RAM

2013

OWNER'S MANUAL
SUPPLEMENT

RAM TRUCK 2500

COMPRESSED NATURAL GAS

VEHICLES SOLD IN CANADA

With respect to any Vehicles Sold in Canada, the name Chrysler Group LLC shall be deemed to be deleted and the name Chrysler Canada Inc. used in substitution therefore.

DRIVING AND ALCOHOL

Drunken driving is one of the most frequent causes of accidents.

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

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

This manual illustrates and describes the operation of features and equipment that are either standard or optional on this vehicle. This manual 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 manual that are not on this vehicle.

Chrysler Group LLC reserves the right to make changes in design and specifications, and/or make additions to or improvements to its products without imposing any obligation upon itself to install them on products previously manufactured.

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INTRODUCTION

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INTRODUCTION

This booklet is a supplement to the Ram Truck Gas 2500 Owner's Manual. It contains information relative to the Compressed Natural Gas equipment installed on this vehicle by the manufacturer. You are urged to read this publication and the Owner's Manual carefully.

Following the instructions and recommendations provided herein will help assure safe and reliable operation of your vehicle. After you have read the booklet it should be stored in the vehicle for convenient reference and remain with the vehicle when sold.

THINGS TO KNOW BEFORE STARTING YOUR VEHICLE

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GENERAL INFORMATION

Your vehicle is designed to operate on gasoline or Compressed Natural Gas (CNG). Compressed Natural Gas is made up primarily of methane and is in a gaseous state at all times.

The manufacturer's built vehicles equipped with compressed natural gas fueled engines are identified by the character T in the eighth (engine) position of the Vehicle Identification Number (V.I.N.)

SAFETY WARNINGS

Natural gas is safe and reliable, when used properly. For safe operation of your vehicle, observe the following precautions:

- Your vehicle fuel system has a maximum capacity of 3,600 pounds per square inch gauge (24.8 MPa) compensated to a temperature of 70° F (21° C). The vehicle should only be filled from refueling equipment incorporating temperature compensation to 70° F (21° C). Exceeding the fuel system capacity may result in fuel system damage and possibly cause injury.

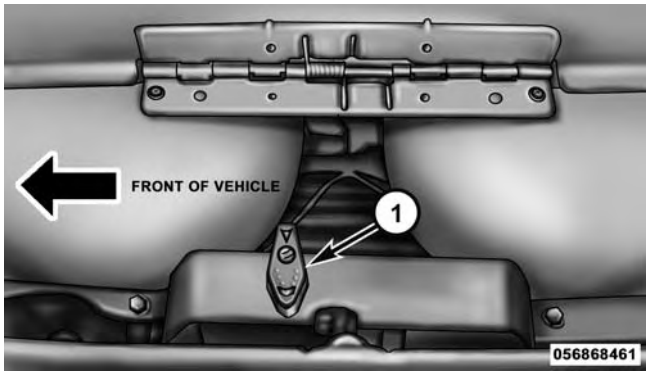
- Do not attempt to force open or tamper with the fuel fill receptacle. A sudden release of natural gas may occur, possibly causing injury.
- Natural gas contains an odorant additive and persistent natural gas odor may indicate a leak. If a persistent natural odor is detected, the cause should be located and corrected immediately by a qualified technician.
- Do not park or service your vehicle near any source of excessive heat or open flame. Never use a paint oven to cure any paint repairs. The natural gas storage containers on this vehicle are equipped with pressure relief devices which vent at 230° F (110° C).
- Do not paint or under coat any natural gas fuel system components. Unlike gasoline, a compressed natural gas fuel system is under pressure even when the engine is not running. To avoid risk of personal injury, any repair to the fuel system should be performed by a qualified technician.
- Natural gas vapors at atmospheric pressure are lighter than air and will rise and disperse in open areas. In enclosed areas, natural gas vapor may collect and form a combustible mixture. If the vehicle is routinely placed in an enclosed area, the area should be provided with adequate ventilation and/or a natural gas detection system. For long term storage, the manual shutoff valve and individual container valves should be closed.

- When a vehicle is involved in an accident which has or may have caused damage to the natural gas fuel system, the system must be inspected and pressure tested by a qualified technician before returning the vehicle to service.
- Any fuel system component, including the containers, that has been subjected to fire may not be returned to service due to reduced pressure capability.

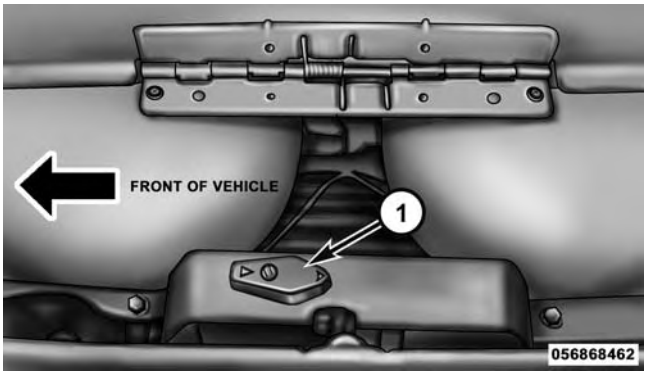
MANUAL SHUT OFF VALVE

The manual one-quarter turn shut off valve is located inside the protective cover for the tanks. It's location is identified by a label on the top of the cover. This valve isolates the fuel containers from the rest of the fuel system.

Manual Shut Off Valve Access Door



1 — Valve Off



1 — Valve On

UNDERSTANDING YOUR INSTRUMENT PANEL

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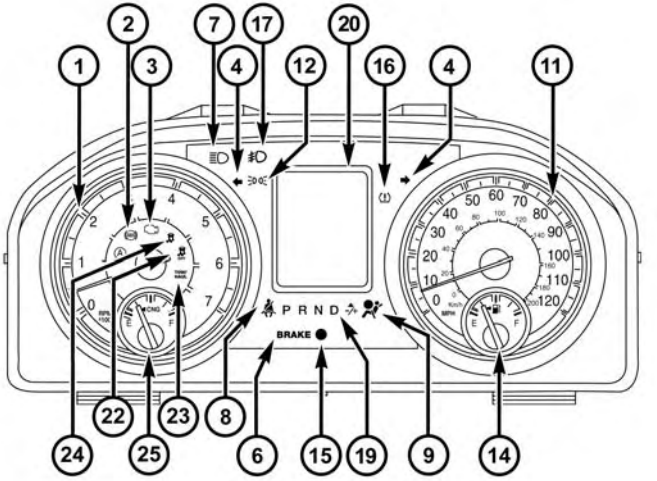
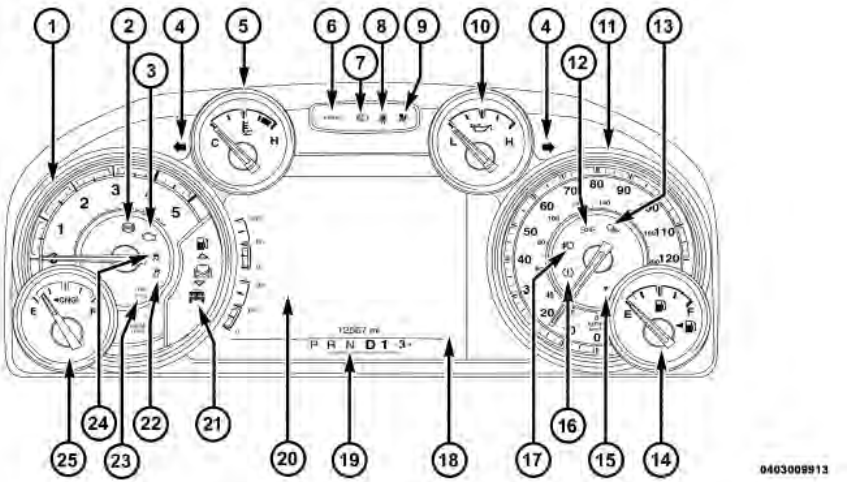
INSTRUMENT CLUSTER — 3.5” EVIC



INSTRUMENT CLUSTER — 7" EVIC



INSTRUMENT CLUSTER DESCRIPTIONS

1. Tachometer

The tachometer indicates engine speed in Revolutions Per Minute (RPM x 1000).

CAUTION!

Do not operate the engine with the tachometer pointer at high RPM for extended periods. Engine operation over 3200 RPM (Redline) can result in significant damage that will not be covered under warranty.

2. Anti-Lock Brake (ABS) Light

This light monitors the Anti-lock Brake System (ABS). The light will turn on when the ignition switch is turned to the ON/RUN position and may stay on for as long as four seconds.

If the ABS light remains on or turns on while driving, it indicates that the anti-lock portion of the brake system is not functioning and that service is required. However, the conventional brake system will continue to operate normally if the BRAKE warning light is not on.

If the ABS light is on, the brake system should be serviced as soon as possible to restore the benefits of anti-lock brakes. If the ABS light does not turn on when the ignition switch is turned to the ON/RUN position, have the light inspected by an authorized dealer.

3. Malfunction Indicator Light (MIL)

The Malfunction Indicator Light (MIL) is part of an onboard diagnostic (OBDII) system which monitors the emissions and engine control system. If the vehicle is ready for emissions testing, the light will come on when the ignition is first turned on and remain on, as a bulb check, until the engine is started. If the vehicle is not ready for emissions testing the light will come on when the ignition is first turned on and remain on for 15 seconds, then blink for 5 seconds, and remain on until the vehicle is started. If the bulb does not come on during starting, have the condition investigated promptly.

If this light comes on and remains on while driving, it suggests a potential engine control problem and the need for system service.

Although your vehicle will usually be drivable and not need towing, see your authorized dealer for service as soon as possible.

CAUTION!

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

WARNING!

A malfunctioning catalytic converter, as referenced above, can reach higher temperatures than in normal operating conditions. This can cause a fire if you

(Continued)

WARNING! ***(Continued)***

drive slowly or park over flammable substances such as dry plants, wood, cardboard, etc. This could result in death or serious injury to the driver, occupants or others.

4. Turn Signal Indicators

The arrow will flash with the exterior turn signal when the turn signal lever is operated.

NOTE:

- A continuous chime will sound if the vehicle is driven more than 1 mile (1.6 km) with either turn signal on.
- Check for an inoperative outside light bulb if either indicator remains on and does not flash, or flashes at a rapid rate.

5. Engine Coolant Temperature

This gauge shows the engine coolant temperature. The gauge pointer will likely show higher temperatures when driving in hot weather, up mountain grades, or in heavy stop and go traffic. If the red Warning Light turns on while driving, safely bring the vehicle to a stop, and turn off the engine. DO NOT operate the vehicle until the cause is corrected.

CAUTION!

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

(Continued)

WARNING!

A hot engine cooling system is dangerous. You or others could be badly burned by steam or boiling coolant. You may want to call an authorized dealer for service if your vehicle overheats. If you decide to look under the hood yourself, see "Maintaining Your Vehicle." Follow the warnings under the "Cooling System Pressure Cap" paragraph.

6. 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 Anti-lock Brake System reservoir.

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

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

The light will remain on until the cause is corrected.

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

If brake failure is indicated, immediate repair is necessary.

WARNING!

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

Vehicles equipped with the 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.

7. High Beam Indicator

This indicator shows that headlights are on high beam. Push the multifunction lever forward to switch the headlights to high beam, and pull toward yourself (normal position) to return to low beam.

8. Seat Belt Reminder Light

When the ignition switch is first turned to ON/RUN, 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's seat belt remains unbuckled, the seat belt reminder light will flash or remain on continuously. Refer to "Occupant Restraints" in "Things To Know Before Starting Your Vehicle" for further information.

9. Air Bag Warning Light

This light will turn on for four to eight seconds as a bulb check when the ignition switch is first turned to ON/RUN. If the light is either not on during starting, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible. Refer to "Occupant Restraints" in "Things To Know Before Starting Your Vehicle" for further information.

10. Engine Oil Pressure

The pointer should always indicate some oil pressure when the engine is running. A continuous high or low reading under normal driving conditions may indicate a lubrication system malfunction. Immediate service should be obtained from an authorized dealer.

If the gauge pointer moves to either extreme of the gauge, the Check Gauges indicator will illuminate and a single chime will sound.

11. Speedometer

The speedometer shows the vehicle speed in miles per hour and/or kilometers per hour (mph/km/h).

12. Park/Headlight ON Indicator — If Equipped

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

13. Cargo Light

The cargo light will illuminate when the cargo light is activated by pressing the cargo light button on the headlight switch.

14. Fuel Gauge

Shows level of fuel in tank when ignition switch is in the ON/RUN position.

15. Vehicle Security Light — If Equipped

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

16. Tire Pressure Monitoring Telltale 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.

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

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle, to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

CAUTION!

The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. Aftermarket wheels can cause sensor damage. 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.

NOTE: The TPMS telltale is also accompanied by a "Low Tire" message in the odometer (Base Cluster), or in the Electronic Vehicle Information Center (EVIC) screen indicating "Low Tire" for EVIC enabled clusters.

17. Front Fog Light Indicator — If Equipped

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

18. Fuel Mode Indicator

The bottom right corner of the EVIC display will show the fuel mode indicator light and highlight whether the vehicle is using Gasoline or Compressed Natural Gas (CNG).

19. Transmission Gear Position Indicator

Transmission Gear Position Indicator is self-contained within the instrument cluster. It displays the gear range of the automatic transmission.

NOTE: The highest available transmission gear is displayed in the lower right corner of the Electronic Vehicle Information Center (EVIC) whenever the Electronic Range Select (ERS) feature is active. Use the +/- selector on the shift lever to activate ERS. Refer to "Automatic Transmission" in "Starting And Operating" for further information.

20. Electronic Vehicle Information Center (EVIC)

The Electronic Vehicle Information Center (EVIC) features a driver-interactive display that is located in the instrument cluster. For further information, refer to "Electronic Vehicle Information Center (EVIC)".

NOTE: The bottom right corner of the EVIC display will show the fuel mode indicator light and highlight whether the vehicle is using Gasoline or Compressed Natural Gas (CNG).

21. Electronic Vehicle Information Center (EVIC) Menu

The Electronic Vehicle Information Center (EVIC) features a driver-interactive display that is located in the instrument cluster. For further information, refer to "Electronic Vehicle Information Center (EVIC)".

22. Electronic Stability Control (ESC) OFF Indicator Light — If Equipped

This light indicates that the Electronic Stability Control (ESC) is in Partial Off or Full Off mode.

23. TOW/HAUL

The TOW HAUL button is located on the center stack upper switch bank. This light will illuminate when TOW HAUL mode is selected.

24. Electronic Stability Control (ESC) Activation/Malfunction Indicator Light — If Equipped

The "ESC Activation/Malfunction Indicator Light" in the instrument cluster will come on when the ignition switch is turned to the ON/RUN position. It should go out with the engine running. If the "ESC Activation/Malfunction Indicator Light" comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), see 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.
- The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive following the maneuver that caused the ESC activation.

25. CNG Gauge

Shows level of CNG (Compressed Natural Gas) in the tanks when ignition switch is in the ON/RUN position.

NOTE: Depending on operating/ambient temperature conditions the CNG gauge may fluctuate.

ELECTRONIC VEHICLE INFORMATION CENTER (EVIC) — 3.5"

The Electronic Vehicle Information Center (EVIC) features a driver-interactive display that is located in the instrument cluster.

This system allows the driver to select a variety of useful information by pressing the switches mounted on the steering wheel. The EVIC consists of the following:

- Digital Speedometer
- Vehicle Info
- Fuel Economy Info

- Trip A
- Trip B
- Stop/Start Info (If Equipped)
- Trailer Tow
- Radio Info
- Stored Messages
- Screen Setup
- Vehicle Settings (Not Equipped with a Uconnect® Access 8.4 radio)

The system allows the driver to select information by pressing the following buttons mounted on the steering wheel:

EVIC Steering Wheels Buttons

- *UP Arrow Button*

Press and release the UP arrow button to scroll upward through the main menu and sub-menus (Fuel Economy, Trip A, Trip B, Audio, Stored Messages, Screen Set Up).

- *DOWN Arrow Button*

Press and release the DOWN arrow button to scroll downward through the main menu and sub-menus (Fuel Economy, Trip A, Trip B, Audio, Stored Messages, Screen Set Up).

- *RIGHT Arrow Button*

Press and release the RIGHT arrow button to access/select the information screens or sub-menu screens of a main menu item. Press and hold the RIGHT arrow button for two seconds to reset displayed/selected features that can be reset.

- *BACK Arrow Button*

Press the LEFT arrow button to return to the main menu from an info screen or sub-menu item.

Electronic Vehicle Information Center (EVIC) Displays

The main display area will normally display the main menu or the screens of a selected feature of the main menu. The main display area also displays “pop up” messages that consist of approximately 60 possible warning or information messages. These pop up messages fall into several categories:

- *Five Second Stored Messages*

When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. Most of the messages of this type are then stored (as long as the condition that activated it remains active) and can be

reviewed from the “Messages” main menu item. As long as there is a stored message, an “i” will be displayed in the EVIC’s compass/outside temp line. Examples of this message type are “Right Front Turn Signal Lamp Out” and “Low Tire Pressure”.

- ***Unstored Messages***

This message type is displayed indefinitely or until the condition that activated the message is cleared. Examples of this message type are “Turn Signal On” (if a turn signal is left on) and “Lights On” (if driver leaves the vehicle).

- ***Unstored Messages Until RUN***

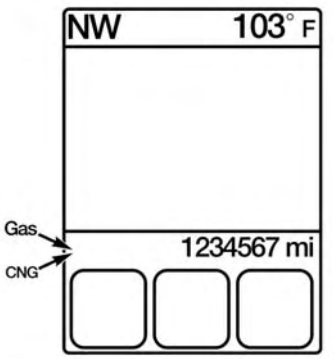
These messages deal primarily with the Remote Start feature. This message type is displayed until the ignition is in the RUN state. Examples of this message type are “Remote Start Aborted - Door Ajar” and “Press Brake Pedal and Push Button to Start”.

- ***Five Second Unstored Messages***

When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. An example of this message type is “Automatic High Beams On”.

Fuel In Use Display

The odometer line of the EVIC will display the type of fuel in use, this will change between “CNG” and “Gas”.



Fuel In Use Display

Electronic Vehicle Information Center (EVIC) Messages

- Front Seatbelts Unbuckled
- Driver Seatbelt Unbuckled
- Passenger Seatbelt Unbuckled
- Service Airbag System
- Traction Control Off
- Washer Fluid Low
- Oil Pressure Low
- Oil Change Due
- Fuel Low
- Service Antilock Brake System
- Service Electronic Throttle Control
- Service Power Steering
- Cruise Off
- Cruise Ready
- Cruise Set To XXX MPH

- Tire Pressure Screen With Low Tire(s) “Inflate Tire to XX”
- Service Tire Pressure System
- Parking Brake Engaged
- Brake Fluid Low
- Service Electronic Braking System
- Engine Temperature Hot
- Battery Voltage Low
- Service Electronic Throttle Control
- Lights On
- Right Turn Signal Light Out
- Left Turn Signal Light Out
- Turn Signal On
- Vehicle Not in Park
- Key in Ignition
- Key in Ignition Lights On
- Remote Start Active Key to Run
- Remote Start Active Push Start Button
- Remote Start Aborted Fuel Low
- Remote Start Aborted Too Cold
- Remote Start Aborted Door Open
- Remote Start Aborted Hood Open
- Remote Start Aborted Trunk Open
- Remote Start Aborted Time Expired
- Remote Start Disabled Start to Reset
- Service Airbag System

- Service Airbag Warning Light
- Driver Seatbelt Unbuckled
- Passenger Seatbelt Unbuckled
- Front Seatbelts Unbuckled
- Door Open
- Doors Open
- Gear Not Available
- Shift Not Allowed
- Shift to Neutral then Drive or Reverse
- Autostick Unavailable Service Required
- Automatic Unavailable Use Autostick Service Req.
- Transmission Getting Hot Press Brake
- Trans. Hot Stop Safely Shift to Park Wait to Cool
- Transmission Cool Ready to Drive
- Trailer Brake Disconnected
- Service Transmission
- Service Shifter
- Engage Park Brake to Prevent Rolling
- Transmission Too cold Idle with Engine On
- Washer Fluid Low
- Stop/Start Ready – If Equipped
- Stop/Start Not Ready – If Equipped
- Stop/Start Not Ready Hood Open – If Equipped
- Stop/Start Not Ready Battery Charging – If Equipped
- Stop/Start Not Ready Trailer Tow/Haul Selected – If Equipped

- Stop/Start Not Ready 4WD/Low Range Selected – If Equipped
- Stop/Start Not Ready Fuel Level Low – If Equipped
- Stop/Start Not Ready Steep Incline – If Equipped
- Stop/Start Not Ready Extreme Outside Temperature – If Equipped
- Stop/Start Not Ready Engine Temperature Too High – If Equipped
- Stop/Start Not Ready Engine Temperature Too Low – If Equipped
- Stop/Start Not Ready Driver Seatbelt Unbuckled – If Equipped
- Stop/Start Not Ready Driver Door Open – If Equipped
- Stop/Start Not Ready Cabin Cooling Or Heating – If Equipped
- Stop/Start Not Ready Not Ready Max Cooling Or Heating – If Equipped
- Stop/Start Not Ready Max Cooling Or Heating Selected – If Equipped
- Stop/Start Not Ready Front Defrost Selected – If Equipped
- Stop/Start Not Ready Steering Wheel Turned – If Equipped
- Stop/Start Autostop Active – If Equipped
- Stop/Start To Restart Press Clutch Or Shift To Neutral – If Equipped
- Stop/Start Req'd Fault Detected – If Equipped
- Stop/Start Cannot Autostart Hood Open – If Equipped
- Stop/Start Unavailable Service Battery – If Equipped

- Stop/Start Unavailable Service Stop/Start System – If Equipped
- Stop/Start To Restart Shift Out Of Park – If Equipped
- Stop/Start Off – If Equipped
- Autostop Duration – If Equipped

The Reconfigurable Telltales section is divided into the white telltales area on the right, amber telltales in the middle, and red telltales on the left.

EVIC Red Telltales

This area will show reconfigurable red telltales. These telltales include:

- *Door Ajar*

This light will turn on to indicate that one or more doors may be ajar.

- *Oil Pressure Warning Light*

This telltale 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 for four minutes when this light turns on.

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

- *Oil Temperature Warning Light*

This telltale indicates engine oil temperature is high. If the light turns on while driving, stop the vehicle and shut off the engine as soon as possible.

- *Charging System Light*

This light shows the status of the electrical charging system. If the light stays on or comes on while driving, turn off some of the vehicle's non-essential

electrical devices or increase engine speed (if at idle). If the charging system light remains on, it means that the vehicle is experiencing a problem with the charging system. Obtain SERVICE IMMEDIATELY. See an authorized dealer.

If jump starting is required, refer to "Jump Starting Procedures" in "What To Do In Emergencies".

- *Electronic Throttle Control (ETC) Light*

This light informs you of a problem with the Electronic Throttle Control (ETC) system. The light will come on when the ignition is first turned ON and remain on briefly as a bulb check. If the light does not come on during starting, have the system checked by an authorized dealer.

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

If the light remains lit with the engine running, your vehicle will usually be drivable. However, see an authorized dealer for service as soon as possible. If the light is flashing when the engine is running, immediate service is required. You may experience reduced performance, an elevated/rough idle or engine stall and your vehicle may require towing.

- *Engine Temperature Warning Light*

This light warns of an overheated engine condition. As 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.

If the light turns on while driving, safely pull over and stop the vehicle. If the A/C system is on, turn it off. Also, shift the transmission into NEUTRAL and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service. Refer to "If Your Engine Overheats" in "What To Do In Emergencies" for more information.

- *Electric Power Steering Malfunction Warning Light*

This telltale is on when the Electric Power Steering is not operating and needs service.

- *Trailer Brake Disconnected Warning Light*

This telltale is on when the Trailer Brake has been disconnected.

EVIC Amber Telltales

This area will show reconfigurable amber caution telltales. These telltales include:

- *Low Fuel Telltale*

When the fuel level reaches approximately 3.0 gal (11.0 L) this light will turn on, and remain on until fuel is added.

- *Windshield Washer Fluid Low Indicator*

This telltale will turn on to indicate the windshield washer fluid is low.

- *Low Coolant Level Indicator*

This telltale will turn on to indicate the vehicle coolant level is low.

- *Transmission Temperature Warning Telltale*

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

- *Service Stop/Start System Telltale — If Equipped*

This telltale will turn on to indicate that the Stop/Start is Unavailable, service Stop/Start system.

- *Check Fuel Filler*

This telltale will turn on to indicate that the fuel filler door may not be sealed.

CAUTION!

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

WARNING!

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

EVIC White Telltales

- *Electronic Speed Control Ready*

This light will turn on when the electronic speed control is ON. For further information, refer to "Electronic Speed Control" in "Understanding The Features Of Your Vehicle."

- *Hill Descent Control Indicator Light — If Equipped*

The symbol indicates the status of the Hill Decent Control (HDC) feature. The lamp will be on solid when HDC is armed. HDC can only be armed when the transfer case is in the "4WD Low" position and the vehicle speed is less then 30 mph (48 km/h). If these conditions are not met while attempting to use the HDC feature, the HDC indicator lamp will flash on/off.

- *Shift Lever Status — If Equipped*

The selected AutoStick® gear is displayed as "1", "2", "3", "4", or "5" for five-speed automatic transmissions, "1", "2", "3", "4", "5", "6", "7", or "8" for eight-speed automatic transmission and indicate the AutoStick® feature has been engaged and the gear selected is displayed. For further information on AutoStick®, refer to "Starting And Operating".

EVIC Green Telltales

- *Electronic Speed Control SET*

This telltale will illuminate green when the electronic speed control is SET. For further information, refer to "Electronic Speed Control" in "Understanding The Features Of Your Vehicle."

Personal Settings (Customer-Programmable Features)

For vehicles equipped a 3.5″ EVIC screen

Personal Settings allows the driver to set and recall features when the transmission is in PARK.

Press and release the UP and DOWN button until Personal Settings displays in the EVIC.

Press and release the SELECT/RIGHT arrow button to display one of the following choices.

For vehicles equipped with a 7″ EVIC screen and not equipped with a Uconnect® 8.4 radio.

Personal Settings allows the driver to set and recall features when the transmission is in PARK.

Use the UP or DOWN button until Personal Settings displays in the EVIC.

Press and release the SELECT/RIGHT arrow button to Enter Vehicle Settings

Use the UP or DOWN button to display one of the following choices.

NOTE: Your vehicle may or may not be equipped with the following settings.

Language

When in this display you may select one of six languages for all display nomenclature, including the trip functions and the navigation system (if equipped). Press the UP or DOWN button while in this display and scroll through the language choices. Press the SELECT button to select English, Spanish (Español), French (Français), Italian, German, Dutch. Then, as you continue, the information will display in the selected language.

Units

Press and release the UP or DOWN button until "Units" displays in the EVIC and press the SELECT button. The EVIC, odometer, and navigation system (if equipped) can be changed between English and Metric units of measure. To make your selection, press and release the SELECT button the selected setting will be displayed.

Nav–Turn By Turn – If Equipped

When this feature is selected, the navigation system utilizes voice commands, guiding through the drive route, mile by mile, turn-by-turn until the final destination is reached. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated.

Park Assist System — If Equipped

The Rear Park Assist system will scan for objects behind the vehicle when the transmission is in the REVERSE position and the vehicle speed is less than 11 mph (18 km/h). The system can be enabled with Sound Only or Sound and Display. To make your selection, scroll up or down until the preferred setting is highlighted, then press and release the SELECT button until a check-mark appears next to the setting, showing that the setting has been selected. Refer to "Rear Park Assist System" in "Understanding The Features Of Your Vehicle" for system function and operating information.

Tilt Mirror In Reverse

When this feature is selected and the shift lever is placed in reverse gear, the side mirrors tilt downward to allow the driver to see into the previous blind spot and avoid objects in close proximity to the rear of the vehicle. To make your selection, press and release the SELECT

button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated.

Auto Wipers — If Equipped

When ON is selected, the system will automatically activate the windshield wipers if it senses moisture on the windshield. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated. When the system is deactivated, the system reverts to the standard intermittent wiper operation.

Hill Start Assist (HSA)

When on is selected, the HSA system is active. Refer to "Electronic Brake Control System" in "Starting And Operating" for system function and operating information. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated.

Headlamp Off Delay

When this feature is selected, the driver can choose to have the headlights remain on for 0, 30, 60, or 90 seconds when exiting the vehicle. To make your selection, scroll up or down until the preferred setting is highlighted, then press and release the SELECT button until a check-mark appears next to the setting, showing that the setting has been selected.

Illuminated Approach

When this feature is selected, the headlights will activate and remain on for 0, 30, 60, or 90 seconds when the doors are unlocked with the RKE transmitter. To make your selection, scroll up or down until the preferred setting is

highlighted, then press and release the SELECT button until a check-mark appears next to the setting, showing that the setting has been selected.

Headlamps With Wipers

When this feature is selected and the HEADLIGHT switch is in the AUTO position, the headlights will turn on approximately 10 seconds after the wipers are turned on. The headlights will also turn off when the wipers are turned off if they were turned on by this feature. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated.

Automatic High Beams — If Equipped

When this feature is selected, the high beam headlights will deactivate automatically under certain conditions. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated. Refer to "Lights/SmartBeam™ — If Equipped" in "Understanding The Features Of Your Vehicle" for further information.

Flash Lamps With Lock

When this feature is selected, the front and rear turn signals will flash when the doors are locked or unlocked with the RKE transmitter. This feature may be selected with or without the sound horn on lock feature selected. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated.

Auto Lock Doors

When this feature is selected, all doors will lock automatically when the vehicle reaches a speed of 15 mph (24 km/h). To make your selection, press and release the

SELECT button until a check-mark appears next to the feature showing the system has been activated, or the check-mark is removed showing the system has been deactivated.

Auto Unlock Doors

When this feature is selected, all doors will unlock when the vehicle is stopped and the transmission is in the PARK or NEUTRAL position and the driver's door is opened. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated, or the check-mark is removed showing the system has been deactivated.

Horn with Remote Start

When this feature is selected, a short horn sound will occur when the RKE transmitter REMOTE START button is pressed. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated.

Sound Horn With Remote Lock

When this feature is selected, a short horn sound will occur when the RKE transmitter LOCK button is pressed. This feature may be selected with or without the Flash Lamps with Lock feature. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated.

Remote Unlock Sequence

When **Unlock Driver Door Only On 1st Press** is selected, only the driver's door will unlock on the first press of the RKE transmitter UNLOCK button. When Driver Door 1st Press is selected, you must press the RKE transmitter UNLOCK button twice to unlock the passenger's doors.

When **Unlock All Doors On 1st Press** is selected, all of the doors will unlock on the first press of the RKE transmitter UNLOCK button. To make your selection, scroll up or down until the preferred setting is highlighted, then press and release the SELECT button until a check-mark appears next to the setting, showing that the setting has been selected.

Key Fob Linked To Memory

When this feature is selected the memory seat, mirror, and radio settings will return to the memory set position when the RKE transmitter UNLOCK button is pressed. If this feature is not selected then the memory seat, mirror, and radio settings can only return to the memory set position using the seat mounted switch. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated.

Keyless Enter-N-Go™ (Passive Entry)

This feature allows you to lock and unlock the vehicle's door(s) without having to press the RKE transmitter lock or unlock buttons. To make your selection, press and release the SELECT button until a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated. Refer to "Keyless Enter-N-Go™" in "Things To Know Before Starting Your Vehicle".

Remote Start Comfort Sys.

When this feature is selected and the remote start is activated, the heated steering wheel and driver heated seat features will automatically turn on in cold weather. In warm weather, the driver vented seat feature will automatically turn on when the remote start is activated. These features will stay on through the duration of remote start or until the key is turned to RUN. To make your selection, press and release the SELECT button until

a check-mark appears next to the feature showing the system has been activated or the check-mark is removed showing the system has been deactivated.

Key-Off Power Delay

When this feature is selected, the power window switches, radio, hands-free system (if equipped), DVD video system (if equipped), power sunroof (if equipped), and power outlets will remain active for up to 10 minutes after the ignition switch is turned OFF. Opening either front vehicle door will cancel this feature. To make your selection, scroll up or down until the preferred setting is highlighted, then press and release the SELECT button until a check-mark appears next to the setting, showing that the setting has been selected.

Commercial Settings — If Equipped

Commercial Settings allows the driver to set and recall the following features:

PIN Setup

When this feature is selected the EVIC will request that a PIN is entered. Press the UP/DOWN to select a numerical value for the PIN. Press the RIGHT/LEFT buttons to select the desired PIN position. For the first time PIN entry or if a PIN is not desired, enter "0000" to bypass PIN entry. Once the PIN is entered the commercial settings for Power Take-Off (PTO) and AUX Switches are available.

Power Take-Off Settings

When this feature is selected, the PTO mode and Parameters can be adjusted. The To make your selection, scroll up or down until PTO Mode or Parameters is highlighted, then press and release the SELECT button to enter that feature. Once PTO Mode or Parameters is selected, use the UP/DOWN buttons to scroll through the sub-menus.

PTO Mode Sub-Menus:

- Standard
- Remote
- Mobile

Parameters Sub-Menus:

- Single Set RPM
- Remote RPMs
- Auto Resume
- Max Speed

To make your selection, scroll up or down until the preferred setting is highlighted, then press and release the SELECT button until a check-mark appears next to the setting, showing that the setting has been selected.

AUX Switch Settings

When this feature is selected, the Auxiliary Switch settings can be adjusted. Once AUX Switches is selected, use the UP/DOWN buttons to scroll through the sub-menus.

AUX Switch Sub-Menus:

- Type
  - Latching (stays active after the button is pressed)
  - Momentary (is only active when the button is held down)

- Power Source
  - Battery
  - Ignition
- Last State
  - On
  - Off

Trailer Select

When this feature is selected, the Trailer Type can be selected between “Trailer 1”, “Trailer 2”, “Trailer 3” and “Trailer 4”. To make your selection, scroll up or down until the preferred setting is highlighted, then press and release the SELECT button until a check-mark appears next to the setting, showing that the setting has been selected.

Trailer Brake Type

When this feature is selected, the Trailer Brake Type can be changed between “Light Electric”, “Heavy Electric”, “Light EOH” and “Heavy EOH”. To make your selection, scroll up or down until the preferred setting is highlighted, then press and release the SELECT button until a check-mark appears next to the setting, showing that the setting has been selected. Refer to “Integrated Trailer Brake Module” in “Starting And Operating.”

Trailer Name

When this feature is selected, the Trailer name can be selected from 16 names. To make your selection, scroll up or down until the preferred setting is highlighted, then press and release the SELECT button until a check-mark appears next to the setting, showing that the setting has been selected.

Calibrate Compass

Refer to “Compass Display” for more information.

Compass Variance

Refer to “Compass Display” for more information.

STARTING AND OPERATING

CONTENTS

STARTING PROCEDURES

Your vehicle uses the same starting procedures as described in the Dodge Ram 1500/2500/3500 Owner's Manual. No special starting instructions are required.

NOTE: Periodically the vehicle will automatically switch from operation on CNG to Gasoline for a short duration, depending on conditions. This is done for a number of reasons, including to maintain the freshness and appropriate seasonal blend of gasoline, to ensure maintenance of the gasoline injectors and/or to meet high-load demands.

FUEL REQUIREMENTS

United States

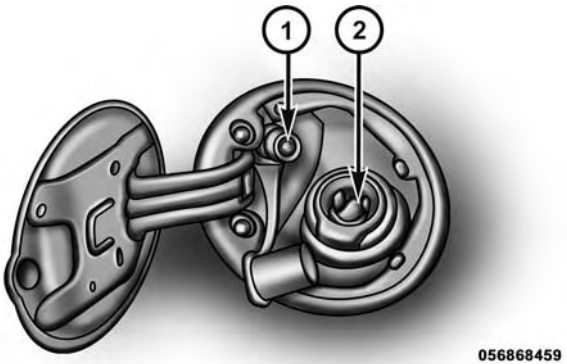
Use only natural gas which meets the requirements for gas quality as specified in National Fire Protection Association NFPA52 and American National Standard ANSI/AGA NGV2. Use of natural gas that does not meet these requirements may result in starting and driveability problems and damage to critical fuel system components.

Canada

Use only natural gas which meets the requirements for gas quality as specified in Canadian Standards Association (CSA) B51–M1991 G4.1.2 or SAE J1616. Use of natural gas that does not meet these requirements may result in starting and driveability problems and damage to critical fuel system components.

ADDING FUEL

1. Open the fuel filler door.



1 — NGV 1 Receptacle
2 — Gasoline Fuel Filling Receptacle

NOTE: There is no fuel filler cap. A flapper door inside the filler pipe seals the system.

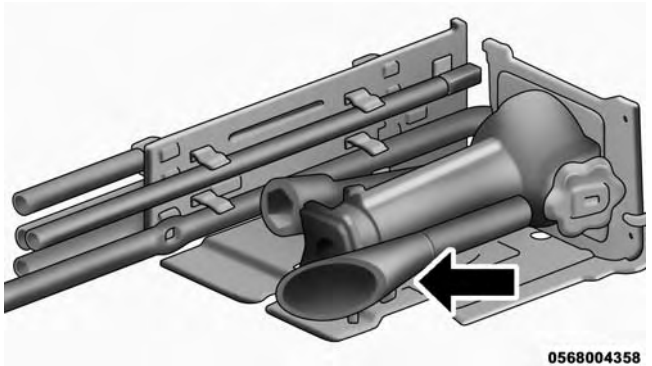
2. Insert the fuel nozzle fully into the filler pipe – the nozzle opens and holds the flapper door while refueling.
3. Fill the vehicle with fuel – when the fuel nozzle "clicks" or shuts off the fuel tank is full.
4. Remove the fuel nozzle and close the fuel door.

Emergency Fuel Can Refueling

Most fuel cans will not open the flapper door.

A funnel is provided to open the flapper door to allow emergency refueling with a fuel can.

1. Retrieve fuel funnel from the jack kit located under the front passenger seat.



Fuel Fill Funnel Location 2500/3500 Models

2. Insert funnel into same filler pipe opening as the fuel nozzle.

NOTE: Ensure funnel is inserted fully to hold flapper door open.

3. Pour fuel into funnel opening.
4. Remove funnel from filler pipe, clean off prior to putting back in the jack kit.

CAUTION!

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

WARNING!

- **Never have any smoking materials lit in or near the vehicle when the fuel door is open or the tank is being filled.**
- **Never add fuel when the engine is running. This is in violation of most state and federal fire regulations and may cause the "Malfunction Indicator Light" to turn on.**

(Continued)

WARNING! ***(Continued)***

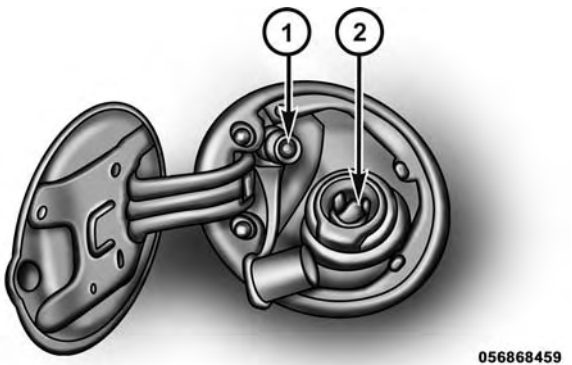
- **A fire may result if fuel is pumped into a portable container that is inside of a vehicle. You could be burned. Always place fuel containers on the ground while filling.**

Adding Compressed Natural Gas (CNG)

The NGV 1 fuel fill receptacle is mounted in the standard location behind the fuel filler door. The fill dispenser seals to the receptacle with an O-ring. Replace the O-ring in the fill receptacle before refueling if it is damaged or missing; otherwise natural gas can leak while refueling.

Fueling your natural gas powered vehicle can only be performed at locations specially equipped to refuel natural gas vehicles.

NOTE: There are a number of NGV1 filler nozzles available. It may be necessary to rotate the nozzle to ensure clearance to the fuel filler housing or truck bed.



1 — NGV 1 Receptacle

2 — Gasoline Fuel Filling Receptacle

WARNING!

- **Do not attempt to force open or tamper with the fuel fill receptacle. A sudden release of natural gas may occur, possibly causing injury.**
- **Your vehicle fuel system has a maximum capacity of 3600 pounds per square inch gauge (24.8 MPa) compensated to a temperature of 70°F (21°C). Exceeding the fuel system capacity may result in fuel system damage and possibly cause injury.**
- **Your vehicle should not be fueled if damage to the container has occurred. The damaged container should be retested and inspected as per the Maintenance section prior to be being placed back into service.**

NOTE: The fuel containers must be visually inspected every 36 months or 36,000 miles whichever comes first, for damage and deterioration from the date of manufacture. The fuel containers expire and must be removed from service after fifteen years from the date of manufacture. A label on the CNG tank states the first container inspection and container expiration date. Refer to "Maintaining Your Vehicle" in your Owner's Manual for additional details on retesting.

TRAILER TOWING

NOTE: This vehicle is not compatible with gooseneck/fifth-wheel trailers.

Refer to "Trailer Towing" in "Starting And Operating" in your Owner's Manual for further information.

MAINTAINING YOUR VEHICLE

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MAINTENANCE PROCEDURES

Container Inspection And Testing

Inspection

It is recommended that the fuel system components be inspected periodically for leaks and/or excessive wear.

Container Retest Requirements (United States)

Each CNG fuel container must be visually inspected after a motor vehicle accident or fire and at least every 36 months or 36,000 miles, whichever comes first, for damage and deterioration, in accordance with the Federal Motor Vehicle Safety Standard number 304 compressed natural gas fuel containers.

The inspection shall be performed only by a qualified person in accordance with the container manufacturers established re-inspection criteria and the appropriate Compressed Gas Association, Inc. guideline. Retest dates must be marked on a label securely affixed to the container and overcoated with epoxy near the original test date. Reheat treatment or repair of rejected containers is not authorized.

The fuel containers expire and must be removed from service fifteen years from the date of manufacture. A label on the CNG tank states the first container inspection date and container expiration date.

If there is a question about the proper re-inspection of the CNG fuel container, contact the manufacturer as identified on the container label.

Container Retest Requirements (Canada)

Each container must be re-qualified by inspection or testing after a motor vehicle accident and at least every 36 months or 57 000 km whichever comes first, or at the time of any reinstallation in accordance with Canadian Standards Association B51–97, Part 2.

Retest dates must be marked on a label securely affixed to the container and overcoated with epoxy near the original test date. Reheat treatment or repair of rejected containers is not authorized.

The fuel containers expire and must be removed from service fifteen years from the date of manufacture. A label on the fuel container states the first container inspection date and container expiration date.

If there is a question about the proper re-inspection of the CNG fuel container, contact the manufacturer as identified on the container label.

MAINTENANCE SCHEDULE

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MAINTENANCE SCHEDULE

Required Maintenance Intervals

At Each Stop For Fuel

- Inspect the fuel receptacle O-ring for cracks, tears, and deformation before attaching the fuel station fill line to the fill port.

Every 15,500 Miles (25,000 km)

- Service the fuel receptacle O-ring.

Every 18,000 Miles (30,000 km)

- Replace the CNG high pressure filter element.

Every 36,000 Miles (57,000 km)

- Inspect each CNG fuel container. Each container must be re-qualified and inspected every 36 months or 36,000 Mile, whichever comes first.

Refer to "Maintenance Schedules" in your Owner's Manual for the complete maintenance schedule.

NOTE: All Required Maintenance Intervals are to be performed by certified technicians.

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INSTALLATION OF RADIO TRANSMITTING EQUIPMENT

Special design considerations are incorporated into this vehicle's electronic system to provide immunity to radio frequency signals. Mobile two-way radios and telephone equipment must be installed properly by trained personnel. The following must be observed during installation.

The positive power connection should be made directly to the battery and fused as close to the battery as possible. The negative power connection should be made to body sheet metal adjacent to the negative battery connection. This connection should not be fused.

Antennas for two-way radios should be mounted on the roof or the rear area of the vehicle. Care should be used in mounting antennas with magnet bases. Magnets may affect the accuracy or operation of the compass on vehicles so equipped.

The antenna cable should be as short as practical and routed away from the vehicle wiring when possible. Use only fully shielded coaxial cable.

Carefully match the antenna and cable to the radio to ensure a low Standing Wave Ratio (SWR).

Mobile radio equipment with output power greater than normal may require special precautions.

All installations should be checked for possible interference between the communications equipment and the vehicle's electronic systems.

RAM SERVICE

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