

RAM

PROMASTER

2014 USER GUIDE



RAM

COMMERCIAL



If you are the first registered retail owner of your vehicle, you may obtain a complimentary printed copy of the Owner's Manual, Navigation/Uconnect® Manuals or Warranty Booklet by calling 1-866-726-4636 (U.S.) or 1-800-387-1143 (Canada) or by contacting your dealer.

IMPORTANT

This User Guide is intended to familiarize you with the important features of your vehicle. **The DVD enclosed contains your Owner's Manual, Navigation/Uconnect® Manuals, Warranty Booklets, Tire Warranty and Roadside Assistance (new vehicles purchased in the U.S.) or Roadside Assistance (new vehicles purchased in Canada) in electronic format.** We hope you find it useful. Replacement DVD kits may be purchased by visiting www.techauthority.com.
Copyright 2016 FCA US LLC.

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. Chrysler Group 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 cell phones, 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.

TABLE OF CONTENTS

INTRODUCTION/WELCOME

WELCOME FROM FCA US LLC	2
-------------------------	---

CONTROLS AT A GLANCE

DRIVER COCKPIT	4
INSTRUMENT CLUSTER	6

GETTING STARTED

KEY FOB	8
SEAT BELT	8
SUPPLEMENTAL RESTRAINT SYSTEM (SRS) — AIR BAGS	9
FRONT SEATS	10
HEATED SEATS	15
TELESCOPING STEERING COLUMN	16

OPERATING YOUR VEHICLE

ENGINE BREAK-IN RECOMMENDATIONS	17
MANUAL CLIMATE CONTROLS	18
TURN SIGNALS/HEADLIGHTS/HIGH BEAMS LEVER	19
INTERIOR LIGHTS	20
WIPER/WASHER LEVER	21
ELECTRONIC SPEED CONTROL	22
PARKSENSE® REAR PARK ASSIST	24
PARKVIEW® REAR BACK-UP CAMERA	25

ELECTRONICS

YOUR VEHICLE'S SOUND SYSTEM	26
IDENTIFYING YOUR RADIO	28
Uconnect® RH3	29
Uconnect® 5.0	31
STEERING WHEEL AUDIO CONTROLS	41
ELECTRONIC VEHICLE INFORMATION CENTER (EVIC)	41
PROGRAMMABLE FEATURES	42
POWER OUTLETS	43

UTILITY

TRAILER TOWING WEIGHTS (MAXIMUM TRAILER WEIGHT RATINGS)	44
RECREATIONAL TOWING (BEHIND MOTORHOME, ETC.)	44

DIESEL

DIESEL ENGINE BREAK-IN RECOMMENDATIONS	46
DIESEL ENGINE STARTING PROCEDURES	46
AUTOMATED MANUAL TRANSMISSION — DIESEL ONLY	48
EXHAUST REGENERATION	52
COOL-DOWN IDLE CHART	54
ADDING FUEL	54
DIESEL EXHAUST FLUID	55

WHAT TO DO IN EMERGENCIES

ROADSIDE ASSISTANCE	58
INSTRUMENT CLUSTER WARNING LIGHTS	58
INSTRUMENT CLUSTER INDICATOR LIGHTS	62
IF YOUR ENGINE OVERHEATS	63
JACKING AND TIRE CHANGING	64
JUMP-STARTING	79
SHIFT LEVER OVERRIDE	81
TOWING A DISABLED VEHICLE	82
FREEDOM A STUCK VEHICLE	82
EVENT DATA RECORDER (EDR)	83

MAINTAINING YOUR VEHICLE

OPENING THE HOOD	84
ENGINE COMPARTMENT	85
FLUID CAPACITIES — GASOLINE ENGINE	87
FLUIDS, LUBRICANTS AND GENUINE PARTS — GASOLINE ENGINE	87
FLUID CAPACITIES — DIESEL ENGINE	89
FLUIDS, LUBRICANTS AND GENUINE PARTS — DIESEL ENGINE	89
MAINTENANCE SCHEDULE — GASOLINE ENGINE	92
MAINTENANCE SCHEDULE — DIESEL ENGINE	97
FUSES	102
TIRE PRESSURES	105
WHEEL AND WHEEL TRIM CARE	106
BULBS	107

CUSTOMER ASSISTANCE

FCA US LLC CUSTOMER CENTER	108
FCA CANADA INC. CUSTOMER CENTER	108
ASSISTANCE FOR THE HEARING IMPAIRED	108
PUBLICATIONS ORDERING	108
REPORTING SAFETY DEFECTS IN THE UNITED STATES	109

MOPAR® ACCESSORIES

AUTHENTIC ACCESSORIES BY MOPAR®	110
---------------------------------	-----

FAQ's

FAQ's	111
-------	-----

INDEX	112
-------	-----

INTRODUCTION/WELCOME

WELCOME FROM FCA US LLC

Congratulations on selecting your new FCA US LLC vehicle. Be assured that it represents precision workmanship, distinctive styling, and high quality - all essentials that are traditional to our vehicles.

Your new FCA US LLC vehicle has characteristics to enhance the driver's control under some driving conditions. These are to assist the driver and are never a substitute for attentive driving. They can never take the driver's place. Always drive carefully.

Your new vehicle has many features for the comfort and convenience of you and your passengers. Some of these should not be used when driving because they take your eyes from the road or your attention from driving. Never text while driving or take your eyes more than momentarily off the road.

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

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

The DVD includes a computer application containing detailed owner's information which can be viewed on a personal computer or MAC computer. The multimedia DVD also includes videos which can be played on any standard DVD player (including the Uconnect® Touchscreen Radios if equipped with DVD player capabilities). Additional DVD operational information is located on the back of the DVD sleeve.

For complete owner information, refer to your Owner's Manual on the DVD in the owner's kit provided at the time of new vehicle purchase. For your convenience, the information contained on the DVD may also be printed and saved for future reference.

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.

INTRODUCTION/WELCOME

VEHICLES SOLD IN CANADA

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

WARNING!

- Pedals that cannot move freely can cause loss of vehicle control and increase the risk of serious personal injury.
- Always make sure that objects cannot fall into the driver foot well while the vehicle is moving. Objects can become trapped under the brake pedal and accelerator pedal causing a loss of vehicle control.
- Failure to properly follow floor mat installation or mounting can cause interference with the brake pedal and accelerator pedal operation causing loss of control of the vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the shift lever/transmission gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition of a vehicle equipped with Keyless Enter-N-Go in the ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.
- Never use the 'PARK' position as a substitute for the parking brake. Always apply the parking brake fully when parked to guard against vehicle movement and possible injury or damage.
- Refer to your Owner's Manual on the DVD for further details.

USE OF AFTERMARKET PRODUCTS (ELECTRONICS)

The use of aftermarket devices including cell phones, MP3 players, GPS systems, or chargers may affect the performance of on-board wireless features including Keyless Enter-N-Go™ and Remote Start range. If you are experiencing difficulties with any of your wireless features, try disconnecting your aftermarket devices to see if the situation improves. If your symptoms persist, please see an authorized dealer.

CHRYSLER, DODGE, JEEP, RAM TRUCK, SRT, ATF+4, MOPAR and Uconnect are registered trademarks of FCA US LLC.

COPYRIGHT ©2016 FCA US LLC



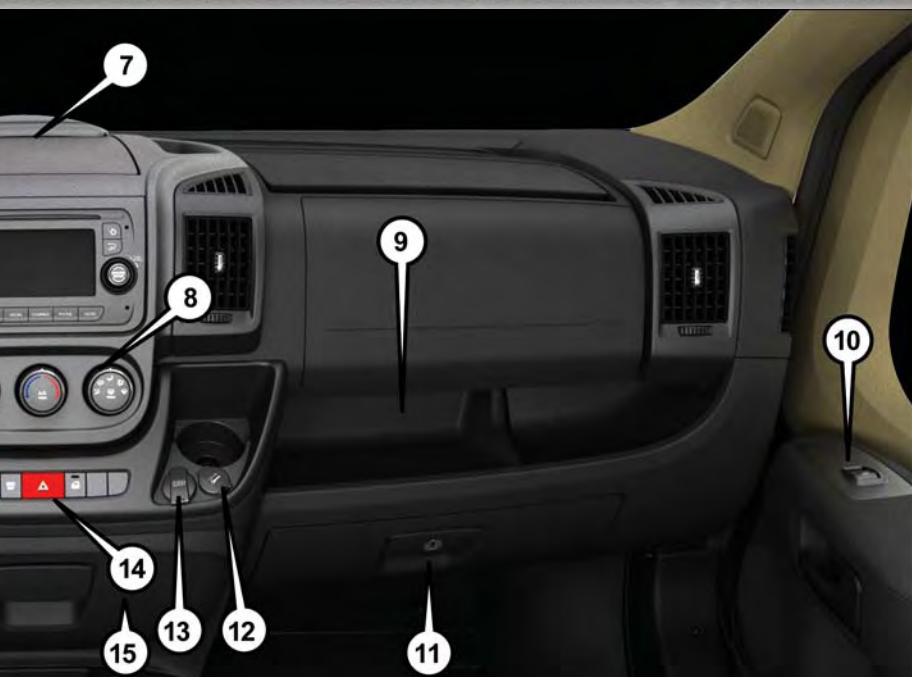
CONTROLS AT A GLANCE



DRIVER COCKPIT

1. Power Mirrors
2. Headlight Switch pg. 19
3. Instrument Cluster/Electronic Vehicle Information Center (EVIC) Display pg. 6
4. Wiper/Washer pg. 21
5. Transmission Shifter
6. Audio System (Touchscreen Radio Shown) pg. 26
7. Clip Board
8. Climate Controls pg. 18
9. Storage
10. Power Window Switch
11. Glove Compartment

CONTROLS AT A GLANCE



- 12. Power Outlet pg. 43
- 13. USB Port (Charging Only)
- 14. Switch Panel
 - Front Fog Lights
 - Electronic Stability Control (ESC) OFF pg. 62
 - Hazard Warning Switch
 - Central Door Lock Switch
- 15. Storage — If Equipped
- 16. USB Port
- 17. Ignition Switch
- 18. Uconnect® Phone Controls pg. 35
- 19. Uconnect® Controls pg. 35
- 20. Speed Control pg. 22
- 21. Hood Release pg. 35
- 22. Power Windows

CONTROLS AT A GLANCE



INSTRUMENT CLUSTER

1. Speedometer
2. Turn Signal Lights
3. Electronic Vehicle Information Center (EVIC)
4. Fuel Gauge

(See page 58 for Instrument Cluster Indicator Lights.)

CONTROLS AT A GLANCE



- 5. Turn Signal Lights
- 6. Tachometer
- 7. Temperature Gauge

(See page 62 for Instrument Cluster Indicator Lights.)

GETTING STARTED

KEY FOB

Locking And Unlocking The Doors

- Press the LOCK button once to lock all the doors.
- Press the UNLOCK button once to unlock the driver's door only and twice within five seconds to unlock all the doors.

All doors can be programmed to unlock on the first press of the UNLOCK button. Refer to the Owner Manual on your DVD for further information.

SEAT BELT

Be sure everyone in your vehicle is in a seat and using a seat belt properly.

- Position the lap belt across your thighs, below your abdomen. To remove slack in the lap portion, pull up a bit 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 belt reduces the risk of sliding under the belt in a collision.
- Position the shoulder belt on your chest so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the belt.

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 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 frayed or torn belt could rip apart in a collision and leave you with no protection. Inspect the belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system. Seat belt assemblies must be replaced after a collision if they have been damaged (bent retractor, torn webbing, etc.).

The seat belts for both front seating positions are equipped with pretensioning devices that are designed to remove slack from the seat belt in the event of a collision.

A deployed pretensioner or a deployed air bag must be replaced immediately.



Key Fob

- 1 — Cargo Doors
- 2 — Unlock
- 3 — Lock

GETTING STARTED

WARNING!

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.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS) — AIR BAGS

NOTE:

The Driver and Passenger Front Air Bags are certified to the new Federal regulations for Front Air Bags.

- This vehicle is equipped with a driver and/or front passenger seat belt buckle switch that detects whether the driver or front passenger seat belt is fastened.
- This vehicle is equipped with Supplemental Side Air Bag Inflatable Curtains (SABIC) to protect the driver and front passengers sitting next to a window. The vehicle SABIC air bags are located above the side windows and their covers are labeled: AIRBAG. This vehicle is equipped with Supplemental Seat-Mounted Side Air Bags (SAB) to provide enhanced protection for an occupant during a side impact. The Supplemental Seat-Mounted Side Air Bags are located in the outboard side of the front seats.

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.

If the Air Bag Warning Light  is not on during starting, stays on, or turns on while driving, have the vehicle serviced by an authorized dealer immediately.

Refer to the Owner's Manual on the DVD for further details regarding the Supplemental Restraint System (SRS).

GETTING STARTED

WARNING!

- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, the air bags won't deploy at all. Always wear your seat belts even though you have air bags.
- 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 your arms to reach the steering wheel or instrument panel.
- Supplemental Side Air Bag Inflatable Curtains and Supplemental Seat-Mounted 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 Supplemental Side Air Bag Inflatable Curtain and/or Seat-Mounted Side Air Bag during deployment could cause you to be severely injured or killed.
- 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.
- After any collision, the vehicle should be taken to an authorized dealer immediately.

FRONT SEATS

Forward/Rearward

The forward/rearward adjusting bar is located at the front of the seat near the floor.

- Lift up on the adjusting bar and release it when the seat is at the desired position. Then, using body pressure, move forward and rearward on the seat to be sure that the seat adjusters have latched.

Lumbar Support

The lumbar control knob is located on the rear upper outboard side of the driver's seatback.

- Rotate the control forward to increase and rearward to decrease the desired amount of lumbar support.



Forward/Rearward And Lumbar Controls

- 1 — Forward/Rearward Adjusting Bar
2 — Lumbar Knob

GETTING STARTED

Height Adjustment — Without Swivel Seat

The height adjusting levers are located on the center outboard side of the seat.

- Lift up on the front lever to adjust the front of the seat up or down.
- Lift up on the rear lever to adjust the rear of the seat up or down.



Height Adjusting Levers

- 1 — Front Height Adjusting Lever
2 — Rear Height Adjusting Lever
-

Height Adjustment — With Swivel Seat

The height adjusting knobs are located on the center outboard side of the seat.

- Rotate the front knob to adjust the front of the seat up or down.
- Rotate the rear knob to adjust the rear of the seat up or down.



Height Adjustment Knobs

- 1 — Front Height Adjusting Knob
2 — Rear Height Adjusting Knob
-

GETTING STARTED

Recliner — Without Swivel Seat

The recliner knob is located on the rear outboard side of the seat.

- To recline the seatback, lean back, rotate the recliner knob rearward to position the seatback as desired.
- To return the seatback to its normal upright position, lean forward and rotate the recliner knob forward until the seatback is in the upright position.



Recliner Knob

Recliner — With Swivel Seat

The recliner lever is located at the lower front outboard side of the seat.

- To recline the seatback, lean forward slightly, pull the lever outward, lean back to the desired position and release the lever.
- To return the seatback to its normal upright position, lean forward and pull the lever outward. Release the lever once the seatback is in the upright position.



Recliner Lever

GETTING STARTED

Air Seat Adjustment

The seat is equipped with a mechanical spring system and hydraulic shock absorber to ensure maximum comfort and safety. The system of springs also effectively absorbs impact from uneven road surfaces.

- Use the weight adjustment knob to set the required setting based on body weight, with settings between 88 lbs (40 kg) and 286 lbs (130 kg).



1 — Weight Adjustment Knob

Swivel Seat Adjustment

The swivel seat lever is located at the lower front inboard side of the seat.

- The seat may be turned 180° toward the seat on the opposite side and approximately 35° toward the door.
- The seat may be locked in the driving position or at the 180° position.
- To swivel the seat, pull the swivel seat lever outward, turn the seat to the desired position and release the lever.



Swivel Seat Lever

GETTING STARTED

Armrest Height Adjustment

The height adjusting rotating knob is located underneath the front of the drivers and passengers armrest.

- Rotate the knob to adjust the armrest up or down.



1 — Armrest Height Adjustment Knob

WARNING!

- Adjusting a seat while the vehicle is moving is dangerous. The sudden movement of the seat could cause you to lose control. The seat belt might not be properly adjusted, and you could be severely injured or killed. Only adjust a seat while the vehicle is parked.
- Do not ride with the seatback reclined so that the seat belt is no longer resting against your chest. In a collision, you could slide under the seat belt and be severely injured or killed. Use the recliner only when the vehicle is parked.
- Be certain that the seat cushion is locked securely into position before using the seat. Otherwise, the seat will not provide the proper stability for passengers. An improperly latched seat cushion could cause serious injury.

GETTING STARTED

HEATED SEATS

Front Heated Seats

The controls for the front heated seats are located on the lower outboard side of the seat.

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



1 — Heated Seat Switch

WARNING!

- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, exhaustion or other physical conditions must exercise care when using the 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 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.

GETTING STARTED

TELESCOPING STEERING COLUMN

The telescoping control handle is located below the steering wheel at the end of the steering column.

- 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.



1 — Telescoping Control Handle

OPERATING YOUR VEHICLE

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 "Maintaining Your Vehicle."

NOTE:

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

CAUTION!

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

OPERATING YOUR VEHICLE

MANUAL CLIMATE CONTROLS



Manual Climate Controls

- | | |
|-----------------------------------|---------------------------------------|
| 1 — Rotate Blower Control | 4 — Push A/C Button |
| 2 — Push Air Recirculation Button | 5 — Rotate Mode Control |
| 3 — Rotate Temperature Control | 6 — Push Rear Window Defroster Button |

Air Recirculation

- Use Recirculation for maximum A/C operation.
- For window defogging, turn the Recirculation button off.
- Recirculation is not allowed in defrost.
- Recirculation is allowed in floor mode and defrost/floor (mix modes) for approximately five minutes.

Heated Mirrors

The mirrors are heated to melt frost or ice. This feature is activated whenever you turn on the rear window defroster.

OPERATING YOUR VEHICLE

TURN SIGNALS/HEADLIGHTS/HIGH BEAMS LEVER



Turn Signal Headlight Lever

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

Turn Signals/Lane Change Assist

- Tap the lever up or down once and the turn signal (right or left) will flash four times and automatically turn off.

Headlights/Parking Lights

- Rotate the end of the lever to the first detent for parking lights and headlight operation.

NOTE:

The ignition switch must be in the ON/RUN position for the headlights to operate.

High Beam Operation

- Pull the multifunction lever toward you to switch the headlights to high beam.
- Pull the multifunction lever a second time to switch the headlights back to low beam.

A high beam symbol will illuminate in the cluster to indicate the high beams are on.

NOTE:

For safe driving, turn off the high beams when oncoming traffic is present to prevent headlight glare and as a courtesy to other motorists.

OPERATING YOUR VEHICLE

INTERIOR LIGHTS

Map/Dome Lights

These lights are mounted between the sun visors on the overhead console. Each light is turned on by pressing the corresponding switch.

Left Switch

- Press the left switch to the left to turn OFF the auto dome lights. The dome lights will not automatically turn on when a door is opened.
- Press the left switch to the right to turn ON the dome lights.

Right Switch

- Press the right switch to the left to turn ON the left map light.
- Press the right switch to the right to turn ON the right map light.



Map/Dome Lights

- | | |
|--------------|---------------|
| 1 — Auto/Off | 3 — Left Map |
| 2 — Dome | 4 — Right Map |

Dimmer Controls

The dimmer controls are located on the left side of the instrument panel below the instrument cluster.

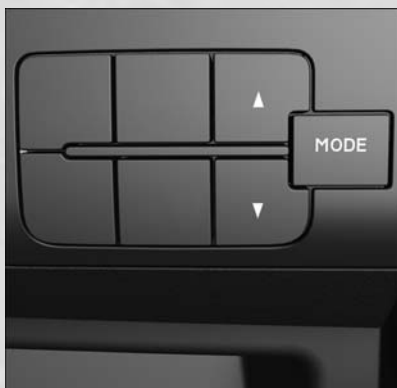
- Press and release the UP  button to increase the brightness of the instrument panel lights.
- Press and release the DOWN  button to decrease the brightness of the instrument panel lights.

Cargo Lamp

The Rear Cargo Lamp is located at the upper rear cargo area above the rear doors.

Your vehicle may be equipped with a Side Cargo Lamp located at the upper rear area of the passenger side sliding door opening.

The Cargo Lamps can be set to three different positions (Off/Right Position, Center Position, On/Left Position).



Dimmer Controls

OPERATING YOUR VEHICLE

- Press the Cargo Lamp lens to the right from its center position and the lamp is always off.
- Leave the Cargo Lamp lens in the center position, and the lamp is turned on and off when the sliding doors or rear doors are opened or closed.
- Press the Cargo Lamp lens to the left from its center position and the lamp is always on.

WIPER/WASHER LEVER



Wiper Washer Lever

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

The Wiper/Washer Lever is located on the right side of the steering column.

Front Wipers

Intermittent, Low And High Operation

- Push the lever downward to the first detent and rotate the center ring to use one of the four intermittent wiper settings.
- Push the lever downward to the second detent for low wiper operation.
- Push the lever downward to the third detent for high wiper operation.

Washer Operation

- Pull the lever toward you and hold for as long as spray is desired.

Mist

- Push the lever upward and release when a single wipe is desired.

OPERATING YOUR VEHICLE

NOTE:

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

ELECTRONIC SPEED CONTROL



Electronic Speed Control Lever

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

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

Cruise ON/OFF

- Rotate the center ring upward on the electronic speed control lever to turn the system ON.

The cruise symbol (Ⓢ) will appear on the instrument cluster to indicate the Speed Control is on.

- To turn the system OFF, rotate the center ring upward a second time.

Set

- With the Speed Control on, push the electronic speed control lever upward SET (+) and release to set a desired speed.

OPERATING YOUR VEHICLE

Accel/Decel

To Increase Speed

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

The speed increment shown is dependant on the speed of U.S. (mph) or Metric (km/h) units:

U.S. Speed (mph)

- Tapping the Speed Control lever up (+) 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 (+) once will result in a 2 km/h increase in set speed. Each subsequent tap of the lever results in an increase of 2 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 Electronic Speed Control is set, you can decrease speed by tapping the Speed Control lever down (-).

The speed decrement shown is dependant on the speed of U.S. (mph) or Metric (km/h) units:

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 2 km/h decrease in set speed. Each subsequent tap of the lever results in a decrease of 2 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.

Resume

- To resume a previously set speed, push the RES button and release.

Cancel

- A soft tap on the brake pedal, pushing the RES button, or normal brake pressure while slowing the vehicle will deactivate the 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.

OPERATING YOUR VEHICLE

WARNING!

- Leaving the Electronic Speed Control system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have a collision. Always leave the Electronic Speed Control system off when you are not using it.
- Electronic Speed Control can be dangerous where the system cannot maintain a constant speed. Your vehicle could go too fast for the conditions, and you could lose control. A collision could be the result. Do not use Electronic Speed Control in heavy traffic or on roads that are winding, icy, snow-covered or slippery.

PARKSENSE® REAR PARK ASSIST

If an object is detected behind the rear bumper while the vehicle is in REVERSE, a chime sounds. The chime rate changes depending on the distance of the object, getting faster as the object gets closer to the bumper. The chime sounds off continuously when the distance between the vehicle and the obstacle is less than 12 inches (30 cm).

OPERATING YOUR VEHICLE

PARKVIEW® REAR BACK-UP CAMERA

You can see an on-screen image of the rear of your vehicle whenever the shift lever 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!

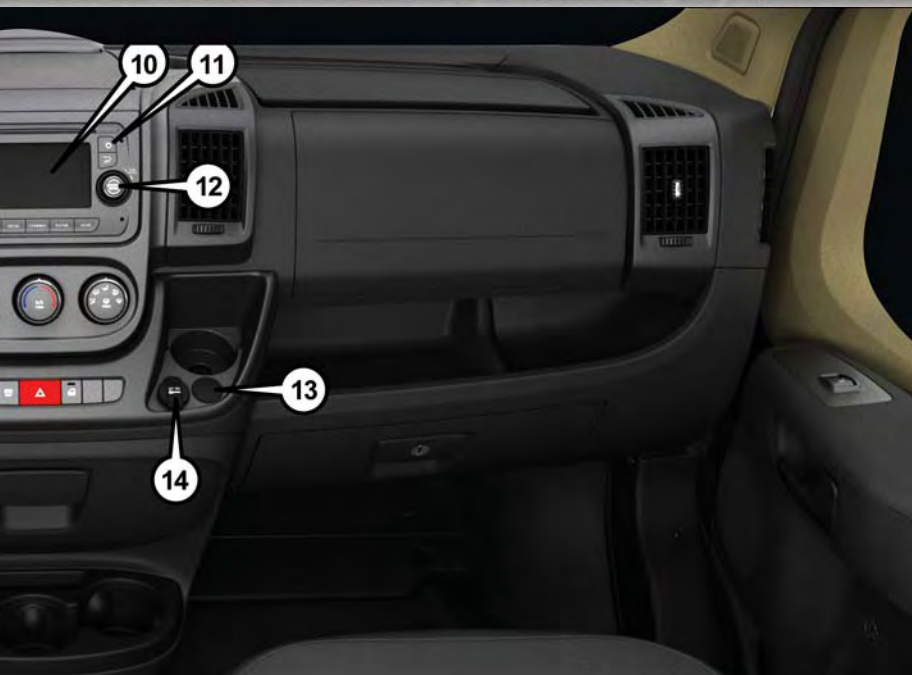
Drivers must be careful when backing up; even when using the ParkView® Rear Back-Up Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You must continue to pay attention while backing up. Failure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

ELECTRONICS



YOUR VEHICLE'S SOUND SYSTEM

1. Uconnect® Phone Mute Button
2. Uconnect® Phone Button pg. 35
3. Steering Wheel Audio Controls (Right) pg. 41
4. Phone Hang Up Button
5. Uconnect® Voice Command Button pg. 38
6. USB/Audio Jack pg. 34
7. Volume Knob/Audio Mute Button pg. 31



- 8. Eject Button pg. 31
- 9. CD Slot pg. 34
- 10. Uconnect® Radio pg. 31
- 11. Display On/Off Button
- 12. Tune/Scroll Knob/Browse/Enter Button
- 13. Front Power Outlet/Cigar Lighter pg. 43
- 14. USB Port (Charging Only)

ELECTRONICS

IDENTIFYING YOUR RADIO

Uconnect® RH3

- Single Din Mono-Chromatic
- Manual Three-Knob Climate Control



Uconnect® RH3

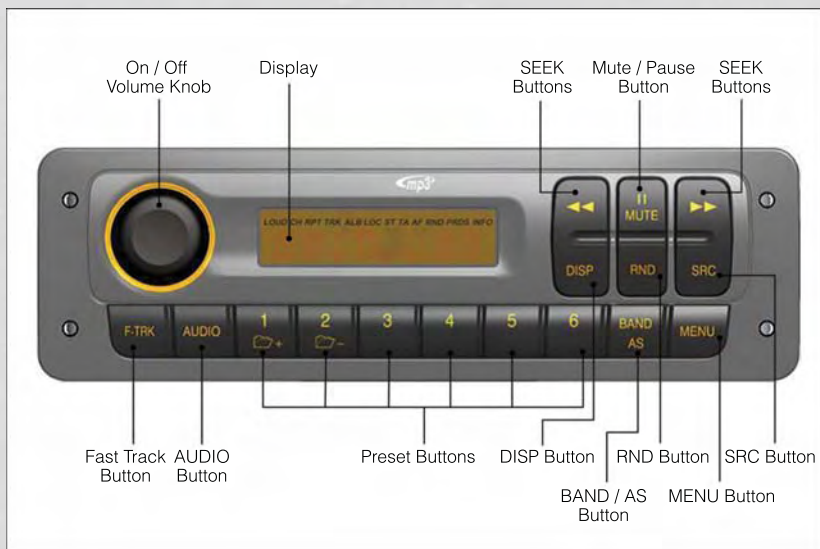
Uconnect® 5.0

- 5" Color Touchscreen
- Manual Three-Knob Climate Control



Uconnect® 5.0

Uconnect® RH3



Uconnect® RH3

Enable Or Disable Clock

1. Press the DISP button for more than two seconds to enable or disable the Clock.
2. When this function is enabled, the display shows the message "CLK ON" and the clock is displayed whenever the ignition is On, even with the radio Off. In 10 seconds if no radio key is pressed, the display returns to the clock.
3. When this function is disabled, the message "CLK OFF" is displayed on the radio display.

NOTE:

This procedure sets the time on the radio clock ONLY. To set the time in the Electronic Vehicle Information Center, please refer to the section titled Electronic Vehicle Information Center (EVIC) in this manual.

ELECTRONICS

Equalizer, Balance And Fade

- Adjust Equalizer of bass and treble
- Balance left/right (BALANCE) and front/rear (FADER)
- Strengthen sound (loudness)

Equalization

- Press the AUDIO button for more than two seconds to access equalization: FLAT, ROCK, CLASSIC, POP, VOCAL, JAZZ, USER or FLAT.
- Pressing AUDIO more than once changes equalization options. If this key is not pressed again for five seconds or the ROTARY is pressed, the display returns to the previously selected view and the adjustments made is saved.

Balance, Fade, Loudness, Bass And Treble

- Pressing the AUDIO button for less than two seconds accesses an audio function.
- Pressing AUDIO more than once accesses other functions (e.g. Bass, Treble, Balance, Fader, Loudness and Bass). If this key is not pressed again for five seconds or the ROTARY is pressed, the display returns to the previously selected view and the adjustments made is saved. The Bass and Treble functions are only accessible if the USER EQ has been selected.

Radio Operation

Seek Up/Seek Down

- Press the “double arrows” to the left for less than two seconds to seek down to the next station. Press the “double arrows” to the right for less than two seconds to seek up to the next station.

Radio Presets

- When you are receiving a station that you wish to commit into memory, press and hold the desired numbered memory button (1 through 6) for more than three seconds.

USB/MP3 Audio Jack

- USB/iPod® Mode is entered by inserting a USB Jump Drive or an iPod® cable into the USB port.

WARNING!

To remove devices connected to the USB port, first select the other audio source. Failure to follow this procedure can cause damage to the connected device. Due to the extensive range of makes and models of storage devices available on the market, not all devices have compatibility required for proper functioning of Car Radios. Use only quality USB devices.

Forward/Reverse Folder

- Press the button memory 1 to advance to the first track of the next folder that contains audio files. Press the button memory 2 to go back to the first track in the previous folder that contains audio files. When this operation is performed, the display shows the name of the selected folder.

Song Shuffle

- Press the RND to "shuffle songs". When enabled, "RND ON" is on the displayed for two seconds. After this period the display reverts to the previous view. When this button is pressed again, the function is disabled, and the display indicates "RND OFF" for two seconds. After this period the display reverts to the view previously selected.

Uconnect® 5.0



Uconnect® 5.0

Clock Setting

1. To start the clock setting procedure, press the SETTINGS hard-key on the right side of the display, then "Clock & Date" soft-key, and then "Set Time & Format" soft-key. Select the up or down arrows as appropriate.
2. Touch the "Up or Down arrows" to adjust the hours or minutes, next select the AM or PM soft-key. You can also select 12hr or 24hr format by touching the desired soft-key.

ELECTRONICS

3. Once the time is set press the “Done” or “back arrow” soft-key to exit the time screen.

NOTE:

Once the time has been set on the radio, the time will also appear in the Electronic Vehicle Information Center (EVIC).

Equalizer, Balance And Fade

1. Press the SETTING hard-key on the right side of the display.
2. Scroll down and touch the “Audio” soft-key to open the Audio menu.
3. The Audio Menu shows the following options for you to customize your audio settings.

Equalizer

- Touch the “Equalizer” soft-key to adjust the Bass, Mid and Treble. Use the + or - soft-key to adjust the equalizer to your desired settings.

Balance/Fade

- Touch the “Balance/Fade” soft-key to adjust the sound from the speakers. Use the “arrow” soft-keys to adjust the sound level from the front and rear or right and left side speakers. Touch the Center “C” soft-key to reset the balance and fade to the factory setting.

Speed Adjusted Volume

- Touch the “Speed Adjusted Volume” soft-key to select between OFF, 1, 2 or 3. This decreases the radio volume relative to a decrease in vehicle speed.

Loudness

- Touch the “Loudness” soft-key to select the Loudness feature. When this feature is activated it improves sound quality at lower volumes.

Surround Sound

- Touch the “Surround Sound” soft-key, select On or Off followed by touching the “back arrow” soft-key. When this feature is activated, it provides simulated surround sound mode.

Radio Off Delay

- Touch the “Radio Off Delay” soft-key and select 0 – 20 minutes followed by touching “Done” or the “back arrow” soft-key. When this feature is activated, the radio remains on for the selected amount of time while the engine is off.

Auto-On Radio

- Touch the “Auto-On Radio” soft-key, select On, Off, or Recall Last followed by touching “Done” or the “back arrow” soft-key. 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 Operation

Seek Up/Down Buttons

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

Store Radio Presets

- When you are receiving a station that you wish to commit into memory, touch and hold the desired numbered soft-key for more than two seconds, or until you hear a confirmation beep.
- The Radio stores up to 12 presets in each of the Radio modes. Four presets are visible at the top of the radio screen. Touching the “all” soft-key on the radio home screen displays all of the preset stations for that mode.



Uconnect® 5.0 Radio

SiriusXM Premier Over 160 Channels

Get every channel available on your satellite radio, and enjoy all you want, all in one place. Hear commercial-free music plus sports, news, talk and entertainment. Get all the premium programming, including Howard Stern, every NFL game, Oprah Radio®, every MLB® and NHL® game, every NASCAR® race and more. And get 20+ Xtra channels, including SiriusXM Latino, a selection of channels dedicated to Spanish language programming.

- To access SiriusXM Satellite Radio, press the “RADIO” hard-key and then the SXM soft-key.

SiriusXM services require subscriptions, sold separately after the 12-month trial included with the new vehicle purchase. **If you decide to continue your service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call SiriusXM at 1-866-635-2349 for U.S. residents and 1-888-539-7474 for Canadian residents to cancel. U.S. residents see SiriusXM Customer Agreement for complete terms at www.siriusxm.com. Canadian residents should visit www.sirius.ca for complete terms.** All fees and programming subject to change. Our satellite service is available only to those at least 18 and older in the 48 contiguous USA and D.C. Our Sirius satellite service is also available in PR (with coverage limitations). Our Internet radio service is available throughout our satellite service area and in AK. © 2014 Sirius XM Radio Inc. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

ELECTRONICS

Disc Operation

- CD/Disc Mode is entered by either inserting a CD/Disc or by touching the MEDIA button located below the display. Once in Media Mode, select Disc.
- Gently insert one CD into the CD player with the CD label facing up.

Seek Up/Down Buttons

- Press to seek through Disc tracks.
- Hold either button to bypass tracks without stopping.

Browse

- Touch the “browse” soft-key to scroll through and select a desired track on the Disc. Touch the “exit” soft-key if you wish to cancel the browse function.

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/iPod® Mode is entered by either inserting a USB Jump Drive or an iPod® cable into the USB port or by pressing the MEDIA hard-key located below the display. Once in Media Mode, touch the “Source” soft-key and select USB/iPod®
- Press the MEDIA hard-key, touch the “Source” soft-key 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.



USB/Audio Jack

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.

- Press the MEDIA hard-key, touch the “Source” soft-key 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.

- Press the MEDIA hard-key, touch the "Source" soft-key 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® 5.0 Available Media Hubs

Uconnect® 5.0	Media Hub (USB, AUX Ports)
	S

S = Standard Equipment

Navigation

If your vehicle is equipped with Navigation, there will be a NAV hard-key in place of the COMPASS hard-key. See your Uconnect® Supplement manual or www.ramtrucks.com/promaster for additional information.

Uconnect® Phone (Bluetooth® HANDS FREE CALLING)

- If the Uconnect® Phone Button  exists on your steering wheel, then you have the Uconnect® Phone features.
- The Uconnect® Phone is a voice-activated, hands-free, in-vehicle communications system with Voice Command Capability (see Voice Command section).
- The Uconnect® Phone allows you to dial a phone number with your mobile phone using simple voice commands or using screen soft-keys.
- Refer to the "Understand The Features Of Your Vehicle" section of your vehicle's Owner's Manual on the DVD for further details.

NOTE:

The Uconnect® Phone requires a mobile phone equipped with the Bluetooth® Hands-Free Profile, Version 1.0 or higher. For Uconnect® Customer Support: U.S. residents visit www.UconnectPhone.com or call 1-888-242-6342. Canadian Residents visit www.UconnectPhone.com or call 1-800-465-2001 (English) or 1-800-387-9983 (French).

Pairing A Phone

- To use the Uconnect® Phone feature, you must first pair your Bluetooth® phone with the Uconnect® system.

Start Pairing Procedure On Mobile Phone

- Search for available devices on your Bluetooth® enabled mobile phone. This is usually within Settings or Options under "Bluetooth." See your mobile phone's manual for details.

ELECTRONICS

- When your phone finds the system, select “Uconnect” as the paired device. You may be prompted by your phone to download the phonebook. This is so you can make calls by saying the name of your contact (PBAP-Phone Book Access Profile).

Start Pairing Procedure On The Radio

- Press the PHONE hard-key then press “Yes” to start searching for the mobile phone.
- Uconnect® Phone will display an “In progress” screen while the system is connecting.

Complete The Pairing Procedure

- When prompted on the phone, verify with radio password shown on the Uconnect® Screen.
- If your phone asks you to accept a connection request from Uconnect®, select “Yes.” If available, check the box telling it not to ask again – that way your phone automatically connects each time you start the vehicle.

Select The Mobile Phone's Priority Level

- When the pairing process has successfully completed, the system prompts you to choose whether or not this is your favorite phone. Selecting “Yes” makes this phone the highest priority. This phone takes precedence over other paired phones within range. Only one phone can be paired at a time.
- You are now ready to make hands-free calls. Press the Uconnect® Phone button on your steering wheel to begin.

Making A Phone Call

- Push the Uconnect® Phone button .
- After the BEEP, say “dial” then the number (or “call” then the name as listed in your phone; see Phonebook).

NOTE:

You can also initiate a call by using the touchscreen on the Phone main screen.

Receiving A Call — Accept (And End)

- When an incoming call rings/is announced on Uconnect®, press the Phone button .
- To end a call, press the Hang Up or Phone button.

Mute (Or Unmute) Microphone During Call

- During a call, touch the “Mute” soft-key on the Phone main screen to mute and unmute the microphone.

Transfer Ongoing Call Between Handset And Vehicle

- During an on-going call, press the “Transfer” button on the main Phone screen to transfer an on-going call between the handset and the vehicle.

Common Phone Commands (Examples)

- “Call John Smith”
- “Call John Smith mobile”
- “Dial 1 248 555 1212”
- “Call Emergency”
- “Call Towing Assistance”
- “Redial”

Phonebook

Uconnect® radios automatically download your phonebook from your paired phone, if this feature is supported by your phone. Entries 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 your radio screen, 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 your main phone screen.

Voice Command Tips

- Using the complete name of a contact, as stored in your phonebook, (e.g. Call John Doe vs. Call John) results in greater system accuracy.
- You can ‘chain’ 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, press the  button on the steering wheel, wait for the beep and say your command.

Changing The Volume

- Use the radio ON/OFF VOLUME rotary knob to adjust the volume to a comfortable level while the Uconnect® system is speaking. Please note the volume setting for Uconnect® is different than the audio system.

NOTE:

To access help, press either the Uconnect® Phone  button or the Uconnect® Voice Command  button and say "Help." Touch or push either  or  button and say "Cancel" to cancel the help session.

ELECTRONICS

Voice Text Reply

- Uconnect® Phone can read or send new text messages on your mobile phone.
- Your mobile phone must be MAP (Message Access Profile) compatible to support SMS via Bluetooth® to use this feature. If the Uconnect® Phone determines your phone is not compatible with SMS messaging over Bluetooth® the “Messaging” button is greyed out and the feature is not available for use.

NOTE:

For mobile phone compatibility and pairing instructions, please visit www.UconnectPhone.com

WARNING!

- Any voice commanded system should be used only in safe driving conditions following applicable laws regarding phone use. Your attention should be focused on safely operating the vehicle. Failure to do so may result in a collision causing you and others to be severely injured or killed.
- In an emergency, to use Uconnect® Phone, your mobile phone must be:
 - turned on,
 - paired to Uconnect® Phone,
 - and have network coverage.

VOICE COMMAND QUICK REFERENCE

Uconnect® 5.0 Voice Command

- If the Uconnect Voice Command  button exists on your steering wheel, you have the Voice Command feature, which is optimized for the driver. The Voice Command feature lets you keep your hands on the wheel, and your eyes on the road.
- When you press the Voice Command  button located on the steering wheel, you hear a beep. After the beep, give your command. If you do not know what commands to say, you can say “help” and the system provides options to you. If you ever wish to interrupt the system while it lists options, press the Voice Command  button, and after the beep, say your command.

NOTE:

All phone oriented voice commands are accessible by first pressing the Phone Pick Up button, not the Voice Command button. To end a call, simply press the Phone Hang Up button. In some vehicles, the Phone Pickup button serves the dual purpose of ending calls as well.

Voice Command (VR) User TIPS

- To hear available commands, press the Uconnect® Voice Command button and say “Help.” You hear available commands for the menu displayed.
- At any time, you can say the words “Cancel” or “Help.” These commands are universal and can be used from virtually any menu. All other specific commands can be used depending upon the active application.
- You can interrupt the system prompts at any time by pressing the Uconnect® Voice Command button while the system is speaking. After the beep, you can say a command.
- You can ‘chain’ commands together for faster results. Say “Call Joe Doe mobile,” for example.
- For best performance, adjust the rearview mirror to provide at least ½ inch (1 cm) gap between the overhead console (if equipped) and the mirror. This creates an unobstructed path to the microphone on the overhead console.
- Always wait for the beep before speaking.
- Speak normally, without pausing, just as you would speak to a person sitting a few feet/meters away from you.
- Ensure that no one other than you is speaking during a Voice Command period.

Steering Wheel Buttons

- You can control many of your radio features using your voice. Press either the VR  or Phone Pick Up button on your steering wheel.

Types of Voice Commands Available	Steering Wheel Buttons to Press:	Radio Mode	Media Mode	Phone Mode
	Uconnect® Voice Command (VR) Button	AM/FM & Satellite Band Control	Media Devices Control	-
	GENERAL			
	Uconnect® Phone Button	-	-	Call Initiation, Call Management, Pre-formatted Voice Text Reply

ELECTRONICS

Voice Command Examples – Uconnect® 5.0

While In:	Voice Command Example:
GENERAL	
Anytime	“Cancel” “Help” (to listen to suggested commands specific to current need) “Repeat”
RADIO	
AM/FM	“Tune to AM950,” “Tune to 95.5FM (pre-set 5)”
Satellite Band Control	“Tune to Satellite Channel 80's on 8,” Tune to Satellite Channel 32 (preset 4)
MEDIA	
Media Devices Control (Functionality is dependent on compatibility between devices and radio)	“Browse” (show) “artist” (albums, music) “Show paired phones” (devices) “Play song – Maple Leaf Rag” (artist - Scott Joplin, genre - rock, album - Rag-time Favorites)
PHONE	
Call Initiation (Requires that phone has been Bluetooth® paired with radio)	“Dial 123-456-7890” (phone number) “Call John Smith mobile” (home, office, other) “Redial” “Show outgoing” (recent) “calls”
Call Management	“Search for John Smith” (any contact name in address book) “Show (display list) contacts”
Voice Text Reply (Radio audibly recognizes these 18 pre-formatted SMS messages as you speak)	Forward one of 18 pre-formatted SMS messages to incoming calls/text messages: “Yes.” “No.” “Okay.” “I can't talk right now.” “Call me.” “I'll call you later.” “I'm on my way.” “Thanks.” “I'll be late.” “I will be <number> minutes late.” “See you in <number> minutes.” “Stuck in traffic.” “Start without me.” “Where are you?” “Are you there yet?” “I need directions.” “I'm lost.” “See you later.”

STEERING WHEEL AUDIO CONTROLS

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

Right Switch

- Press the switch up or down to search for the next listenable station.

Left Switch

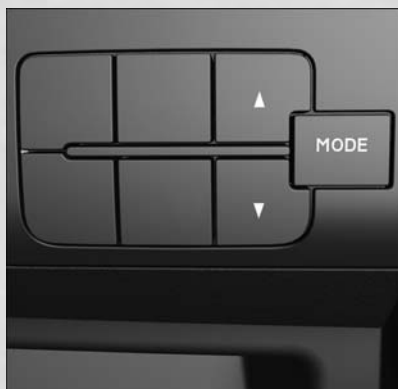
- Press the switch up or down to increase or decrease the volume.



ELECTRONIC VEHICLE INFORMATION CENTER (EVIC)

The EVIC features a driver interactive display that is located in the instrument cluster. Pressing the controls on the left side of the steering column allows the driver to select vehicle information and Personal Settings. For additional information, refer to "Programmable Features" in this guide.

- Press and release the UP  button to scroll upward through the main menus (Menu, Outside Temperature Display, Trip Functions, Date, Time) and sub menus.
- Press and release the DOWN  button to scroll downward through the main menus and sub menus.
- Press and release the MODE button for access to main menus, sub menus or to select a personal setting in the setup menu. Press and hold the MODE button for two seconds to reset features.
- Press and hold the MODE button for two seconds to reset displayed/selected features that can be reset.



EVIC Controls

ELECTRONICS

PROGRAMMABLE FEATURES

Programmable Features

The EVIC can be used to view or change the following settings:

- Press the MODE button to access the menu items then press the UP  or DOWN  button to view the menu items listed below. Press the MODE button to enter the sub menus. Scroll through the settings using the UP or DOWN buttons.
- Menu
- Outside Temperature Display
- Trip Functions
- Time
- Date

Uconnect® Customer Programmable Features

The Uconnect® system allows you to access Customer Programmable feature settings such as Display, Clock & Date, Safety/Assistance, Lights, Doors & Locks, Audio, Phone/Bluetooth®, SiriusXM Setup and Restore Default Settings through soft-keys.

- Press the SETTINGS hard-key located on the right side of the display. When making a selection, scroll up or down until the preferred setting is highlighted, then press and release the preferred setting until a check-mark appears next to the setting, showing that setting has been selected. The following feature settings are available:
- Display
- Clock & Date
- Safety/Assistance
- Lights
- Doors & Locks
- Audio
- Phone/Bluetooth®
- SiriusXM Setup
- Restore Settings

POWER OUTLETS

The front power outlet is located in the center console. It only operates with the ignition key at MAR/ON.

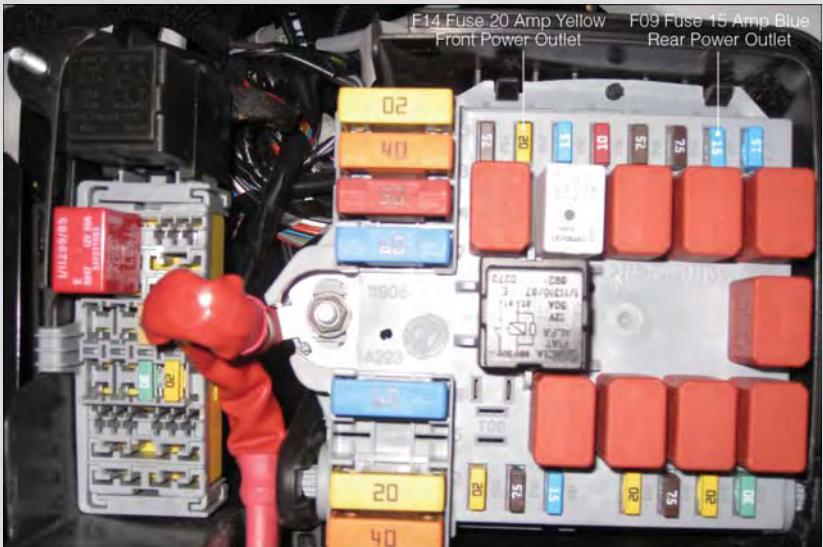
The power outlets are labeled with either a “key” or a “battery” symbol to indicate how the outlet is powered. Power outlets labeled with a “key” are powered when the ignition switch is in the MAR/ON position, while the outlets labeled with a “battery” are connected directly to the battery and powered at all times.

NOTE:

- Do not exceed the maximum power of 160 Watts (13 Amps) at 12 Volts. If the 160 Watt (13 Amp) power rating is exceeded, the fuse protecting the system needs to be replaced.
- Power outlets are designed for accessory plugs only. Do not insert any other object in the power outlet as this will damage the outlet and blow the fuse. Improper use of the power outlet can cause damage not covered by your new vehicle warranty.



Front Power Outlet



TRAILER TOWING WEIGHTS (MAXIMUM TRAILER WEIGHT RATINGS)

NOTE:

For additional 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	Gasoline Engine All Models	Diesel Engine All Models
Flat Tow	NONE	NOT ALLOWED	Trans In NEUTRAL
Dolly Tow	Front	OK	OK
	Rear	NOT ALLOWED	Trans In NEUTRAL
On Trailer	ALL	OK	OK

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

NOTE:

Automated Manual transmission (diesel) vehicles can also be flat towed (all four wheels on the ground) with the transmission in NEUTRAL. Ensure the transmission is in neutral (N) (by checking that the vehicle moves when pushed) and tow in the same way as a normal vehicle with a manual transmission

CAUTION!

- **DO NOT** flat tow any disabled vehicle if condition is related to the clutch, transmission or driveline. Additional damage to the drivetrain could result.
- Towing this vehicle in violation of the above requirements can cause severe engine, transmission, or drivetrain damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Recreational Towing — Gasoline Engine All Models

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.
- 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.

DIESEL

DIESEL ENGINE BREAK-IN RECOMMENDATIONS

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

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

NOTE:

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

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. NON-DETERGENT OR STRAIGHT MINERAL OILS MUST NEVER BE USED.

DIESEL ENGINE STARTING PROCEDURES

Normal Starting Procedure

The shift lever must be in the NEUTRAL (N) position, and the brake pedal must be pressed, to allow engine cranking. Place the shift lever in NEUTRAL (N) and apply the brake pedal BEFORE turning the key to the START/AVV position; otherwise, the engine will not crank and the key must be cycled OFF, then back on, before cranking is allowed.

NOTE:

- Normal starting of either a cold or a warm engine is obtained without pumping or pressing the accelerator pedal.
- Observe the instrument panel cluster lights when starting the engine.

To start the engine follow the procedure below:

1. Press and hold the brake pedal.
2. Place the shift lever into the NEUTRAL (N) position while keeping the brake pedal depressed.
3. Turn the ignition switch to the ON/RUN/MAR position and watch the instrument panel cluster lights.

CAUTION!

If the “Generic Warning Light” remains on and a “Service Fuel Filter” message displays, DO NOT START engine before you drain the water from the fuel filter housing to avoid engine damage. Please see your authorized dealer for draining the fuel filter/water separator and fuel filter replacement.

4. After the Glow Plug light turns off, turn the ignition switch to the START/AVV position to start the engine. Do not press the accelerator during starting.
5. If you wish to stop the cranking of the engine prior to the engine starting, release the ignition key so that it turns back to the ON/RUN position.
6. Check that the oil pressure warning light has turned off.
7. Release the parking brake.

To start the engine if the transmission is faulty, run the “Delayed startup” procedure (see also "Instrument Cluster Messages" under "Automated Manual Transmission"):

1. Begin with the key in the OFF position.
2. Press and hold the brake pedal.
3. Turn the key to the START/AVV position and hold it there for at least seven seconds with the brake depressed. The engine will start, and the transmission will operate in recovery mode (maximum gear permitted = 3rd, automatic mode not available). If the engine does not start, contact your authorized dealer.

Extreme Cold Weather

This vehicle has three heating elements; one engine block heater (a resistance heater installed in the water jacket of the engine) and two transmission heaters (one resistance heater installed under the oil reservoir of the hydraulic actuation system and one on the differential cover of the transmission). They require a 110–115 Volt AC electrical outlet with a grounded, three-wire extension cord. Their use is recommended for environments that routinely fall below -10°F (-23°C). They should be used when the vehicle has not been running overnight or longer periods and should be plugged in two hours prior to start. Their use is required for cold starts with temperatures under -20°F (-29°C).

A 12 Volt heater built into the fuel filter housing aids in preventing fuel gelling. It is controlled by a built-in thermostat. This diesel pre-heat system improves engine starting and reduces the amount of white smoke generated by a warming engine.

NOTE:

- The engine is designed to work at an ambient temperature ranging from -22°F to + 122°F (-30°C to + 50°C). Rubber, pipes, timing belt cover and electronic devices are not designed to work out of this range.

DIESEL

- The engine and transmission block heater cord is a factory installed option. If your vehicle is not equipped, heater cords are available from your authorized MOPAR® dealer.

In the case of LOW temperature after Starting, the Automated Manual Transmission may not be able to engage first gear. In this case a message "Shift not allowed" appears. In this situation use the engine block heater.

Water In Fuel Message

If a Generic Warning Light appears in the cluster and a "Service Fuel Filter" message appears in EVIC, the fuel/water separator will need to be drained immediately to prevent engine damage. Please see your authorized dealer for draining the fuel filter/water separator and fuel filter replacement.

AUTOMATED MANUAL TRANSMISSION — DIESEL ONLY

The automated manual transmission is a conventional six-speed manual transmission with an electronically-controlled hydraulic system that controls the clutch and gear shifting. In forward gears, this transmission offers two modes of operation: MANUAL (M) mode (where the driver controls the transmission shifting), and Automatic mode (the DRIVE [D] position), where the electronic system controls the gear shifts. In either mode, there is no clutch pedal; the electronic system always controls the clutch operation.

NOTE:

- Engine torque will be interrupted briefly during the transmission upshifts, making these shifts more abrupt than with a typical automatic transmission. This is normal.
- Although transmission shifting is performed automatically, the vehicle will not "creep" when the brake pedal is released, and may in fact roll backwards on an incline. At a stop, the accelerator pedal must be pressed to transmit driving torque to the wheels.
- In Automatic Mode the Automated Manual Transmission adapts the gear changing strategy evaluating the road condition such as slopes and bends in the in the road.
- During low-speed driving conditions in first gear, vehicle momentum changes may feel exaggerated in response to changes in accelerator pedal position. This behavior is normal and is similar to other vehicles equipped with a manual transmission.
- At low speeds you may hear mechanical noises similar to a manual transmission as the transmission changes gears. These noises are normal and will not damage the transmission.
- Very aggressive driving may result in some clutch odor. A warning message will display in the EVIC if cool down actions are needed.
- Before and after the engine is started, you may hear a hydraulic pump for a short period of time. This noise is normal and will not damage the transmission.

- During extremely cold temperatures, the transmission will not operate if the oil temperature is -22°F (-30°C) or below. Allow the engine to idle briefly to warm the fluid. Normal operation will resume once the transmission temperature has risen to a suitable level.

WARNING!

You or others could be injured if you leave the vehicle unattended without fully applying the parking brake. The parking brake should always be applied when the driver is not in the vehicle, especially on an incline.

Shifting The Transmission

The transmission shift lever has REVERSE (R), NEUTRAL (N), DRIVE (D) and MANUAL (M) positions. In the MANUAL (M) position, the lever can be toggled rearward or forward (+/-) to upshift or downshift the transmission to the next gear. The actual transmission gear range (R, N, D, 1, 2, 3, 4, 5, or 6) is displayed in the EVIC whenever the engine is running.

When the key is turned OFF, the transmission remains in its previous gear position, regardless of the shift lever position. With key on/engine off, the display may indicate the shift lever position rather than the actual transmission gear position.

Although the shift lever can be moved freely the transmission will not actually shift unless the brake pedal is pressed, therefore the shift lever and display may not correspond to the actual transmission gear range. To shift the transmission to a particular gear range (with key on/engine off), press and hold the brake pedal, move the shift lever to NEUTRAL (N), then move the shift lever to the desired position.

To drive, start the engine, then move the shift lever from NEUTRAL (N) to the DRIVE (D) position for automatic mode, the MANUAL (M) position for manual mode or the REVERSE (R) position.

NOTE:

Only shift into DRIVE (D) or REVERSE (R) when the accelerator pedal is released and the vehicle is stopped. Be sure to keep your foot on the brake pedal when shifting between these gears.



Instrument Cluster Messages

Messages will be displayed in the instrument cluster to alert the driver when certain unusual conditions occur. These messages are described below:

MESSAGE	DESCRIPTION
Transmission/Gearbox Fault (Red)	When the ignition key is turned to ON/RUN/MAR, the Transmission Fault Indicator light turns on and should go off after a few seconds. The Transmission Fault Indicator illuminates either steady or blinking (together with this message and a buzzer) to indicate a transmission fault. Contact your authorized dealer if the message continues to appear.
Reduce Gear Changes	This message indicates that the driver is operating the transmission incorrectly. Incorrect use (by the driver) could automatically activate a procedure for protecting the system. Contact you authorized dealer if the message continues to appear.
Manual Mode Not Available	MANUAL (M) mode is not available, due to a fault or other condition. Use the DRIVE (D) position to operate the vehicle. Contact your authorized dealer if the message continues to appear.
Automatic Mode Not Available	Automatic (DRIVE) mode is not available due to a fault or other condition. Use MANUAL (M) mode to operate the vehicle. Contact your authorized dealer if the message continues to appear.
Clutch Overheating	This message appears, together with a buzzer, when the clutch overheats. In this situation, limit stop and go driving and gear shifts or if necessary stop the vehicle and turn the engine off to allow the clutch to cool. If the message continues to appear, contact your Authorized Dealer. To avoid clutch failure, do not use the accelerator to keep the vehicle at a standstill (for example holding on a hill); the clutch could be damaged by overheating. Use the brake pedal instead and operate the accelerator only when you are ready to drive away.

MESSAGE	DESCRIPTION
Press Brake Pedal Delayed Startup	This messages appears when the key is first turned ON, if the brake is fault and/or the shift lever is not in NEUTRAL (N). The shift lever must be in the NEUTRAL (N) position, and the brake pedal must be pressed, to allow engine cranking. Place the shift lever in NEUTRAL (N) and apply the brake pedal BEFORE turning the key to the START/AVV position; otherwise, the engine will not crank and the key must be cycled OFF, then back on, before cranking is allowed.
Gear Not Available	This message appears, along with a warning buzzer: • When it is not possible to change gear due to a fault in the system. • When, due a fault in the system, it is only possible to engage 1st (1), 2nd (2), 3rd (3) or reverse (R). Contact your authorized dealer if the message continues to appear.
Shift Not Allowed	This message appears, together with a warning buzzer, when the system will not allow a gear change requested by the driver (for example, that would cause engine overspeed or transmission damage). This message may also appear when starting the engine at low temperature. In this case the Automated Manual transmission isn't able to engage first gear, in this situation either use the engine block heater or allow the engine to idle in NEUTRAL (N) until the transmission has warmed.
Press Brake Pedal And Try Again	This message appears accompanied, in some cases, by a warning buzzer, if you attempt to change gear with the vehicle parked without pressing the brake pedal. To shift the transmission (with key on/ engine off), press and hold the brake pedal, move the shift lever to NEUTRAL (N), then move the shift lever to the desired position.

MESSAGE	DESCRIPTION
Shift To Neutral	This message appears, together with a warning buzzer, when the shift lever must be moved to the NEUTRAL (N) position. When the shift lever is moved to NEUTRAL (N) the message on the display should go off. Contact your authorized dealer if the message continues to appear.
Press Brake Pedal	This message is shown in the display together with an acoustic signal, when the brake pedal is not pressed during a starting attempt.
Press Brake Shift to N key to start	This message appears, after the door opening, to remind to Press the Brake pedal and shift the lever in N to permit the cranking.

Parking The Vehicle

To park safely, it is essential to engage MANUAL (1st) gear, DRIVE (D) or REVERSE (R) gear while your foot is on the brake pedal. Once MANUAL (1st) gear, DRIVE (D) or REVERSE (R) gear is displayed in the EVIC, turn the engine off and engage the parking brake. It is essential to wait until the gear engaged appears in the display before turning the engine off and releasing the brake pedal. Always remember to set your parking brake.

NOTE:

NEVER leave your vehicle with the gearbox in NEUTRAL (N) and always remember to fully apply your parking brake. Always remember to set the parking brake when the “Set Park Brake” message is displayed.

WARNING!

You or others could be injured if you leave the vehicle unattended without fully applying the parking brake. The parking brake should always be applied when the driver is not in the vehicle, especially on an incline.

EXHAUST REGENERATION

This engine meets all required EPA diesel engine emissions standards. To achieve these emissions standards, your vehicle is equipped with a state-of-the-art engine and exhaust system. These systems are seamlessly integrated into your vehicle and managed by the Powertrain Control Module (PCM). Additionally, your vehicle has the ability to alert you to additional maintenance required on your vehicle or engine. Refer to the following messages that may be displayed on your Electronic Vehicle Information Center (EVIC).

Exhaust System — Regeneration Required Now

This message indicates that the Diesel Particulate Filter (DPF) reached 80% of its maximum storage capacity.

By simply driving your vehicle at highway speeds for up to 20 minutes, you can remedy the condition in the particulate filter system and allow your diesel engine and exhaust after-treatment system to cleanse the filter to remove the trapped PM and restore the system to normal operating condition.

Exhaust System — Regeneration In Process Exhaust Filter Full

This message indicates that the Diesel Particulate Filter (DPF) is self-cleaning. Maintain your current driving condition until regeneration is completed.

Exhaust System — Regeneration Completed

This message indicates that the Diesel Particulate Filter (DPF) self-cleaning is completed. If this message is displayed, you will hear one chime to assist in alerting you of this condition.

Exhaust Service Required — See Dealer Now

This message indicates regeneration has been disabled due to a system malfunction. The Powertrain control Module (PCM) will register a fault code and the instrument panel will display the Malfunction Indicator Light (MIL).

CAUTION!

See your authorized dealer, as damage to the exhaust system could occur soon with continued operation.

Exhaust Filter Full — Power Reduced See Dealer

The PCM derates the engine in order to limit the likelihood of permanent damage to the after-treatment system. If this condition is not corrected and a dealer service is not performed, extensive exhaust after-treatment damage can occur. Have your vehicle serviced by your local authorized dealer.

NOTE:

Failing to follow the oil change indicator, changing your oil and resetting the oil change indicator by 0 miles remaining will prevent the diesel exhaust filter from performing its cleaning routine. This will shortly result in a Malfunction Indicator Light (MIL) and reduced engine power. Only an authorized dealer will be able to correct this condition

CAUTION!

See your authorized dealer, as damage to the exhaust system could occur with the exhaust filter full.

DIESEL

COOL-DOWN IDLE CHART

TURBO "COOL DOWN" CHART			
Driving Conditions	Load	Turbo Temp	Idle Time (in minutes) Before Shut Down
Stop and Go	Empty	Cool	Less than 1
Stop and Go	Medium	Warm	1
Highway Speeds	Medium	Warm	2
City Traffic	Max. GCWR	Warm	3
Highway Speeds	Max. GCWR	Warm	4
Uphill Grade	Max. GCWR	Hot	5

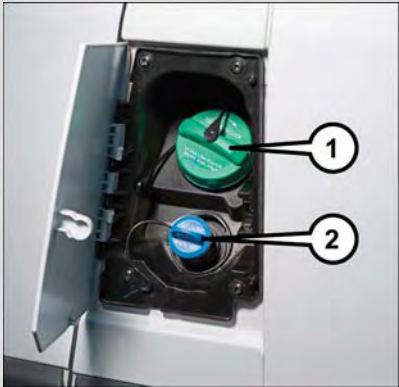
ADDING FUEL

The fuel cap is located behind the fuel filler door on the left side of the vehicle.

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.

Make sure that the fuel filler cap is tightened each time the vehicle is refueled.



- 1 — Diesel Fuel Fill Location
- 2 — Diesel Exhaust Fluid (DEF) Fill Location

CAUTION!

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

WARNING!

A fire may result if fuel is pumped into a portable container that is on a truck bed. You could be burned. Always place fuel containers on the ground while filling.

DIESEL EXHAUST FLUID

Diesel Exhaust Fluid (DEF) sometimes known simply by the name of its active component, UREA – is a key component of selective catalytic reduction (SCR) systems, which help diesel vehicles meet stringent emission regulations. DEF is a liquid reducing agent that reacts with engine exhaust in the presence of a catalyst to convert smog-forming nitrogen oxides (NOx) into harmless nitrogen and water vapor.

Your vehicle is equipped with a Selective Catalytic Reduction system in order to meet the very stringent diesel emissions standards required by the Environmental Protection Agency. Selective Catalytic Reduction (SCR) is the first and only technology in decades to be as good for the environment as it is good for business and vehicle performance.

The purpose of the SCR system is to reduce levels of NOx (oxides of nitrogen emitted from engines) that are harmful to our health and the environment to an almost near-zero level. Small quantities of Diesel Exhaust Fluid (DEF) are injected into the exhaust upstream of a catalyst where, when vaporized, convert smog-forming nitrogen oxides (NOx) into harmless nitrogen (N₂) and water vapor (H₂O), two natural components of the air we breathe. You can operate with the comfort that your vehicle is contributing to a cleaner, healthier world environment for this and generations to come.

System Overview

This vehicle is equipped with a Diesel Exhaust Fluid (DEF) injection system and a Selective Catalytic Reduction (SCR) catalyst to meet the emission requirements.

The DEF injection system consists of the following components:

- DEF tank
- DEF pump
- DEF injector
- Electronically-heated DEF lines
- NOx sensors
- Temperature sensors
- SCR catalyst

The DEF injection system and SCR catalyst enable the achievement of diesel emissions requirements; while maintaining outstanding fuel economy, drivability, torque and power ratings.

NOTE:

- Your vehicle is equipped with a DEF injection system. You may occasionally hear an audible clicking noise. This is normal operation.
- The DEF pump will run for a period of time after engine shutdown to purge the DEF system. This is normal operation.

DIESEL

Adding Diesel Exhaust Fluid

The DEF low level message (located in the EVIC) will display when the DEF level is low. Completely fill the DEF tank through the diesel exhaust fluid fill location (located behind the fuel door) at every maintenance interval or before if prompted by the Electronic Vehicle Information Center (EVIC).

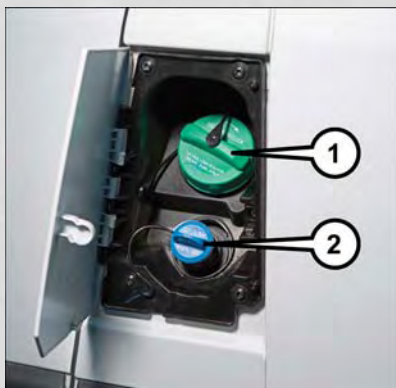
NOTE:

- Driving conditions (altitude, vehicle speed, load, etc.) will effect the amount of DEF that is used in your vehicle.
- Since DEF will begin to freeze at 12°F (-11°C), your vehicle is equipped with an automatic DEF heating system. This allows the DEF injection system to operate properly at temperatures below 12°F (-11°C). If your vehicle is not in operation for an extended period of time with temperatures below 12°F (-11°C), the DEF in the tank may freeze. If the tank is overfilled and freezes, it could be damaged. Therefore, do not overfill the DEF tank. Extra care should be taken when filling with portable containers to avoid overfilling. Note the level of the DEF gauge in your instrument cluster. On pickup applications, you may safely add a maximum of 2 gallons of DEF from portable containers when your DEF gauge is reading $\frac{1}{2}$ full.

DEF Fill Procedure

- Remove cap from DEF tank (located behind the fuel door on drivers side of the vehicle).
- Insert DEF container or fill nozzle into DEF fill location and fill DEF tank.
- Reinstall cap onto DEF tank.

Refer to your Owner's Manual on the DVD for further details.



- 1 — Diesel Fuel Fill Location
2 — Diesel Exhaust Fluid (DEF)
Fill Location

CAUTION!

- To avoid DEF spillage and overfilling, do not “top off” the DEF tank after filling.
- When DEF is spilled, clean the area immediately with water or a mild solvent.
- DO NOT OVERFILL. DEF will freeze below 12 degrees F (-11 degrees C). The DEF system is designed to work in temperatures below the DEF freezing point, however, if the tank is overfilled and freezes, the system could be damaged.

Diesel Exhaust Fluid (DEF) Messages

“Low Level DEF Indication” — The warning system will be activated according following cases:

- At about 35% of DEF tank (corresponding to a driving range of about 1500 miles) in advance to the Diesel Exhaust fluid tank becoming empty: warning to the driver at each key-on with "DEF lamp + EVIC message + buzzer"
- At about 25% of DEF tank: warning to the driver at each key-on then at three established fixed intervals with "DEF lamp + EVIC message + buzzer"
- At about 20% of DEF tank: continuous warning to the driver with "DEF lamp + EVIC message + buzzer"
- At about 15% of DEF tank: warning to the driver at the first key-on with "DEF lamp + EVIC message + buzzer" and the engine speed is limited to 5 mph (8 km/h).

WHAT TO DO IN EMERGENCIES

ROADSIDE ASSISTANCE

Dial toll-free 1-800-521-2779 for U.S. Residents or 1-800-363-4869 for Canadian Residents.

- Provide your name, vehicle identification number, license plate number, and your location, including the telephone number from which you are calling.
- Briefly describe the nature of the problem and answer a few simple questions.
- You will be given the name of the service provider and an estimated time of arrival. If you feel you are in an “unsafe situation”, please let us know. With your consent, we will contact local police or safety authorities.

INSTRUMENT CLUSTER WARNING LIGHTS

- Low Fuel Warning Light

This warning light indicates when the fuel level reaches approximately 2.0 gal (7.8 L), this light will turn on and a single chime will sound.

- Charging System Light

This light shows the status of the electrical charging system. If the charging system light remains on, it means that the vehicle is experiencing a problem with the charging system.

We recommend you do not continue driving if the charging system light is on. Have the vehicle serviced immediately.

- Oil Pressure Warning Light

This light indicates low engine oil pressure. If the light turns on while driving, stop the vehicle and shut off the engine as soon as possible. A chime will sound when this light turns on.

We recommend you do not operate the vehicle or engine damage will occur. Have the vehicle serviced immediately.

Engine Temperature Warning Light

This light warns of an overheated engine condition and is located next to the “H” hot indicator portion of the temperature gauge.

This light warns of an overheated engine condition. As engine coolant temperatures rise and the gauge approaches H, this indicator will illuminate and a single chime will sound after reaching a set threshold. Further overheating will cause the temperature gauge to pass H, a continuous chime will occur until the engine is allowed to cool or the four minutes duration is expired, whichever comes first.

We recommend that you do not operate the vehicle or engine damage will occur. Have the vehicle serviced immediately.

WHAT TO DO IN EMERGENCIES

WARNING!

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

- Anti-Lock Brake (ABS) Light

This light monitors the Anti-Lock Brake System (ABS).

If the light is not on during starting, stays on, or turns on while driving, we recommend you contact the nearest authorized dealer and have the vehicle serviced immediately.

- Air Bag Warning Light

If the light is not on during starting, stays on, or turns on while driving, have the vehicle serviced by an authorized dealer immediately.

- Electronic Throttle Control (ETC) Indicator Light

This light informs you of a problem with the system.

If a problem is detected, the light will come on while the engine is running. Cycle the ignition when the vehicle has completely stopped and the shift lever is placed in the PARK position; the light should turn off.

If the light remains lit with the engine running, your vehicle will usually be drivable; however, see an authorized dealer immediately. If the light is flashing when the engine 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.

- Tire Pressure Monitoring System (TPMS) Light

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.

WHAT TO DO IN EMERGENCIES

IF THE LIGHT STARTS FLASHING INDICATING A LOW TIRE PRESSURE, ADJUST THE AIR PRESSURE IN THE LOW TIRE TO THE AIR PRESSURE SHOWN ON THE VEHICLE PLACARD OR TIRE INFLATION PRESSURE LABEL LOCATED ON THE DRIVER'S DOOR.

NOTE:

AFTER INFLATION, THE VEHICLE MAY NEED TO BE DRIVEN FOR 20 MINUTES BEFORE THE FLASHING LIGHT WILL TURN OFF.

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.

NOTE:

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 is 68°F (20°C) and the outside temperature is 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.

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. Do not use tire sealant from a can, or balance beads if your vehicle is equipped with a TPMS, as damage to the sensors may result.

WHAT TO DO IN EMERGENCIES

- Seat Belt Reminder Light

When the ignition switch is first turned to the ON/RUN position, this light will turn on for four to eight seconds as a bulb check. During the bulb check, if the driver's seat belt is unbuckled, a chime will sound. After the bulb check or when driving, if the driver or front passenger seat belt remains unbuckled, the Seat Belt Indicator Light will flash or remain on continuously. Refer to "Seat Belt Systems" in "Things To Know Before Starting" in the OM on your DVD for further information.

BRAKE - Brake Warning Light

The Brake Warning light illuminates when there is either a system malfunction or the parking brake is applied. If the light is on and the parking brake is not applied, it indicates a possible brake hydraulic malfunction, brake booster problem or an Anti-Lock Brake System problem.

Please have your vehicle serviced immediately.

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.

- Malfunction Indicator Light (MIL)

Certain conditions, such as a loose or missing gas cap, poor fuel quality, etc., may illuminate the MIL after engine start. The vehicle should be serviced if the light stays on through several typical driving cycles. In most situations, the vehicle will drive normally and not require towing.

If the MIL flashes when the engine is running, serious conditions may exist that could lead to immediate loss of power or severe catalytic converter damage. We recommend you do not operate the vehicle. Have the vehicle serviced immediately.

- Generic Warning Light

The Generic Warning Light will illuminate if any of the following conditions occur: Oil Change Request, Engine Oil Pressure Sensor Failure, External Light Failure, Fuel Cut-Off Intervention, Fuel Cut-Off Not Available, Parking Sensor Failure, Engine Oil Minimum Level, Engine Oil Minimum Level Sensor Fail.

WHAT TO DO IN EMERGENCIES

INSTRUMENT CLUSTER INDICATOR LIGHTS

- Turn Signal Indicator

The arrows will flash with the exterior turn signals when the turn signal lever is operated. A tone will chime, and a EVIC message will appear if either turn signal is left on for more than 1 mile (1.6 km).

NOTE:

If either indicator flashes at a rapid rate, check for a defective outside light bulb.

- High Beam Indicator

Indicates that headlights are on high beam.

- Front Fog Light Indicator

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

- Park/Headlight ON Indicator

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

- Vehicle Security Light

This light will flash rapidly for approximately 15 seconds when the vehicle theft alarm is arming. The light will flash at a slower speed continuously after the alarm is set. The security light will also come on for about three seconds when the ignition is first turned on.

- Electronic Speed Control SET Indicator

This indicator will illuminate when the cruising speed has been set.

- Door Ajar Indicator

This indicator will illuminate when a door(s) is left ajar and not fully closed.

- Electronic Stability Control (ESC) OFF Indicator Light

This light indicates the ESC system has been turned off by the driver.

Partial Off

This mode is entered by momentarily pressing the ESC Off switch. This mode is intended for times when a more spirited driving experience is desired. It is also intended for driving in deep snow, sand or gravel conditions, when more wheel spin than ESC would normally allow is required to gain traction. To turn ESC on again, momentarily press the switch again. This will restore the normal ESC On mode of operation.

WHAT TO DO IN EMERGENCIES

ESC - Electronic Stability Control (ESC) Activation / Malfunction Indicator Light

The “ESC Activation/Malfunction Indicator Light” in the instrument cluster will come on for four seconds when the ignition switch is turned to the ON/RUN position. If the “ESC Activation/Malfunction Indicator Light” comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this light remains on, see your authorized dealer as soon as possible to have the problem diagnosed and corrected.

NOTE:

- The “ESC Off Indicator Light” and the “ESC Activation/Malfunction Indicator Light” come on momentarily each time the ignition switch is turned to ON/RUN.
- Each time the ignition is turned to ON/RUN, the ESC system will be ON even if it was turned off previously.
- ESC Activation/Malfunction Light can blink during a ESC or TC intervention.



- Windshield Washer Fluid Low Indicator

This indicator will illuminate when the windshield washer fluid is low.

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, shift the transmission to NEUTRAL, but do not increase engine idle speed.

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.

CAUTION!

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

WHAT TO DO IN EMERGENCIES

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.

JACKING AND TIRE CHANGING

WARNING!

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

WHAT TO DO IN EMERGENCIES

Jack And Tools Location

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

To release the jack kit for it's storage location, you must push down and turn the lock knob 1/4 turn counter clockwise to the unlock position.



Jack Kit Location

CAUTION!

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

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



Lock Knob

- 1 — Unlock Position
- 2 — Lock Position

WHAT TO DO IN EMERGENCIES

Removing The Spare Tire

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



Container Release

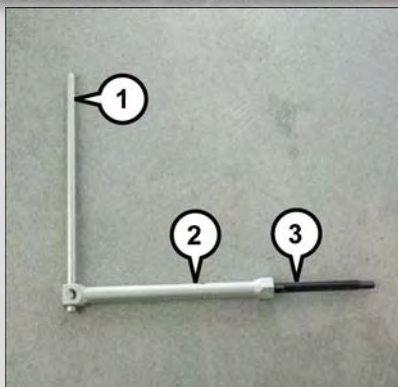


Jacking Tools

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

WHAT TO DO IN EMERGENCIES

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



Jack Tools

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



Winch Location

WHAT TO DO IN EMERGENCIES

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

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.



Winch Location

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



Winch Extension



Lowering Spare Tire

WHAT TO DO IN EMERGENCIES

4. Remove the retainer nut prior to removing the retainer from the wheel.



Spare Tire

5. Lift the spare tire with one hand to give clearance to tilt the retainer at the end of the cable.



Retainer Nut

6. Pull the retainer through the center of the wheel.



Lifting Spare Tire

WHAT TO DO IN EMERGENCIES

Preparations

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



Retainer

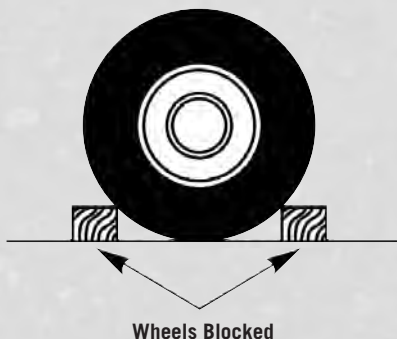
WARNING!

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.

2. Turn on the Hazard Warning flasher.
3. Set the parking brake firmly.
4. Set an automatic transmission in PARK; a manual transmission in REVERSE.
5. Turn the ignition OFF.
6. Block the front and rear of the wheel diagonally opposite of the jacking position. For example, if changing the right front tire, block the left rear wheel.

NOTE:

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



Wheels Blocked

WHAT TO DO IN EMERGENCIES

Jacking Instructions

WARNING!

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

- Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.
- Turn on the Hazard Warning flashers.
- Block the wheel diagonally opposite the wheel to be raised.
- Set the parking brake firmly and set 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.

WHAT TO DO IN EMERGENCIES

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.



Assembled Jack



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.

WHAT TO DO IN EMERGENCIES

NOTE:

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



Rear Jacking Location



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.

3. 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.**
4. 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.

WHAT TO DO IN EMERGENCIES

WARNING!

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

5. Remove the 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.
6. 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 personal 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.

7. Lower the vehicle by turning the jack screw to the left.
8. Refer to "Torque Specifications" in the Owner's Manual on DVD for proper wheel lug bolt torque.
9. Lower the jack to its fully-closed position.
10. Stow the damaged wheel/spare tire with the cable and wheel spacer before driving the vehicle.

WHAT TO DO IN EMERGENCIES

11. Install the winch extension and **rotate the wrench handle clockwise** until the winch **mechanism indication window turns yellow** and the operator hears “3 clicks” from the device to show the wheel is properly stowed under the vehicle.



Winch Mechanism Properly Engaged (Yellow DOT Will Appear In The Winch Indication Window)



Winch Mechanism NOT Properly Engaged (Black Window Will Appear)

CAUTION!

In the case that the yellow dot does not appear in the winch mechanism window refer to step 11 above, the operator should repeat the spare tire installation procedure. If the yellow dot does not appear in the winch indication window, place and secure the damaged wheel into the vehicle and seek dealer assistance to the winch mechanism.

WHAT TO DO IN EMERGENCIES

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:

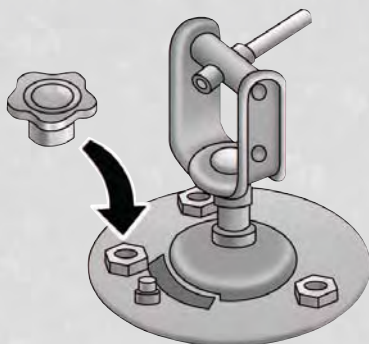
1. Remove the adapter bracket and bolts from the storage bag in the glove compartment.
2. Take the retainer and position it inside the circular bracket.



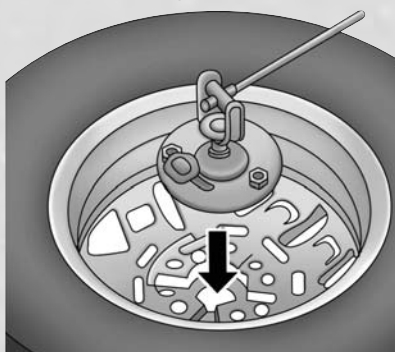
Adapter/Bracket Union

WHAT TO DO IN EMERGENCIES

3. Tighten the knob on the bolt to secure it to the bracket.



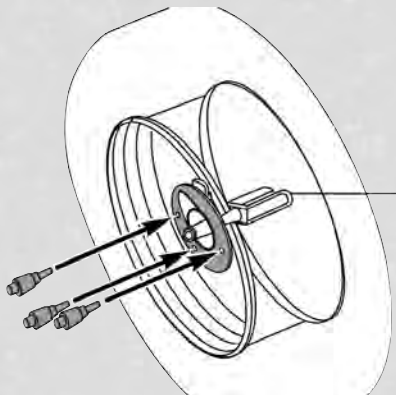
Securing The Bracket



Alloy Wheel Mounting

WHAT TO DO IN EMERGENCIES

4. Position the tire vertically and lay the mounted adapter on the inner part of the rim. Using the supplied bolts, fasten the wheel to the adapter using the bolt install wrench. Tighten the bolts with the wrench extension and wrench handle.
5. **Follow the steps above for proper spare tire stowage.**



Wheel/Bolts Attaching To Mounting Bracket

Wheel Covers

CAUTION!

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

WHAT TO DO IN EMERGENCIES

JUMP-STARTING

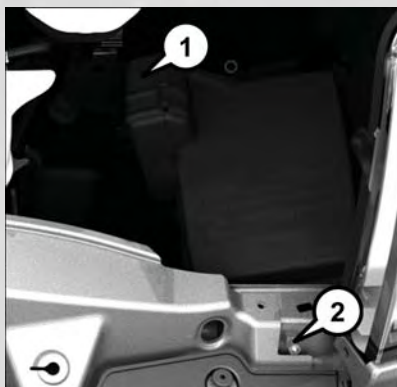
Preparations For Jump-Starting

NOTE:

Only use the recommended jump starting location.

The vehicle's jump starting locations are located under the hood in the engine compartment on the driver's side.

- 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.



Remote Battery Posts

- 1 — Remote Positive (+) Jump Starting Post
- 2 — Remote Negative (-) Jump Starting Post

Jump-Starting Procedure

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

Connecting The Jumper Cables

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

NOTE:

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

WHAT TO DO IN EMERGENCIES

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.

NOTE:

Only use the specific negative post. Do not use any other exposed metal parts.

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.
- Failure to follow these procedures could result in damage to the charging system of the booster vehicle or the discharged vehicle.
- Accessories that can be plugged into the vehicle power outlets draw power from the vehicle's battery, even when not in use (e.g., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery discharges sufficiently to degrade battery life and/or prevent the engine from starting.

WHAT TO DO IN EMERGENCIES

WARNING!

- When temperatures are below the freezing point, electrolyte in a discharged battery may freeze. Do not attempt jump-starting because the battery could rupture or explode and cause personal injury. Battery temperature must be brought above the freezing point before attempting a jump-start.
- 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 watch bands or bracelets, that might make an inadvertent electrical contact. You could be severely injured.
- Batteries contain sulfuric acid that can burn your skin or eyes and generate hydrogen gas which is flammable and explosive. Keep open flames or sparks away from the battery.
- Do not allow vehicles to touch each other as this could establish a ground connection and personal injury could result.
- Failure to follow this procedure could result in personal injury or property damage due to battery explosion.
- Do not connect the cable to the negative post (-) of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury.

SHIFT LEVER OVERRIDE

If a malfunction occurs and the shift lever cannot be moved out of the PARK position, you can use the following procedure to temporarily move the shift lever:

1. Turn the engine off.
2. Firmly apply the parking brake.
3. Using a small screwdriver or similar tool, remove the shift lever override access cover which is located below the shift lever.
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.
6. Move the shift lever to the NEUTRAL position.
7. The vehicle may then be started in NEUTRAL.
8. Reinstall the shift lever override access cover.

WHAT TO DO IN EMERGENCIES

TOWING A DISABLED VEHICLE

Towing Condition	Wheels OFF the Ground	Gasoline Engines (All Models)	Diesel Engines (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	Transmission in NEUTRAL
Wheel Lift or Dolly Tow	Rear		Transmission in NEUTRAL
	Front	OK	OK
Flatbed	ALL	BEST METHOD	OK

FREEING A STUCK VEHICLE

- If your vehicle becomes stuck in mud, sand or snow, it can often be moved by a rocking motion. Turn your steering wheel right and left to clear the area around the front wheels. Then, move the shift lever/gear selector back and forth between REVERSE and DRIVE. Using minimal accelerator pedal pressure to maintain the rocking motion, without spinning the wheels, is most effective.
- Allow the engine to idle with the transmission shift lever/gear selector in NEUTRAL for at least one minute after every five rocking-motion cycles. This minimizes overheating and reduce the risk of transmission failure during prolonged efforts to free a stuck vehicle.

NOTE:

If your vehicle is equipped with Electronic Stability Control (ESC) then press the "ESC Off" switch, to place the Electronic Stability Control (ESC) system in "Partial Off" mode, before rocking the vehicle.

CAUTION!

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

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) when you are stuck. Do not let anyone near a spinning wheel, no matter what the speed.

WHAT TO DO IN EMERGENCIES

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.
- 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 is recorded by your vehicle only if a non-trivial crash situation occurs; no data is recorded by the EDR under normal driving conditions and no personal data (e.g. name, gender, age, and crash location) is 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.

MAINTAINING YOUR VEHICLE

OPENING THE HOOD

1. Open the drivers door to gain access to the hood release lever. Pull the hood release lever located on the side of the instrument panel.
2. Move to the outside of the vehicle, reach into the opening beneath the center of the hood and push the safety latch lever to the 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.
4. To close the hood, remove the hood prop rod and place it in the retaining clip, then lower the hood slowly.



1 — Hood Release Lever

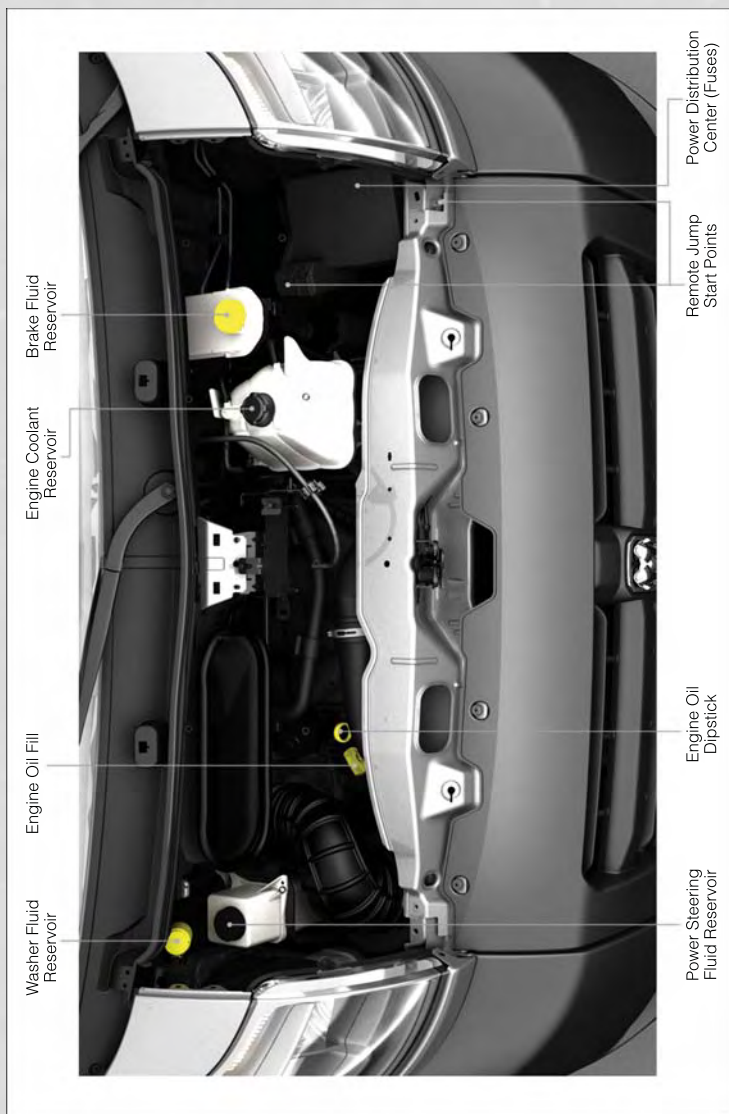
WARNING!

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.

MAINTAINING YOUR VEHICLE

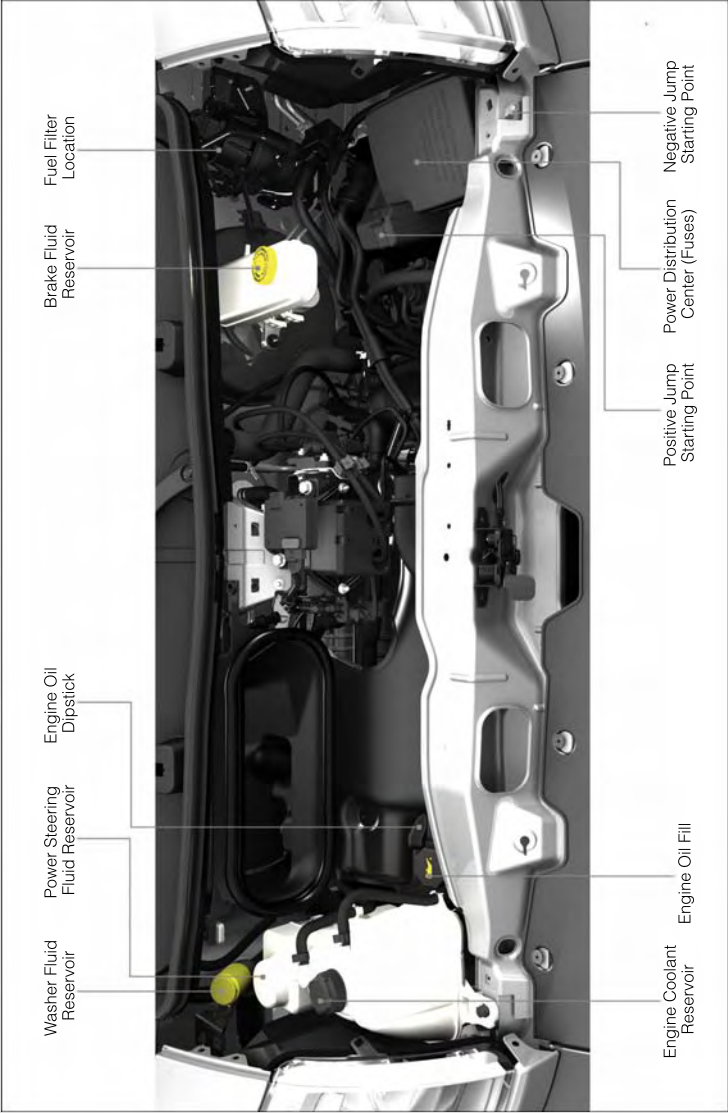
ENGINE COMPARTMENT

3.6L Engine



MAINTAINING YOUR VEHICLE

3.0L Diesel Engine



MAINTAINING YOUR VEHICLE

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, LUBRICANTS AND GENUINE PARTS — GASOLINE 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 Chrysler Material Standard MS-12106.
Engine Oil	We recommend you use API Certified SAE 5W-20 Engine Oil, meeting the requirements of Chrysler 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

MAINTAINING YOUR VEHICLE

CAUTION!

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology (OAT) engine coolant (antifreeze), may result in engine damage and may decrease corrosion protection. Organic Additive Technology (OAT) engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant (antifreeze) or any “globally compatible” coolant (antifreeze). If a non-OAT engine coolant (antifreeze) is introduced into the cooling system in an emergency, the cooling system will need to be drained, flushed, and refilled with fresh OAT coolant (conforming to MS-12106), by an authorized dealer as soon as possible.
- Do not use water alone or alcohol-based engine coolant (antifreeze) products. Do not use additional rust inhibitors or antirust products, as they may not be compatible with the radiator engine coolant 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 – 3.6L Gasoline Engine Only	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.
Power Steering Reservoir	Use Pentosin CHF 11S power steering fluid meeting Chrysler Material Standard MS-11655.

MAINTAINING YOUR VEHICLE

FLUID CAPACITIES — DIESEL ENGINE

	U.S.	Metric
Fuel (Approximate)		
3.0L Diesel Engine	24 Gallons	90 Liters
Diesel Exhaust Fluid Tank	5 Gallons	18.9 Liters
Engine Oil with Filter		
3.0L Diesel Engine	9.5 Quarts	9.0 Liters
Cooling System *		
3.0L Diesel Engine With MTA Transmission (MOPAR® Antifreeze/Engine Coolant 10 Year/150,000 Mile Formula or equivalent)	12.7 Quarts	12 Liters
* Includes heater and coolant recovery bottle filled to MAX level. Add 2.9 Qts (2.8 L) if equipped with a rear heater.		

FLUIDS, LUBRICANTS AND GENUINE PARTS — DIESEL 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).
Engine Oil	Only use ACEA C3 5W-30 Synthetic Low Ash engine oil meeting Chrysler material standard MS-11106 or Pennzoil Ultra Euro L full synthetic 5W-30 motor oil.
Engine Oil Filter	We recommend you use MOPAR® Engine Oil Filters.
Fuel Filter	We recommend you use MOPAR® Fuel Filter. Must meet 3 micron rating. Using a fuel filter that does not meet the manufacturers filtration and water separating requirements can severely impact fuel system life and reliability.

MAINTAINING YOUR VEHICLE

Component	Fluid, Lubricant, or Genuine Part
Fuel Selection	Use good quality diesel fuel from a reputable supplier in your vehicle. Federal law requires that you must fuel this vehicle with Ultra Low Sulfur Highway Diesel fuel (15 ppm Sulfur maximum) and prohibits the use of Low Sulfur Highway Diesel fuel (500 ppm Sulfur maximum) to avoid damage to the emissions control system. For most year-round service, No. 2 diesel fuel meeting ASTM specification D-975 Grade S15 will provide good performance. We recommend you use a blend of up to 5% biodiesel, meeting ASTM specification D-975 with your diesel engine. This vehicle is compatible with biodiesel blends greater than 5% but no greater than 20% biodiesel meeting ASTM specification D-7467 provided the shortened maintenance intervals are followed as directed.
Diesel Exhaust Fluid	MOPAR® Diesel Exhaust Fluid (API Certified) (DEF) or equivalent that has been API Certified to the ISO 22241 standard. Use of fluids not API Certified to ISO 22241 may result in system damage.

NOTE:

If the vehicle is exposed to extreme cold (below 20°F or -7°C), or is required to operate at colder-than-normal conditions for prolonged periods, use climatized No. 2 diesel fuel or dilute the No. 2 diesel fuel with 50% No. 1 diesel fuel. This will provide better protection from fuel gelling or wax-plugging of the fuel filter.

MAINTAINING YOUR VEHICLE

CAUTION!

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology (OAT) engine coolant (antifreeze), may result in engine damage and may decrease corrosion protection. Organic Additive Technology (OAT) engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant (antifreeze) or any “globally compatible” coolant (antifreeze). If a non-OAT engine coolant (antifreeze) is introduced into the cooling system in an emergency, the cooling system will need to be drained, flushed, and refilled with fresh OAT coolant (conforming to MS-12106), by an authorized dealer as soon as possible.
- Do not use water alone or alcohol-based engine coolant (antifreeze) products. Do not use additional rust inhibitors or antirust products, as they may not be compatible with the radiator engine coolant 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
Automated Manual Transmission	• Gearbox: Full synthetic 75W-85 manual transmission fluid meeting the API GL4 specification. • Control system: MOPAR® C Series DDCT SAE 75W Hydraulic Fluid or equivalent. • Hydraulic Clutch Operating System: MOPAR® Brake and Clutch Fluid DOT 4 Motor Vehicle or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission.
Brake Master Cylinder	We recommend you use MOPAR® DOT 4.
Power Steering Reservoir	Use Pentosin CHF 11S power steering fluid meeting Chrysler Material Standard MS-11655.

MAINTAINING YOUR VEHICLE

MAINTENANCE SCHEDULE — GASOLINE ENGINE

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

Based on engine operation conditions, the oil change indicator 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 “Electronic Vehicle Information Center (EVIC)” in “Understanding Your Instrument Panel” in your owners manual on the DVD for further information.

NOTE:

Under no circumstances should oil change intervals exceed 10,000 miles (16,000 km) or twelve months, whichever comes first.

Severe Duty All Models

Change Engine Oil at 4,000 miles (6,500 km) if the vehicle is operated in a dusty and off road environment. 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
- 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

MAINTAINING YOUR VEHICLE

Maintenance Chart

Required Maintenance Intervals

Refer to the maintenance schedules on the following page 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.

MAINTAINING YOUR VEHICLE

Refer to the Maintenance Schedules on the following pages for the required maintenance intervals.

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 (3.6L engine). **									X					
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 spark plug change interval is mileage based only, yearly intervals do not apply.

MAINTAINING YOUR VEHICLE

WARNING!

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

MAINTAINING YOUR VEHICLE

	Odometer	Date	Signature, Authorized Service Center
20,000 Miles (32,000 km) or 2 Years			
30,000 Miles (48,000 km) or 3 Years			
40,000 Miles (64,000 km) or 4 Years			
50,000 Miles (80,000 km) or 5 Years			
60,000 Miles (96,000 km) or 6 Years			
70,000 Miles (112,000 km) or 7 Years			
80,000 Miles (128,000 km) or 8 Years			

	Odometer	Date	Signature, Authorized Service Center
90,000 Miles (144,000 km) or 9 Years			
100,000 Miles (160,000 km) or 10 Years			
110,000 Miles (176,000 km) or 11 Years			
120,000 Miles (192,000 km) or 12 Years			
130,000 Miles (208,000 km) or 13 Years			
140,000 Miles (224,000 km) or 14 Years			
150,000 Miles (240,000 km) or 15 Years			

MAINTAINING YOUR VEHICLE

MAINTENANCE SCHEDULE — DIESEL ENGINE

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

Based on engine operation conditions, the oil change indicator 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 “Electronic Vehicle Information Center (EVIC)” in “Understanding Your Instrument Panel” in your Owners Manual on the DVD for further information.

NOTE:

Under no circumstances should oil change intervals exceed 18,500 miles (29,773 km) or twelve months, whichever comes first.

Once A Month Or Before A Long Trip:

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

Maintenance Chart — Diesel Fuel Up To B5 Biodiesel

Required Maintenance Intervals.

Refer to the maintenance schedules on the following page for the required maintenance intervals.

At Every Oil Change Interval As Indicated By The Oil Change Indicator System:
• Change oil and filter.
• Rotate the tires. Rotate at the first sign of irregular wear, even if it occurs before your next scheduled service.
• Inspect battery and clean and tighten terminals as required.
• Inspect brake pads, rotors, 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.

MAINTAINING YOUR VEHICLE

Mileage or time passed (whichever comes first)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	16,000	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional Inspections															
Completely fill the Diesel Exhaust Fluid tank.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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	
Check Transmission Actuation System Oil and Hydraulic Clutch Operating Oil			X			X			X			X			X
Additional Maintenance															
Replace fuel filter and drain water from fuel.			X			X			X			X			X
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 Hydraulic Clutch Oil every two years or 60,000 miles (96,000 km) which ever comes first.		X		X		X		X		X		X		X	
Flush and replace the engine coolant at 10 years or 150,000 miles (240,000 km) whichever comes first.										X					X

MAINTAINING YOUR VEHICLE

Mileage or time passed (whichever comes first)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	16,000	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Change FEAD Belt every four years or 80,000 miles (128,000 km) which ever comes first.				X				X				X			
Change Glow Plugs every five years or 150,000 miles (240,000 km) which ever comes first.					X					X					X
Change Automatic Belt tensioner every five years or 150,000 miles (240,000 km) which ever comes first.					X					X					X

NOTE:

Change Timing Chain and Gear at 249,000 miles (400,000 km).

WARNING!

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

MAINTAINING YOUR VEHICLE

ADDITIONAL MAINTENANCE — B6 TO B20 BIODIESEL

NOTE:

- Under no circumstances should oil change intervals exceed 10,000 miles (16 093km) or six months, whichever comes first.
- The owner is required to monitor mileage for B6-B20 biodiesel, the automatic oil change indicator system does not reflect the use of biofuels.

Additional Maintenance Chart — B6 To B20 Biodiesel

Mileage or time passed (whichever comes first)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
	Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	16,000	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Additional B6 to B20 Maintenance															
Replace fuel filter and drain water from the fuel filter assembly.		X		X		X		X		X		X		X	

WARNING!

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

MAINTAINING YOUR VEHICLE

MAINTENANCE RECORD

	Odometer	Date	Signature, Authorized Service Center
20,000 Miles (32,000 km) or 2 Years			
30,000 Miles (48,000 km) or 3 Years			
40,000 Miles (64,000 km) or 4 Years			
50,000 Miles (80,000 km) or 5 Years			
60,000 Miles (96,000 km) or 6 Years			
70,000 Miles (112,000 km) or 7 Years			
80,000 Miles (128,000 km) or 8 Years			
90,000 Miles (144,000 km) or 9 Years			

	Odometer	Date	Signature, Authorized Service Center
20,000 Miles (32,000 km) or 2 Years			
100,000 Miles (160,000 km) or 10 Years			
110,000 Miles (176,000 km) or 11 Years			
120,000 Miles (192,000 km) or 12 Years			
130,000 Miles (208,000 km) or 13 Years			
140,000 Miles (224,000 km) or 14 Years			
150,000 Miles (240,000 km) or 15 Years			

MAINTAINING YOUR VEHICLE

FUSES

Underhood Fuses

The Power Distribution Center (fuses) is located on the right side of the engine compartment. This center contains maxi-fuses, mini-fuses and relays.

Cavity	Maxi Fuse	Mini Fuse	Description
F01	40 Amp Orange		ESC Pump
F02	20 Amp Yellow (3.6 Gasoline Engine)		Starter Relay 3.6L (3.6 Gasoline Engine)
F02	50 Amp Red (3.0 Diesel Engine)		Glow Plug Unit (3.0 Diesel Engine)
F04	50 Amp Red (3.6 Gasoline Engine)		Secondary PDC (Trans Power Relay, Vacuum Pump, KL30 for STM) (3.6 Gasoline Engine)
F04	40 Amp Orange (3.0 Diesel Engine)		Fuel Filter Heater (3.0 Diesel Engine)
F05	30 Amp Green		SELESPEED Pump RELE (3.0 Diesel Engine) – If Equipped
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
F11		15 Amp Blue	MPROP-DRV (3.0 Diesel Engine) – If Equipped
F14		20 Amp Yellow	Power Outlet
F15		7.5 Amp Brown	USB Charger
F16		7.5 Amp Brown	KL15 STM (3.6), KL15 Starter Relay Coil (3.6 Gasoline Engine)

MAINTAINING YOUR VEHICLE

Cavity	Maxi Fuse	Mini Fuse	Description
F16		7.5 Amp Brown	KL15 MTA, KL15 Shift Lever Unit, KL15 ECM, KL15 Starter Relay Coil (3.0 Diesel Engine)
F17		20 Amp Yellow	ECM, Injectors (3.6 Gasoline Engine)
F17		20 Amp Yellow	Secondary Loads, ECM (3.0 Diesel Engine)
F18		7.5 Amp Brown	KL30 ECM, KL30 Main Relay Coil (3.6 Gasoline Engine)
F18		7.5 Amp Brown	KL30 MTA, KL30 ECM, KL30 Main Relay Coil (3.0 Diesel Engine)
F19		7.5 Amp Brown	A/C Compressor (If Equipped)
F20		30 Amp Green	Windshield Wiper
F21		15 Amp Blue	Fuel Pump
F22		20 Amp Yellow	ECM, Ignition Coils (3.6 Gasoline Engine)
F22		20 Amp Yellow	ECM, Primary Loads (3.0 Diesel Engine)
F23		20 Amp Yellow	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) – If Equipped
F62	30 Amp Green	Transmission Power RELE (3.6 Gasoline Engine) – If Equipped
F64	7.5 Amp Brown	Urea Pump (3.0 Diesel Engine) – If Equipped
F65	25 Amp White	Urea NOX Sensor 1–2 — PM Sensor (3.0 Diesel Engine) – If Equipped
F66	5 Amp Beige	STM (3.6 Gasoline Engine) – If Equipped

MAINTAINING YOUR VEHICLE

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
F12	10 Amp Red	Right Low Beam
F13	10 Amp Red	Left Low Beam
F31	5 Amp Beige	INT/A
F32	10 Amp Red	SBMT
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)
F90	7.5 Amp Brown	Left High Beam
F91	7.5 Amp Brown	Right High Beam
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
F85	10 Amp Red	Rear Heater Prep

MAINTAINING YOUR VEHICLE

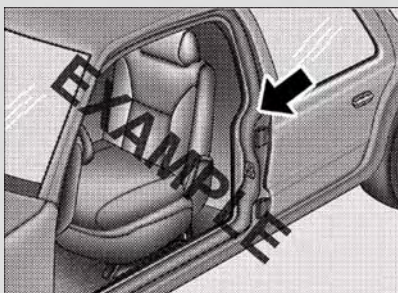
TIRE PRESSURES

Check the inflation pressure of each tire, including the spare tire, at least monthly and inflate to the recommended pressure for your vehicle.

The tire pressures recommended for your vehicle are found on the “Tire and Loading Information” label located on the driver’s side door opening.

NOTE:

Refer to the Owner’s Manual on the DVD for more information regarding tire warnings and instructions.



**Tire And Loading Information Location
(Example)**

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.
- Improperly inflated tires are dangerous and can cause collisions. Under-inflation increases tire flexing and can result in over-heating and tire failure. Over-inflation reduces a tire’s ability to cushion shock. Objects on the road and chuck holes can cause damage that results in tire failure. Unequal tire pressures can cause steering problems. You could lose control of your vehicle. Over-inflated or under-inflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control. Always drive with each tire inflated to the recommended cold tire inflation pressure.

MAINTAINING YOUR VEHICLE

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.

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.

NOTE:

Many aftermarket wheel cleaners contain strong acids or strong alkaline additives that can harm the wheel surface.

CAUTION!

Avoid products or automatic car washes that use acidic solutions or strong alkaline additives or harsh brushes. These products 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. Do not use any products on Dark Vapor or Black Satin Chrome Wheels. They will permanently damage this finish and such damage is not covered by the New Vehicle Limited Warranty.

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 for a few minutes before doing so. Driving the vehicle and applying the brakes when stopping will reduce the risk of brake rotor corrosion.

MAINTAINING YOUR VEHICLE

Dark Vapor Or Black Satin Chrome Wheels

CAUTION!

If your vehicle is equipped with Dark Vapor or Black Satin Chrome 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. USE ONLY MILD SOAP AND WATER WITH A SOFT CLOTH. Used on a regular basis; this is all that is required to maintain this finish.

BULBS

Interior Bulbs

	Bulb Number
Overhead Lamp	C5W
Sun Visors	C5W
Courtesy Lamp	FF500
Glove Compartment	C5W
Rear Courtesy Lamp	C5W

Exterior Bulbs

	Bulb Number
Front Low and High Beam Headlamp	H7LL
Front Park/Turn Signal Lamps	7444NA
Daytime Running Lamps (If Equipped)	7440
Front Side Marker Lamps	WY5W
Rear Tail/Stop Lamps	7443
Rear Turn Signal Lamps	7440NA
Rear Backup Lamps	921
Rear Side Marker Lamps	W3W
Front Fog Lamps	H11
License Plate Lamps	C5W
Front Roof Lamps	WY5W
Rear Roof Lamps	W3W

CUSTOMER ASSISTANCE

FCA US LLC CUSTOMER CENTER

P.O. Box 21-8004 Auburn Hills, MI 48321-8004 Phone: 1-866-726-4636

FCA CANADA INC. CUSTOMER CENTER

P.O. Box 1621 Windsor, Ontario N9A 4H6

Phone: 1-800-465-2001 (English) Phone: 1-800-387-9983 (French)

ASSISTANCE FOR THE HEARING IMPAIRED

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.

WARNING!

Engine exhaust, 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.

PUBLICATIONS ORDERING

- **If you are the first registered retail owner of your vehicle**, you may obtain one free printed copy of the Owner's Manual, Warranty Booklet or Radio Manuals on your DVD by calling 1-866-726-4636 (U.S.) or 1-800-387-1143 (Canada) or by contacting your dealer.
- Replacement User Guide kits or DVDs or, if you prefer, additional printed copies of the Owner's Manual, Warranty Booklet or Radio Manuals may be purchased by visiting www.techauthority.com or by calling 1-800-890-4038 (U.S.) or 1-800-387-1143 (Canada). Visa, Master Card, American Express and Discover orders are accepted. If you prefer mailing your order, please call the above numbers for an order form.

NOTE:

- A street address is required when ordering manuals (no P.O. Boxes).
- The Owner's Manual and User Guide electronic files are also available on the Chrysler, Jeep, Ram Truck, Dodge and SRT websites.
- Click on the "For Owners" tab, select "Owner/Service Manuals", then select your desired model year and vehicle from the drop down lists.

CUSTOMER ASSISTANCE

REPORTING SAFETY DEFECTS IN THE UNITED STATES

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

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, your authorized dealer and the manufacturer.

To contact NHTSA, you may either call the Auto 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/>.

French 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/securiteroutiere/>.

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:

- Hitch Receiver

INTERIOR:

- Cargo Compartment Floor
- DOT Certified Emergency Roadside Kit

ELECTRONICS:

- Electronic Vehicle Tracking System
- MOPAR® Web (WiFi)

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.

FAQ's

GETTING STARTED

Where are the controls for the Front Heated Seats? pg. 15

How to adjust your seat? pg. 10

ELECTRONICS

Which radio is in my vehicle? pg. 31

How do I activate the Audio Jack? pg. 34

How do I set the clock on my radio? pg. 31

How do I pair my cell phone via Bluetooth® with the Uconnect® Hands-Free Voice Activation System? pg. 35

How to use the power outlet? pg. 43

UTILITY

How do I know how much I can tow with my Ram ProMaster? pg. 44

WHAT TO DO IN EMERGENCIES

What do I do if my TPMS warning light is blinking? pg. 59

How do I change a flat tire? pg. 64

How do I Jump-Start my vehicle? pg. 79

MAINTAINING YOUR VEHICLE

Where is my Fuse Block located? pg. 102

What type of oil do I use 3.6L gasoline engine? pg. 87

What type of oil do I use 3.0L diesel engine? pg. 89

How often should I change my engine's oil? pg. 92

What should my tire pressure be set at? pg. 105

INDEX

Adding Diesel Exhaust Fluid	.54	Turn Signal Indicator	.62
Adding Fuel	.54	Vehicle Security Light	.62
Air bag	.9	Cooling System	
Air bag Light	.59	Coolant Capacity	.87, 89
Air Conditioning	.18	Selection of Coolant	
Alarm (Security Alarm).	.62	(Antifreeze)	.87, 89
Antifreeze (Engine Coolant) . . .87, 89		Cruise Control (Speed Control)22	
Anti-Lock Warning Light	.59	Cruise Light	.22
Assistance Towing	.58	Customer Assistance	.108
Audio Jack	.30	Customer Programmable	
Automated Manual Transmission . .48		Features	.42
Fluid Type	.91	Defects, Reporting	.109
Automatic Transmission		Defroster, Rear Window	.18
Fluid Type	.88	Diesel Exhaust Fluid	.54, 55, 89
Back-Up Camera	.25	Diesel Fuel	.54, 89
Battery.	.79	Diesel Fuel Requirements	.89
Brake Fluid.	.88, 91	Dimmer Control.	.20
Break-In Recommendations,		Disabled Vehicle Towing	.58
Diesel.	.46	Discharged Battery	.79
Break-In Recommendations,		Electronics	
New Vehicle	.17	Your Vehicle's Sound System . . .26	
Bulb Replacement	.107	Electronic Speed Control	
Capacities, Fluid.	.87, 89	(Cruise Control)	.22
Caps, Filler		Electronic Throttle Control	
Fuel	.54	Warning Light	.59
Cargo Light	.20	Electronic Vehicle Information Center	
CD (Compact Disc) Player.	.34	(EVIC)	.41
Charging System Light.	.58	Emergency, In Case of	
Clock.	.29	Brake Warning Light	.61
Clock Setting	.31	Overheating	.63
Cluster Warning/Indicator Lights		Towing	.58
Anti-Lock Brake (ABS) Light . . .59		Engine.	.46
Charging System Light	.58	Block Heater	.48
Electronic Speed Control SET		Break-In Recommendations . . .17	
Indicator	.62	Compartment	.85
Electronic Throttle Control (ETC)		Coolant (Antifreeze)	.87, 89
Indicator Light	.59	Fuel Requirements	.87, 89
Engine Temperature Warning		Oil	.87, 89
Light	.58	Oil Selection	.87, 89
Front Fog Light Indicator62		Overheating	.63
High Beam Indicator	.62	Temperature Warning Light58	
Malfunction Indicator Light (MIL) .61		Event Data Recorder	.83
Oil Pressure Warning Light58		Exhaust Regeneration	.52
Park/Headlight ON Indicator . . .62		Exterior Lights.	.107
Tire Pressure Monitoring System		FAQ.	.111
(TPMS) Light	.59		

Filters		
Engine Oil		.87, 89
Flashers		
Turn Signal		.62
Fluid Capacities		.87, 89
Fluids, Lubricants and		
Genuine Parts		.87, 89
Fog Lights		.62
Freeing A Stuck Vehicle		.82
Frequently Asked Questions		.111
Front Heated Seats		.15
Fuel		
Diesel		.89
Filter		.89
Octane Rating		.87
Requirements		.87, 89
Tank Capacity		.87, 89
Fuses		.102
Headlights		
High Beam		.19
Heated Mirrors		.18
Heated Seats		.15
High Beam Indicator		.62
Hood Release		.84
Instrument Cluster		
Indicator Lights		.62
Instrument Cluster		
Warning Lights		.58
Interior and Instrument Lights		.5, 20
Interior Lighting		.20
Intermittent Wipers (Delay Wipers)		.21
Introduction		.2
Jump Starting		.79
Key Fob		.8
Lane Change and Turn Signals		.19
Lane Change Assist		.19
Lights		
Fog		.62
High Beam Indicator		.62
Low Fuel		.58
Map Reading		.20
Seat Belt Reminder		.61
Security Alarm		.62
Tire Pressure Monitoring (TPMS)		.59
Turn Signal		.19
Maintenance Record		.96, 101
Maintenance Schedule		.92, 97
Malfunction Indicator Light		
(Check Engine)		.61
Map/Reading Lights		.20
Message Center		
Water in Fuel		.48
Navigation		.35
New Vehicle Break-In Period		.17, 46
Oil, Engine		.87, 89
Capacity		.87, 89
Filter		.87, 89
Recommendation		.87, 89
Viscosity		.87, 89
Oil Pressure Light		.58
Outlet		
Power		.43
Overheating, Engine		.63
ParkSense® System, Rear		.24
Phone, Cellular		.35
Phone (Pairing)		.35
Phone (Uconnect®)		.35
Placard, Tire and Loading		
Information		.105
Power		
Outlet (Auxiliary		
Electrical Outlet)		.43
Power Steering Fluid		.88, 91
Programmable Electronic		
Features		.42
Radio		.31
Radio Operation		.33
Radio (Sound Systems)		.29
Rain Sensitive Wiper System		.21
Rear Camera		.25
Rear ParkSense System		.24
Recreational Towing		.44
Replacement Bulbs		.107
Reporting Safety Defects		.109

INDEX

Schedule, Maintenance	92, 97
Seat Belt	
Automatic Locking Retractor	
(ALR)	.8
Child Restraints	.8
Energy Management Feature	.8
Lap/Shoulder Belts	.8
Seat Belt Pretensioner	.8
Seat Belt Reminder	.8
Seat Belts	
Reminder	.61
Seats	.10
Adjustment	.10
Air Seat	.13
Armrest Height	.14
Heated	.15
Height Adjustment	.11
Lumbar Support	.10
Reclining	.12
Swivel	.13
Security Alarm	.62
Selection of Coolant	
(Antifreeze)	.87, 89
Shift Lever Override	.81
Signals, Turn	.19, 62
Sirius Satellite Radio	.33
Spark Plugs	.87
Speed Control (Cruise Control)	.22
Starting	
Cold Weather	.47
Engine Block Heater	.48
Starting Procedures	
(Diesel Engines)	.46
Steering Wheel Audio Controls	.41
Telephone	.35
Telescoping Steering Column	.16
Text Messaging	.38
Tires	
Air Pressure	.105
Towing	.44
Disabled Vehicle	.82
Recreational	.44
Trailer Towing	
Trailer and Tongue Weight	.44
Trailer Weight	.44
Transmission	
Fluid	.88, 91
Turbo Cool Down	.54
Turn Signals	.19, 62
Uconnect® Voice Command	.37
USB Port	.30
Voice Command	.38
Voice Recognition System (VR)	.38
Washers, Windshield	.21
Water in Fuel	.48
Wheel and Wheel Trim Care	.106
Windshield Washers	.21
Fluid	.63
Windshield Wipers	.21

This guide has been prepared to help you get quickly acquainted with your new RAM and to provide a convenient reference source 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 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 dealer.



DRIVING AND ALCOHOL

Drunken 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.



**Download a free electronic copy of the Owner's Manual
or Warranty Booklet by visiting the Owners tab at:
www.ramtrucks.com (U.S.) or www.ramtruck.ca (Canada).**



14VF-926-AA
RAM ProMaster
Fifth Edition
User Guide