

RAM PROMASTER

2017 USER GUIDE



RAM
COMMERCIAL

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PROMASTER

2017 USER GUIDE

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 Booklets 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. Your Owner's Manual, Navigation/Uconnect Manuals, Warranty Booklets and Tire Warranty can be found on your DVD (if applicable) or by visiting the website on the back cover of your User Guide. We hope you find it useful. U.S. residents can purchase replacement kits by visiting **www.techauthority.com** and Canadian residents can purchase replacement kits by calling **1-800-387-1143**.

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

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INTRODUCTION/WELCOME

WELCOME FROM FCA US LLC

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

Your new FCA US 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 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 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 (excluding legal lines).

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 transmission gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children. A child could operate power windows, other controls, or move the vehicle.
- 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. 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.

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



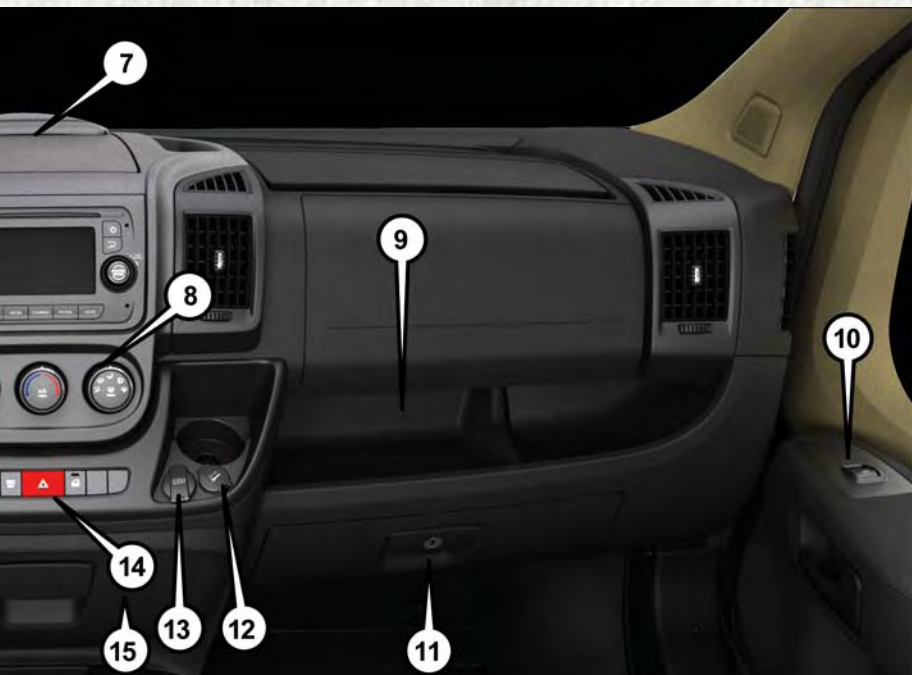
CONTROLS AT A GLANCE



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CONTROLS AT A GLANCE



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(See page 103 for Instrument Cluster Warning Lights.)

CONTROLS AT A GLANCE



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- 7. Fuel Gauge

(See page 108 for Instrument Cluster Indicator Lights.)

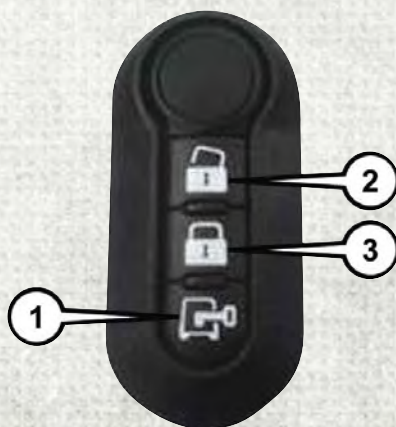
GETTING STARTED

KEY FOB

Locking And Unlocking The Doors

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

All doors can be programmed to unlock on the first press of the unlock button. Refer to “Uconnect Settings” in “Understanding Your Instrument Panel” in the Owner's Manual on your DVD for further information.



Key Fob

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

OCCUPANT RESTRAINT SYSTEMS

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

Occupant Restraint Systems Features

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

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

Important Safety Precautions

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

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

1. Children 12 years old and under should always ride buckled up in a vehicle with a rear seat.

GETTING STARTED

2. If a child from 2 to 12 years old (not in a rear-facing child restraint) must ride in the front passenger seat, move the seat as far back as possible and use the proper child restraint (Refer to "Child Restraints").
3. Children that are not big enough to wear the vehicle seat belt properly (Refer to "Child Restraints") should be secured in a vehicle with a rear seat in child restraints or belt-positioning booster seats. Older children who do not use child restraints or belt-positioning booster seats should ride properly buckled up in a vehicle with a rear seat.
4. Never allow children to slide the shoulder belt behind them or under their arm.
5. You should read the instructions provided with your child restraint to make sure that you are using it properly.
6. All occupants should always wear their lap and shoulder belts properly.
7. The driver and front passenger seats should be moved back as far as practical to allow the front air bags room to inflate.
8. Do not lean against the door or window. If your vehicle has side air bags, and deployment occurs, the side air bags will inflate forcefully into the space between occupants and the door and occupants could be injured.
9. If the air bag system in this vehicle needs to be modified to accommodate a disabled person, contact the Customer Center. Phone numbers are provided under "If You Need Consumer Assistance" in your Owner's Manual on the DVD.

WARNING!

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

Seat Belt Systems


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

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

GETTING STARTED

Enhanced Seat Belt Use Reminder System (BeltAlert)

Driver and Passenger BeltAlert (If Equipped)

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

Initial Indication

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

BeltAlert Warning Sequence

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

Change Of Status

If the driver or outboard front seat passenger (if equipped with outboard front passenger seat BeltAlert) unbuckles their seat belt while the vehicle is traveling, the BeltAlert warning sequence will begin until the seat belts are buckled again. The outboard front passenger seat BeltAlert is not active when the outboard front passenger seat is unoccupied. BeltAlert may be triggered when an animal or other items are placed on the outboard front passenger seat or when the seat is folded flat (if equipped). It is recommended that pets be restrained in the rear seat (if equipped) in pet harnesses or pet carriers that are secured by seat belts, and cargo is properly stowed.

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

NOTE:

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

Lap/Shoulder Belts

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

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

WARNING!

- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, the air bags won't deploy at all. Always wear your seat belt even though you have air bags.
- In a collision, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle. Always be sure you and others in your vehicle are buckled up properly.
- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly. Occupants, including the driver, should always wear their seat belts whether or not an air bag is also provided at their seating position to minimize the risk of severe injury or death in the event of a crash.
- Wearing your seat belt incorrectly could make your injuries in a collision much worse. You might suffer internal injuries, or you could even slide out of the seat belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.
- Two people should never be belted into a single seat belt. People belted together can crash into one another in a collision, hurting one another badly. Never use a lap/shoulder belt or a lap belt for more than one person, no matter what their size.
- A lap belt worn too high can increase the risk of injury in a collision. The seat belt forces won't be at the strong hip and pelvic bones, but across your abdomen. Always wear the lap part of your seat belt as low as possible and keep it snug.

GETTING STARTED

WARNING!

- A twisted seat belt may not protect you properly. In a collision, it could even cut into you. Be sure the seat belt is flat against your body, without twists. If you can't straighten a seat belt in your vehicle, take it to your authorized dealer immediately and have it fixed.
- A seat belt that is buckled into the wrong buckle will not protect you properly. The lap portion could ride too high on your body, possibly causing internal injuries. Always buckle your seat belt into the buckle nearest you.
- A seat belt that is too loose will not protect you properly. In a sudden stop, you could move too far forward, increasing the possibility of injury. Wear your seat belt snugly.
- A seat belt that is worn under your arm is dangerous. Your body could strike the inside surfaces of the vehicle in a collision, increasing head and neck injury. A seat belt worn under the arm can cause internal injuries. Ribs aren't as strong as shoulder bones. Wear the seat belt over your shoulder so that your strongest bones will take the force in a collision.
- A shoulder belt placed behind you will not protect you from injury during a collision. You are more likely to hit your head in a collision if you do not wear your shoulder belt. The lap and shoulder belt are meant to be used together.
- A frayed or torn seat belt could rip apart in a collision and leave you with no protection. Inspect the seat belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the seat belt system. Seat belt assemblies must be replaced after a collision.

Lap/Shoulder Belt Operating Instructions

1. Enter the vehicle and close the door. Sit back and adjust the seat.
2. The seat belt latch plate is above the back of the front seat, and next to your arm in the rear seat (for vehicles equipped with a rear seat). Grasp the latch plate and pull out the seat belt. Slide the latch plate up the webbing as far as necessary to allow the seat belt to go around your lap.
3. When the seat belt is long enough to fit, insert the latch plate into the buckle until you hear a "click."



Pulling Out The Latch Plate

- 1 — Seat Belt Latch Plate
2 — Seat Belt Buckle

4. Position the lap belt so that it is snug and lies low across your hips, below your abdomen. To remove slack in the lap belt portion, pull up on the shoulder belt. To loosen the lap belt if it is too tight, tilt the latch plate and pull on the lap belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision.
5. Position the shoulder belt across the shoulder and chest with minimal, if any slack so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the shoulder belt.
6. To release the seat belt, push the red button on the buckle. The seat belt will automatically retract to its stowed position. If necessary, slide the latch plate down the webbing to allow the seat belt to retract fully.

Lap/Shoulder Belt Untwisting Procedure

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

1. Position the latch plate as close as possible to the anchor point.
2. At about 6 to 12 inches (15 to 30 cm) above the latch plate, grasp and twist the seat belt webbing 180 degrees to create a fold that begins immediately above the latch plate.
3. Slide the latch plate upward over the folded webbing. The folded webbing must enter the slot at the top of the latch plate.
4. Continue to slide the latch plate up until it clears the folded webbing and the seat belt is no longer twisted.

Adjustable Upper Shoulder Belt Anchorage

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

GETTING STARTED

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

NOTE:

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



Adjustable Anchorage

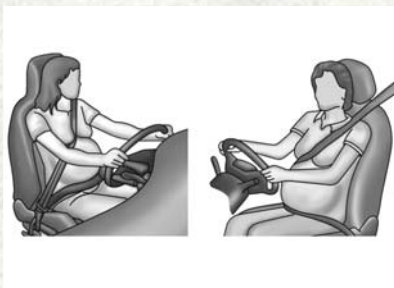
WARNING!

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

Seat Belts And Pregnant Women

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

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



Pregnant Women And Seat Belts

Seat Belt Pretensioner

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

NOTE:

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

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

Energy Management Feature

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

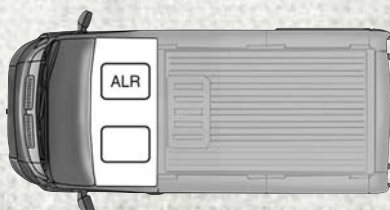
GETTING STARTED

Switchable Automatic Automatic Locking Retractor (ALR)

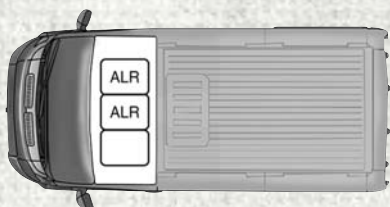
The seat belt in the passenger seating position is equipped with a Switchable Automatic Locking Retractor (ALR) which is used to secure a child restraint system. For additional information, refer to "Installing Child Restraints Using The Vehicle Seat Belt" under the "Child Restraints" section of this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

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

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



Front Bucket Seat Automatic Locking Retractor (ALR) Location



Front Bench Seat Automatic Locking Retractor (ALR) Locations

WARNING!

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

How To Engage The Automatic Locking Mode

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

How To Disengage The Automatic Locking Mode

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

WARNING!

- The seat belt assembly must be replaced if the switchable Automatic Locking Retractor (ALR) feature or any other seat belt function is not working properly when checked according to the procedures in the Service Manual.
- Failure to replace the seat belt assembly could increase the risk of injury in collisions.
- Do not use the Automatic Locking Mode to restrain occupants who are wearing the seat belt or children who are using booster seats. The locked mode is only used to install rear-facing or forward-facing child restraints that have a harness for restraining the child.

Supplemental Restraint System (SRS)


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

The air bag system must be ready to protect you in a collision. The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with the electrical Air Bag System Components. Your vehicle may be equipped with the following Air Bag System Components:

Air Bag System Components

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


Your vehicle may be equipped with the following air bag system components:

- Occupant Restraint Controller (ORC)
- Air Bag Warning Light 
- Steering Wheel and Column
- Instrument Panel

GETTING STARTED

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

Air Bag Warning Light

 The ORC monitors the readiness of the electronic parts of the air bag system whenever the ignition switch is in the START or ON/RUN position. If the ignition switch is in the OFF position or in the ACC position, the air bag system is not on and the air bags will not inflate.

The ORC contains a backup power supply system that may deploy the air bag system even if the battery loses power or it becomes disconnected prior to deployment.

The ORC turns on the Air Bag Warning Light in the instrument panel for approximately four to eight seconds for a self-check when the ignition switch is in the ON/RUN position. After the self-check, the Air Bag Warning Light will turn off. If the ORC detects a malfunction in any part of the system, it turns on the Air Bag Warning Light, either momentarily or continuously. A single chime will sound to alert you if the light comes on again after initial startup.

The ORC also includes diagnostics that will illuminate the instrument panel Air Bag Warning Light if a malfunction is detected that could affect the air bag system. The diagnostics also record the nature of the malfunction. While the air bag system is designed to be maintenance free, if any of the following occurs, have an authorized dealer service the air bag system immediately.

- The Air Bag Warning Light does not come on during the four to eight seconds when the ignition switch is first in the ON/RUN position.
- The Air Bag Warning Light remains on after the four to eight-second interval.
- The Air Bag Warning Light comes on intermittently or remains on while driving.

NOTE:

If the speedometer, tachometer, or any engine related gauges are not working, the Occupant Restraint Controller (ORC) may also be disabled. In this condition the air bags may not be ready to inflate for your protection. Have an authorized dealer service the air bag system immediately.

WARNING!

Ignoring the Air Bag Warning Light in your instrument panel could mean you won't have the air bags to protect you in a collision. If the light does not come on as a bulb check when the ignition is first turned on, stays on after you start the vehicle, or if it comes on as you drive, have an authorized dealer service the air bag system immediately.

GETTING STARTED

Front Air Bags

This vehicle has front air bags for both the driver and front passenger as a supplement to the seat belt restraint systems. The driver front air bag is mounted in the center of the steering wheel. The passenger front air bag is mounted in the instrument panel, above the glove compartment. The words “SRS AIRBAG” or “AIRBAG” are embossed on the air bag covers.



**Front Air Bag And Knee Impact
Bolster Locations**

- 1 — Driver Front Air Bag
- 2 — Passenger Front Air Bag
- 3 — Driver/Passenger Knee Impact Bolster

WARNING!

- Being too close to the steering wheel or instrument panel during front air bag deployment could cause serious injury, including death. Air bags need room to inflate. Sit back, comfortably extending your arms to reach the steering wheel or instrument panel.
- Never place a rear-facing child restraint in front of an air bag. A deploying passenger front air bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.
- Only use a rear-facing child restraint in a vehicle with a rear seat.

Driver and Passenger Front Air Bag Features

The driver and passenger front air bag system is designed to inflate based on the severity and type of collision as determined by the Occupant Restraint Controller (ORC), which may receive information from the front impact sensors (if equipped) or other system components.

GETTING STARTED

This vehicle may be equipped with a driver and/or front passenger seat belt buckle switch that detects whether the driver or front passenger seat belt is buckled. The seat belt buckle switch may adjust the inflation rate of the Advanced Front Air Bags.

WARNING!

- No objects should be placed over or near the air bag on the instrument panel or steering wheel because any such objects could cause harm if the vehicle is in a collision severe enough to cause the air bag to inflate.
- Do not put anything on or around the air bag covers or attempt to open them manually. You may damage the air bags and you could be injured because the air bags may no longer be functional. The protective covers for the air bag cushions are designed to open only when the air bags are inflating.
- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, air bags won't deploy at all. Always wear your seat belts even though you have air bags.

Front Air Bag Operation

Front Air Bags are designed to provide additional protection by supplementing the seat belts. Front air bags are not expected to reduce the risk of injury in rear, side, or rollover collisions. The front air bags will not deploy in all frontal collisions, including some that may produce substantial vehicle damage — for example, some pole collisions, truck underrides, and angle offset collisions.

On the other hand, depending on the type and location of impact, front air bags may deploy in crashes with little vehicle front-end damage but that produce a severe initial deceleration.

Because air bag sensors measure vehicle deceleration over time, vehicle speed and damage by themselves are not good indicators of whether or not an air bag should have deployed.

Seat belts are necessary for your protection in all collisions, and also are needed to help keep you in position, away from an inflating air bag.

When the ORC detects a collision requiring the front air bags, it signals the inflator units. A large quantity of non-toxic gas is generated to inflate the front air bags.

The steering wheel hub trim cover and the upper right side of the instrument panel separate and fold out of the way as the air bags inflate to their full size. The front air bags fully inflate in less time than it takes to blink your eyes. The front air bags then quickly deflate while helping to restrain the driver and front passenger.

Knee Impact Bolsters

The Knee Impact Bolsters help protect the knees of the driver and front passenger, and position the front occupants for improved interaction with the front air bags.

WARNING!

- Do not drill, cut, or tamper with the knee impact bolsters in any way.
- Do not mount any accessories to the knee impact bolsters such as alarm lights, stereos, citizen band radios, etc.

Supplemental Side Air Bags

Your vehicle is equipped with two types of supplemental Side Air Bags:

1. **Supplemental Seat-Mounted Side Air Bags (SABs):** Located in the outboard side of the front seats. The SABs are marked with a “SRS AIRBAG” or AIRBAG label sewn into the outboard side of the seats.

The SABs may help to reduce the risk of occupant injury during certain side impacts, in addition to the injury reduction potential provided by the seat belts and body structure.

When the SAB deploys, it opens the seam on the outboard side of the seatback's trim cover. The inflating SAB deploys through the seat seam into the space between the occupant and the door. The SAB moves at a very high speed and with such a high force that it could injure occupants if they are not seated properly, or if items are positioned in the area where the SAB inflates. Children are at an even greater risk of injury from a deploying air bag.



Supplemental Seat-Mounted Side Air Bag Label

WARNING!

Do not use accessory seat covers or place objects between you and the Side Air Bags; the performance could be adversely affected and/or objects could be pushed into you, causing serious injury.

GETTING STARTED

2. **Supplemental Side Air Bag Inflatable Curtains (SABICs):** Located above the side windows. The trim covering the SABICs is labeled “SRS AIRBAG” or “AIRBAG.”

SABICs may help reduce the risk of head and other injuries to front and rear seat outboard occupants in certain side impacts, in addition to the injury reduction potential provided by the seat belts and body structure.

The SABIC deploys downward, covering the side windows. An inflating SABIC pushes the outside edge of the headliner out of the way and covers the window. The SABICs inflate with enough force to injure occupants if they are not belted and seated properly, or if items are positioned in the area where the SABICs inflate. Children are at an even greater risk of injury from a deploying air bag.



Supplemental Side Air Bag Inflatable Curtain (SABIC) Label Location

WARNING!

- Do not stack luggage or other cargo up high enough to block the deployment of the SABICs. The trim covering above the side windows where the SABIC and its deployment path are located should remain free from any obstructions.
- In order for the SABICs to work as intended, do not install any accessory items in your vehicle which could alter the roof. Do not add an aftermarket sunroof to your vehicle. Do not add roof racks that require permanent attachments (bolts or screws) for installation on the vehicle roof. Do not drill into the roof of the vehicle for any reason.

The SABICs and SABs (Side Air Bags) are designed to activate in certain side impacts. The Occupant Restraint Controller (ORC) determines whether the deployment of the Side Air Bags in a particular impact event is appropriate, based on the severity and type of collision. The side impact sensors aid the ORC in determining the appropriate response to impact events. The system is calibrated to deploy the Side Air Bags on the impact side of the vehicle during impacts that require Side Air Bag occupant protection. In side impacts, the Side Air Bags deploy independently; a left side impact deploys the left Side Air Bags only and a right-side impact deploys the right Side Air Bags only. Vehicle damage by itself is not a good indicator of whether or not Side Air Bags should have deployed.

GETTING STARTED

The Side Air Bags will not deploy in all side collisions, including some collisions at certain angles, or some side collisions that do not impact the area of the passenger compartment. The Side Air Bags may deploy during angled or offset frontal collisions where the front air bags deploy.

Side Air Bags are a supplement to the seat belt restraint system. Side Air Bags deploy in less time than it takes to blink your eyes.

WARNING!

- Occupants, including children, who are up against or very close to Side Air Bags can be seriously injured or killed. Occupants, including children, should never lean on or sleep against the door, side windows, or area where the side air bags inflate, even if they are in an infant or child restraint.
- Seat belts (and child restraints where appropriate) are necessary for your protection in all collisions. They also help keep you in position, away from an inflating Side Air Bag. To get the best protection from the Side Air Bags, occupants must wear their seat belts properly and sit upright with their backs against the seats. Children must be properly restrained in a child restraint or booster seat that is appropriate for the size of the child.

WARNING!

- Side Air Bags need room to inflate. Do not lean against the door or window. Sit upright in the center of the seat.
- Being too close to the Side Air Bags during deployment could cause you to be severely injured or killed.
- Relying on the Side Air Bags alone could lead to more severe injuries in a collision. The Side Air Bags work with your seat belt to restrain you properly. In some collisions, Side Air Bags won't deploy at all. Always wear your seat belt even though you have Side Air Bags.

NOTE:


Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.

The SABICs may help reduce the risk of partial or complete ejection of vehicle occupants through side windows in certain side impact events.

GETTING STARTED

The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with electrical Air Bag System Components listed below:

Air Bag System Components

- Occupant Restraint Controller (ORC)
- Air Bag Warning Light 
- Steering Wheel and Column
- Instrument Panel
- Knee Impact Bolsters
- Driver and Front Passenger Air Bags
- Supplemental Side Air Bags
- Front and Side Impact Sensors
- Seat Belt Pretensioners
- Seat Belt Buckle Switch

If A Deployment Occurs

The front air bags are designed to deflate immediately after deployment.

NOTE:

Front and/or side air bags will not deploy in all collisions. This does not mean something is wrong with the air bag system.

If you do have a collision which deploys the air bags, any or all of the following may occur:

- The air bag material may sometimes cause abrasions and/or skin reddening to the occupants as the air bags deploy and unfold. The abrasions are similar to friction rope burns or those you might get sliding along a carpet or gymnasium floor. They are not caused by contact with chemicals. They are not permanent and normally heal quickly. However, if you haven't healed significantly within a few days, or if you have any blistering, see your doctor immediately.
- As the air bags deflate, you may see some smoke-like particles. The particles are a normal by-product of the process that generates the non-toxic gas used for air bag inflation. These airborne particles may irritate the skin, eyes, nose, or throat. If you have skin or eye irritation, rinse the area with cool water. For nose or throat irritation, move to fresh air. If the irritation continues, see your doctor. If these particles settle on your clothing, follow the garment manufacturer's instructions for cleaning.

Do not drive your vehicle after the air bags have deployed. If you are involved in another collision, the air bags will not be in place to protect you.

WARNING!

Deployed air bags and seat belt pretensioners cannot protect you in another collision. Have the air bags, seat belt pretensioners, and the seat belt retractor assemblies replaced by an authorized dealer immediately. Also, have the Occupant Restraint Controller System serviced as well.

NOTE:

- Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.
- After any collision, the vehicle should be taken to an authorized dealer immediately.

Fuel Cut Off Switch

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

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

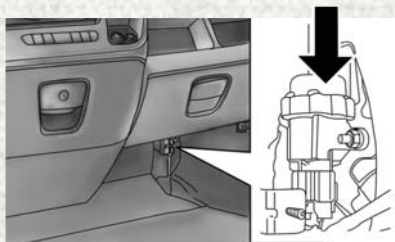
NOTE:

After an accident, remember to cycle the ignition to the STOP (OFF/LOCK) position and remove the key from the ignition switch to avoid draining the battery. Carefully check the vehicle for fuel leaks in the engine compartment and on the ground near the engine compartment and fuel tank before resetting the system and starting the engine. If there are no fuel leaks or damage to the vehicle electrical devices (e.g. headlights) after an accident, reset the Fuel Cut Off Switch by following the procedure described below.

GETTING STARTED

Fuel Cut Off Switch Reset Procedure

In order to reset the Fuel Cut Off Switch after an event push the “A” Button located underneath the front passenger seat knee impact bolster.



Fuel Cut Off Switch

WARNING!

If, after an accident, you smell fuel or see leaks from the fuel system, do not reset the Fuel Cut Off Switch to avoid the risk of fire.

Before reactivating the fuel cut off switch, carefully check for fuel leaks or damage to vehicle electrical devices (e.g. headlights).

Maintaining Your Air Bag System

WARNING!

- Modifications to any part of the air bag system could cause it to fail when you need it. You could be injured if the air bag system is not there to protect you. Do not modify the components or wiring, including adding any kind of badges or stickers to the steering wheel hub trim cover or the upper right side of the instrument panel. Do not modify the front bumper, vehicle body structure, or add aftermarket side steps or running boards.
- It is dangerous to try to repair any part of the air bag system yourself. Be sure to tell anyone who works on your vehicle that it has an air bag system.
- Do not attempt to modify any part of your air bag system. The air bag may inflate accidentally or may not function properly if modifications are made. Take your vehicle to an authorized dealer for any air bag system service. If your seat, including your trim cover and cushion, needs to be serviced in any way (including removal or loosening/tightening of seat attachment bolts), take the vehicle to your authorized dealer. Only manufacturer approved seat accessories may be used. If it is necessary to modify the air bag system for persons with disabilities, contact your authorized dealer.

Event Data Recorder (EDR)

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

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.
- These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE:

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

GETTING STARTED

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

Child Restraints

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

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

WARNING!

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

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

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

NOTE:

- For additional information, refer to www.seatcheck.org or call 1-866-SEATCHECK.
- Canadian residents should refer to Transport Canada's website for additional information: www.tc.gc.ca/eng/motorvehiclesafety/safedrivers-childsafety-index-53.htm

Summary Of Recommendations For Restraining Children In Vehicles

	Child Size, Height, Weight Or Age	Recommended Type Of Child Restraint
Infants and Toddlers	Children who are two years old or younger and who have not reached the height or weight limits of their child restraint	Either an Infant Carrier or a Convertible Child Restraint, facing rearward in the rear seat of the vehicle
Small Children	Children who are at least two years old or who have out-grown the height or weight limit of their rear-facing child restraint	Forward-Facing Child Restraint with a five-point Harness, facing forward in the rear seat of the vehicle
Larger Children	Children who have out-grown their forward-facing child restraint, but are too small to properly fit the vehicle's seat belt	Belt Positioning Booster Seat and the vehicle seat belt, seated in the rear seat of the vehicle
Children Too Large for Child Restraints	Children 12 years old or younger, who have out-grown the height or weight limit of their booster seat	Vehicle Seat Belt, seated in the rear seat of the vehicle

Infant And Child Restraints

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

The infant carrier is only used rear-facing in the vehicle. It is recommended for children from birth until they reach the weight or height limit of the infant carrier. Convertible child seats can be used either rear-facing or forward-facing in the vehicle. Convertible child seats often have a higher weight limit in the rear-facing direction than infant carriers do, so they can be used rear-facing by children who have outgrown their infant carrier but are still less than at least two years old. Children should remain rear-facing until they reach the highest weight or height allowed by their convertible child seat.

WARNING!

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

GETTING STARTED

Older Children And Child Restraints

Children who are two years old or who have outgrown their rear-facing convertible child seat can ride forward-facing in the vehicle. Forward-facing child seats and convertible child seats used in the forward-facing direction are for children who are over two years old or who have outgrown the rear-facing weight or height limit of their rear-facing convertible child seat. Children should remain in a forward-facing child seat with a harness for as long as possible, up to the highest weight or height allowed by the child seat.

All children whose weight or height is above the forward-facing limit for the child seat should use a belt-positioning booster seat until the vehicle's seat belts fit properly. If the child cannot sit with knees bent over the vehicle's seat cushion while the child's back is against the seatback, they should use a belt-positioning booster seat. The child and belt-positioning booster seat are held in the vehicle by the seat belt.

WARNING!

- Improper installation can lead to failure of an infant or child restraint. It could come loose in a collision. The child could be badly injured or killed. Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.
- After a child restraint is installed in the vehicle, do not move the vehicle seat forward or rearward because it can loosen the child restraint attachments. Remove the child restraint before adjusting the vehicle seat position. When the vehicle seat has been adjusted, reinstall the child restraint.
- When your child restraint is not in use, secure it in the vehicle with the seat belt or LATCH anchorages, or remove it from the vehicle. Do not leave it loose in the vehicle. In a sudden stop or accident, it could strike the occupants or seatbacks and cause serious personal injury.

Children Too Large For Booster Seats

Children who are large enough to wear the shoulder belt comfortably, and whose legs are long enough to bend over the front of the seat when their back is against the seatback, should use the seat belt in a rear seat. Use this simple 5-step test to decide whether the child can use the vehicle's seat belt alone:

1. Can the child sit all the way back against the back of the vehicle seat?
2. Do the child's knees bend comfortably over the front of the vehicle seat – while they are still sitting all the way back?
3. Does the shoulder belt cross the child's shoulder between their neck and arm?
4. Is the lap part of the belt as low as possible, touching the child's thighs and not their stomach?
5. Can the child stay seated like this for the whole trip?

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

WARNING!

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

Installing Child Restraints in Commercial Vehicles

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

WARNING!

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

Installing Child Restraints Using The Vehicle Seat Belt

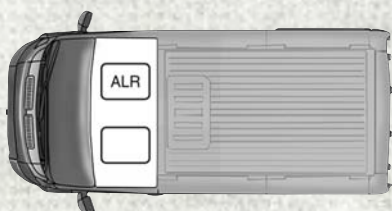
Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt.

WARNING!

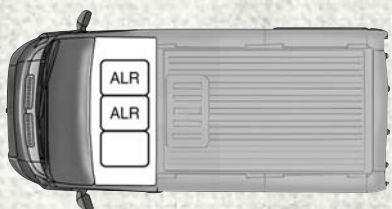
- Improper installation or failure to properly secure a child restraint can lead to failure of the restraint. The child could be badly injured or killed.
- Follow the child restraint manufacturer’s directions exactly when installing an infant or child restraint.

GETTING STARTED

The seat belts in the passenger seating positions are equipped with a Switchable Automatic Locking Retractor (ALR) that is designed to keep the lap portion of the seat belt tight around the child restraint so that it is not necessary to use a locking clip. The ALR retractor can be “switched” into a locked mode by pulling all of the webbing out of the retractor and then letting the webbing retract back into the retractor. If it is locked, the ALR will make a clicking noise while the webbing is pulled back into the retractor. Refer to the “Automatic Locking Mode” description under “Occupant Restraints” for additional information on ALR.



Front Bucket Seat Automatic Locking Retractor (ALR) Location



Front Bench Seat Automatic Locking Retractor (ALR) Locations

GETTING STARTED

Installing A Child Restraint With A Switchable Automatic Locking Retractor (ALR)

Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt.

WARNING!

- Improper installation or failure to properly secure a child restraint can lead to failure of the restraint. The child could be badly injured or killed.
- Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

1. Place the child seat in the center of the seating position. Move the vehicle seat as far rearward as possible to keep the child as far from the advanced passenger air bag as possible.
2. Pull enough of the seat belt webbing from the retractor to pass it through the belt path of the child restraint. Do not twist the belt webbing in the belt path.
3. Slide the latch plate into the buckle until you hear a "click."
4. Pull on the webbing to make the lap portion tight against the child seat.
5. To lock the seat belt, pull down on the shoulder part of the belt until you have pulled all the seat belt webbing out of the retractor. Then, allow the webbing to retract back into the retractor. As the webbing retracts, you will hear a clicking sound. This means the seat belt is now in the Automatic Locking mode.
6. Try to pull the webbing out of the retractor. If it is locked, you should not be able to pull out any webbing. If the retractor is not locked, repeat step 5.
7. Finally, pull up on any excess webbing to tighten the lap portion around the child restraint while you push the child restraint rearward and downward into the vehicle seat.
8. If the child restraint has a top tether strap and the seating position has a top tether anchorage, connect the tether strap to the anchorage and tighten the tether strap. See the section "Installing Child Restraints Using the Top Tether Anchorage" for directions to attach a tether anchor.
9. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.

Any seat belt system will loosen with time, so check the belt occasionally, and pull it tight if necessary.

GETTING STARTED

Transporting Pets

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

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

HEAD RESTRAINTS

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

WARNING!

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

Front Head Restraints

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

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

WARNING!

- A loose head restraint thrown forward in a collision or hard stop could cause serious injury or death to occupants of the vehicle. Always securely stow removed head restraints in a location outside the occupant compartment.
- ALL the head restraints MUST be reinstalled in the vehicle to properly protect the occupants. Follow the re-installation instructions above prior to operating the vehicle or occupying a seat.

NOTE:

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

FRONT SEATS

Manual Front Seat Adjustments

The driver and passenger seats can be adjusted forward/rearward and reclined. Also, if equipped, front and rear height and lumbar adjustment.

WARNING!

- Adjusting a seat while driving may be dangerous. Moving a seat while driving could result in loss of control which could cause a collision and serious injury or death.
- Seats should be adjusted before fastening the seat belts and while the vehicle is parked. Serious injury or death could result from a poorly adjusted seat belt.

Forward And Rearward Adjustment

The adjusting bar is at the front of the seat, near the floor. Pull the bar upward to move the seat forward or rearward. Release the bar once the seat is in 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 — If Equipped

This feature allows you to increase or decrease the amount of 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.



Drivers Seat

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

GETTING STARTED

Height Adjustment (Without Swivel Seat) — If Equipped

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 Adjustment Levers

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

Height Adjustment (With Swivel Seat) — If Equipped

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 Adjustment — Without Swivel Seat

The recliner knob is on the rear outboard side of the seat. To recline the seatback, lean back, rotate the knob rearward to position the seatback as desired. To return the seatback to its normal upright position, lean forward, rotate the knob forward until the seatback is in the upright position.



Recliner Knob

Recliner Adjustment — 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

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 adjusted properly and you could be injured. Adjust the seat only while the vehicle is parked.
- Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt and be seriously or even fatally injured. Use the recliner only when the vehicle is parked.

GETTING STARTED

Suspension Seat

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.



Weight Adjustment Knob

Damper Weight Adjustment

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).

Swivel Seat

The swivel seat lever is located at the lower front inboard side of the seat. The seat may be turned through 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 inboard lever outward, turn the seat to the desired position and release the lever.

If the vehicle is equipped with interlocking swivel seats, the seats must be locked in facing forward position while driving. If the seats are not in the correct position, a warning will appear in the instrument cluster display.



Swivel Seat Lever

If the driver or the passenger seats are not locked in facing forward position before the first vehicle movement, shifting out of park is not allowed until the seats are both locked in facing forward position. When the seats are not in the right position and the first vehicle movement after the cranking is attempted, a chime and a text message will appear in instrument cluster display. Rotate and lock the swivel seats in the correct position before trying again.

If the driver or the passenger seats are not locked in facing forward position during movement of the vehicle, a message will appear in the instrument cluster display and an intermittent chime will sound until key-off or until the swivel seats are locked in facing forward position. Stop and move the swivel seats in the correct position before proceeding.

If a fault is present in the system and it is not possible to check the correct position of the swivel seats, a message and the generic warning light appears in the instrument cluster display to inform about the failure. In these conditions, check the status of the swivel seats and not drive the vehicle until the swivel seats are locked in facing forward position.

Adjustable Armrests — If Equipped

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

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



Adjuster Wheel

GETTING STARTED

HEATED SEATS

Front Heated Seats — If Equipped

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

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

NOTE:

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



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 condition must exercise care when using the seat heater. It may cause burns even at low temperatures, especially if used for long periods of time.
- Do not place anything on the seat or seatback that insulates against heat, such as a blanket or cushion. This may cause the seat heater to overheat. Sitting in a seat that has been overheated could cause serious burns due to the increased surface temperature of the seat.

TELESCOPING STEERING COLUMN

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

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.



Telescoping Control Handle

WARNING!

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

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. Refer to "Maintenance Procedures" in "Maintaining Your Vehicle" in your Owner's Manual on the DVD for further details.

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
- 2 — Push Air Recirculation Button
- 3 — Rotate Temperature Control
- 4 — Push A/C Button

- 5 — Rotate Mode 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.

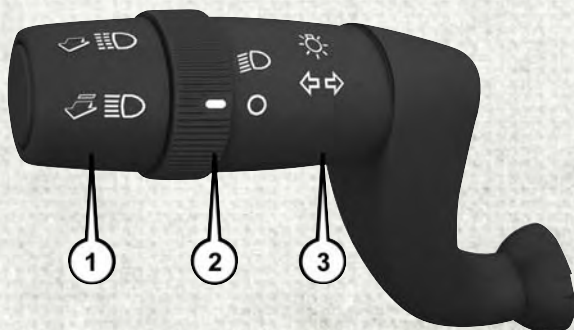
Heated Mirrors — If Equipped

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

OPERATING YOUR VEHICLE

MULTIFUNCTION LEVER

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



Turn Signal Headlight Lever

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

Turn Signals

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

NOTE:

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

Headlights

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

High Beam/Low Beam Select Switch

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

Lane Change Assist

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

Parking Lights

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

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

INTERIOR LIGHTS

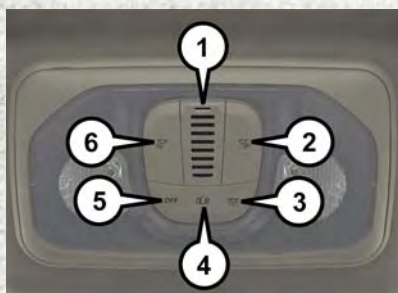
Overhead Lights

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

Dome Lights

The interior lights can be set to three different positions (Off/Left Position, Center Position, On/Right Position). Using the switch on the bottom of the overhead console:

- Push the switch to the on/right position from its center position and the lights are always on.
- Push the switch to the off/left position from its center position and the lights are always off.
- Leave the switch in the center position, and the lights are turned on and off when the doors are opened or closed.



Overhead Lights

- 1 — Ambient Light
- 2 — Right Map Light
- 3 — On/Right Position
- 4 — Center Position
- 5 — Off/Left Position
- 6 — Left Map Light

OPERATING YOUR VEHICLE

Map Lights

The switches on the left and right sides of the overhead console controls the map or reading function of the lights. Push the switch on the right position to turn the right light on, push again to turn the right light off. Push the switch on the left position to turn the left light on, also push again to turn the left light off.

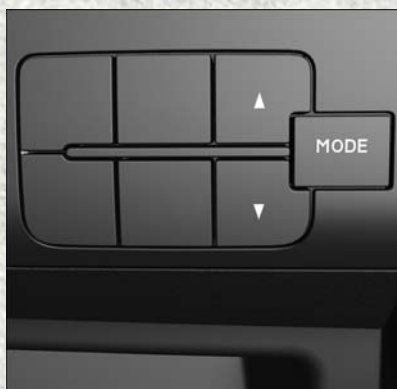
CAUTION!

Before getting out of the vehicle be sure that the switch is in the center position or that the lights are off to avoid draining the battery.

Dimmer Controls

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

Pushing the up or down arrow will increase or decrease the brightness of the instrument panel lights.



Dimmer Controls

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).

- Push 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.
- Push the Cargo Lamp lens to the left from its center position and the lamp is always on.

OPERATING YOUR VEHICLE

WINDSHIELD WIPERS AND WASHERS

Windshield Wipers

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

NOTE:

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



Wiper Washer Lever

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

Intermittent Wiper System

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

Low Speed

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

High Speed

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

Mist Feature

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

NOTE:

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

OPERATING YOUR VEHICLE

Windshield Washer Operation

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

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

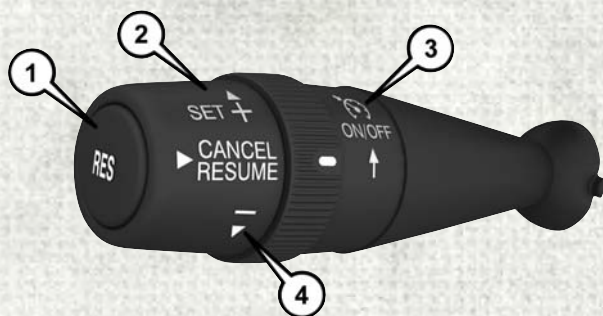
WARNING!

Sudden loss of visibility through the windshield could lead to a collision. You might not see other vehicles or other obstacles. To avoid sudden icing of the windshield during freezing weather, warm the windshield with the defroster before and during windshield washer use.

ELECTRONIC SPEED CONTROL

When engaged, the Electronic Speed Control takes over accelerator operations at speeds greater than 25 mph (40 km/h) up to the maximum speed of 100 mph (160 km/h).

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



Electronic Speed Control Lever

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

OPERATING YOUR VEHICLE

NOTE:

In order to ensure proper operation, the Electronic Speed Control System has been designed to shut down if multiple Speed Control functions are operated at the same time. If this occurs, the Electronic Speed Control System can be reactivated by rotating the Electronic Speed Control ON/OFF center ring and resetting the desired vehicle set speed.

To Activate

Rotate the center ring upward on the electronic speed control lever to turn the system ON. The Cruise Indicator Light in the instrument cluster display will illuminate. To turn the system OFF, rotate the center ring upward a second time. The Cruise Indicator Light will turn off. The system should be turned off when not in use.

WARNING!

Leaving the 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 an accident. Always leave the system OFF when you are not using it.

To Set A Desired Speed

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

NOTE:

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

To Deactivate

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

To Resume Speed

To resume a previously set speed, push the RES button and release. Resume can be used at any speed above 20 mph (32 km/h) up to the maximum speed of 100 mph (160 km/h).

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 drivers preferred units can be selected through the radio settings if equipped. Refer to "Uconnect Settings" in "Understanding Your Instrument Panel" on the DVD for more information. The speed increment shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

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

To Decrease Speed

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

The drivers preferred units can be selected through the radio settings if equipped. Refer to "Uconnect Settings" in "Understanding Your Instrument Panel" on the DVD for more information. The speed increment shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

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

Metric Speed (km/h)

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

OPERATING YOUR VEHICLE

To Accelerate For Passing

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

Using Electronic Speed Control On Hills

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

NOTE:

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

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

WARNING!

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 and have an accident. 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).

PARKVIEW REAR BACK-UP CAMERA

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

NOTE:

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

WARNING!

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



YOUR VEHICLE'S SOUND SYSTEM

1. Steering Wheel Audio Controls (Left) — If Equipped pg. 82
2. Uconnect Phone Mute Button — If Equipped
3. Uconnect Phone Button — If Equipped pg. 73
4. Steering Wheel Audio Controls (Right) — If Equipped pg. 82
5. Phone Hang Up Button — If Equipped
6. Uconnect Voice Command Button — If Equipped pg. 66
7. USB/Audio Jack pg. 65
8. Volume Knob (Touchscreen Radio Shown) pg. 61



- 9. Eject Button (Touchscreen Radio Shown) pg. 61
- 10. CD Slot (Touchscreen Radio Shown) pg. 64
- 11. Uconnect Radio — If Equipped pg. 61
- 12. SETTINGS Button
- 13. Tune/Scroll Knob/Browse/Enter Button
- 14. Front Power Outlet/Cigar Lighter — If Equipped pg. 84
- 15. USB Port (Charging Only)

CYBERSECURITY

Your vehicle may be a connected vehicle and may be equipped with both wired and wireless networks. These networks allow your vehicle to send and receive information. This information allows systems and features in your vehicle to function properly.

Your vehicle may be equipped with certain security features to reduce the risk of unauthorized and unlawful access to vehicle systems and wireless communications. Vehicle software technology continues to evolve over time and FCA US LLC, working with its suppliers, evaluates and takes appropriate steps as needed. Similar to a computer or other devices, your vehicle may require software updates to improve the usability and performance of your systems or to reduce the potential risk of unauthorized and unlawful access to your vehicle systems.

The risk of unauthorized and unlawful access to your vehicle systems may still exist, even if the most recent version of vehicle software (such as Uconnect software) is installed.

WARNING!

- It is not possible to know or to predict all of the possible outcomes if your vehicle's systems are breached. It may be possible that vehicle systems, including safety related systems, could be impaired or a loss of vehicle control could occur that may result in an accident involving serious injury or death.
- ONLY insert media (e.g., USB, SD card, or CD) into your vehicle if it came from a trusted source. Media of unknown origin could possibly contain malicious software, and if installed in your vehicle, it may increase the possibility for vehicle systems to be breached.
- As always, if you experience unusual vehicle behavior, take your vehicle to your nearest authorized dealer immediately.

NOTE:

- FCA or your dealer may contact you directly regarding software updates.
- To help further improve vehicle security and minimize the potential risk of a security breach, vehicle owners should:
 - Routinely check www.driveuconnect.com/software-update to learn about available Uconnect software updates.
 - Only connect and use trusted media devices (e.g. personal mobile phones, USBs, CDs).

Privacy of any wireless and wired communications cannot be assured. Third parties may unlawfully intercept information and private communications without your consent. For further information, refer to "Onboard Diagnostic System (OBD II) Cybersecurity" in your Owner's Manual.

IDENTIFYING YOUR RADIO

Uconnect RH3

- Single Din Mono-Chromatic Display



Uconnect RH3

Uconnect 3.0

- Two buttons on the faceplate on either side of the display
- Phone pick up button on the faceplate



Uconnect 3.0

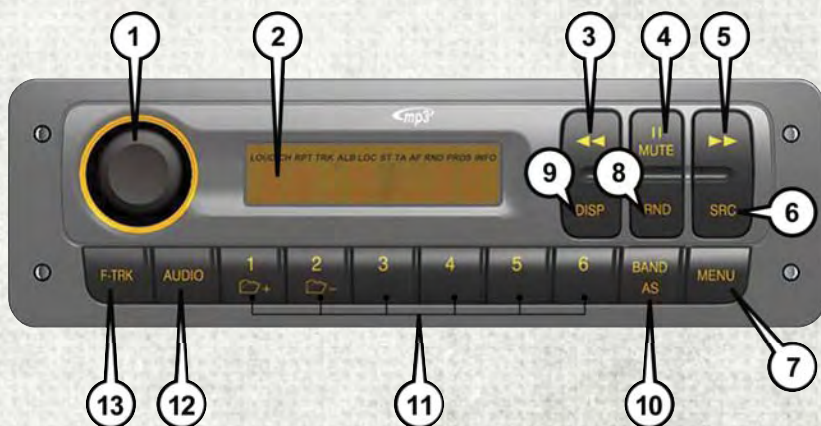
Uconnect 5.0

- 5.0" Full Color Touchscreen Display
- Single Disc CD Player
- Bluetooth Connectivity/Bluetooth Streaming Audio



Uconnect 5.0

UCONNECT RH3



Uconnect RH3

- 1 — On/Off Volume Knob
- 2 — Display
- 3 — SEEK Down Button
- 4 — Mute/Pause Button
- 5 — SEEK Up Button
- 6 — Source Button
- 7 — Menu Button

- 8 — RND Button
- 9 — Display Button
- 10 — Band/As Button
- 11 — Preset Buttons
- 12 — Audio Button
- 13 — Fast Track Button

Enable Or Disable Clock

1. Push 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 pushed, 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 instrument cluster display, please refer to the section titled instrument cluster display in this manual.

Equalizer, Balance And Fade

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

Equalization

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

Balance, Fade, Loudness, Bass And Treble

- Pushing the AUDIO button for less than two seconds accesses an audio function.
- Pushing AUDIO more than once accesses other functions (e.g. Bass, Treble, Balance, Fader, Loudness and Bass). If this key is not pushed again for five seconds or the ROTARY is pushed, 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

- Push the “double arrows” to the left for less than two seconds to seek down to the next station. Push the “double arrows” to the right for less than two seconds to seek up to the next station.
- Hold either button to bypass stations without stopping.

Store Radio Presets Manually

1. Tune to the desired station.
2. Push 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.

CAUTION!

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 Vehicle Radios. Use only quality USB devices.

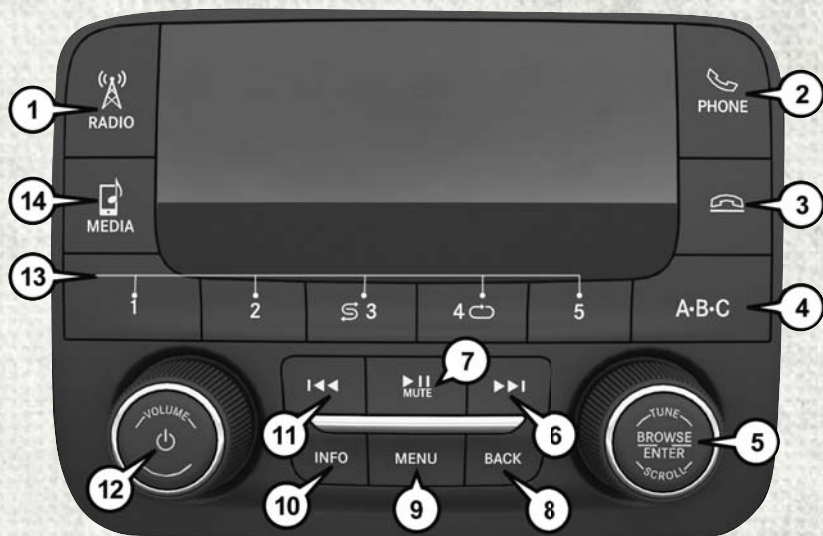
Forward/Reverse Folder

- Push the button memory one (1) to advance to the first track of the next folder that contains audio files. Push the button memory two (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

- Push 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 pushed 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 3.0



Uconnect 3.0 Radio

- | | |
|------------------------------|-----------------------------|
| 1 — RADIO Button | 8 — BACK Button |
| 2 — Phone Pick-Up Button | 9 — MENU Button |
| 3 — Phone Hang-Up Button | 10 — INFO Button |
| 4 — A-B-C Button | 11 — SEEK Down Button |
| 5 — BROWSE/ENTER Button — | 12 — ON/OFF Button — Volume |
| TUNE/SCROLL Knob | Knob |
| 6 — SEEK Up Button | 13 — Preset Buttons |
| 7 — Play/Pause — MUTE Button | 14 — MEDIA Button |

Clock Setting

1. Push the Menu button at the bottom of the radio, and push the Enter/Browse button for System Settings. Next, select the Time and Format setting and then select Set Time by pushing the Enter/Browse button.
2. Adjust the hours or minutes by turning the Tune/Scroll knob, then pushing the Enter/Browse button to move to the next entry. You can also select 12hr or 24hr format by turning the Tune/Scroll knob, then pushing the Enter/Browse button on the desired selection.
3. Once the time is set, press the “Back” button to exit the time screen.

Audio Setting

- Push the MENU button on the radio faceplate.
- The Audio Menu shows the following options for you to customize your audio settings.

Treble, Mid, Bass, Fade, Balance, Speed Adjusted Volume, Loudness and AUX Offset

- Select the desired setting to adjust, then push the ENTER/BROWSE button. Turn the TUNE/SCROLL knob to adjust the setting + or - . Push the “Back” button when done.

Radio Operation

Seek Up/Down Buttons

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

Store Radio Presets Manually

The presets are available for all Radio Modes, and are activated by pushing any of the six preset buttons. The Radio stores up to 18 presets in each of the Radio modes. Push the A-B-C button on the faceplate to select the A, B or C preset list.

To store a radio preset manually, follow the steps below:

1. Tune to the desired station.
2. Push and hold the desired numbered button for more than two seconds, or until you hear a confirmation beep.

Disc Operation (If Equipped)

Your vehicle may have a remote CD player located in the lower center console storage bin, or in the lower center bench seat bin.

- CD/Disc Mode is entered by either inserting a CD/Disc or by pushing the MEDIA button located on the side of the display. Once in Media Mode, select “Disc.”

Gently insert one CD into the CD player with the CD label facing as indicated on the illustration located on the Disc player.

Seek Up/Down Buttons

- Push to seek through CD tracks.
- Hold either button to bypass tracks without stopping.

USB/Audio Jack (AUX) Manual Operation

To select a specific audio source, push the MEDIA button on the faceplate and select from the following modes:

USB/iPod

- USB/iPod Mode is entered by either inserting a USB Jump Drive or iPod cable into the USB port or by pushing the MEDIA button located left of the display.

Audio Jack (AUX)

- The AUX allows a 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 cable, to amplify the source and play through the vehicle's speakers.
- The functions of the device are controlled using the device buttons, not the buttons on the radio. The volume may be controlled using the radio or the device.


Uconnect 5.0



Uconnect 5.0

- | | |
|--------------------------------|-------------------------------|
| 1 — Disc Eject Button | 8 — COMPASS/NAV — If Equipped |
| 2 — Disc Slot | 9 — MEDIA Button |
| 3 — Settings Button | 10 — RADIO Button |
| 4 — Back Button | 11 — On/Off — Volume Knob |
| 5 — Browse/Enter — Tune/Scroll | 12 — Mute Button |
| 6 — MORE Button | 13 — SCREEN ON/OFF |
| 7 — Uconnect PHONE | |

Clock Setting


1. To start the clock setting procedure, push the SETTINGS  button on the right side of the display, then “Clock & Date” button on the touchscreen, and then “Set Time & Format” button on the touchscreen. Select the up or down arrows as appropriate.
2. Press the up or down arrows” to adjust the hours or minutes, next select the AM or PM button on the touchscreen. You can also select 12hr or 24hr format by pressing the desired button on the touchscreen.

3. Once the time is set, press the “Done” or “back arrow” button on the touchscreen to exit the time screen.

NOTE:

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

Equalizer, Balance And Fade

1. Push the SETTINGS  button on the right side of the display.
2. Scroll down and press the “Audio” button on the touchscreen to open the Audio menu.
3. The Audio Menu shows the following options for you to customize your audio settings.

Equalizer

- Press the “Equalizer” button on the touchscreen to adjust the Bass, Mid and Treble. Use the “+” or “-” buttons on the touchscreen to adjust the equalizer to your desired settings.

Balance/Fade

- Press the “Balance/Fade” button on the touchscreen to adjust the sound from the speakers. Use the “arrow” buttons on the touchscreen to adjust the sound level from the front and rear or right and left side speakers. Press the Center “C” button on the touchscreen to reset the balance and fade to the factory setting.

Speed Adjusted Volume

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

Loudness

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

Auto-On Radio

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

Radio Operation



Uconnect 5.0/5.0 NAV Radio

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

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

Seek Up/Down Buttons

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

Store Radio Presets Manually

The Radio stores up to 12 presets in each of the Radio modes. There are four visible presets at the top of the radio screen. Pressing the “All” button on the touchscreen will display all of the preset stations for that mode.

To store a radio preset manually, follow the steps below:

1. Tune to the desired station.
2. Press and hold the desired numbered button on the touchscreen for more than two seconds, or until you hear a confirmation beep.

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, push the RADIO button on the faceplate and then the “SXM” button on the touchscreen.

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.siriusxm.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. © 2016 Sirius XM Radio Inc. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

Disc Operation

- CD/Disc Mode is entered by either inserting a CD/Disc or by pushing 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

- Press the “browse” button on the touchscreen to scroll through and select a desired track on the Disc. Press the “exit” button on the touchscreen 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 pushing the MEDIA button on the faceplate located below the display. Once in Media Mode, press the "Source" button on the touchscreen and select USB/iPod.
- Push the MEDIA button on the faceplate; press the "Source" button on the touchscreen then select USB/iPod to change the mode to the USB device. If the device is connected, music from your portable device plays through the vehicle's speakers.



USB/Audio Jack

- 1 — USB Port
2 — AUX/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.

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

Bluetooth

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

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

Uconnect 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 button on the faceplate in place of the COMPASS button on the faceplate. See your Uconnect Owner’s Manual Supplement manual or www.ramtrucks.com/promaster for additional information.

UCONNECT 5.0 VOICE RECOGNITION QUICK TIPS

Introducing Uconnect

Start using Uconnect Voice Recognition with these helpful quick tips. It provides the key Voice Commands and tips you need to know to control your Uconnect 5.0 system.

Key Features:

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



Uconnect 5.0

Get Started

1. Visit **UconnectPhone.com** to check mobile device and feature compatibility and to find phone pairing instructions.
2. Reduce background noise. Wind and passenger conversations are examples of noise that may impact recognition.
3. Speak clearly at a normal pace and volume while facing straight ahead. The microphone is positioned on the rearview mirror and aimed at the driver.
4. Each time you give a Voice Command, you must first push either the VR or Phone button, wait until **after** the beep, then say your Voice Command.
5. You can interrupt the help message or system prompts by pushing the VR or Phone button and saying a Voice Command from current category.

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




Uconnect VR/Phone Buttons

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

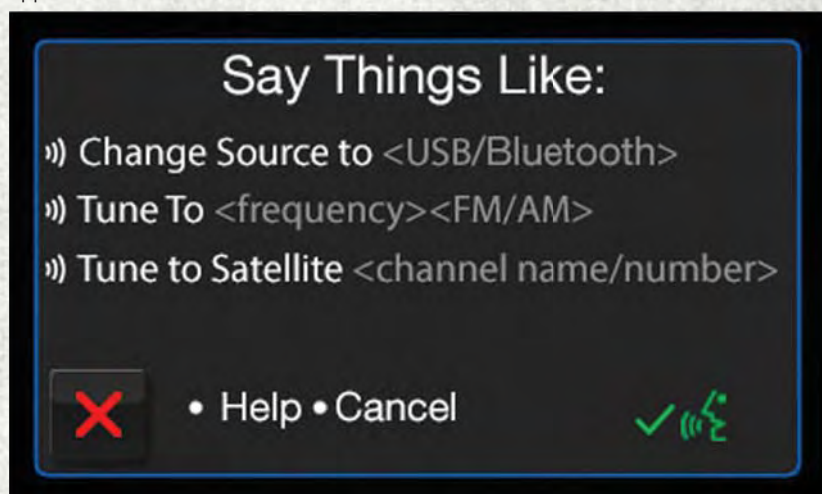
Basic Voice Commands

The basic Voice Commands below can be given at any point while using your Uconnect system.

Push the VR button . After the beep, say:

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


Notice the visual cues that inform you of your voice recognition system's status. Cues appear on the touchscreen.




Uconnect 5.0/5.0 NAV Visual Cues

Radio

Use your voice to quickly get to the AM, FM or SiriusXM Satellite Radio stations you would like to hear. (Subscription or included SiriusXM Satellite Radio trial required.)

Push the VR button  . After the beep, say:

- **Tune to** ninety-five-point-five FM
- **Tune to** Satellite Channel Hits 1


TIP: At any time, if you are not sure of what to say or want to learn a Voice Command, push the VR button  and say **“Help.”** The system will provide you with a list of commands.



Uconnect 5.0 Radio

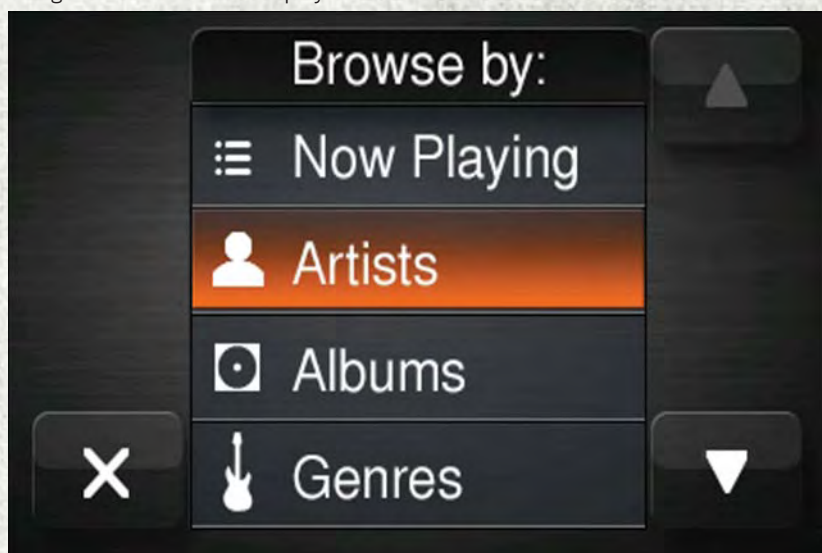
Media

Uconnect offers connections via USB, Bluetooth and auxiliary ports (If Equipped). Voice operation is only available for connected USB and iPod devices. (Remote CD player optional and not available on all vehicles.)

Push the VR button . After the beep, say one of the following commands and follow the prompts to switch your media source or choose an artist.

- **Change source to** Bluetooth
- **Change source to** iPod
- **Change source to** USB
- **Play artist** Beethoven; **Play album** Greatest Hits; **Play song** Moonlight Sonata; **Play genre** Classical

TIP: Press the Browse button on the touchscreen to see all of the music on your iPod or USB device. Your Voice Command must match **exactly** how the artist, album, song and genre information is displayed.




Uconnect 5.0 Media


Phone

Making and answering hands-free phone calls is easy with Uconnect. When the Phonebook button is illuminated on your touchscreen, your system is ready.

U.S. residents can visit UconnectPhone.com to check mobile device and feature compatibility and to find phone pairing instructions.

Push the Phone button . After the beep, say one of the following commands:


- **Call** John Smith
- **Dial** 123-456-7890 and follow the system prompts
- **Redial** (call previous outgoing phone number)
- **Call back** (call previous incoming phone number)


TIP: When providing a Voice Command, push the Phone button  and say **“Call”**, then pronounce the name **exactly** as it appears in your phone book. When a contact has multiple phone numbers, you can say **“Call John Smith work”**.



Uconnect 5.0 Phone

Voice Text Reply

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

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

TIP: Your mobile phone must have the full implementation of the **Message Access Profile (MAP)** to take advantage of this feature. For details about MAP, visit UconnectPhone.com for U.S. residents. Apple iPhone iOS6 or later supports reading **incoming** text messages only.

PRE-DEFINED VOICE TEXT REPLY RESPONSES

Yes.	Stuck in Traffic.	See you later.
No.	Start without me.	I'll be Late.
Okay.	Where are you?	I will be <number> minutes late.
Call me.	Are you there yet?	
I'll call you later.	I need directions.	See you in <number> of minutes.
I'm on my way.	Can't talk right now.	
I'm lost.		Thanks.

Additional Information

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Uconnect System Support:

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

Mon. – Fri., 8:00 am – 8:00 pm, ET

Sat., 9:00 am – 5:00 pm, ET

Sun., Closed

Uconnect Access Services Support 1-855-792-4241. Please have your Uconnect Security PIN ready when you call.

UCONNECT PHONE

Uconnect Phone (Bluetooth Hands Free Calling)




Uconnect 5.0/5.0 NAV Phone Menu

- | | |
|--------------------------------------|--|
| 1 — Call/Redial/Hold | 7 — Uconnect Phone Settings Menu |
| 2 — Mobile Phone Signal Strength | 8 — Text Messaging |
| 3 — Currently Paired Mobile Phone | 9 — Direct Dial Pad |
| 4 — Mobile Phone Battery Life | 10 — Recent Call Log |
| 5 — Mute Microphone | 11 — Browse Phone Book
(Contains 911) |
| 6 — Transfer To/From Uconnect System | 12 — End Call |

The Uconnect Phone feature enables you to place and receive hands-free mobile phone calls. Drivers can also place mobile phone calls using their voice or by using the buttons on the touchscreen (see Voice Command section).

The hands-free calling feature is made possible through Bluetooth technology — the global standard that enables different electronic devices to connect to each other wirelessly.

If the Uconnect Phone Button  exists on your steering wheel, you then have the Uconnect Phone features.

ELECTRONICS

Refer to the “Uconnect 5.0 Voice Recognition Quick Tips” in “Understanding Your Instrument Panel” in the 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.
- Most mobile phones/devices are compatible with the Uconnect system, however some mobile phones/devices may not be equipped with all of the required features to utilize all of the Uconnect system features.
- For Uconnect Customer Care:
 - U.S. residents visit UconnectPhone.com or call 1-877-855-8400.
 - Canadian Residents visit UconnectPhone.com or call, 1-800-465-2001 (English) or 1-800-387-9983 (French).

Pairing (Wirelessly Connecting) Your Mobile Phone To The Uconnect System

Mobile phone pairing is the process of establishing a wireless connection between a cellular phone and the Uconnect system.

NOTE:

- To use the Uconnect Phone feature, you first must determine if your mobile phone and software are compatible with the Uconnect system. Please visit UconnectPhone.com for complete mobile phone compatibility information.
- Mobile phone pairing is not available while the vehicle is in motion.
- A maximum of 10 mobile phones can be paired to the Uconnect system.

Start Pairing Procedure On The Radio

Uconnect 5.0/5.0 NAV:

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

NOTE:

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



Uconnect 5.0/5.0 NAV

Pair Your iPhone:

To search for available devices on your Bluetooth enabled iPhone:

1. Press the Settings button.
2. Select Bluetooth.
 - Ensure the Bluetooth feature is enabled. Once enabled, the mobile phone will begin to search for Bluetooth connections.
3. When your mobile phone finds the Uconnect system, select "Uconnect."



Bluetooth On/Uconnect Device

Complete The iPhone Pairing Procedure:

When prompted on the mobile phone, accept the connection request from Uconnect Phone.

NOTE:

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



Pairing Request

Select The iPhone's Priority Level

When the pairing process has successfully completed, the system will prompt you to choose whether or not this is your favorite mobile phone. Selecting "Yes" will make this mobile phone the highest priority. This mobile phone will take precedence over other paired mobile phones within range and will connect to the Uconnect system automatically when entering the vehicle. Only one mobile phone and/or one Bluetooth audio device can be connected to the Uconnect system at a time. If "No" is selected, simply select "Uconnect" from the mobile phone/audio device Bluetooth screen, and the Uconnect system will reconnect to the Bluetooth device.

Pair Your Android Device:

To search for available devices on your Bluetooth enabled Android Device:

1. Push the Menu button.
2. Select Settings.
3. Select Connections.
4. Turn Bluetooth setting to "On."
 - Ensure the Bluetooth feature is enabled. Once enabled, the mobile phone will begin to search for Bluetooth connections.
5. Once your mobile phone finds the Uconnect system, select "Uconnect."
 - You may be prompted by your mobile phone to download the phonebook, check "Do Not Ask Again" to automatically download the phonebook. This is so you can make calls by saying the name of your contact.



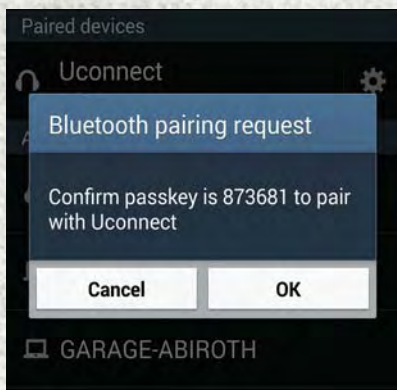
Bluetooth On/Uconnect Device

Complete The Android Pairing Procedure:

Confirm the passkey shown on the mobile phone matches the passkey shown on the Uconnect system then accept the Bluetooth pairing request.

NOTE:


Some mobile phones require the PIN to be entered manually, enter the PIN number shown on the Uconnect screen.



Pairing Request

Select The Android Mobile Phone's Priority Level

When the pairing process has successfully completed, the system will prompt you to choose whether or not this is your favorite mobile phone. Selecting "Yes" will make this mobile phone the highest priority. This mobile phone will take precedence over other paired mobile phones within range and will connect to the Uconnect system automatically when entering the vehicle. Only one mobile phone and/or one Bluetooth audio device can be connected to the Uconnect system at a time. If "No" is selected, simply select "Uconnect" from the mobile phone/audio device Bluetooth screen, and the Uconnect system will reconnect to the Bluetooth device.

You are now ready to make hands-free calls. Press the Uconnect “Phone” button  on your steering wheel to begin.

NOTE:

Refer to UconnectPhone.com website for additional information on mobile phone pairing and for a list of compatible phones.

Common Phone Commands (Examples)

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

Mute (Or Unmute) Microphone During Call

During a call, press the “Mute” button on the Phone main screen to mute and unmute the call.

Transfer Ongoing Call Between Handset And Vehicle

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


Phonebook

The Uconnect system will automatically sync your phonebook from your paired phone, if this feature is supported by your phone. Phonebook contacts are updated each time that the phone is connected. If your phone book entries do not appear, check the settings on your phone. Some phones require you to enable this feature manually.


- Your phonebook can be browsed on the Uconnect system touchscreen, but editing can only be done on your phone. To browse, press the “Phone” button on the touchscreen, then the “Phonebook” button on the touchscreen.

Favorite phonebook entries can be saved as Favorites for quicker access. Favorites are shown at the top of the main phone screen.

Voice Command Tips

- Speaking complete names (i.e. Call John Doe vs. Call John) will result in greater system accuracy.
- You can “link” commands together for faster results. Say “Call John Doe, mobile,” for example.
- If you are listening to available voice command options, you do not have to listen to the entire list. When you hear the command that you need, push the  button on the steering wheel, wait for the beep and say your command.




Changing The Volume

- Start a dialogue by pushing the Phone button , then say a command for example - "Help".
- Use the radio VOLUME/MUTE rotary knob to adjust the volume to a comfortable level while the Uconnect system is speaking.

NOTE:

The volume setting for Uconnect is different than the audio system.

NOTE:

To access help, push the Uconnect Phone button  on the steering wheel and say "help." Push the Uconnect Phone Pickup button  or the VR button  and say "cancel" to cancel the help session.

Incoming Text Messages

After pairing your Uconnect system with a Bluetooth enabled mobile device with the Message Access Profile (MAP), the Uconnect system can announce a new incoming text message and read it to you over the vehicle's audio system.

NOTE:

Only incoming text messages received during the current ignition cycle can be viewed/read.

To enable incoming text messaging:

iPhone

1. Press the settings button on the mobile phone.
2. Select Bluetooth.
 - Ensure Bluetooth is enabled, and the mobile phone is paired to the Uconnect system.
3. Select ⓘ located under DEVICES next to Uconnect.
4. Turn "Show Notifications" to on.



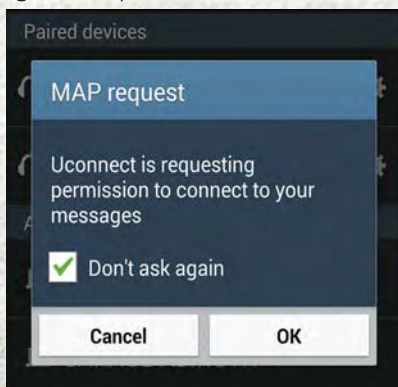
Enable iPhone Incoming Text Messages

Android Devices

1. Push the Menu button on the mobile phone.
2. Select Settings.
3. Select Connections.
4. Turn "Show Notifications" to on.
 - A pop up will appear asking you to accept a request for permission to connect to your messages. Select "Don't ask again" and press OK.

NOTE:

All incoming text messages received during the current ignition cycle will be deleted from the Uconnect system when the ignition is turned to the OFF position.



Enable Android Device Incoming Text Messages


Voice Text Reply (Not Compatible With iPhone)**NOTE:**

Voice texting reply and voice texting features require a compatible mobile device enabled with Bluetooth Message Access Profile (MAP). iPhone, and some other smartphones, may not entirely support Bluetooth MAP. Visit UconnectPhone.com for the latest system and device compatibility.

- Due to the extremely large number of mobile phone manufacturers, your mobile device may not be listed. For further assistance, contact Uconnect Customer Care @ 1-877-855-8400 for U.S. residents or, 1-800-465-2001 (English) / 1-800-387-9983 (French) for Canadian residents.

Once your Uconnect system is paired with a compatible mobile device, the system can announce a new incoming text message, and read it to you over the vehicle audio system. You can reply to the message using Voice Recognition by selecting, or saying, one of the 18 pre-defined messages.

Here's How:

1. Push the Uconnect Phone button  and wait for the beep, then say “reply.” Uconnect will give the following prompt: “Please say the message you would like to send.”
2. Wait for the beep and say one of the pre-defined messages. (If you are not sure, you can say “help”). Uconnect will then read the pre-defined messages allowed.
3. As soon as you hear the message you would like to send, you can interrupt the list of prompts by pushing the Uconnect phone button and saying the phrase. Uconnect will confirm the message by reading it back to you.
4. Push the Phone button and say “Send.”

PRE-DEFINED VOICE TEXT REPLY RESPONSES		
Yes.	Stuck in traffic.	See you later.
No.	Start without me.	I'll be late.
Okay.	Where are you?	I will be <5, 10, 15,...etc.> minutes late.
Call me.	Are you there yet?	
I'll call you later.	I need directions.	See you in <5, 10, 15,...etc.> of minutes.
I'm on my way.	Can't talk right now.	
I'm lost.		Thanks.

NOTE:

To make the SMS voice reading function available, the SMS notification option on phone must be enabled; this option is usually available on the phone, in the Bluetooth connections menu for a device registered as Uconnect. After enabling this function on the mobile phone, it must be disconnected and reconnected with the Uconnect system in order to make it effective.

Helpful Tips And Common Questions To Improve Bluetooth Performance With Your Uconnect System

Mobile Phone won't reconnect to system after pairing:

- Set mobile phone to auto-connect or trusted device in mobile phone Bluetooth settings (Blackberry devices).
- Perform a factory reset on your mobile phone. Refer to your mobile phone manufacturer or cellular provider for instructions.
- Many mobile phones do not automatically reconnect after being restarted (hard reboot). Your mobile phone can still be connected manually. Close all applications that may be operating (refer to mobile phone manufacturer's instructions), and follow “Pairing (Wirelessly Connecting) Your Mobile Phone To The Uconnect System”.

Mobile Phone won't pair to system:

- Perform a hard reset in the mobile phone by removing the battery (if removable — see your mobile phone's owner manual).
- Delete pairing history in mobile phone and Uconnect system; usually found in phone's Bluetooth connection settings.
- Verify you are selecting "Uconnect" in the discovered Bluetooth devices on your mobile phone.
- If your vehicle system generates a pin code the default is 0000.

Mobile Phonebook didn't download:

- Check "Do not ask again," then accept the "phonebook download" request on your mobile phone.
- Up to 2,000 contact names with six numbers per contact will transfer to the Uconnect 5.0/5.0 NAV system phonebook.

Text messaging won't work:

- Check "Do not ask again," then accept the "connect to your messages" request on your mobile phone.
- Verify that your mobile phone has the Bluetooth feature (Message Access Profile).

Can't make a conference call:

- CDMA (Code-Division Multiple Access) carriers do not support conference calling. Refer to your mobile phone user's manual for further information.

Making calls while connected to AUX:

- Plugging in your mobile phone to AUX while connected to Bluetooth will disable Hands-Free Calling. Do not make calls while your mobile phone is plugged into the AUX jack.

ELECTRONICS

STEERING WHEEL AUDIO CONTROLS

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

Right Switch

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

Left Switch

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





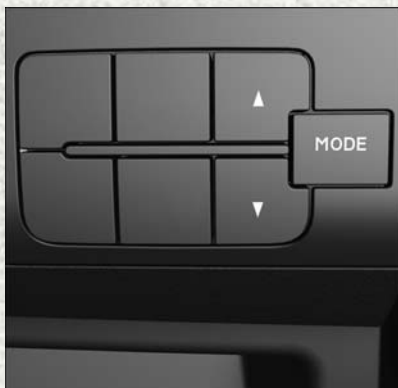
Steering Wheel Audio Controls

- 1 — Left Switch
2 — Right Switch

INSTRUMENT CLUSTER DISPLAY

The Instrument Cluster Display features a driver interactive display that is located in the instrument cluster. Pushing the controls on the left side of the steering column allows the driver to select vehicle information and Personal Settings. Refer to “Programmable Features” in this guide for additional information.

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







Instrument Cluster Display Controls

PROGRAMMABLE FEATURES

Programmable Features


The Instrument Cluster Display can be used to view or change the following settings:

- Push the **MODE** button to access the menu items then push the **UP**  or **DOWN**  arrow button to view the menu items listed below. Push the **MODE** button to enter the sub menus. Scroll through the settings using the **UP**  or **DOWN**  arrow 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, Restore Default Settings and Clear Personal Data through buttons on the touchscreen.

To change a setting:

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

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

- Display
- Clock & Date
- Safety/Assistance
- Lights
- Doors & Locks
- Brakes
- Audio
- Phone/Bluetooth
- SiriusXM Setup
- Restore Settings
- Clear Personal Data

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.



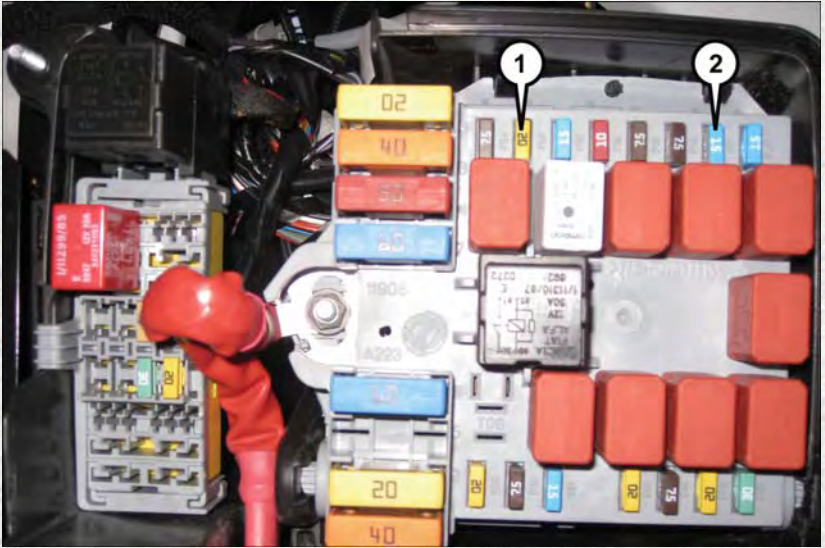
Front USB Port and Power Outlet

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

NOTE:

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



Power Outlet Fuses

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

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 any vehicle equipped with a conventional automatic transmission. Damage to the drivetrain will result. If these vehicles require towing, make sure all drive wheels are OFF the ground.
- Towing this vehicle in violation of the above requirements can cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

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.

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 gear selector must be in the NEUTRAL (N) position, and the brake pedal must be pressed, to allow engine cranking. Place the gear selector 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 gear selector 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.

- 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 instrument cluster, 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. Leaving from 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 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 instrument cluster 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 gear selector has REVERSE (R), NEUTRAL (N), DRIVE (D) and MANUAL (M) positions. In the MANUAL (M) position, the selector 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 instrument cluster whenever the engine is running.

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

Although the gear selector can be moved freely the transmission will not actually shift unless the brake pedal is pressed, therefore the gear selector 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 gear selector to NEUTRAL (N), then move the gear selector to the desired position.

To drive, start the engine, then move the gear selector 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.



Gear Selector

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 your 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 pedal is not depressed and/or the gear selector is not in NEUTRAL (N). The gear selector must be in the NEUTRAL (N) position, and the brake pedal must be pressed, to allow engine cranking. Place the gear selector 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: <ul style="list-style-type: none"> • 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 gear selector to NEUTRAL (N), then move the gear selector to the desired position.
Shift To Neutral	This message appears, together with a warning buzzer, when the gear selector must be moved to the NEUTRAL (N) position. When the gear selector 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.

MESSAGE	DESCRIPTION
Press Brake Shift To N Key To Start	This message appears, after opening the driver's door, to remind you to press the brake pedal and shift the selector to NEUTRAL (N) to permit engine 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 instrument cluster, 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.

ELECTRIC PARK BRAKE (EPB)

Your vehicle is equipped with an Electric Park Brake System (EPB) that offers simple operation, and some additional features that make the park brake more convenient and useful.

The park brake is primarily intended to prevent the vehicle from rolling while parked. Before leaving the vehicle, make sure that the park brake is applied.

You can engage the park brake in two ways;

- Manually, by applying the park brake switch.
- Automatically, by the Auto Park Brake feature whenever the vehicle speed is below 1.25 mph (2 km/h) and the ignition switch is in the STOP/OFF position.

The park brake switch is located on the instrument panel to the right of the instrument cluster.

To apply the parking brake manually, pull and tilt the top of the switch away from the instrument panel momentarily. You may hear a mechanical sound while the parking brake operates; this is normal operating noise. Once the parking brake is fully engaged, the BRAKE warning lamp in the instrument cluster and an indicator on the switch will illuminate. The park brake can be applied even when the ignition switch is OFF however, it can only be released when the ignition switch is in the ON/RUN position.



Electric Park Brake Switch

NOTE:

The EPB fault lamp will illuminate if the EPB switch is held for longer than 20 seconds if vehicle speed is less than 1.25 mph (2 kph), or 60 seconds if vehicle speed is greater than 1.25 mph (2 kph), in either the released or applied position. The light will extinguish upon releasing the switch.

The park brake will automatically engage whenever the ignition switch is turned OFF and the vehicle speed is below 1.25 mph (2 km/h) via the Auto Park Brake feature.

The electric park brake will automatically release if the engine is on and all following conditions are met:

1. Driver's weight is detected on the driver's seat.
2. Driver's seat is locked in forward direction (if equipped with swivel seat).
3. Transmission is in forward or reverse gears.
4. The accelerator pedal is pressed.

Or

1. Driver's weight is detected on the driver's seat.
2. Driver's seat is locked in forward direction (if equipped with swivel seat).
3. Transmission is moved from NEUTRAL to DRIVE or REVERSE gears.
4. Brake pedal is pressed.
5. Vehicle is on a slope less than 5 percent.

To release the park brake manually, the ignition switch must be in the ON/RUN position. Put your foot on the brake pedal, then push the parking brake switch down momentarily. Once the park brake is fully disengaged, the BRAKE warning lamp in the instrument cluster and the LED indicator on the switch will extinguish.

If during drive away the driver pulls the EPB switch (apply position) the drive away is halted and EPB will be reapplied.

WARNING!

To prevent **SERIOUS INJURY** or **DEATH**:

- NEVER install a driver seat cover or any other accessory on your driver seat.
- NEVER make any modifications to the driver seat components, assembly, or factory installed seat cover.
- NEVER place objects under the driver seat.

If your driver seat needs service for any reason, take your vehicle to your authorized dealer immediately.

NOTE:

- When parking on a hill, it is important to turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade. The parking brake should always be applied whenever the driver is not in the vehicle.
- The Electronic Park Brake system communicates with the Driver Presence Detection sensor installed in the driver seat. The use of seat covers or seat accessories could prevent the Electronic Park Brake system from working properly and result in unintended vehicle movement.

WARNING!

- When leaving the vehicle, always remove the key fob from the ignition and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave 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.
- Be sure the parking brake is fully disengaged before driving; failure to do so can lead to brake failure and a collision.
- Always fully apply the parking brake when leaving your vehicle, or it may roll and cause damage or injury.

CAUTION!

If the Brake System Warning Light remains on with the parking brake released, a brake system malfunction is indicated. Have the brake system serviced by an authorized dealer immediately.

If exceptional circumstances should make it necessary to engage the park brake while the vehicle is in motion, a buzzer repeats until the park brake switch is released or vehicle speed is below 1.25 mph (2 km/h).

To disengage the park brake while the vehicle is in motion, release the switch. If the vehicle is brought to a complete stop using the park brake, when the vehicle reaches approximately 1.25 mph (2 km/h) the parking brake will remain engaged.

WARNING!

Driving the vehicle with the parking brake engaged, or repeated use of the parking brake to slow the vehicle may cause serious damage to the brake system. Be sure the parking brake is fully disengaged before driving; failure to do so can lead to brake failure and a collision.

In the unlikely event of a malfunction of the Electric Park Brake system, a yellow triangle EPB fault lamp will illuminate. In this status some EPB functionality may be deactivated, in this event, urgent service of the electric park brake system is required. Do not rely on the parking brake to hold the vehicle stationary, wheel chocks or other mechanical securing of the vehicle is required to prevent rolling.

Loss Of Electric Power

If electric power is not available and the EPB must be released for towing the vehicle, the EPB can be mechanically released by use of an Allen wrench. EPB mechanical release should only be performed by qualified service personnel and only when the vehicle is secured from rolling.

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 in the instrument cluster.

Diesel Particulate Filter (DPF) Messages

- “DPF cleaning: safely keep the vehicle moving” message on the instrument cluster display + Engine emission filter lamp lighted solid indicates that the exhaust particulate filter loading is above the specified range and a regeneration is required.
- Safely Drive at Highway Speeds to Remedy (the procedure lasts roughly 15 minutes at speed of about 40 mph (60 km/h) and with engine speed above approximately 2000 rpm).
- When the exhaust filter is overloaded, the MIL lamp will turn on and the “Service engine” message will display in the instrument cluster display, ETC lamp blinks and the PCM limits the engine power to limit the likelihood of permanent damage to the after-treatment system. To correct this condition, it will be necessary to have your vehicle serviced by an authorized dealer.

CAUTION!

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

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

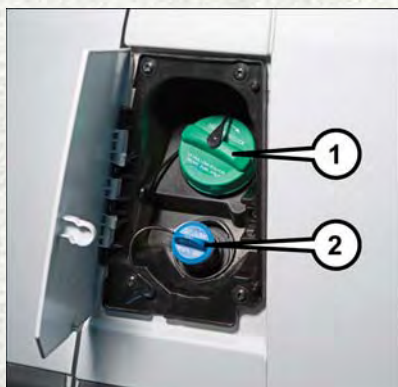
ADDING FUEL

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.



Fuel/DEF Fill Locations

1 — Diesel Fuel Fill Location

2 — Diesel Exhaust Fluid (DEF) Fill Location

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.

CAUTION!

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

Adding Diesel Exhaust Fluid

The DEF low level message (located in the instrument cluster) 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 instrument cluster display.

NOTE:

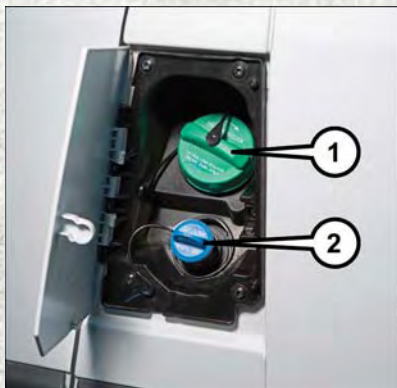
- Driving conditions (altitude, vehicle speed, load, etc.) will effect the amount of DEF that is used in your vehicle.

- 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 (7.5 liters) of DEF from portable containers when your DEF gauge is reading ½ 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.



Fuel/DEF Fill Locations

- 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

- First low level warning will be given at around 500 miles (804 km), which is determined by current consumption rate. DEF Low level lamp icon and display message for refill will be displayed at dashboard. DEF Low level Lamp will stay on until a DEF refill is detected (minimum 1 gallon [3.7 liters]).
- To correct this condition it will be necessary to fully refill the DEF tank.
- If refill is not performed, a second low level warning will be given about 200 miles (321 km) are left to empty the DEF Tank.
- Display message of speed limitation with DEF Low Level lamp will be there on dashboard.
- The driver will be also be informed about the speed restriction when approximately 150 and 125 miles (241 and 201 km) are left to empty the DEF Tank.
- When 100 miles (160 km) are left to empty the DEF Tank, a continuous message display with chimes will be there on dashboard.
- When count down is over (0 miles left), continuous message "Speed limited at refuel or next engine start" is shown in the instrument cluster. In this case if an engine restart or a diesel refuel action in engine-on condition is performed, vehicle's speed will be limited to 5 mph (8 km/h) and continuous message "Speed limited DEF low" is shown in the instrument cluster display.
- The restriction becomes inactive as soon as the DEF refill event is detected (minimum quantity to be added is 1 gallon [3.7 liters]).

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.

WARNING AND INDICATOR LIGHTS

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

All active telltales will display first, if applicable. The system check menu may appear different based upon equipment options and current vehicle status.

This guide illustrates and describes the operation of warning and indicator telltales that are either standard or optional based on the vehicle build. FCA 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.

INSTRUMENT CLUSTER WARNING LIGHTS



– Low Fuel Warning Light

This warning light indicates when the fuel level reaches approximately 1.5 gal (5.8 L). This light will turn on and a single chime will sound.



– Battery Charge Warning Light

This light illuminates when the battery is not charging properly. If the battery charge warning 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 battery charge warning 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.

WHAT TO DO IN EMERGENCIES

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.

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 startup, 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 startup, 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 gear selector 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.

WHAT TO DO IN EMERGENCIES

– 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.

IF THE LIGHT SWITCHES ON AND A MESSAGE IS DISPLAYED 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 ABOVE 15 MPH (24 KM/H) 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.

WHAT TO DO IN EMERGENCIES

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.

– 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 your Owner's Manual on the DVD for further information.

BRAKE – Brake Warning Light

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

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

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

WHAT TO DO IN EMERGENCIES

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

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

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

NOTE:

This light shows only that the parking brake is applied. It does not show the degree of brake application. In the case of the brake pads of the vehicle were worn out, brake warning light will be illuminated.

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 an instrument cluster display 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 security 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.

– Cruise Control SET Indicator

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

– Door Open Indicator

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

– Electronic Stability Control (ESC) OFF Indicator Light

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

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.

WHAT TO DO IN EMERGENCIES

- You can also turn the temperature control to maximum heat, the mode control to floor and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.

WARNING!

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

CAUTION!

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

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.



Lock Knob

- 1 — Unlock Position
- 2 — Lock Position

WHAT TO DO IN EMERGENCIES

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



Container Release



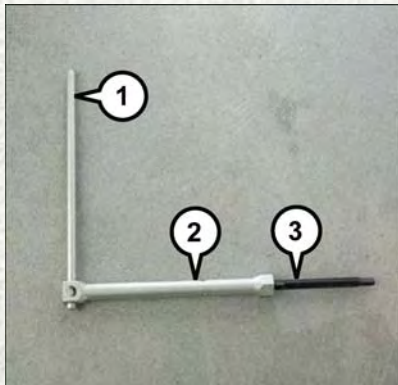
Jacking Tools

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

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.



Jack Tools

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



Winch Location

WHAT TO DO IN EMERGENCIES

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



Winch Location

2. Rotate the wheel wrench handle 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 Extension

WHAT TO DO IN EMERGENCIES

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



Lowering Spare Tire



Spare Tire

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



Retainer Nut

WHAT TO DO IN EMERGENCIES

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



Lifting Spare Tire

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



Retainer

WHAT TO DO IN EMERGENCIES

Preparations

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

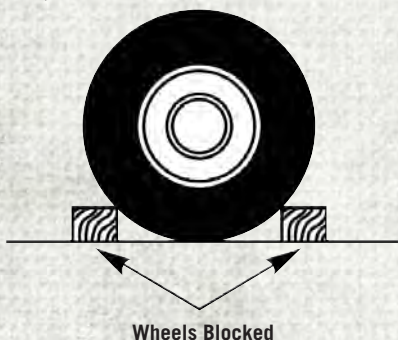
WARNING!

Do not attempt to change a tire on the side of the vehicle close to moving traffic, pull far enough off the road to avoid 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.



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!

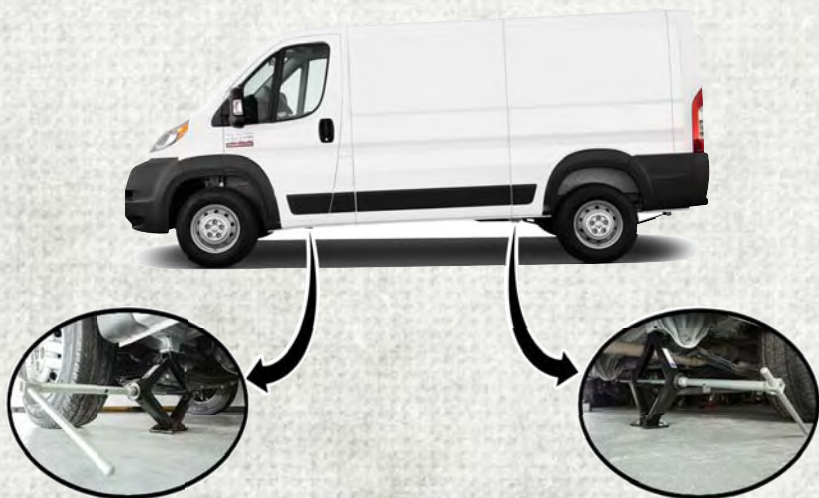
Do not attempt to raise the vehicle by jacking on locations other than those indicated in the Jacking Instructions for this vehicle.



Assembled Jack

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.



Jacking Engagement Locations

CAUTION!

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

WHAT TO DO IN EMERGENCIES

NOTE:

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



Rear Jacking Location

NOTE:

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



Front Jacking Location

WARNING!

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

WHAT TO DO IN EMERGENCIES

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.

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.

WHAT TO DO IN EMERGENCIES

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.
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)**

WHAT TO DO IN EMERGENCIES

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.

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

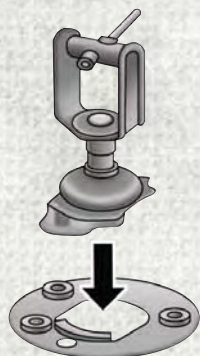
WARNING!

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:

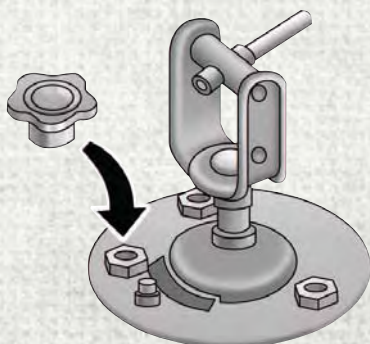
1. Remove the adapter bracket and bolts from the storage bag in the glove compartment.
2. Take the retainer and position it inside the circular bracket.



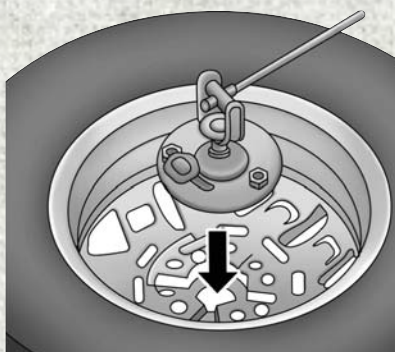
Adapter/Bracket Union

WHAT TO DO IN EMERGENCIES

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



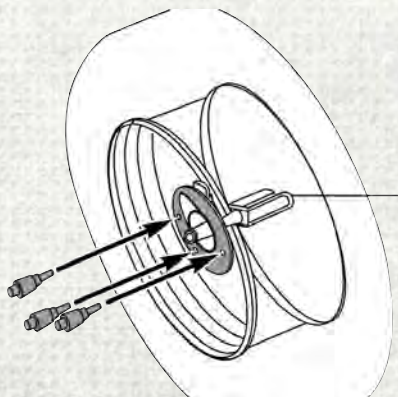
Securing The Bracket



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.

JUMP-STARTING PROCEDURES

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

NOTE:

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

WARNING!

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

WHAT TO DO IN EMERGENCIES

CAUTION!

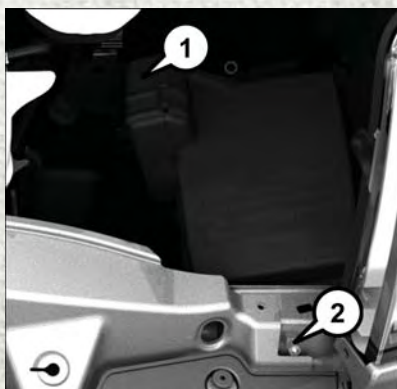
Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.

Preparations For Jump-Start

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

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

WARNING!

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

1. Set the parking brake, shift the automatic transmission into PARK and turn the ignition to the OFF position.
2. Turn off the heater, radio, and all unnecessary electrical accessories.

WHAT TO DO IN EMERGENCIES

3. If using another vehicle to jump-start the battery, park the vehicle within the jumper cables reach, set the parking brake and make sure the ignition is OFF.

WARNING!

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

Jump-Starting Procedure

WARNING!

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

CAUTION!

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

Connecting The Jumper Cables

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

NOTE:

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

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

NOTE:

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

WARNING!

Do not connect the jumper cable to the negative (-) post of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury. Only use the specific ground point, do not use any other exposed metal parts.

WHAT TO DO IN EMERGENCIES

5. Start the engine in the vehicle that has the booster battery. Let the engine idle a few minutes and then start the engine in the vehicle with the discharged battery.
6. Once the engine is started, disconnect the jumper cables in the reverse sequence:

Disconnecting The Jumper Cables

1. Disconnect the negative end (-) of the jumper cable from the remote negative (-) post of the vehicle with the discharged battery.
2. Disconnect the opposite end of the negative (-) jumper cable from the negative (-) post of the booster battery.
3. Disconnect the positive end (+) of the jumper cable from the positive (+) post of the booster battery.
4. Disconnect the opposite end of the positive (+) jumper cable from the remote positive (+) post of the discharged vehicle.
5. Close the cover of the Front Power Distribution Center.

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

CAUTION!

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

Battery Location

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

GEAR SELECTOR OVERRIDE

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

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

WHAT TO DO IN EMERGENCIES

7. The vehicle may then be started in NEUTRAL.
8. Reinstall the gear selector override access cover.

TOWING A DISABLED VEHICLE

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

Towing Condition	Wheels OFF The Ground	ALL Models
Flat Tow	NONE	If transmission is operable: <ul style="list-style-type: none">• Transmission in NEUTRAL• 25 mph (40 km/h) max speed• 15 miles (24 km) max distance
Wheel Lift or Dolly Tow	Rear	
	Front	OK
Flatbed	ALL	BEST METHOD

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

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN mode.

NOTE:

For vehicles equipped with diesel engine and electric park brake, see important information in the Diesel Supplement.

If the key fob is unavailable or the vehicle's battery is discharged, refer to "Gear Selector Override" in this section for instructions on shifting the automatic transmission out of PARK for towing.

CAUTION!

- Do not use sling type equipment when towing. Vehicle damage may occur.
- When securing the vehicle to a flat bed truck, do not attach to front or rear suspension components. Damage to your vehicle may result from improper towing.

WHAT TO DO IN EMERGENCIES

Automatic Transmission

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

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

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

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

CAUTION!

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

FREEING A STUCK VEHICLE

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

NOTE:

Vehicles with diesel engine (automated manual transmission) cannot be rocked in this manner, because the transmission will not allow shifts between forward and REVERSE gears while the wheels are turning.

CAUTION!

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

WHAT TO DO IN EMERGENCIES

NOTE:

Push the "ESC Off" switch, to place the Electronic Stability Control (ESC) system in "Partial Off" mode, before rocking the vehicle. Refer to "Electronic Brake Control System" in "Starting And Operating" in the Owner's Manual on the DVD for further information. Once the vehicle has been freed, push the "ESC Off" switch again to restore "ESC On" mode.

WARNING!

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

CAUTION!

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

WHAT TO DO IN EMERGENCIES

ENHANCED ACCIDENT RESPONSE SYSTEM (EARS)

This vehicle is equipped with an Enhanced Accident Response System.

Please refer to “Supplemental Restraint System (SRS) — Air Bags” in “Occupant Restraints” for further information on the Enhanced Accident Response System (EARS) function.

EVENT DATA RECORDER (EDR)

This vehicle is equipped with an Event Data Recorder (EDR). The main purpose of an EDR is to record, 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.

Please refer to “Supplemental Restraint System (SRS) — Air Bags” in “Occupant Restraints” for further information on the Event Data Recorder (EDR).

MAINTAINING YOUR VEHICLE

TO OPEN AND CLOSE THE HOOD

To open the hood, two latches must be released.

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.



Hood Release

WARNING!

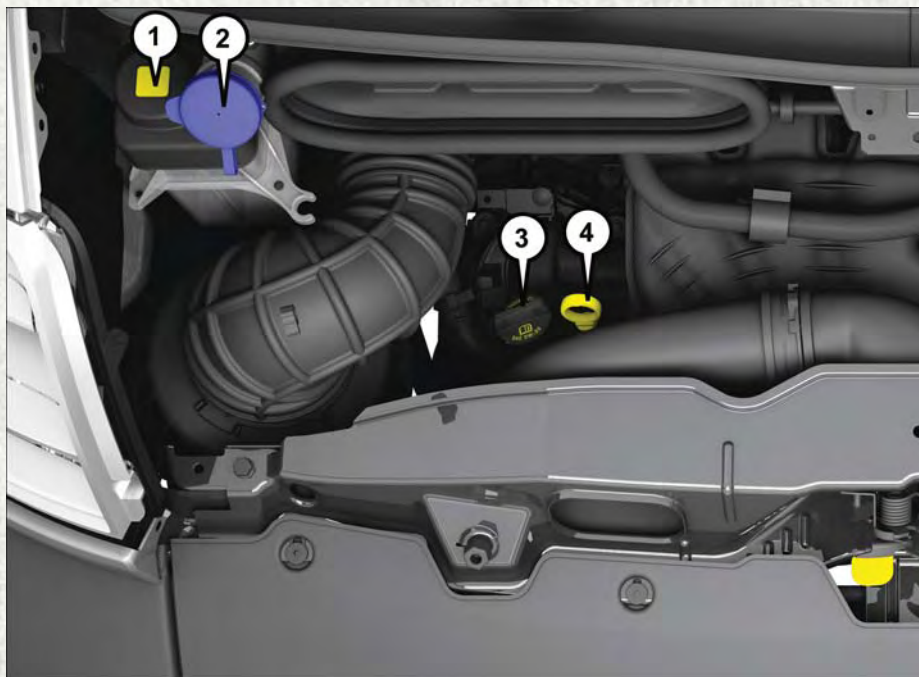
Be sure the hood is fully latched before driving your vehicle. If the hood is not fully latched, it could open when the vehicle is in motion and block your vision. Failure to follow this warning could result in serious injury or death.

CAUTION!

To prevent possible damage:

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

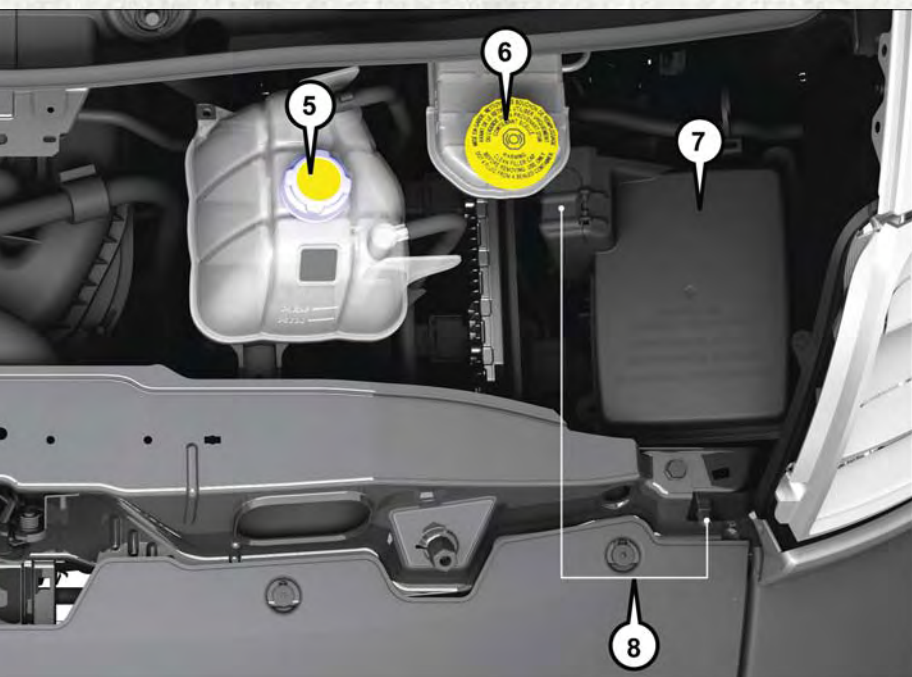
MAINTAINING YOUR VEHICLE



ENGINE COMPARTMENT — 3.6L

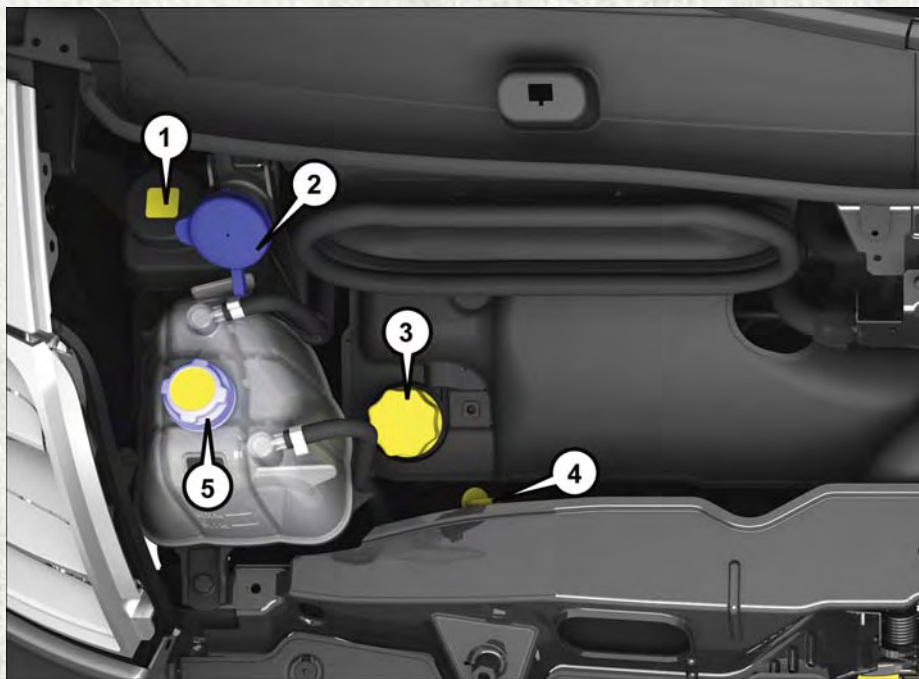
1. Power Steering Reservoir
2. Washer Fluid Reservoir
3. Engine Oil Fill
4. Engine Oil Dipstick

MAINTAINING YOUR VEHICLE



- 5. Engine Coolant Reservoir
- 6. Brake Fluid Reservoir
- 7. Power Distribution Center (Fuses)
- 8. Remote Jump Starting Points

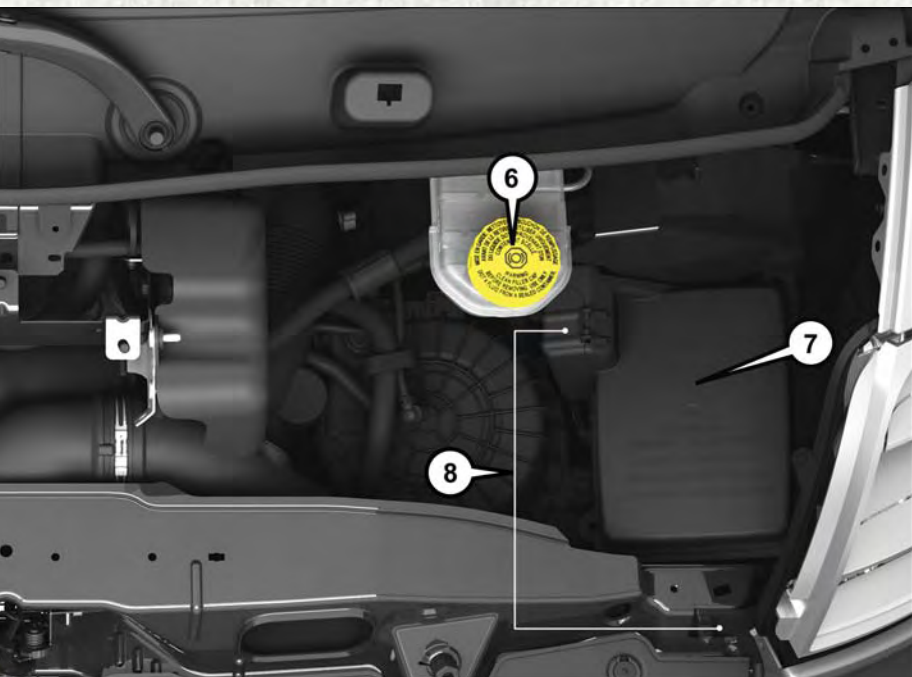
MAINTAINING YOUR VEHICLE



ENGINE COMPARTMENT — 3.0L DIESEL

1. Power Steering Reservoir
2. Washer Fluid Reservoir
3. Engine Oil Fill
4. Engine Oil Dipstick

MAINTAINING YOUR VEHICLE



- 5. Engine Coolant Reservoir Cap
- 6. Brake Fluid Reservoir
- 7. Power Distribution Center (Fuses)
- 8. Remote Jump Starting Positive

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

CAUTION!

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

MAINTAINING YOUR VEHICLE

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. DOT 4 brake fluid must be changed every two years regardless of mileage.
Power Steering Reservoir	Use Pentosin CHF 11S power steering fluid meeting FCA Material Standard MS-11655.

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 FCA 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 climatized or diesel Number 1 ULSD fuel is not available, and you are operating below (20°F/-6°C), in sustained arctic conditions, Mopar Premium Diesel Fuel Treatment (or equivalent) is recommended to avoid gelling.

CAUTION!

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

MAINTAINING YOUR VEHICLE

Chassis

Component	Fluid, Lubricant, or Genuine Part
Automated Manual Transmission	<ul style="list-style-type: none">• 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. DOT 4 brake fluid must be changed every 2 years regardless of mileage.
Power Steering Reservoir	Use Pentosin CHF 11S power steering fluid meeting FCA Material Standard MS-11655.

ADDING FUEL

Materials Added To Fuel



Designated TOP TIER Detergent Gasoline contains a higher level of detergents to further aid in minimizing engine and fuel system deposits. When available, the usage of Top Tier Detergent gasoline is recommended. Visit www.toptiergas.com for a list of TOP TIER Detergent Gasoline Retailers.

Indiscriminate use of fuel system cleaning agents should be avoided. Many of these materials intended for gum and varnish removal may contain active solvents or similar ingredients. These can harm fuel system gasket and diaphragm materials.

MAINTAINING YOUR VEHICLE

MAINTENANCE PROCEDURES

For information on the maintenance procedures for your vehicle, please refer to “Maintenance Procedures” in “Maintaining Your Vehicle” in your Owner’s Manual or applicable supplement on the DVD for further details.

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 “Instrument Cluster Display” 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), twelve months or 350 hours of engine run time, whichever comes first. The 350 hours of engine run or idle time is generally only a concern for fleet customers.

Severe Duty All Models

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

MAINTAINING YOUR VEHICLE

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

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.

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

MAINTAINING YOUR VEHICLE

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

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

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

WARNING!

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

	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 “Instrument Cluster Display” 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) whichever 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

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

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
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Years:															
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			

	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

FUSES

WARNING!

- When replacing a blown fuse, always use an appropriate replacement fuse with the same amp rating as the original fuse. Never replace a fuse with another fuse of higher amp rating. Never replace a blown fuse with metal wires or any other material. Failure to use proper fuses may result in serious personal injury, fire and/or property damage.
- Before replacing a fuse, make sure that the ignition is off and that all the other services are switched off and/or disengaged.
- If the replaced fuse blows again, contact an authorized dealer.
- If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, gearbox system) or steering system blows, contact an authorized dealer.

Underhood Fuses

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

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

Cavity	Maxi Fuse	Mini Fuse	Description
F01	40 Amp Orange	—	Electronic Stability Control (ESC) Pump
F02	20 Amp Yellow (3.6 Gasoline Engine)	—	Starter Relay 3.6L (3.6 Gasoline Engine)
F02	50 Amp Red (3.0 Diesel Engine)	—	Glow Plug Unit (3.0 Diesel Engine)
F04	50 Amp Red (3.6 Gasoline Engine)	—	Secondary Power Distribution Center (PDC) (Trans Power Relay, Vacuum Pump, KL30 for the Shifter Transmission Module [STM]) (3.6 Gasoline Engine)
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

MAINTAINING YOUR VEHICLE

Cavity	Maxi Fuse	Mini Fuse	Description
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	Fuel Pressure Regulator (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 Shifter Transmission Module (STM) (3.6), KL15 Starter Relay Coil (3.6 Gasoline Engine)
F16	—	7.5 Amp Brown	KL15 Manual Transmission Automated (MTA), KL15 Gear Selector Unit, KL15 Engine Control Module (ECM), KL15 Starter Relay Coil (3.0 Diesel Engine)
F17	—	20 Amp Yellow	Engine Control Module (ECM), Injectors (3.6 Gasoline Engine)
F17	—	20 Amp Yellow	Secondary Loads, Engine Control Module (ECM) (3.0 Diesel Engine)
F18	—	7.5 Amp Brown	KL30 Engine Control Module (ECM), KL30 Main Relay Coil (3.6 Gasoline Engine)
F18	—	7.5 Amp Brown	KL30 Manual Transmission Automated (MTA), KL30 Engine Control Module (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	Engine Control Module (ECM), Ignition Coils (3.6 Gasoline Engine)

MAINTAINING YOUR VEHICLE

Cavity	Maxi Fuse	Mini Fuse	Description
F22	–	20 Amp Yellow	Engine Control Module (ECM), Primary Loads (3.0 Diesel Engine)
F23	–	20 Amp Yellow	Electronic Stability Control (ESC) Valves
F24	–	7.5 Amp Brown	KL15 Vacuum Pump Relay Coil (3.6 Gasoline Engine) — If Equipped
F30	–	15 Amp Blue	Heated Mirrors

Front PDC Additional Fuses

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

Cavity	Mini Fuse	Description
F61	20 Amp Yellow	Vacuum Pump (3.6 Gasoline Engine) — 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	Shifter Transmission Module (STM) (3.6 Gasoline Engine) — If Equipped

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)

MAINTAINING YOUR VEHICLE

Cavity	Mini Fuse	Description
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
F86	20 Amp Yellow	Auxiliary Switch (From Battery) — If Equipped
F87	20 Amp Yellow	Auxiliary Switch (From Ignition) — If Equipped

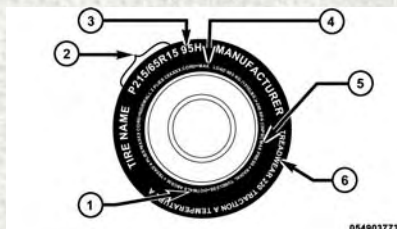
MAINTAINING YOUR VEHICLE

TIRE SAFETY INFORMATION

Tire Markings

NOTE:

- P (Passenger) — Metric tire sizing is based on U.S. design standards. P-Metric tires have the letter “P” molded into the sidewall preceding the size designation. Example: P215/65R15 95H.
- European — Metric tire sizing is based on European design standards. Tires designed to this standard have the tire size molded into the sidewall beginning with the section width. The letter “P” is absent from this tire size designation. Example: 215/65R15 96H.
- LT (Light Truck) — Metric tire sizing is based on U.S. design standards. The size designation for LT-Metric tires is the same as for P-Metric tires except for the letters “LT” that are molded into the sidewall preceding the size designation. Example: LT235/85R16.
- Temporary spare tires are designed for temporary emergency use only. Temporary high pressure compact spare tires have the letter “T” or “S” molded into the sidewall preceding the size designation. Example: T145/80D18 103M.
- High flotation tire sizing is based on U.S. design standards and it begins with the tire diameter molded into the sidewall. Example: 31x10.5 R15 LT.



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

MAINTAINING YOUR VEHICLE

Tire Sizing Chart

EXAMPLE:

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

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

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

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

T or **S** = Temporary spare tire or

31 = Overall diameter in inches (in)

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

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

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

10.5 = Section width in inches (in)

R = Construction code

– "R" means radial construction, or

– "D" means diagonal or bias construction

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

Service Description:

95 = Load Index

– A numerical code associated with the maximum load a tire can carry

H = Speed Symbol

– A symbol indicating the range of speeds at which a tire can carry a load corresponding to its load index under certain operating conditions

– The maximum speed corresponding to the speed symbol should only be achieved under specified operating conditions (i.e., tire pressure, vehicle loading, road conditions, and posted speed limits)

Load Identification:

Absence of the following load identification symbols on the sidewall of the tire indicates a Standard Load (SL) tire:

- **XL** = Extra load (or reinforced) tire, or
 - **LL** = Light load tire or
 - **C, D, E, F, G** = Load range associated with the maximum load a tire can carry at a specified pressure
-

Maximum Load – Maximum load indicates the maximum load this tire is designed to carry

Maximum Pressure – Maximum pressure indicates the maximum permissible cold tire inflation pressure for this tire

MAINTAINING YOUR VEHICLE

Tire Identification Number (TIN)

The TIN may be found on one or both sides of the tire, however, the date code may only be on one side. Tires with white sidewalls will have the full TIN, including the date code, located on the white sidewall side of the tire. Look for the TIN on the outboard side of black sidewall tires as mounted on the vehicle. If the TIN is not found on the outboard side, then you will find it on the inboard side of the tire.

EXAMPLE:	
DOT MA L9 ABCD 0301	
DOT = Department of Transportation	
– This symbol certifies that the tire is in compliance with the U.S. Department of Transportation tire safety standards and is approved for highway use	
MA = Code representing the tire manufacturing location (two digits)	
L9 = Code representing the tire size (two digits)	
ABCD = Code used by the tire manufacturer (one to four digits)	
03 = Number representing the week in which the tire was manufactured (two digits)	
– 03 means the 3rd week	
01 = Number representing the year in which the tire was manufactured (two digits)	
– 01 means the year 2001	
– Prior to July 2000, tire manufacturers were only required to have one number to represent the year in which the tire was manufactured. Example: 031 could represent the 3rd week of 1981 or 1991	

Tire Terminology And Definitions

Term	Definition
B-Pillar	The vehicle B-Pillar is the structural member of the body located behind the front door.
Cold Tire Inflation Pressure	Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. Inflation pressure is measured in units of PSI (pounds per square inch) or kPa (kilopascals).
Maximum Inflation Pressure	The maximum inflation pressure is the maximum permissible cold tire inflation pressure for this tire. The maximum inflation pressure is molded into the sidewall.
Recommended Cold Tire Inflation Pressure	Vehicle manufacturer's recommended cold tire inflation pressure as shown on the tire placard.
Tire Placard	A label permanently attached to the vehicle describing the vehicle's loading capacity, the original equipment tire sizes and the recommended cold tire inflation pressures.

MAINTAINING YOUR VEHICLE

Tire Loading And Tire Pressure

Tire And Loading Information Placard Location

NOTE:

The proper cold tire inflation pressure is listed on the driver's side B-Pillar or the rear edge of the driver's side door.

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



Example Tire Placard Location (Door)



Example Tire Placard Location (B-Pillar)

NOTE:

Refer to the Owner's Manual on the DVD or the Tire Information Supplement located in your Owner's Information kit for more information regarding tire warnings and instructions.

MAINTAINING YOUR VEHICLE

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.

Tire And Loading Information Placard

This placard tells you important information about the:

1. Number of people that can be carried in the vehicle.
2. Total weight your vehicle can carry.
3. Tire size designed for your vehicle.
4. Cold tire inflation pressures for the front, rear, and spare tires.

TIRE AND LOADING INFORMATION			
SEATING CAPACITY - TOTAL 5		FRONT 2	REAR 3
THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED XXX KG OR XXX LBS.			
TIRE	FRONT	REAR	SPARE
ORIGINAL TIRE SIZE	P195/70R14	P195/70R14	T125/70D15
COLD TIRE INFLATION PRESSURE	200kPa, 29PSI	200kPa, 29PSI	420kPa, 60PSI
SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION			4N109268

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Tire And Loading Information Placard

Loading

The vehicle maximum load on the tire must not exceed the load carrying capacity of the tire on your vehicle. You will not exceed the tire's load carrying capacity if you adhere to the loading conditions, tire size, and cold tire inflation pressures specified on the Tire and Loading Information placard in "Vehicle Loading" in the "Starting And Operating" section of the Owner's Manual on the DVD.

NOTE:

Under a maximum loaded vehicle condition, gross axle weight ratings (GAWRs) for the front and rear axles must not be exceeded. For further information on GAWRs, vehicle loading, and trailer towing, refer to "Vehicle Loading" in the "Starting And Operating" section of the Owner's Manual on the DVD.

To determine the maximum loading conditions of your vehicle, locate the statement "The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs" on the Tire and Loading Information placard. The combined weight of occupants, cargo/luggage and trailer tongue weight (if applicable) should never exceed the weight referenced here.

MAINTAINING YOUR VEHICLE

Steps For Determining Correct Load Limit—

- (1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle's placard.
- (2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- (3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.
- (4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if “XXX” amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. $(1400 - 750 (5 \times 150) = 650 \text{ lbs.})$
- (5) Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.
- (6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

Metric Example For Load Limit

For example, if “XXX” amount equals 635 kg and there will be five 68 kg passengers in your vehicle, the amount of available cargo and luggage load capacity is 295 kg $(635 - 340 (5 \times 68) = 295 \text{ kg})$ as shown in step 4.

NOTE:

- If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. The following table shows examples on how to calculate total load, cargo/luggage, and towing capacities of your vehicle with varying seating configurations and number and size of occupants. This table is for illustration purposes only and may not be accurate for the seating and load carry capacity of your vehicle.
- For the following example, the combined weight of occupants and cargo should never exceed 865 lbs (392 kg).

MAINTAINING YOUR VEHICLE

Occupants			Combined weight of occupants and cargo from Tire Placard	MINUS	Combined Occupant's weight	=	AVAILABLE Cargo/Luggage and Trailer Tongue Weight
TOTAL	FRONT	REAR					
EXAMPLE 1							
5	2	3	865 lbs	minus	670 lbs	=	195 lbs
EXAMPLE 2							
3	2	1	865 lbs	minus	540 lbs	=	325 lbs
EXAMPLE 3							
2	2	0	865 lbs	minus	400 lbs	=	465 lbs

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WARNING!

Overloading of your tires is dangerous. Overloading can cause tire failure, affect vehicle handling, and increase your stopping distance. Use tires of the recommended load capacity for your vehicle. Never overload them.

TIRES — GENERAL INFORMATION

Spare Tires — If Equipped

NOTE:

For vehicles equipped with Tire Service Kit instead of a spare tire, please refer to the “Tire Service Kit” section located in your Owner’s Information kit for further information.

CAUTION!

Because of the reduced ground clearance, do not take your vehicle through an automatic car wash with a compact or limited-use temporary spare installed. Damage to the vehicle may result.

MAINTAINING YOUR VEHICLE

Spare Tire Matching Original Equipped Tire And Wheel — If Equipped

Your vehicle may be equipped with a spare tire and wheel equivalent in look and function to the original equipment tire and wheel found on the front or rear axle of your vehicle. This spare tire may be used in the tire rotation for your vehicle. If your vehicle has this option, refer to an authorized tire dealer for the recommended tire rotation pattern.

Compact Spare Tire — If Equipped

The compact spare is for temporary emergency use only. You can identify if your vehicle is equipped with a compact spare by looking at the spare tire description on the Tire and Loading Information Placard located on the driver's side door opening or on the sidewall of the tire. Compact spare tire descriptions begin with the letter "T" or "S" preceding the size designation. Example: T145/80D18 103M.

T, S = Temporary Spare Tire

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

Do not install a wheel cover or attempt to mount a conventional tire on the compact spare wheel, since the wheel is designed specifically for the compact spare tire. Do not install more than one compact spare tire and wheel on the vehicle at any given time.

WARNING!

Compact and Collapsible spares are for temporary emergency use only. With these spares, do not drive more than 50 mph (80 km/h). Temporary use spares have limited tread life. When the tread is worn to the tread wear indicators, the temporary use spare tire needs to be replaced. Be sure to follow the warnings, which apply to your spare. Failure to do so could result in spare tire failure and loss of vehicle control.

Full Size Spare — If Equipped

The full size spare is for temporary emergency use only. This tire may look like the originally equipped tire on the front or rear axle of your vehicle, but it is not. This spare tire may have limited tread life. When the tread is worn to the tread wear indicators, the temporary use full size spare tire needs to be replaced. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

MAINTAINING YOUR VEHICLE

Limited Use Spare — If Equipped

The limited use spare tire is for temporary emergency use only. This tire is identified by a label located on the limited use spare wheel. This label contains the driving limitations for this spare. This tire may look like the original equipped tire on the front or rear axle of your vehicle, but it is not. Installation of this limited use spare tire affects vehicle handling. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

WARNING!

Limited use spares are for emergency use only. Installation of this limited use spare tire affects vehicle handling. With this tire, do not drive more than the speed listed on the limit use spare wheel. Keep inflated to the cold tire inflation pressures listed on your Tire and Loading Information Placard located on the driver's side B-Pillar or the rear edge of the driver's side door. Replace (or repair) the original equipment tire at the first opportunity and reinstall it on your vehicle. Failure to do so could result in loss of vehicle control.

Wheel And Wheel Trim Care

All wheels and wheel trim, especially aluminum and chrome plated wheels, should be cleaned regularly using mild (neutral Ph) soap and water to maintain their luster and to prevent corrosion. Wash wheels with the same soap solution recommended for the body of the vehicle.

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.

MAINTAINING YOUR VEHICLE

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.

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.

MAINTAINING YOUR VEHICLE

DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES

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

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

Treadwear

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

Traction Grades

The Traction grades, from highest to lowest, are AA, A, B, and C. These grades represent the tire's ability to stop on wet pavement, as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING!

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature Grades

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat, when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance, which all passenger vehicle tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel, than the minimum required by law.

WARNING!

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

MAINTAINING YOUR VEHICLE

REPLACEMENT 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

NOTE:

- Numbers refer to commercial bulb types that can be purchased from your authorized dealer.
- If a bulb needs to be replaced, visit your authorized dealer.

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 a complimentary printed copy of the Owner's Manual, Navigation/Uconnect Manuals or Warranty Booklet. United States customers may visit the Ram Truck Contact Us page at www.ramtrucks.com scroll to the bottom of the page and select the "Contact Us" link, then select the "Owner's Manual and Glove Compartment Material" from the left menu. You may also obtain a complimentary copy by calling 1-866-726-4636 (U.S.) or 1-800-387-1143 (Canada).

CUSTOMER ASSISTANCE

- 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 "Owners" tab, select "Owner And Service Manuals", then select your desired model year and vehicle from the drop down lists.

REPORTING SAFETY DEFECTS IN THE UNITED STATES

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

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

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

In Canada

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

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:

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

INTERIOR:

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

ELECTRONICS:

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

For the full line of Authentic Ram Accessories by Mopar, visit your local dealership or online at mopar.com for U.S. residents and mopar.ca for Canadian residents.

NOTE:

All parts are subject to availability.

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