	30 Amp Green	Windshield Wiper
F21	–	15 Amp Blue	Fuel Pump



Cavity	Maxi Fuse	Mini Fuse	Description
F22	—	20 Amp Yellow	Engine Control Module (ECM), Ignition Coils (3.6 Gasoline Engine)
F23	—	20 Amp Yellow	Electronic Stability Control (ESC) Valves
F24	—	7.5 Amp Brown	KL15 Vacuum Pump Relay Coil (3.6 Gasoline Engine) — If Equipped
F30	—	15 Amp Blue	Heated Mirrors

Front PDC Additional Fuses

The additional fuse box is located inside the front PDC Box.

Cavity	Mini Fuse	Description
F61	20 Amp Yellow	Vacuum Pump (3.6 Gasoline Engine)
F62	30 Amp Green	Transmission Power RELE (3.6 Gasoline Engine)
F66	5 Amp Beige	Shifter Transmission Module (STM) (3.6 Gasoline Engine)

Interior Fuses

The interior fuse panel is part of the Body Control Module (BCM) and is located on the driver's side under the instrument panel.

Cavity	Mini Fuse	Description
F31	5 Amp Beige	INT/A
F34	7.5 Amp Brown	Clearance Lights
F36	15 Amp Blue	+30 (ACM – TPCU – RRM – DLC)
F37	5 Amp Beige	INT (BRAKE NO – IPC)
F38	15 Amp Blue	Central Locking
F42	5 Amp Beige	INT (BSM – SAS – BRAKE NC)
F43	20 Amp Yellow	Bi-Directional Washer Pump
F47	20 Amp Yellow	Driver Power Window
F48	20 Amp Yellow	Passenger Power Window
F49	5 Amp Beige	INT (PAM – CCS – RRM – ECM)
F50	7.5 Amp Brown	INT (ORC)
F51	5 Amp Beige	INT (REAR CAMERA-AUX)
F53	5 Amp Beige	+30 (IPC) + FTM
F92	7.5 Amp Brown	Left Fog Lamp
F93	7.5 Amp Brown	Right Fog Lamp



Right Central Pillar Fuses

The right central pillar fuse panel is located on the interior side at the base of the passenger side B pillar.

Cavity	Mini Fuse	Description
F81	7.5 Amp Brown	Seat Heater
F83	20 Amp Yellow	Rear Left Windows Heater
F84	20 Amp Yellow	Rear Right Windows Heater
F86	20 Amp Yellow	Auxiliary Switch (From Battery) — If Equipped
F87	20 Amp Yellow	Auxiliary Switch (From Ignition) — If Equipped

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

WARNING!

- 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

The jack and jack tools are stored under the front passenger seat.



Jack Kit Location

To release the jack kit for its storage location, turn the lock knob 1/4 turn counter clockwise to the unlock position.

CAUTION!

Do not force lock knob over limit. Damage to lock knob may occur.



Lock Knob

- 1 — Unlock Position
- 2 — Lock Position

To open the jack kit container, you must push the container's release to separate the top and bottom.



Container Release



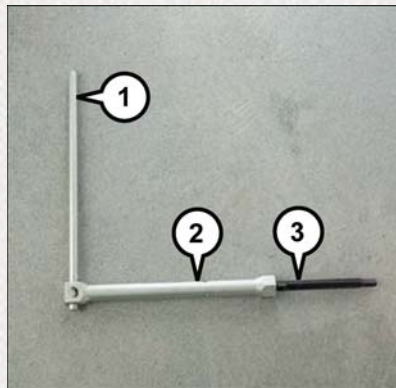


Jacking Tools

- 1 — Jack
- 2 — Reversible Tool
- 3 — Tool Handle
- 4 — Winch Extension
- 5 — Tow Eye
- 6 — Wrench Handle
- 7 — Lug Bolt Adaptor

Spare Tire Removal

1. Remove the spare tire before attempting to jack up the vehicle. Attach the lug bolt adaptor to the winch extension and insert it into the winch mechanism.



Jack Tools

- 1 — Wrench Handle
- 2 — Lug Bolt Adapter
- 3 — Winch Extension



Winch Location

The winch mechanism is located under the rear of the vehicle to the right of the spare tire.



Winch Location

2. Rotate the wheel wrench handle counter-clockwise until the spare tire is on the ground with enough cable slack to allow you to pull it out from under the vehicle.



Winch Extension

NOTE:
The winch mechanism is designed for use with the winch extension tube only. Use of an air wrench or other power tools is not recommended and can damage the winch.



Lowering Spare Tire

3. Pull the spare tire out from under the vehicle to gain access to the spare tire retainer.



Spare Tire



4. Lift the spare tire with one hand to give clearance to tilt the retainer at the end of the cable.
5. Pull the retainer through the center of the wheel.



Retainer

Preparations For Jacking

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

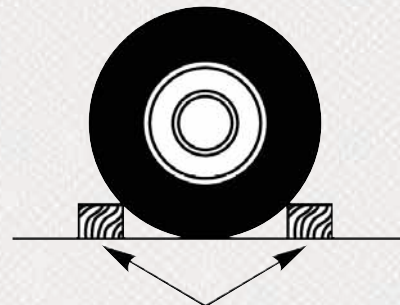
WARNING!

Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull

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 parking brake firmly.
4. Place the transmission in PARK (REVERSE for manual transmission) .
5. Turn the ignition OFF.
6. Block both the front and rear of the wheel diagonally opposite the jacking position. For example, if the right front wheel is being changed, block the left rear wheel.



Wheel Blocked

NOTE:

Passengers should not remain in the vehicle when the vehicle is being jacked.

Jacking Instructions

WARNING!

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

- Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.

WARNING!

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



Jack Warning Label

CAUTION!

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



Assembled Jack

1. Loosen (but do not remove) the wheel lug bolts by turning them to the left one turn while the wheel is still on the ground.



2. There are two jack engagement locations on each side of the vehicle body.



Jacking Engagement Locations

CAUTION!

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

NOTE:

The rear jacking location is located in front of the rear tire and in front of the leaf spring mount.



Rear Jacking Location

NOTE:

The front jacking location is located behind the front tire and in front of the driver/passenger door.



Front Jacking Location

WARNING!

Being under a jacked-up vehicle is dangerous. The vehicle could slip off the jack and fall on you. You could be crushed. Never get any part of your body under a vehicle that is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.

- Place the wrench handle and lug bolt adapter on the jack screw and turn to the right until the jack head is properly engaged in the described location. **Do not raise the vehicle until you are sure the jack is securely engaged.**

- Raise the vehicle by turning the jack screw to the right, using the wrench handle and lug bolt adapter. Raise the vehicle only until the tire just clears the surface and enough clearance is obtained to install the spare tire. Minimum tire lift provides maximum stability.

WARNING!

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

- Remove the wheel lug bolts. For vehicles with wheel covers, remove the cover from the wheel by hand. Do not pry the wheel cover off. Then pull the wheel off the hub.

- Install the spare tire. Lightly tighten the wheel lug bolts.



Mounting Spare Tire

WARNING!

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

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.

NOTE:

Do not install the wheel cover on the spare tire.

- Lower the vehicle by turning the jack screw to the left.
- Refer to “Wheel And Tire Torque Specifications” in “Technical Specifications” for proper wheel lug bolt torque.
- Lower the jack to its fully-closed position.
- Stow the damaged wheel/spare tire with the cable and wheel spacer before driving the vehicle.
- Install the winch extension and **rotate the wrench handle clockwise until the winch mechanism operator hears “3 clicks” from the device to indicate the wheel is properly stowed under the vehicle.**



12. Stow the jack, jack handle and winch handle tools back in the storage compartment.

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.

13. Check the spare tire pressure as soon as possible. Correct the tire pressure, as required.

For vehicles with aluminum wheels:

The center cap must be pushed out from the rear to install the retainer and stow the tire.

Wheel Covers

CAUTION!

Use a back-and-forth motion to remove the hub cap. Do not use a twisting motion

CAUTION!

when removing the hub cap, damage to the hub cap finish may occur.

The wheel covers on the vehicle are held in place by the wheel lug bolts and can be removed after the wheel lug bolts are taken off.

TIRE SERVICE KIT — IF EQUIPPED

Small punctures up to 1/4 inch (6 mm) in the tire tread can be sealed with Tire Service Kit. Foreign objects (e.g., screws or nails) should not be removed from the tire. Tire Service Kit can be used in outside temperatures down to approximately -4°F (-20°C).

This kit will provide a temporary tire seal, allowing you to drive your vehicle up to 100 miles (160 km) with a maximum speed of 50 mph (80 km/h).

Tire Service Kit Storage

The Tire Service Kit is located under the passenger seat.

Tire Service Kit Components And Operation



Tire Service Kit Components

1 — Power Button	4 — Sealant Bottle	7 — Power Plug
2 — Mode Select Knob	5 — Air Pump Hose (Black)	8 — Pressure Gauge
3 — Sealant Hose (Clear)	6 — Sealant Bottle Release Button	9 — Deflation Button

Using The Mode Select Knob And Hoses

Your Tire Service Kit is equipped with the following symbols to indicate the air or sealant mode.

Selecting Air Mode

Turn the Mode Select Knob (2) to this position for air pump operation only. Use the Black Air Pump Hose (5) when selecting this mode.

Selecting Sealant Mode

Turn the Mode Select Knob (2) to this position to inject the Tire Service Kit Sealant and to inflate the tire. Use the Sealant Hose (clear hose) (3) when selecting this mode.

Using The Power Button

Push and release the Power Button (1) once to turn on the Tire Service Kit. Push and release the Power Button (1) again to turn Off the Tire Service Kit.

Using The Deflation Button

Push the Deflation Button (9) to reduce the air pressure in the tire if it becomes over-inflated.

Tire Service Kit Usage Precautions

- Replace the Tire Service Kit Sealant Bottle (4) and Sealant Hose (3) prior to the expiration date (printed at the upper right hand corner on the bottle label) to assure optimum operation of the system. Refer to “Sealing A Tire With Tire Service Kit” section (F) “Sealant Bottle And Hose Replacement”.
- The Sealant Bottle (4) and Sealant Hose (3) are a one tire application use and need to be replaced after each use. Always replace these components immediately at your original equipment vehicle dealer.
- When the Tire Service Kit sealant is in a liquid form, clean water and a damp cloth will remove the material from the vehicle or tire and wheel components. Once the sealant dries, it can easily be peeled off and properly discarded.
- For optimum performance, make sure the valve stem on the wheel is free of debris before connecting the Tire Service Kit.

- You can use the Tire Service Kit air pump to inflate bicycle tires. The kit also comes with two needles, located in the Accessory Storage Compartment (on the bottom of the air pump) for inflating sport balls, rafts, or similar inflatable items. However, use only the Air Pump Hose (5) and make sure the Mode Select Knob (2) is in the Air Mode when inflating such items to avoid injecting sealant into them. The Tire Service Kit Sealant is only intended to seal punctures less than 1/4 inch (6 mm) diameter in the tread of your tire.
- Do not lift or carry the Tire Service Kit by the hoses.

WARNING!

- Do not attempt to seal a tire on the side of the vehicle closest to traffic. Pull far enough off the road to avoid the danger of being hit when using the Tire Service Kit.
- Do not use Tire Service Kit or drive the vehicle under the following circumstances:
 - If the puncture in the tire tread is approximately 1/4 inch (6 mm) or larger.



WARNING!

- 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 serious or fatal to you, your passengers, and others around you.
- Take care not to allow the contents of Tire Service Kit to come in contact with hair, eyes, or clothing. Tire Service Kit sealant is harmful if inhaled, swallowed, or absorbed through the skin. It causes skin, eye, and respiratory irritation.

WARNING!

- Flush immediately with plenty of water if there is any contact with eyes or skin. Change clothing as soon as possible, if there is any contact with clothing.
- Tire Service Kit Sealant solution contains latex. In case of an allergic reaction or rash, consult a physician immediately. Keep Tire Service Kit out of reach of children. If swallowed, rinse mouth immediately with plenty of water and drink plenty of water. Do not induce vomiting! Consult a physician immediately.

Sealing A Tire With Tire Service Kit**(A) Whenever You Stop To Use Tire Service Kit:**

1. Pull over to a safe location and turn on the vehicle's Hazard Warning flashers.
2. Verify that the valve stem (on the wheel with the deflated tire) is in a position that is near to the ground. This will allow the Tire Service Kit Hoses (3) and (5) to reach

the valve stem and keep the Tire Service Kit flat on the ground. This will provide the best positioning of the kit when injecting the sealant into the deflated tire and running the air pump. Move the vehicle as necessary to place the valve stem in this position before proceeding.

3. Place the transmission in PARK (auto transmission) or in Gear (manual transmission) and place the ignition in the OFF position.
4. Apply the parking brake.

(B) Setting Up To Use Tire Service Kit:

1. Push in the Mode Select Knob (2) and turn to the Sealant Mode position.
2. Uncoil the Sealant Hose (3) and then remove the cap from the fitting at the end of the hose.
3. Place the Tire Service Kit flat on the ground next to the deflated tire.
4. Remove the cap from the valve stem and then screw the fitting at the end of the Sealant Hose (3) onto the valve stem.

5. Uncoil the Power Plug (7) and insert the plug into the vehicle's 12 Volt power outlet.

NOTE:

Do not remove foreign objects (e.g., screws or nails) from the tire.

(C) Injecting Tire Service Kit Sealant Into The Deflated Tire:

- Always start the engine before turning ON the Tire Service Kit.

NOTE:

Manual transmission vehicles must have the parking brake engaged and the gear selector in NEUTRAL.

- After pushing the Power Button (1), the sealant (white fluid) will flow from the Sealant Bottle (4) through the Sealant Hose (3) and into the tire.

NOTE:

Sealant may leak out through the puncture in the tire.

If the sealant (white fluid) does not flow within 0 – 10 seconds through the Sealant Hose (3):

1. Push the Power Button (1) to turn Off the Tire Service Kit. Disconnect the Sealant Hose (3) from the valve stem. Make sure the valve stem is free of debris. Reconnect the Sealant Hose (3) to the valve stem. Check that the Mode Select Knob (2) is in the Sealant Mode position and not Air Mode. Push the Power Button (1) to turn On the Tire Service Kit.
2. Connect the Power Plug (7) to a different 12 Volt power outlet in your vehicle or another vehicle, if available. Make sure the engine is running before turning ON the Tire Service Kit.
3. The Sealant Bottle (4) may be empty due to previous use. Call for assistance.

NOTE:

If the Mode Select Knob (2) is on Air Mode and the pump is operating, air will dispense from the Air Pump Hose (5) only, not the Sealant Hose (3).

If the sealant (white fluid) does flow through the Sealant Hose (3):

1. Continue to operate the pump until sealant is no longer flowing through the hose (typically takes 30 - 70 seconds). As the sealant flows through the Sealant Hose (3), the Pressure Gauge (8) can read as high as 70 psi (4.8 Bar). The Pressure Gauge (8) will decrease quickly from approximately 70 psi (4.8 Bar) to the actual tire pressure when the Sealant Bottle (4) is empty.
2. The pump will start to inject air into the tire immediately after the Sealant Bottle (4) is empty. Continue to operate the pump and inflate the tire to the pressure indicated on the tire pressure label on the driver-side latch pillar (recommended pressure). Check the tire pressure by looking at the Pressure Gauge (8).

If the tire does not inflate to at least 26 psi (1.8 Bar) pressure within 15 minutes:

- The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.



NOTE:

If the tire becomes overinflated, push the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.

If the tire inflates to the recommended pressure or is at least 26 psi (1.8 Bar) pressure within 15 minutes:

1. Push the Power Button (1) to turn off the Tire Service Kit.
2. Remove the Speed Limit sticker from the top of the Sealant Bottle (4) and place the sticker on the instrument panel.
3. Immediately disconnect the Sealant Hose (3) from the valve stem, reinstall the cap on the fitting at the end of the hose, and place the Tire Service Kit in the vehicle storage location. Quickly proceed to (D) "Drive Vehicle."

CAUTION!

- The metal end fitting from Power Plug (8) may get hot after use, so it should be handled carefully.

CAUTION!

- Failure to reinstall the cap on the fitting at the end of the Sealant Hose (6) can result in sealant contacting your skin, clothing, and the vehicle's interior. It can also result in sealant contacting internal Tire Service Kit components which may cause permanent damage to the kit.

(D) Drive Vehicle:

Immediately after injecting sealant and inflating the tire, drive the vehicle 5 miles (8 km) or ten minutes to ensure distribution of the Tire Service Kit Sealant within the tire. Do not exceed 50 mph (80 km/h).

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

WARNING!

that are serious or fatal to you, your passengers, and others around you.

(E) After Driving:

Pull over to a safe location. Refer to "(A) Whenever You Stop To Use Tire Service Kit" before continuing.

1. Push in the Mode Select Knob (2) and turn to the Air Mode position.
2. Uncoil the power plug and insert the plug into the vehicle's 12 Volt power outlet.
3. Uncoil the Air Pump Hose (5) (black in color) and screw the fitting at the end of hose onto the valve stem.
4. Check the pressure in the tire by reading the Pressure Gauge (8).

If tire pressure is less than 19 psi (1.3 Bar):

The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.

If the tire pressure is 19 psi (1.3 Bar) or higher:

1. Push the Power Button (1) to turn on Tire Service Kit and inflate the tire to the pressure indicated on the tire and loading information label on the driver-side door opening.

NOTE:

If the tire becomes over-inflated, push the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.

2. Disconnect the Tire Service Kit from the valve stem, reinstall the cap on the valve stem and unplug from 12 Volt outlet.
3. Place the Tire Service Kit in its proper storage area in the vehicle.
4. Have the tire inspected and repaired or replaced at the earliest opportunity at an authorized dealer or tire service center.
5. Remove the Speed Limit sticker from the instrument panel after the tire has been repaired.

6. Replace the Sealant Bottle (4) and Sealant Hose (3) assembly at an authorized dealer as soon as possible. Refer to “(F) Sealant Bottle And Hose Replacement”.

NOTE:

When having the tire serviced, advise the authorized dealer or service center that the tire has been sealed using the Tire Service Kit.

(F) Sealant Bottle And Hose Replacement:

1. Uncoil the Sealant Hose (3) (clear in color).
2. Locate the red colored round Sealant Bottle release button at the lower right hand corner of the kit.
3. Push and hold the Sealant Bottle release button, then pull out the bottle holding the button.
4. Clean any remaining sealant from the Tire Service Kit housing.
5. Position the new Sealant Bottle (4) in the housing so that the Sealant Hose (3) aligns with the hose slot in the front of the housing. Push and hold the Sealant Bottle

release button, then push the bottle into the housing by holding the button. An audible click will be heard indicating the bottle is locked into place. Release the button.

6. Verify that the cap is installed on the fitting at the end of the Sealant Hose (3) and return the hose to its storage area (located on top of the housing).
7. Return the Tire Service Kit to its storage location in the vehicle.

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 vehicle's jump starting remote posts are located under the hood, in the engine compartment on the driver's side.



Jump Starting Locations

(+) — Remote Positive Post

(-) — Remote Negative Post

The Remote Positive (+) Post is covered with a protective cap located on the side of the Front Power Distribution Center.

The Remote Negative (-) Post is located on the core support closest to the front of the vehicle.

WARNING!

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

1. Apply the parking brake, shift the automatic transmission into PARK and turn the ignition to the OFF position.
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, apply the parking brake and make sure the ignition is OFF.

WARNING!

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

Jump Starting Procedure

WARNING!

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

CAUTION!

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

Connecting The Jumper Cables

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

NOTE:

The remote positive (+) post is located in the engine compartment on the driver's side under the cover of the Front Power Distribution Center.

2. Connect the opposite end of the positive (+) jumper cable to the positive (+) post of the booster battery.
3. Connect the negative end (-) of the jumper cable to the negative (-) post of the booster battery.
4. Connect the opposite end of the negative (-) jumper cable to the remote negative (-) post of the discharged vehicle.

NOTE:

The remote negative (-) post is located in the front of the engine compartment on the driver's side.

WARNING!

Do not connect the jumper cable to the negative (-) post of the discharged battery.

WARNING!

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, disconnect the jumper cables in the reverse sequence:

Disconnecting The Jumper Cables

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



4. Disconnect the opposite end of the positive (+) jumper cable from the remote positive (+) post of the discharged vehicle.
5. Close the cover of the Front Power Distribution Center.

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

Battery Location

There are two remote jump starting posts under the hood which is the recommended jump start location. If access to the battery is needed, an access panel on the driver's side floor will allow for battery access.

IF YOUR ENGINE OVERHEATS

In any of the following situations, you can reduce the potential for overheating by taking the appropriate action.

- On the highways — slow down.
- In city traffic — while stopped, place the transmission in NEUTRAL, but do not increase the engine idle speed while preventing vehicle motion with the brakes.

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.

CAUTION!

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

CAUTION!

continuous chimes, turn the engine off immediately and call for service.

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:

1. Turn the engine OFF.
2. Firmly apply the parking brake.
3. Using a small screwdriver or similar tool, remove the gear selector override access cover which is located below the gear selector.
4. Press and maintain firm pressure on the brake pedal.
5. Insert the screwdriver or similar tool into the access port, and push and hold the override release lever forward.
6. Move the gear selector to the NEUTRAL position.

7. The vehicle may then be started in NEUTRAL.

8. Reinstall the gear selector override access cover.

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. Shift back and forth between DRIVE and REVERSE, 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.

CAUTION!

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

CAUTION!

ing prolonged efforts to free a stuck vehicle.

NOTE:

Push the "ESC Off" switch, to place the Electronic Stability Control (ESC) system in "Partial Off" mode, before rocking the vehicle. Refer to "Electronic Brake Control System" in "Safety" in 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 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!

- When “rocking” a stuck vehicle by shifting between DRIVE and REVERSE, do not spin the wheels faster than 15 mph (24 km/h), or drivetrain damage may result.

CAUTION!

- 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	ALL Models
Flat Tow	NONE	If transmission is operable: • Transmission in NEUTRAL • 25 mph (40 km/h) max speed • 15 miles (24 km) max distance
Wheel Lift Or Dolly Tow	Rear	
	Front	OK
Flatbed	ALL	BEST METHOD

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

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/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 automatic transmission out of PARK for towing.

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.

Automatic Transmission

The manufacturer recommends towing your vehicle with all four wheels **OFF** the ground using a flatbed.

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

- The transmission must be in NEUTRAL.
- The towing speed must not exceed 25 mph (40 km/h).
- The towing distance must not exceed 15 miles (24 km).

If the transmission is not operable, or the vehicle must be towed faster than 25 mph (40 km/h) or farther than 15 miles (24 km), tow with the front wheels **OFF** the ground (using a flatbed truck, or wheel lift equipment with the front wheels raised).

CAUTION!

- Towing faster than 25 mph (40 km/h) or farther than 15 miles (24 km) with front wheels on the ground can cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.
- 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.

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 “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).

Your authorized dealer will reset the oil change indicator message after completing the scheduled oil change. If a scheduled oil change is performed by someone other than your authorized dealer, the message can be reset by referring to the steps described under “Instrument Cluster Display” in “Getting To Know Your Instrument Panel” in your Owner’s Manual for further information.

NOTE:

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

Severe Duty All Models

Change Engine Oil at 4,000 miles (6,500 km) or 350 hours of engine run time if the vehicle is operated in a dusty and off road environment or is operated predominately at idle or only very low engine RPM's. This type of vehicle use is considered Severe Duty.

Once A Month Or Before A Long Trip:

- Check engine oil level.
- Check windshield washer fluid level.
- Check the tire inflation pressures and look for unusual wear or damage. Rotate at the first sign of irregular wear, even if it occurs before the oil indicator system turns on.
- Check the fluid levels of the coolant reservoir, brake master cylinder, and power steering and fill as needed.
- Check function of all interior and exterior lights.

Maintenance Plan

Required Maintenance Intervals

Refer to the maintenance plan on the following pages for the required maintenance intervals.

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



Mileage or time passed (whichever comes first)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional Inspections														
Inspect the CV joints.		X			X			X			X			X
Inspect front suspension, tie rod ends, boot seals, and replace if necessary.	X		X		X		X		X		X		X	
Inspect the brake pads, replace as necessary.	X		X		X		X		X		X		X	
Additional Maintenance														
Replace engine air filter.		X			X			X			X			X
Replace cabin/air conditioning filter.	X		X		X		X		X		X		X	
Replace Brake Fluid every two years. *	X		X		X		X		X		X		X	
Replace spark plugs. **									X					

Mileage or time passed (whichever comes first)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Flush and replace the engine coolant at 10 years or 150,000 miles (240,000 km) whichever comes first.									X					X
Change automatic transmission fluid and filter.					X						X			
Inspect and replace PCV valve if necessary.									X					

* The brake fluid change interval is time based only, mileage intervals do not apply.

** The spark plug change interval is mileage based only, yearly intervals do not apply.

WARNING!

- You can be badly injured working on or around a motor vehicle. Do only service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a

WARNING!

service job, take your vehicle to a competent mechanic.

- Failure to properly inspect and maintain your vehicle could result in a component malfunction and effect vehicle handling and performance. This could cause an accident.

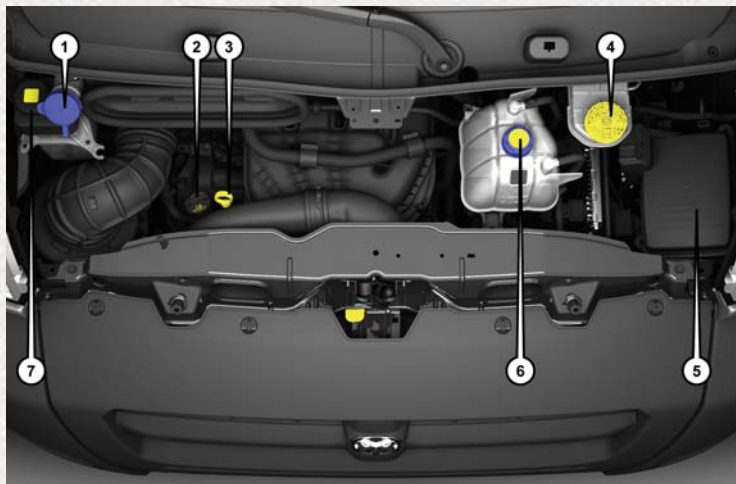
Heavy Duty Use Of The Vehicle

Change engine oil at 4,000 miles (6,500 km) or 350 hours of engine run time if the vehicle is operated in a dusty and off road environment or is operated predominately at idle or only very low engine RPM's. This type of vehicle use is considered Severe Duty.



ENGINE COMPARTMENT

3.6L Engine



- 1 — Washer Fluid Reservoir
- 2 — Engine Oil Fill
- 3 — Engine Oil Dipstick
- 4 — Brake Fluid Reservoir

- 5 — Power Distribution Center (Fuses)
- 6 — Coolant Reservoir
- 7 — Power Steering Reservoir

RAISING THE VEHICLE

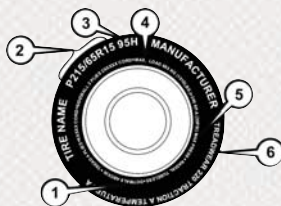
In the case where it is necessary to raise the vehicle, go to an authorized dealer or service station.

TIRES

Tire Safety Information

Tire safety information will cover aspects of the following information: Tire Markings, Tire Identification Numbers, Tire Terminology and Definitions, Tire Pressures, and Tire Loading.

Tire Markings



Tire Markings

1 — U.S. DOT Safety Standards Code (TIN)	4 — Maximum Load
2 — Size Designation	5 — Maximum Pressure
3 — Service Description	6 — Treadwear, Traction and Temperature Grades

NOTE:

- P (Passenger) — Metric tire sizing is based on U.S. design standards. P-Metric tires have the letter “P” molded into the sidewall preceding the size designation. Example: P215/65R15 95H.
- European — Metric tire sizing is based on European design standards. Tires designed to this standard have the tire size molded into the sidewall beginning with the section width. The letter “P” is absent from this tire size designation. Example: 215/65R15 96H.
- LT (Light Truck) — Metric tire sizing is based on U.S. design standards. The size designation for LT-Metric tires is the same as for P-Metric tires except for the letters “LT” that are molded into the sidewall preceding the size designation. Example: LT235/85R16.
- Temporary spare tires are designed for temporary emergency use only. Temporary high pressure compact spare tires have the letter “T” or “S” molded into the sidewall preceding the size designation. Example: T145/80D18 103M.



- High flotation tire sizing is based on U.S. design standards and it begins with the tire diameter molded into the sidewall. Example: 31x10.5 R15 LT.

Tire Sizing Chart

EXAMPLE:

Example Size Designation: P215/65R15XL 95H, 215/65R15 96H, LT235/85R16C, T145/80D18 103M, 31x10.5 R15 LT

P = Passenger car tire size based on U.S. design standards, or

"....blank...." = Passenger car tire based on European design standards, or

LT = Light truck tire based on U.S. design standards, or

T or S = Temporary spare tire or

31 = Overall diameter in inches (in)

215, 235, 145 = Section width in millimeters (mm)

65, 85, 80 = Aspect ratio in percent (%)

- Ratio of section height to section width of tire, or

10.5 = Section width in inches (in)

R = Construction code

- "R" means radial construction, or
 - "D" means diagonal or bias construction
-

15, 16, 18 = Rim diameter in inches (in)

EXAMPLE:

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	This symbol certifies that the tire is in compliance with the U.S. Department of Transportation tire safety standards and is approved for highway use
MA = Code representing the tire manufacturing location (two digits)	
L9 = Code representing the tire size (two digits)	
ABCD = Code used by the tire manufacturer (one to four digits)	
03 = Number representing the week in which the tire was manufactured (two digits)	03 means the 3rd week
01 = Number representing the year in which the tire was manufactured (two digits)	01 means the year 2001 - Prior to July 2000, tire manufacturers were only required to have one number to represent the year in which the tire was manufactured. Example: 031 could represent the 3rd week of 1981 or 1991

Tire Terminology And Definitions

Term	Definition
B-Pillar	The vehicle B-Pillar is the structural member of the body located behind the front door.
Cold Tire Inflation Pressure	Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. Inflation pressure is measured in units of PSI (pounds per square inch) or kPa (kilopascals).
Maximum Inflation Pressure	The maximum inflation pressure is the maximum permissible cold tire inflation pressure for this tire. The maximum inflation pressure is molded into the sidewall.

Term	Definition
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

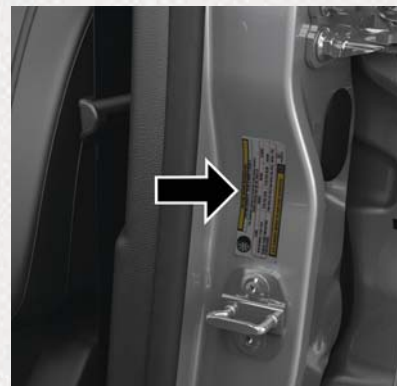
NOTE:

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 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 your Owner's 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.

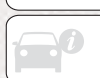
(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

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 ($635 - 340 (5 \times 68) = 295$ 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					
<u>EXAMPLE 1</u>			865 lbs	minus	670 lbs	=	195 lbs
5	2	3					
<u>EXAMPLE 2</u>			865 lbs	minus	540 lbs	=	325 lbs
3	2	1					
<u>EXAMPLE 3</u>			865 lbs	minus	400 lbs	=	465 lbs
2	2	0					

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 dismounted tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease, and gasoline.

Replacement Tires

The tires on your new vehicle provide a balance of many characteristics. They should be inspected regularly for wear and correct cold tire inflation pressures. The manufacturer strongly recommends that you use tires equivalent to the originals in size, quality and performance when replacement is needed. Refer to the paragraph on “Tread Wear Indicators” in this section. Refer to the Tire and Loading Information placard or the Vehicle Certification Label for the size designation of your tire. The Load Index and Speed Symbol for your tire will be found on the original equipment tire sidewall.

See the Tire Sizing Chart example found in the “Tire Safety Information” section of this manual for more information relating to the Load Index and Speed Symbol of a tire.

It is recommended to replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle's handling. If you ever replace a wheel, make sure that the wheel's specifications match those of the original wheels.

It is recommended you contact an authorized tire dealer or original equipment dealer with any questions you may have on tire specifications or capability. Failure to use equivalent replacement tires may adversely affect the safety, handling, and ride of your vehicle.

WARNING!

- Do not use a tire, wheel size, load rating, or speed rating other than that specified for your vehicle. Some combinations of unapproved tires and wheels may change suspension dimensions and performance characteristics, resulting in changes to steering, handling, and 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 automatic 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 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.

Collapsible Spare Tire — If Equipped

The collapsible spare is for temporary emergency use only. You can identify if your vehicle is equipped with a collapsible 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.

Collapsible spare tire description example: 165/80-17 101P.

Since this tire has limited tread life, the original equipment tire should be repaired (or replaced) and reinstalled on your vehicle at the first opportunity.

Inflate collapsible tire only after the wheel is properly installed to the vehicle. Inflate the collapsible tire using the electric air pump before lowering the vehicle.

Do not install a wheel cover or attempt to mount a conventional tire on the collapsible spare wheel, since the wheel is designed specifically for the collapsible spare tire.



WARNING!

Compact and Collapsible spares are for temporary emergency use only. With these spares, do not drive more than 50 mph (80 km/h). Temporary use spares have limited tread life. When the tread is worn to the tread wear indicators, the temporary use spare tire needs to be replaced. 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

WARNING!

(or repair) the original equipment tire at the first opportunity and reinstall it on your vehicle. Failure to do so could result in loss of vehicle control.

Wheel And Wheel Trim Care

All wheels and wheel trim, especially aluminum and chrome plated wheels, should be cleaned regularly using mild (neutral Ph) soap and water to maintain their luster and to prevent corrosion. Wash wheels with the same soap solution recommended for the body of the vehicle and remember to always wash when the surfaces are not hot to the touch.

Your wheels are susceptible to deterioration caused by salt, sodium chloride, magnesium chloride, calcium chloride, etc., and other road chemicals used to melt ice or control dust on dirt roads. Use a soft cloth or sponge and mild soap to wipe away promptly. Do not use harsh chemicals or a stiff brush. They can damage the wheel's protective coating that helps keep them from corroding and tarnishing.

CAUTION!

Avoid products or automatic car washes that use acidic solutions or strong alkaline additives or harsh brushes. Many aftermarket wheel cleaners and automatic car washes may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty. Only car wash soap, Mopar Wheel Cleaner or equivalent is recommended.

When cleaning extremely dirty wheels including excessive brake dust, care must be taken in the selection of tire and wheel cleaning chemicals and equipment to prevent damage to the wheels. Mopar Wheel Treatment or Mopar Chrome Cleaner or their equivalent is recommended or select a non-abrasive, non-acidic cleaner for aluminum or chrome wheels.

CAUTION!

Do not use scouring pads, steel wool, a bristle brush, metal polishes or oven cleaner. These products may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty. Only car wash soap, Mopar Wheel Cleaner or equivalent is recommended.

NOTE:

If you intend parking or storing your vehicle for an extended period after cleaning the wheels with wheel cleaner, drive your vehicle and apply the brakes to remove the water droplets from the brake components. This activity will remove the red rust on the brake rotors and prevent vehicle vibration when braking.

Dark Vapor Chrome, Black Satin Chrome, or Low Gloss Clear Coat Wheels

CAUTION!

If your vehicle is equipped with these specialty wheels, DO NOT USE wheel cleaners, abrasives, or polishing compounds. They will permanently damage this finish and such damage is not covered by the New Vehicle Limited Warranty. HAND WASH ONLY USING MILD SOAP AND WATER WITH A SOFT CLOTH. Used on a regular basis; this is all that is required to maintain this finish.



DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES

The following tire grading categories were established by the National Highway Traffic Safety Administration. The specific grade rating assigned by the tire's manufacturer in each category is shown on the sidewall of the tires on your vehicle.

All passenger vehicle tires must conform to Federal safety requirements in addition to these grades.

Treadwear

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded 100. The 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.



WHEEL AND TIRE TORQUE SPECIFICATIONS

Proper lug nut/bolt torque is very important to ensure that the wheel is properly mounted to the vehicle. Any time a wheel has been removed and reinstalled on the vehicle, the lug nuts/bolts should be torqued using a properly calibrated torque wrench using a high quality six sided (hex) deep wall socket.

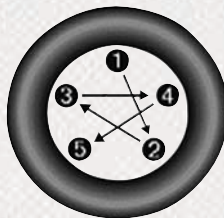
Torque Specifications

Lug Nut/ Bolt Torque	**Lug Nut/ Bolt Size	Lug Nut/Bolt Socket Size
145 Ft-Lbs (197 N·m)	M16 x 1.50	21 mm

**Use only your authorized dealer recommended lug nuts/bolts and clean or remove any dirt or oil before tightening.

Inspect the wheel mounting surface prior to mounting the tire and remove any corrosion or loose particles.

Tighten the lug nuts/bolts in a star pattern until each nut/bolt has been tightened twice. Ensure that the socket is fully engaged on the lug nut/bolt (do not insert it halfway).



Torque Patterns

After 25 miles (40 km), check the lug nut/bolt torque to be sure that all the lug nuts/bolts are properly seated against the wheel.

WARNING!

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

FLUID CAPACITIES — GASOLINE ENGINE

	U.S.	Metric
Fuel (Approximate)	24 Gallons	90 Liters
Engine Oil With Filter		
3.6L Engine (SAE 5W-20, API Certified)	6 Quarts	5.6 Liters
Cooling System *		
3.6L Engine (Mopar Antifreeze/Engine Coolant 10 Year/150,000 Mile Formula or equivalent)	10.5 Quarts	10 Liters

FLUIDS AND LUBRICANTS — GAS ENGINE

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) meeting the requirements of FCA Material Standard MS.90032.
Engine Oil	We recommend you use API Certified SAE 5W-20 Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as Mopar, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade.
Engine Oil Filter	We recommend you use Mopar Engine Oil Filters.
Spark Plugs	We recommend you use Mopar Spark Plugs.
Fuel Selection	87 Octane, 0-15% Ethanol.



CAUTION!

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology (OAT) engine coolant (antifreeze), may result in engine damage and may decrease corrosion protection. Organic Additive Technology (OAT) engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant (antifreeze) or any “globally compatible”

CAUTION!

- coolant (antifreeze). If a non-OAT engine coolant (antifreeze) is introduced into the cooling system in an emergency, the cooling system will need to be drained, flushed, and refilled with fresh OAT coolant (conforming to MS.90032), by an authorized dealer as soon as possible.
- Do not use water alone or alcohol-based engine coolant (antifreeze) products. Do not use additional rust inhibitors or antirust products, as they may not be com-

CAUTION!

- patible with the radiator engine coolant and may plug the radiator.
- This vehicle has not been designed for use with propylene glycol-based engine coolant (antifreeze). Use of propylene glycol-based engine coolant (antifreeze) is not recommended.

Chassis

Component	Fluid, Lubricant, Or Genuine Part
Automatic Transmission	Use Only ATF+4 Automatic Transmission Fluid. Failure to use ATF+4 fluid may affect the function or performance of your transmission. We recommend Mopar ATF+4 Fluid.
Brake Master Cylinder	We recommend you use Mopar DOT 4. DOT 4 brake fluid must be changed every two years regardless of mileage.
Power Steering Reservoir	Use Pentosin CHF 11S power steering fluid meeting FCA Material Standard MS-11655.

MOPAR ACCESSORIES

Authentic Accessories By Mopar

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.

The following highlights just some of the many Authentic Ram Accessories by Mopar featuring a fit, finish, and functionality specifically for your Ram Promaster:

EXTERIOR:

- Splash Guards
- Hitch Receiver
- Side Window Air Deflectors
- 7/4 Way Trailer Tow Wiring Harness

INTERIOR:

- B-Pillar Grab Handle
- D-Pillar Grab Handle
- All-Weather Floor Mats
- Premium Carpet Floor Mats
- Cargo Compartment Floor Liner
- DOT Certified Emergency Roadside Kit

ELECTRONICS:

- Fog Lights
- Remote Start
- Back Up Camera
- Hands Free Bluetooth
- Mopar Connect (WiFi)
- Cargo Compartment LED Lighting
- Electronic Vehicle Tracking System

For the full line of Authentic Ram 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.



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 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/support/software-update.html 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 “Onboard Diagnostic System (OBD II) Cybersecurity” in “Getting To Know Your Instrument Panel” in your Owner’s Manual for further information.

UCONNECT 3/3 NAV WITH 5-INCH DISPLAY



Uconnect 3/3 NAV With 5-inch Display

- 1 — Settings Button
- 2 — BACK Button
- 3 — BROWSE/ENTER — Tune/Scroll
- 4 — MORE Button
- 5 — Uconnect PHONE
- 6 — COMPASS/NAV — If Equipped

- 7 — MEDIA Button
- 8 — RADIO Button
- 9 — On/Off — Volume Knob
- 10 — Mute Button
- 11 — SCREEN ON/OFF



Clock Setting

1. To start the clock setting procedure, push the SETTINGS  button on the right side of the display, then press “Clock & Date” on the touchscreen, and then “Set Time & Format” on the touchscreen. Select the up or down arrows as appropriate.
2. Press the up or down arrows to adjust the hours or minutes. Next, 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.
3. Once the time is set, press the “Done” or “back arrow” button on the touchscreen to exit the time screen.

NOTE:

Once the time has been set on the radio, the time will also appear in the instrument cluster display.

Equalizer, Balance And Fade

1. Push the SETTINGS  button on the right side of the display.
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 “-” buttons on the touchscreen to adjust the equalizer to your desired settings.

Balance/Fade — If Equipped

- 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

- Press the “Speed Adjusted Volume” button on the touchscreen to select between Off, 1, 2 or 3. This decreases the radio volume relative to a decrease in vehicle speed.

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

- Press the “Auto Play” button on the touchscreen to activate the Auto Play screen.
- The Auto Play feature begins playing music as soon as a USB Media device is connected to one of the vehicle’s Media USB ports, when it is turned on. Press “Off” to turn the setting off.

Loudness

- Press the “Loudness” button on the touchscreen to select the Loudness feature. When this feature is activated, it improves sound quality at lower volumes.

Auto-On Radio

- Press the “Auto-On Radio” button on the touchscreen, select On, Off, or Recall Last followed by pressing “Done” or the “back arrow” button on the touchscreen. When this feature is activated, the radio automatically turns on when the vehicle is in RUN or recalls whether it was on or off at last ignition OFF.

Radio Off Delay

- Press the “Radio Off Delay” button to keep the radio On for a preset amount of time after the ignition is switched OFF. Press the “back arrow” button when completed.



Radio Operation



Uconnect 3/3 NAV With 5-inch Display Radio

- 1 — Radio Station Presets
- 2 — Show All Presets
- 3 — Seek Up
- 4 — Audio Settings

- 5 — Station Info
- 6 — Direct Tune
- 7 — Radio Band
- 8 — Seek Down

Seek Up/Down Buttons

- Press the up or down button to seek through radio stations in AM, FM or SXM bands.
- Hold either button to bypass stations without stopping.

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 will display 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.

USB/Audio Jack (AUX)/Bluetooth Operation

USB/iPod

The USB Input and Auxiliary Jack is located on the instrument panel left of the radio (driver's lower right).



USB/Audio Jack

- 1 — USB Port
2 — AUX/Audio Jack

- USB/iPod Mode is entered by either inserting a USB Jump Drive or an iPod cable into the USB port or by pushing the MEDIA button on the faceplate located below the display. Once in Media Mode, press the “Source” button on the touchscreen and select USB/iPod.
- Push the MEDIA button on the faceplate; press the “Source” button on the touchscreen then select USB/iPod to change the mode to the USB device. If the device is connected, music from your portable device plays through the vehicle's speakers.

Audio Jack (AUX)

The AUX jack allows a portable device, such as an MP3 player or an iPod, to be plugged into the radio and utilize the vehicle's audio system. Using a 3.5 mm audio jack plugged into the AUX jack will amplify the source and play the music through the vehicle speakers.



- Push the MEDIA button on the faceplate; press the “Source” button on the touchscreen then select AUX to change the mode to the AUX device. If the device is connected in play mode, music from your portable device will play through the vehicle's speakers.
- The functions of the portable device are controlled using the device. However, the volume may be controlled using the radio or portable device.

Bluetooth

If using a Bluetooth - equipped device, you may also be able to stream music through your vehicle's sound system.

- Push the MEDIA button on the faceplate, press the “Source” button on the touchscreen then select Bluetooth to change the mode to Bluetooth. If the device is paired, music from your portable device plays through the vehicle's speakers.

Uconnect 3/3 NAV Available Media Hubs

Uconnect 3/3 NAV	Media Hub (USB, AUX Ports)
	S

S = Standard Equipment

Navigation

If your vehicle is equipped with Navigation, there will be a NAV button on the faceplate in place of the COMPASS button on the faceplate. See your Uconnect Owner's Manual for additional information.

UCONNECT SETTINGS

The Uconnect system allows you to access Customer Programmable feature settings such as Display, Units, Voice, Clock & Date, Safety/Assistance, Lights, Doors & Locks, Engine Off Options, Audio, Phone/Bluetooth, SiriusXM Setup, Restore Default Settings and Clear Personal Data through buttons on the touchscreen.

To change a setting:

1. Push the SETTINGS  button located on the right side of the display.
2. Select a programmable feature you would like to adjust.
3. Make your selection highlighting the button.

Depending on the vehicles options, the following feature settings are available:

- Display
- Units (If Equipped)
- Voice
- Clock & Date
- Safety/Assistance
- Lights
- Doors & Locks
- Engine Off Options
- Audio
- Phone/Bluetooth
- SiriusXM Setup
- Restore Settings
- Clear Personal Data

Refer to “Uconnect Settings” in “Multimedia” in your Owner's Manual.

STEERING WHEEL AUDIO CONTROLS

The steering wheel audio controls are located on the front surface of the steering wheel.



Steering Wheel Audio Controls

- 1 — Left Switch
- 2 — Right Switch

Left Switch

- Push the switch up or down to increase or decrease the volume.
- No set functionality.

Right Switch

- Push the switch up or down to search for the next listenable station.
- No source functionality.



UCONNECT PHONE

Uconnect Phone (Bluetooth Hands Free Calling)



Uconnect 3/3 NAV With 5-inch Display 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 (Contains 911)
- 12 — End Call

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.

Refer to the “Voice Recognition Quick Tips” in “Multimedia” in the Owner's Manual for further information.

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.
- Canadian Residents visit UconnectPhone.com or call, 1-800-465-2001 (English) or 1-800-387-9983 (French).

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 3/3 NAV:



Uconnect 3/3 NAV

1. Place the ignition in the ACC or ON position.
2. Push the "Phone" button.
3. Select "Settings."
4. Select "Paired Phones."
5. Select "Add device."

NOTE:

Uconnect Phone will display an "In progress" screen while the system is connecting.

Pair Your iPhone:



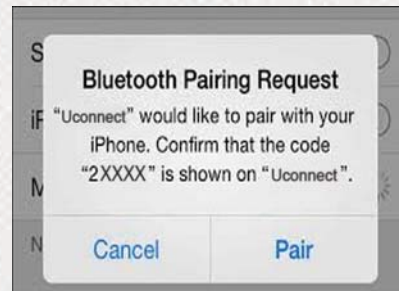
Bluetooth On/Uconnect Device

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:

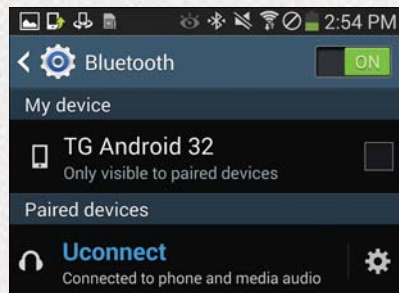
Some mobile phones will require you to enter the PIN number.

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:

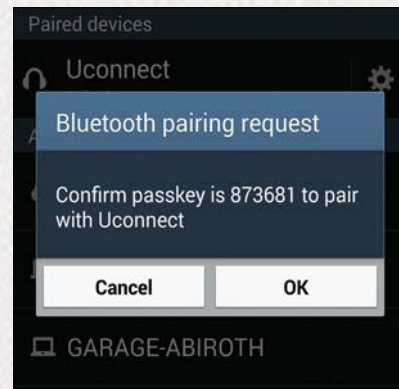


Bluetooth On/Uconnect Device

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 pro-

cess. 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. Push the Uconnect VR button  on your steering wheel to begin.

NOTE:

Refer to UconnectPhone.com 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 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. 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 at the top of the main phone screen.

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

- Use the radio VOLUME 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.

- Start a dialogue by pushing the VR button , then say a command. For example, "Help".

NOTE:

To access help, push the Uconnect VR button  (if active) on the steering wheel and say, "Help." Push the Uconnect VR Pickup button  (if active) or the VR button  (if active) 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.

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.

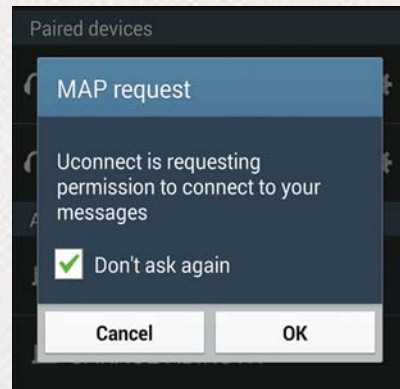


Enable iPhone Incoming Text Messages

Android Devices

1. Press 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 con-

nect 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).
- Perform a factory reset on your mobile phone. Refer to your mobile phone manufacturer or cellular provider for instructions.
- 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".

Mobile Phone won't pair to system:

- Perform a hard reset in the mobile phone by removing the battery (if removable — see your mobile phone's owner manual).
- 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.

Mobile Phonebook didn't download:

- Check "Do not ask again," then accept the "phonebook download" request on your mobile phone.

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.

Regulatory And Safety Information USA/CANADA

Exposure to Radio Frequency Radiation

The radiated output power of the internal wireless radio is far below the FCC and IC radio frequency exposure limits. Nevertheless, the wireless radio will be used in such a manner that the radio is 8 in (20 cm) or further from the human body.

The internal wireless radio operates within guidelines found in radio frequency safety standards and recommendations, which reflect the consensus of the scientific community. The radio manufacturer believes the internal wireless radio is safe for use by consumers. The level of energy emitted is far less than the electromagnetic energy emitted



by wireless devices such as mobile phones. However, the use of wireless radios may be restricted in some situations or environments, such as aboard airplanes. If you are unsure of restrictions, you are encouraged to ask for authorization before turning on the wireless radio.

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.

NOTE:

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
- If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 1. Increase the separation between the equipment and receiver.
 2. Consult the dealer or an experienced radio technician for help.

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 system.

Key Features:

- Five-inch Color Touchscreen Display with AM/FM/SXM/USB/Bluetooth
- Bluetooth with integrated voice control
- GPS navigation (if equipped)



Uconnect 3/3 NAV With 5-inch Display

Get Started

1. Visit **UconnectPhone.com** to check mobile device and feature compatibility and to find phone pairing instructions.
2. Reduce background noise. Wind and passenger conversations are examples of noise that may impact recognition.
3. 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.
4. Each time you give a Voice Command, you must first push either the VR or Phone button, wait until **after** the beep, then say your Voice Command.
5. You can interrupt the help message or system prompts by pushing the VR or Phone button and saying a Voice Command from current category.

All you need to control your Uconnect system with your voice are the buttons on your steering wheel.



Uconnect VR/Phone Buttons

- 1 — Push To Mute
- 2 — Push To Initiate Or To Answer A Phone Call, Send Or Receive A Text
- 3 — Push To End Call
- 4 — Push To Begin Radio Or Media Functions

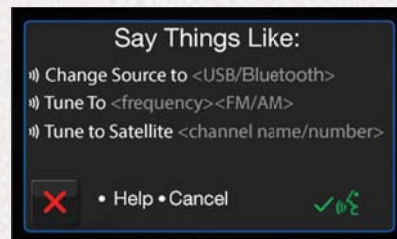
Basic Voice Commands

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.



Uconnect 3/3 NAV Visual Cues



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 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 3/3 NAV Radio

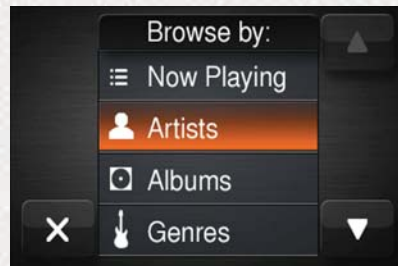
Media

Uconnect offers connections via USB, Bluetooth and auxiliary ports. Voice operation is only available for connected USB and iPod devices.

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 iPod”**
- **“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 iPod or USB device. Your Voice Command must match **exactly** how the artist, album, song and genre information is displayed.



Uconnect 3/3 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.

Visit UconnectPhone.com to check mobile device and feature compatibility and to find phone pairing instructions.

Push the VR button  or Phone button  (if enabled). 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  (if enabled) 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 3/3 NAV With 5-inch Display Phone

Voice Text Reply

Uconnect will announce **incoming** text messages. Push the VR button  or Phone button  (if enabled) and say **“Listen.”** (Must have compatible mobile phone paired to Uconnect system.)

1. Once an incoming text message is read to you, push the VR button  or Phone button  (if enabled). After the beep, say: **“Reply”**
2. Listen to the Uconnect prompts. After the beep, repeat one of the pre-defined messages and follow the system prompts.

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 iOS6 or later supports reading **incoming** text messages only.

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.



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 DriveUconnect.com or call: 1-877-855-8400 (24 hours a day 7 days a week)
- Canadian residents visit DriveUconnect.ca or call: 1-800-465-2001 (English) or 1-800-387-9983 (French)

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: (866) 726-4636

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: (866) 726-4636

Fax: (787) 782-3345



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

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

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

Service Contract

You may have purchased a service contract for a vehicle to help protect you from the high cost of unexpected repairs after the manufacturer's New Vehicle Limited Warranty expires. The manufacturer stands behind only the manufacturer's service contracts. If you purchased a manufacturer's service contract, you will receive Plan Provisions and an Owner Identification Card in the mail within three weeks of the vehicle delivery date. If you have any questions about the service contract, call the manufacturer's Service Contract National Customer Hotline at 1-800-521-9922 (Canadian residents, call (800) 465-2001 English / (800) 387-9983 French).

The manufacturer will not stand behind any service contract that is not the manufacturer's service contract. It is not responsible for any service contract other than the manufacturer's service contract. If you purchased a service contract that is not a manufacturer's service contract, and you require service after

the manufacturer's New Vehicle Limited Warranty expires, please refer to the contract documents, and contact the person listed in those documents.

We appreciate that you have made a major investment when you purchased the vehicle. An authorized dealer has also made a major investment in facilities, tools, and training to assure that you are absolutely delighted with the ownership experience. You will be pleased with their sincere efforts to resolve any warranty issues or related concerns.

WARNING!

Engine exhaust (internal combustion engines only), some of its constituents, and certain vehicle components contain, or emit, chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain, or emit, chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

REPORTING SAFETY DEFECTS

In The 50 United States And Washington, D.C.

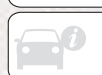
If you believe that your vehicle has a defect that could cause a crash or cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying FCA US LLC.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, an authorized dealer or FCA US LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll free at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>; or write to: Administrator, NHTSA, 1200 New Jersey Avenue, SE., West Building, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

In Canada

If you believe that your vehicle has a safety defect, you should contact the Customer Service Department immediately. Canadian customers who wish to report a safety defect to the Canadian government should contact Transport Canada, Motor Vehicle Defect Investigations and Recalls at 1-800-333-0510 or go to <http://www.tc.gc.ca/roadsafety/>.



PUBLICATION ORDER FORMS

- You can purchase a copy of the Owner's Manual, United States customers may visit the Ram Truck Contact Us page at www.ramtrucks.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 1-866-726-4636 (U.S.) or 1-800-387-1143 (Canada).
- Replacement User Guide kits or, if you prefer, additional printed copies of the Owner's Manual, may be purchased by visiting www.techauthority.com (U.S.) or by calling 1-800-890-4038 (U.S.) or 1-800-387-1143 (Canada).

NOTE:

- The Owner's Manual and User Guide electronic files are also available on the Chrysler, Jeep, Ram Truck, Dodge and SRT websites.
- Click on the "Owners" tab, select "Owner And Service Manuals". Then select your desired model year and vehicle from the drop down lists.

INDEX

Accessories	129	Automatic Transmission		Checking Your Vehicle For Safety	66
Mopar	129	Fluid Type	128	Checks, Safety.	66
Additives, Fuel	74	Auxiliary Driving Systems	41	Child Restraint	61
Air Bag	53			Child Restraints	
Air Bag Operation	54	Back-Up Camera	73	Booster Seats	63
Air Bag Warning Light	52	Battery	33	Child Seat Installation	65
Enhanced Accident Response	101	Charging System Light	33	Infant And Child Restraints	62
Event Data Recorder (EDR)	101	Belts, Seat	67	Older Children And Child Restraints	62
If Deployment Occurs	58	B-Pillar Location	111		
Maintaining Your Air Bag System	60	Brake Fluid.	128	Cleaning	
Maintenance	60	Brake System		Wheels	122
Side Air Bags	55	Warning Light	34	Climate Control	20
Transporting Pets	66	Bulb Replacement	77	Manual	20
Air Bag Light	33, 52, 67	Bulbs, Light.	69, 77	Rear	24
Air Conditioning Filter	26			Clock Settings	132
Air Conditioning, Operating Tips	25	Camera	73	Compact Spare Tire.	121
Air Pressure		Capacities, Fluid	127	Contract, Service	152
Tires	116	Caps, Filler		Cooling System	
Alarm		Fuel	74	Cooling Capacity	127
Security Alarm	14, 35	Oil (Engine)	106	Selection Of Coolant (Antifreeze)	127
Alarm System		Carbon Monoxide Warning.	66	Cruise Light	39
Security Alarm	14	Change Oil Indicator	32	Customer Assistance	151
Antifreeze (Engine Coolant)	127	Changing A Flat Tire.	82, 107	Customer Programmable Features	136
Anti-Lock Warning Light	37	Chart, Tire Sizing	108	Cybersecurity.	130



Defroster, Windshield	67	Oil Selection	127	Fuses	78
Diagnostic System, Onboard	39	Overheating	98	Gas Cap (Fuel Filler Cap)	74
Disable Vehicle Towing	100	Starting	70	Gear Selector Override	99
Do Not Disturb	143	Enhanced Accident Response Feature	101	General Information	43
Door Ajar	33	Exhaust Gas Cautions	66	Hands-Free Phone Uconnect	138
Door Ajar Light	33	Exhaust System	66	Headlights Switch	18
Driver's Seat Back Tilt	14	Exterior Lights	18, 69	Head Restraints	16
Electrical Power Outlets	28	Filters Air Conditioning	26	Heated Seats	15
Electronic Speed Control (Cruise Control)	71	Engine Oil	127	Hood Prop	27
Electronic Throttle Control Warning Light	33	Flashers Turn Signals	38, 69	Hood Release	27
Emergency, In Case Of Freeing Vehicle When Stuck	99	Fluid Capacities	127	Ignition	13
Jacking	82, 107	Fluid Leaks	69	Key	12, 13
Jump Starting	95	Fluids And Lubricants	127	Switch	13
Engine	106	Fold-Flat Seats	14	Ignition Key Removal	13
Break-In Recommendations	70	Freeing A Stuck Vehicle	99	Instrument Cluster	38
Compartment	106	Fuel Additives	74	Display	31
Compartment Identification	106	Filler Cap (Gas Cap)	74	Intermittent Wipers (Delay Wipers)	19
Coolant (Antifreeze)	127	Materials Added	74	Introduction	1
Exhaust Gas Caution	66	Octane Rating	127	iPod/USB/MP3 Control Bluetooth Streaming Audio	138
Fuel Requirements	127	Requirements	127	Jacking And Tire Changing	82
Jump Starting	95	Tank Capacity	127		
Oil	127				
Oil Filler Cap	106				

Jacking And Tire Changing Instructions . . .	86
Jack Location	82
Jack Operation	82, 107
Jump Starting	95
Key-In Reminder	14
Keys	12
Lane Change Assist	19
Lap/Shoulder Belts	46
Latches	69
Hood	27
Leaks, Fluid	69
Life Of Tires	118
Light Bulbs	69, 77
Lights	69
Air Bag	33, 52, 67
Brake Warning	34
Bulb Replacement	77
Cruise	39
Dimmer Switch, Headlight	18
Electronic Stability Program(ESP) Indicator	34
Exterior	18, 69
Headlights	18
Malfunction Indicator (Check Engine)	37

Park	18, 39
Security Alarm	35
Service	77
Tire Pressure Monitoring (TPMS) . . .	41
Turn Signals	18, 38, 69
Warning Instrument Cluster Descriptions	34, 38
Loading Vehicle Tires	111
Low Tire Pressure System	41
Lug Nuts/Bolts	126
Maintenance Schedule	102
Malfunction Indicator Light (Check Engine)	37
Manual Service	154
Media Center (Radio)	148
Monitor, Tire Pressure System	41
Mopar Accessories	129
Multi-Function Control Lever	18
Navigation	136
New Vehicle Break-In Period	70
Occupant Restraints	44
Oil Change Indicator	32

Reset	32
Oil, Engine	127
Capacity	127
Filter	127
Pressure Warning Light	35
Recommendation	127
Viscosity	127
Oil Pressure Light	35
Onboard Diagnostic System	39
Operating Precautions	39
Operator Manual Owner's Manual	154
Overheating, Engine	98
Pets	66
Phone Pairing	139
Phonebook	142
Phone, Hands-Free (Uconnect)	138
Phone (Uconnect)	138
Placard, Tire And Loading Information	111
Power Outlet (Auxiliary Electrical Outlet) . .	28
Power Steering Fluid	128
Pregnant Women And Seat Belts	49



- Preparation For Jacking. 82, 86
- Radial Ply Tires 117
- Radio 131, 148
- Radio Frequency
 - General Information 13
- Radio Operation 134
- Radio (Sound Systems) 148
- Rear Camera 73
- Recreational Towing 75
- Release, Hood 27
- Reminder, Seat Belt 45
- Replacement Bulbs. 77
- Replacement Tires 118
- Reporting Safety Defects 153
- Restraints, Child 61
- Restraints, Head 16
- Roll Over Warning 2
- Safety Checks Inside Vehicle 67
- Safety Checks Outside Vehicle 69
- Safety Defects, Reporting 153
- Safety, Exhaust Gas 66
- Safety Information, Tire 107
- Safety Tips 66
- Schedule, Maintenance 102
- Seat Belts. 45, 67
- Adjustable Shoulder Belt 48
- Adjustable Upper Shoulder
 - Anchorage 48
- Adjustable Upper Shoulder Belt
 - Anchorage 48
- Automatic Locking Retractor (ALR) . .50
- Child Restraints 61
- Energy Management Feature 50
- Front Seat 45, 46, 47
- Inspection 67
- Lap/Shoulder Belt Operation 47
- Lap/Shoulder Belts 46
- Lap/Shoulder Belt Untwisting 48
- Operating Instructions 47
- Pregnant Women 49
- Rear Seat 46
- Reminder 45
- Untwisting Procedure 48
- Seats 14
 - Adjustment 14
 - Heated 15
 - Rear Folding 14
 - Tilting 14
- Security Alarm 14, 35
- Selection Of Coolant (Antifreeze). . . .127
- Service Assistance 151
- Service Contract. 152
- Service Manuals. 154
- Shift Lever Override 99
- Shoulder Belts. 46
- Signals, Turn 38, 69
- Snow Tires 120
- Spare Tires 120, 121, 122
- Spark Plugs 127
- Speed Control (Cruise Control). 71
- Starting 70
 - Button 13
- Steering. 17
 - Column Lock 17
- Steering Wheel Audio Controls 137
- Storage, Vehicle. 26
- Supplemental Restraint System –
 - Air Bag 53
- Telescoping Steering Column 17
- Text Messages 144
- Tire And Loading Information Placard. .111
- Tire Markings. 107
- Tires 69, 115, 120, 124
 - Aging (Life Of Tires) 118
 - Air Pressure 115
 - Changing 82, 107
 - Compact Spare 121
 - General Information 115, 120

High Speed	116	Disabled Vehicle	100	Untwisting Procedure, Seat Belt	48
Inflation Pressure	116	Guide	75	Vehicle Loading	112
Jacking	82, 107	Recreational	75	Vehicle Storage	26
Life Of Tires	118	Weight	75	Voice Command	143, 146, 148
Load Capacity	111, 112	Towing Behind A Motorhome	75	Commands	142
Pressure Monitoring		Trailer Towing	75	Voice Recognition	
System (TPMS)	35, 41	Trailer Towing Guide	75	System (VR)	142, 143, 146, 148
Quality Grading	124	Trailer Weight	75		
Radial	117	Transmission			
Replacement	118	Fluid	128	Warning Lights (Instrument Cluster	
Safety	107, 115	Transporting Pets	66	Descriptions)	37
Sizes	108	Tread Wear Indicators.	118	Warnings, Roll Over	2
Snow Tires	120	Turn Signals	38	Wheel And Wheel Tire Care	122
Spare Tires	120, 122			Wheel And Wheel Tire Trim	122
Spinning	117	Uconnect (Hands-Free Phone)		Window Fogging.	26
Tread Wear Indicators	118	Making A Phone Call	138	Windshield Defroster	67
Wheel Nut Torque	126	Receiving A Call	138	Windshield Washers	19
Tire Safety Information.	107	Uconnect Phone.	138	Fluid	19
Tire Service Kit	90, 91, 92, 94, 95	Uconnect Voice Command.	148	Windshield Wipers	19
To Open Hood	27	Uniform Tire Quality Grades.	124	Wipers, Intermittent	19
Towing	75, 100				



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

This guide has been prepared to help you get quickly acquainted with your new RAM 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 RAM brand dealer.

DRIVING AND ALCOHOL

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

WARNING

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





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 RAM 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 "ram toolbox" (U.S. residents only).

WWW.RAMTRUCKS.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).



RAM
COMMERCIAL

RAMTRUCKS.COM (U.S.) RAMTRUCKS.CA (CANADA)

©2018 FCA US LLC. All Rights Reserved. RAM is a registered trademark of FCA US LLC. App Store is a registered trademark of Apple Inc. Google Play Store is a registered trademark of Google.



19VF-926-AA
FIRST EDITION