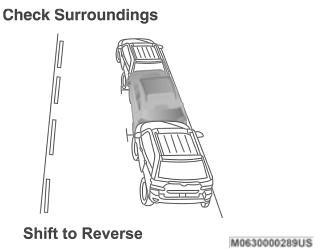
NOTE:
It is the driver's responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the gear selector into the REVERSE position.

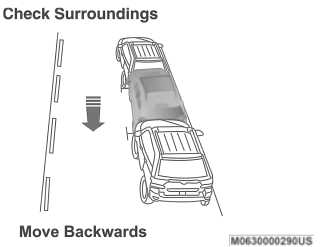


Check Surroundings — Shift To Reverse

When the driver places the gear selector into the REVERSE position, the system may instruct the driver to wait for steering to complete.

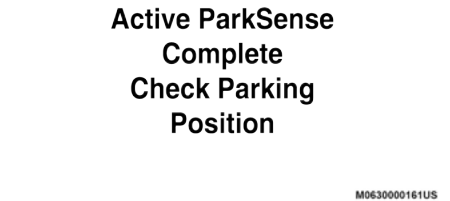
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.



Check Surroundings — Move Backward

The vehicle is now in the parallel park position. When the maneuver is complete, the driver will be instructed to check the vehicle's parking position. If the driver is satisfied with the vehicle position, they should shift to PARK. The "Active ParkSense Complete - Check Parking Position" message will be momentarily displayed.



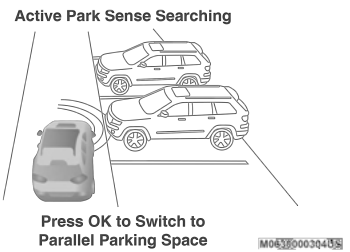
Active ParkSense Complete — Check Parking Position

5

Perpendicular Parking Space Assistance Operation/Display

When the ParkSense Active Park Assist system is enabled, the “Active ParkSense Searching - Push OK for Perpendicular Park” message will show in the instrument cluster display. Push the OK button on the left side steering wheel switch to change your parking space setting to a perpendicular maneuver. You may switch back to parallel parking if you desire.

Once the driver pushes OK for a perpendicular parking maneuver, the “Active ParkSense Searching - Push OK for Parallel Park” message will appear in the instrument cluster display.

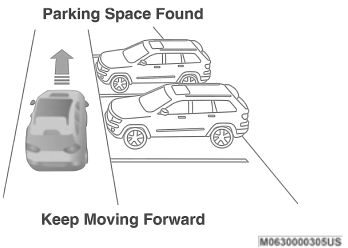


Active ParkSense Searching Display

NOTE:

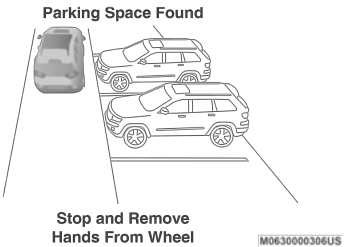
- When searching for a parking space, use the turn signal indicator to select which side of the vehicle you want to perform the parking maneuver. The ParkSense Active Park Assist system will automatically search for a parking space on the passenger's side of the vehicle if the turn signal is not activated.
- The driver needs to make sure that the selected parking space for the maneuver remains free and clear of any obstructions (e.g. pedestrians, bicycles, etc.).
- The driver is responsible to ensure that the selected parking space is suitable for the maneuver and free/clear of anything that may be overhanging or protruding into the parking space (e.g., ladders, tailgates, etc. from surrounding objects/vehicles).
- When seeking for a parking space, the driver should drive as parallel or perpendicular (depending on the type of maneuver) to other vehicles as possible.
- The feature will only indicate the last detected parking space (example: if passing multiple available parking spaces, the system will only indicate the last detected parking space for the maneuver).

When an available parking space has been found, and the vehicle is not in position, you will be instructed to move forward to position the vehicle for a perpendicular parking sequence.



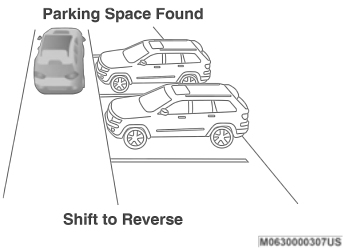
Parking Space Found — Keep Moving Forward

Once the vehicle is in position, you will be instructed to stop the vehicle's movement and remove your hands from the steering wheel.



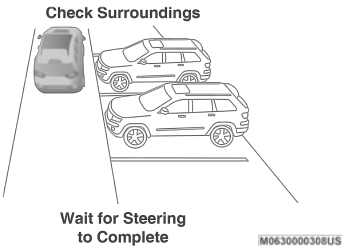
Parking Space Found — Stop And Remove Hands From Wheel

Once the vehicle is at a standstill with your hands removed from the steering wheel, you will be instructed to place the gear selector into the REVERSE position.



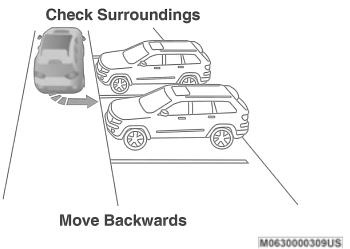
Parking Space Found — Shift To Reverse

When the driver places the gear selector into the REVERSE position, the system may instruct the driver to wait for steering to complete.



Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.

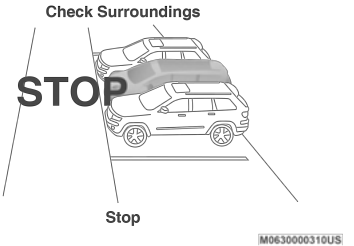


Check Surroundings — Move Backwards

NOTE:

- It is the driver's responsibility to use the brake and accelerator during the semi-automatic parking maneuver.
- When the system instructs the driver to remove their hands from the steering wheel, the driver should check their surroundings and begin to back up slowly.
- The ParkSense Active Park Assist system will allow a maximum of eight shifts between DRIVE or REVERSE. If the maneuver cannot be completed within eight shifts, the system will cancel and the instrument cluster display will instruct the driver to complete the maneuver manually.
- The system will cancel the maneuver if the vehicle speed exceeds 5 mph (7 km/h) during active steering guidance into the parking space. The system will provide a warning to the driver at 3 mph (5 km/h) that tells them to slow down. The driver is then responsible for completing the maneuver if the system is canceled.
- If the system is canceled during the maneuver for any reason, the driver must take control of the vehicle.

When the vehicle has reached the end of its backward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.

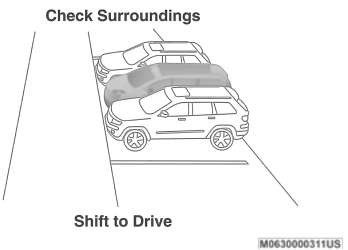


Check Surroundings — STOP

NOTE:

It is the driver's responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the gear selector into the DRIVE position.

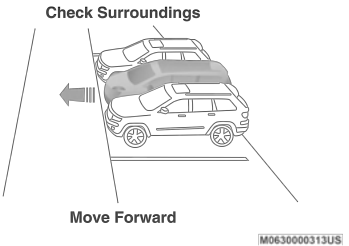


Check Surroundings — Shift To Drive

When the driver places the gear selector into the DRIVE position, the system may instruct the driver to wait for steering to complete.

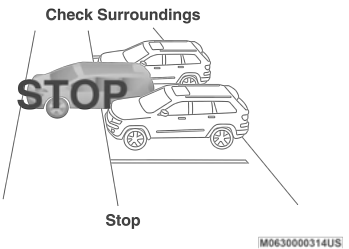
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move forward.



Check Surroundings — Move Forward

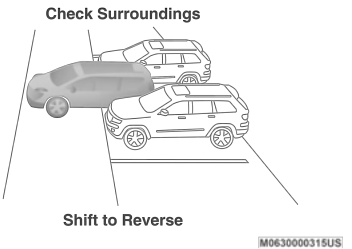
When the vehicle has reached the end of its forward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.



Check Surroundings — STOP

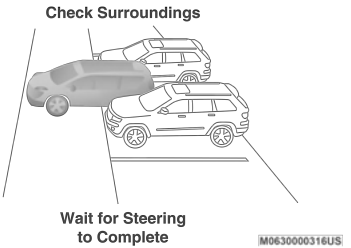
NOTE:
It is the driver's responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the gear selector into the REVERSE position.



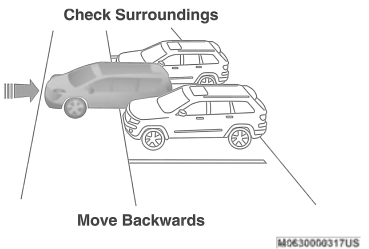
Check Surroundings — Shift To Reverse

When the driver places the gear selector into the REVERSE position, the system may instruct the driver to wait for steering to complete.



Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.



Check Surroundings — Move Backwards

Your vehicle is now in the perpendicular park position. When the maneuver is complete, the driver will be instructed to check the vehicle's parking position. If the driver is satisfied with the vehicle position, they should shift to PARK. The "Active ParkSense Complete - Check Parking Position" message will be momentarily displayed.

Active ParkSense Complete Check Parking Position

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Active ParkSense Complete — Check Parking Position

WARNING!

Drivers must be careful when performing parallel or perpendicular parking maneuvers even when using the ParkSense Active Park Assist system. Always check carefully behind and in front of your vehicle, look behind and in front of you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up and moving forward. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.

CAUTION!

- The ParkSense Active Park Assist system is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.

(Continued)

CAUTION! *(Continued)*

- The vehicle must be driven slowly when using the ParkSense Active Park Assist system in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using the ParkSense Active Park Assist system.

LANESENSE — IF EQUIPPED

LaneSense Operation

The LaneSense system is operational at speeds above 37 mph (60 km/h) and below 112 mph (180 km/h). It uses a forward looking camera to detect lane markings and measure vehicle position within the lane boundaries.

When both lane markings are detected and the driver unintentionally drifts out of the lane (no turn signal applied), the LaneSense system provides a haptic warning in the form of torque applied to the steering wheel to prompt the driver to remain within the lane boundaries. The LaneSense system will also provide a visual warning through the instrument cluster display to prompt the driver to remain within the lane boundaries.

The driver may manually override the haptic warning by applying torque into the steering wheel at any time.

When only a single lane marking is detected and the driver unintentionally drifts across that lane marking (no turn signal applied), the LaneSense system provides a visual warning through the instrument cluster display to prompt the driver to remain within the lane. When only a single lane marking is detected, a haptic (torque) warning will not be provided.

NOTE:
When operating conditions have been met, the LaneSense system will monitor if the driver's hands are on the steering wheel and provide an audible and visual warning to the driver when the driver's hands are not detected on the steering wheel. The system will cancel if the driver does not return their hands to the wheel.

Turning LaneSense On Or Off

The LaneSense button is located on the switch panel below the Uconnect display.

To turn the LaneSense system on, push the LaneSense button (LED turns off). A "LaneSense On" message is shown in the instrument cluster display.

Lane Sense On Message

To turn the LaneSense system off, push the LaneSense button again (LED turns on).

NOTE:
The LaneSense system will retain the last system state on or off from the last ignition cycle when the ignition is changed to the ON/RUN position.

5

LaneSense Warning Message

The LaneSense system will indicate the current lane drift condition through the instrument cluster display.

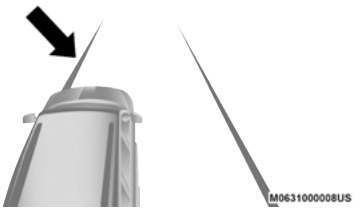
Instrument Cluster Display

When the LaneSense system is on, the lane lines are gray when both of the lane boundaries have not been detected and the LaneSense telltale is solid white.

System ON (Gray Lines) With White Telltale

Left Lane Departure — Only Left Lane Detected

- When the LaneSense system is on, the LaneSense Telltale is solid white only when the left lane marking has been detected and the system is ready to provide visual warnings in the instrument cluster display if an unintentional lane departure occurs on the left side.
- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the visual warning in the instrument cluster display will show the left inside lane line flashing yellow (on/off), while the outside lane line on the left of the display will remain solid yellow. The LaneSense telltale changes from solid white to flashing yellow.



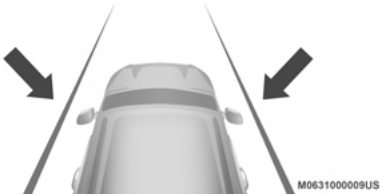
Lane Approached (Flashing Yellow Inside Line, Solid Yellow Outside Line/Flashing) With Yellow Telltale

NOTE:

The LaneSense system operates with similar behavior for a right lane departure when only the right lane marking has been detected.

Left Lane Departure — Both Lane Lines Detected

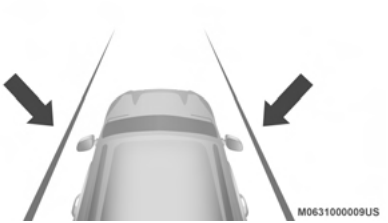
- When the LaneSense system is on, the lane lines turn from gray to white. The LaneSense telltale is solid green when both lane markings have been detected and the system is "armed" to provide visual warnings in the instrument cluster display and a torque warning in the steering wheel if an unintentional lane departure occurs.



Lanes Sensed (White Lines) With Green Telltale

- When the LaneSense system senses a lane drift situation, the left inside and outside lane lines turn solid yellow. The LaneSense telltale changes from solid green to solid yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

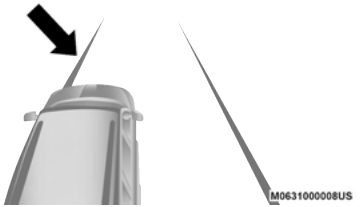
For example: If approaching the left side of the lane the steering wheel will turn to the right.



Lane Sensed (Solid Yellow Inside Line, Solid Yellow Outside Line) With Solid Yellow Telltale

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left inside lane line flashes yellow (on/off) while the left outside line remains solid yellow. The LaneSense telltale changes from solid yellow to flashing yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

For example: If approaching the left side of the lane the steering wheel will turn to the right.



Lane Approached (Flashing Yellow Inside Line, Solid Yellow Outside Line) With Flashing Yellow Telltale

NOTE:
The LaneSense system operates with similar behavior for a right lane departure.

Changing LaneSense Status

The LaneSense system has settings to adjust the intensity of the torque warning and the warning zone sensitivity (Early/Medium/Late) that you can configure through the Uconnect system screen. Refer to “Uconnect Settings” in “Multimedia” for further information.

NOTE:

- When enabled the system operates above 37 mph (60 km/h) and below 112 mph (180 km/h).
- Use of the turn signal suppresses the warnings.
- The system will not apply torque to the steering wheel whenever a safety system engages (Anti-Lock Brakes, Traction Control System, Electronic Stability Control, Forward Collision Warning, etc.).

PARKVIEW REAR BACK UP CAMERA

The ParkView Rear Back Up Camera allows you to see an on-screen image of the rear surroundings of your vehicle whenever the gear selector is put into REVERSE. The image will be displayed on the touchscreen display along with a caution note “Check Entire Surroundings” across the top of the screen. After five seconds, this note will disappear. The ParkView Rear Back Up Camera is located on the rear of the vehicle above the rear license plate.

NOTE:
The ParkView Rear Back Up Camera has programmable modes of operation that may be selected through the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” for further information.

ParkView Camera Location

When the vehicle is shifted out of REVERSE (with camera delay turned off), the rear camera mode is exited and the navigation or audio screen appears again.

When the vehicle is shifted out of REVERSE (with camera delay turned on), the camera image will continue to be displayed for up to 10 seconds after shifting out of REVERSE unless the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK or the ignition is placed in the OFF position.

A touchscreen button to disable display of the camera image is made available when the vehicle is not in REVERSE gear. Display of the camera image after shifting out of REVERSE can be disabled via a touchscreen button personalization entry in the camera settings menu.

When enabled, active guide lines are overlaid on the image to illustrate the width of the vehicle and its projected backup path based on the steering wheel position.

Different colored zones indicate the distance to the rear of the vehicle.

The following table shows the approximate distances for each zone:

Zone	Distance To The Rear Of The Vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 6.5 ft (30 cm - 2 m)
Green	6.5 ft or greater (2 m or greater)

NOTE:
If snow, ice, mud, or any foreign substance builds up on the camera lens, clean the lens, rinse with water, and dry with a soft cloth. Do not cover the lens.

WARNING!

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

CAUTION!

- To avoid vehicle damage, ParkView should only be used as a parking aid. The ParkView camera is unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using ParkView to be able to stop in time when an obstacle is seen. It is recommended that the driver look frequently over his/her shoulder when using ParkView.

SURROUND VIEW CAMERA SYSTEM — IF EQUIPPED

Your vehicle may be equipped with the Surround View Camera System that allows you to see an on-screen image of the surroundings and top view of your vehicle whenever the gear selector is put into REVERSE or a different view is selected through the "on screen soft buttons". The top view of the vehicle will show which doors are open. The image will be displayed on the touchscreen display along with a caution note “Check Entire Surroundings” across the top of the screen. After five seconds, this note will disappear. The Surround View Camera System is comprised of four sequential cameras located in the front grille, rear liftgate and side mirrors.

NOTE:
The Surround View Camera System has programmable settings that may be selected through the Uconnect System. Refer to “Uconnect Settings” in “Multimedia” for further information.

When the vehicle is shifted into REVERSE, the rear camera view and top view is the default view of the system.

When the vehicle is shifted out of REVERSE (with camera delay turned on), the camera image will continue to be displayed for up to 10 seconds after shifting out of REVERSE unless the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK or the ignition is placed in the OFF position. There is a touch screen button "X" to disable the display of the camera image.

When the vehicle is shifted out of REVERSE (with camera delay turned off), the Surround View Camera mode is exited and the last known screen appears again.

When enabled, active guide lines are overlaid on the image to illustrate the width of the vehicle, including the side view mirrors and its projected backup path based on the steering wheel position.

Different colored zones indicate the distance to the rear of the vehicle.

The following table shows the approximate distances for each zone:

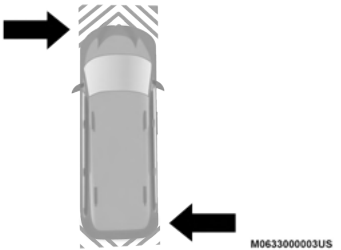
Zone	Distance To The Rear Of The Vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 6.5 ft (30 cm - 2 m)
Green	6.5 ft or greater (2 m or greater)

Modes Of Operation

"Manual" activation of the Surround View camera is selected by pressing the Surround View Camera soft key located in the "Controls" screen within the Uconnect system.

Top View

The Top view will show in the Uconnect System with Rear View and Front View in a split view display. There is integrated ParkSense arcs in the image at the front and rear of the vehicle. The arcs will change color from yellow to red corresponding the distance zones to the oncoming object.



ParkSense Arcs

NOTE:

- Front tires will be in image when the tires are turned.
- Due to wide angle cameras in mirror, the image will appear distorted.
- Top view will show which sliding doors are open.
- Open front doors will remove outside image.

Rear View

This is the Default view of the system in REVERSE and is always paired with the Top view of the vehicle with optional active guide lines for the projected path when enabled.

Rear Cross Path View

Pressing the Rear Cross Path soft key will give the driver a wider angle view of the rear camera system. The Top view will be disabled when this is selected

Front View

The Front view will show you what is immediately in front of the vehicle and is always paired with the Top view of the vehicle.

Front Cross Path View

Pressing the Front Cross Path soft key will give the driver a wider angle view of the front camera system. The Top view will be disabled when this is selected.

Deactivation

The system can be deactivated in the following conditions:

- The speed of the vehicle reaches greater than 8 mph (13 km/h).
- The vehicle shifted into PARK from a different gear.
- If the vehicle is in any gear other than REVERSE, press the "X" button.
- The camera delay system is turned off manually through the Uconnect settings menu. Refer to "Uconnect Settings" in "Multimedia" for further information.

NOTE:

- If snow, ice, mud, or any foreign substance builds up on the camera lenses, clean the lenses, rinse with water, and dry with a soft cloth. Do not cover the lenses.
- If a malfunction with the system has occurred, see an authorized dealer.

WARNING!

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

CAUTION!

- To avoid vehicle damage, Surround View should only be used as a parking aid. The Surround View camera is unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using Surround View to be able to stop in time when an obstacle is seen. It is recommended that the driver look frequently over his/her shoulder when using Surround View.

REFUELING THE VEHICLE

There is no fuel filler cap. Two flapper doors inside the pipe seal the system.

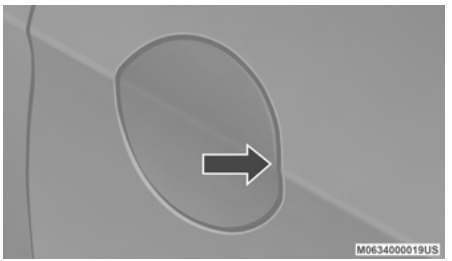
WARNING!

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

CAUTION!

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

1. Put the vehicle in park and switch the ignition off.
2. Push the center-rear edge of the fuel filler door (3 o'clock position) and release to open.



Fuel Filler Door

3. Insert the fuel nozzle fully into the filler pipe, the nozzle opens and holds both flapper doors while refueling.
4. When the fuel nozzle "clicks" or shuts off, the fuel tank is full.
5. Keep the nozzle in the filler for five seconds after nozzle clicks to allow fuel to drain from the nozzle.
6. Remove the fuel filler nozzle.
7. To close the fuel filler door, push the center-rear edge (3 o'clock position) of the fuel filler door and then release. The fuel filler door will latch closed.

NOTE:

- In certain cold conditions, ice may prevent the fuel filler door from opening. If this occurs, lightly push on the fuel filler door around the perimeter to break the ice build up.
- Take care to open both flappers with the funnel to avoid spills.

VEHICLE LOADING

Certification Label

As required by National Highway Traffic Safety Administration regulations, your vehicle has a certification label affixed to the driver's side door or pillar.

This label contains the month and year of manufacture, Gross Vehicle Weight Rating (GVWR), Gross Axle Weight Rating (GAWR) front and rear, and Vehicle Identification Number (VIN). A Month-Day-Hour (MDH) number is included on this label and indicates the Month, Day and Hour of manufacture. The bar code that appears on the bottom of the label is your VIN.

Gross Vehicle Weight Rating (GVWR)

The GVWR is the total permissible weight of your vehicle including driver, passengers, vehicle, options and cargo. The label also specifies maximum capacities of front and rear axle systems (GAWR). Total load must be limited so GVWR and front and rear GAWR are not exceeded.

Payload

The payload of a vehicle is defined as the allowable load weight a truck can carry, including the weight of the driver, all passengers, options and cargo.

Gross Axle Weight Rating (GAWR)

The GAWR is the maximum permissible load on the front and rear axles. The load must be distributed in the cargo area so that the GAWR of each axle is not exceeded.

Each axle GAWR is determined by the components in the system with the lowest load carrying capacity (axle, springs, tires or wheels). Heavier axles or suspension components sometimes specified by purchasers for increased durability does not necessarily increase the vehicle's GVWR.

Tire Size

The tire size on the Vehicle Certification Label represents the actual tire size on your vehicle. Replacement tires must be equal to the load capacity of this tire size.

Rim Size

This is the rim size that is appropriate for the tire size listed.

Inflation Pressure

This is the cold tire inflation pressure for your vehicle for all loading conditions up to full GAWR.

Curb Weight

The curb weight of a vehicle is defined as the total weight of the vehicle with all fluids, including vehicle fuel, at full capacity conditions, and with no occupants or cargo loaded into the vehicle. The front and rear curb weight values are determined by weighing your vehicle on a commercial scale before any occupants or cargo are added.

Loading

The actual total weight and the weight of the front and rear of your vehicle at the ground can best be determined by weighing it when it is loaded and ready for operation.

The entire vehicle should first be weighed on a commercial scale to ensure that the GVWR has not been exceeded. The weight on the front and rear of the vehicle should then be determined separately to be sure that the load is properly distributed over the front and rear axle. Weighing the vehicle may show that the GAWR of either the front or rear axles has been exceeded but the total load is within the specified GVWR. If so, weight must be shifted from front to rear or rear to front as appropriate until the specified weight limitations are met. Store the heavier items down low and be sure that the weight is distributed equally. Stow all loose items securely before driving.

Improper weight distributions can have an adverse effect on the way your vehicle steers and handles and the way the brakes operate.

CAUTION!

Do not load your vehicle any heavier than the GVWR or the maximum front and rear GAWR. If you do, parts on your vehicle can break, or it can change the way your vehicle handles. This could cause you to lose control. Also overloading can shorten the life of your vehicle.

TRAILER TOWING

In this section you will find safety tips and information on limits to the type of towing you can reasonably do with your vehicle. Before towing a trailer, carefully review this information to tow your load as efficiently and safely as possible.

To maintain the New Vehicle Limited Warranty coverage, follow the requirements and recommendations in this manual concerning vehicles used for trailer towing.

Common Towing Definitions

The following trailer towing related definitions will assist you in understanding the following information:

Gross Vehicle Weight Rating (GVWR)

The Gross vehicle Weight Rating (GVWR) is the total allowable weight of your vehicle. This includes driver, passengers, cargo and tongue weight. The total load must be limited so that you do not exceed the GVWR. Refer to “Vehicle Loading/Vehicle Certification Label” in this chapter for further information.

Gross Trailer Weight (GTW)

The Gross Trailer Weight (GTW) is the weight of the trailer plus the weight of all cargo, consumables and equipment (permanent or temporary) loaded in or on the trailer in its "loaded and ready for operation" condition.

The recommended way to measure GTW is to put your fully loaded trailer on a vehicle scale. The entire weight of the trailer must be supported by the scale.

Gross Axle Weight Rating (GAWR)

The Gross Axle Weight Rating (GAWR) is the maximum capacity of the front and rear axles. Distribute the load over the front and rear axles evenly. Make sure that you do not exceed either front or rear GAWR. Refer to "Vehicle Loading/ Vehicle Certification Label" in this chapter for further information.

WARNING!

It is important that you do not exceed the maximum front or rear GAWR. A dangerous driving condition can result if either rating is exceeded. You could lose control of the vehicle and have a collision.

Tongue Weight (TW)

The tongue weight is the downward force exerted on the hitch ball by the trailer. You must consider this as part of the load on your vehicle.

Trailer Frontal Area

The frontal area is the maximum height multiplied by the maximum width of the front of a trailer.

Trailer Sway Control

The Trailer Sway Control can be a mechanical telescoping link that can be installed between the hitch receiver and the trailer tongue that typically provides adjustable friction associated with the telescoping motion to dampen any unwanted trailer swaying motions while traveling.

If equipped, the electronic Trailer Sway Control (TSC) recognizes a swaying trailer and automatically applies individual wheel brakes and/or reduces engine power to attempt to eliminate the trailer sway.

Weight-Carrying Hitch

A weight-carrying hitch supports the trailer tongue weight, just as if it were luggage located at a hitch ball or some other connecting point of the vehicle. These kinds of hitches are the most popular on the market today and they are commonly used to tow small and medium sized trailers.

Weight-Distributing Hitch

A weight-distributing system works by applying leverage through spring (load) bars. They are typically used for heavier loads to distribute trailer tongue weight to the tow vehicle's front axle and the trailer axle(s). When used in accordance with the manufacturer's directions, it provides for a more level ride, offering more consistent steering and brake control thereby enhancing towing safety. The addition of a friction/hydraulic sway control also dampens sway caused by traffic and crosswinds and contributes positively to tow vehicle and trailer stability. Trailer sway control and a weight distributing (load equalizing) hitch are recommended for heavier Tongue Weights (TW) and may be required depending on vehicle and trailer configuration/loading to comply with Gross Axle Weight Rating (GAWR) requirements.

WARNING!

- An improperly adjusted Weight Distributing Hitch system may reduce handling, stability, braking performance, and could result in a collision.
- Weight Distributing Systems may not be compatible with Surge Brake Couplers. Consult with your hitch and trailer manufacturer or a reputable Recreational Vehicle dealer for additional information.

Trailer Hitch Classification

The following chart provides the industry standard for the maximum trailer weight a given trailer hitch class can tow and should be used to assist you in selecting the correct trailer hitch for your intended towing condition.

Trailer Hitch Classification Definitions	
Class	**Max. Trailer Hitch Industry Standards**
Class I - Light Duty	2,000 lbs (907 kg)
Class II - Medium Duty	3,500 lbs (1,587 kg)
Class III - Heavy Duty	5,000 lbs (2,267 kg)
Class IV - Extra Heavy Duty	10,000 lbs (4,535 kg)
Refer to the “Trailer Towing Weights (Maximum Trailer Weight Ratings)” chart for the Maximum Gross Trailer Weight (GTW) towable for your given drivetrain.	
All trailer hitches should be professionally installed on your vehicle.	

Trailer Towing Weights (Maximum Trailer Weight Ratings)

The following chart provides the maximum trailer weight ratings towable for your given drivetrain.

Engine/ Transmission	Trailer Tow Package	GCWR (Gross Combined Weight Rating)	Frontal Area	Max. GTW (Gross Trailer Weight)	Max. Tongue Weight
3.6L/Automatic	Yes	8,600 lbs (3,900 kg)	40 sq ft (3.72 sq m)	3,600 lbs (1,632 kg)	360 lbs (163 kg)
	No	6,500 lbs (2,948 kg)	40 sq ft (3.72 sq m)	1500 lbs (680 kg)	149 lbs (67 kg)
Refer to local laws for maximum trailer towing speeds.					

NOTE:
The trailer tongue weight must be considered as part of the combined weight of occupants and cargo, and should never exceed the weight referenced on the Tire and Loading Information placard. Refer to “Tires” in “Servicing And Maintenance” for further information.

Vehicle Loading Chart

Follow these steps to determine the total weight the vehicle can carry.

1. Determine the cargo capacity of your vehicle.
   - Load Capacity = GVWR – Curb (weight of vehicle full fluids NO Occupants).
2. Determine occupant count.
   - For calculation purposes, average weight of an occupant is 150 lb (68 kg).

EXAMPLE:

- GVWR = 6005 lbs (2723 kg)
- CURB = 4500 lbs (2041 kg)
- Load Capacity = GVWR – CURB = 6005 lbs (2723 kg) - 4500 lbs (2041 kg) = 1505 lbs (682 kg)

4 Occupants (at 150 lbs [68 kg]) + Max Trailer =

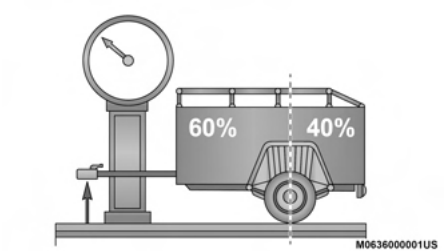
- 1505 lbs (682 kg) – 600 lbs (272 kg) (4 x 150 lbs [68 kg]) – 360 lbs (163 kg) (10% of 3600 lbs [1632 kg]) = 545 lbs (247 kg) of cargo in vehicle

Number Of Persons / Weight Of Occupants	Max Cargo No Trailer	Tongue Load, Max Trailer	Max Cargo With Max Trailer 360 lb (136 kg) Tongue Load
 **2 People / 300 lbs (136) kg**	1205 lbs (546 kg)	1205 lbs (546 kg) – 360 lbs (136 kg) = 845 lbs (383 kg)	845 lbs (383 kg)
 **4 people / 600 lbs (272 kg)**	955 lbs (433 kg)	955 lbs (433 kg) – 360 lbs (136 kg) = 545 lbs (247 kg)	545 lbs (247 kg)
 **7 people / 1050 lbs (476 kg)**	455 lbs (206 kg)	455 lbs (206 kg) – 360 lbs (163 kg) = 95 lbs (43 kg)	95 lbs (43 kg)

- Make sure loading does not exceed GAWR of front or rear axles.
- GAWR is found on sticker in Driver's Side Door Jamb.

Trailer And Tongue Weight

Never exceed the maximum tongue weight stamped on your bumper or trailer hitch.



Weight Distribution

Consider the following items when computing the weight on the rear axle of the vehicle:

- The tongue weight of the trailer.
- The weight of any other type of cargo or equipment put in or on your vehicle.
- The weight of the driver and all passengers.

NOTE:
Remember that everything put into or on the trailer adds to the load on your vehicle. Also, additional factory-installed options or dealer-installed options must be considered as part of the total load on your vehicle. Refer to the "Tire And Loading Information" placard for the maximum combined weight of occupants and cargo for your vehicle.

Towing Requirements

To promote proper break-in of your new vehicle drivetrain components, the following guidelines are recommended.

CAUTION!

- Do not tow a trailer at all during the first 500 miles (805 km) the new vehicle is driven. The engine, axle or other parts could be damaged.
- Then, during the first 500 miles (805 km) that a trailer is towed, do not drive over 50 mph (80 km/h) and do not make starts at full throttle. This helps the engine and other parts of the vehicle wear in at the heavier loads.

Perform the maintenance listed in the "Scheduled Servicing". Refer to "Scheduled Servicing" in "Servicing And Maintenance" for the proper maintenance intervals. When towing a trailer, never exceed the GAWR or GCWR ratings.

WARNING!

- Make certain that the load is secured in the trailer and will not shift during travel. When trailering cargo that is not fully secured, dynamic load shifts can occur that may be difficult for the driver to control. You could lose control of your vehicle and have a collision.
- When hauling cargo or towing a trailer, do not overload your vehicle or trailer. Overloading can cause a loss of control, poor performance or damage to brakes, axle, engine, transmission, steering, suspension, chassis structure or tires.
- Safety chains must always be used between your vehicle and trailer. Always connect the chains to the hook retainers of the vehicle hitch. Cross the chains under the trailer tongue and allow enough slack for turning corners.

(Continued)

WARNING! *(Continued)*

- Vehicles with trailers should not be parked on a grade. When parking, apply the parking brake on the tow vehicle. Put the tow vehicle transmission in PARK. For four-wheel drive vehicles, make sure the transfer case is not in NEUTRAL. Always, block or "chock" the trailer wheels.
- GCWR must not be exceeded.
- **Total weight must be distributed between the tow vehicle and the trailer such that the following four ratings are not exceeded**:
  - GVWR
  - GTW
  - GAWR
  - Tongue weight rating for the trailer hitch utilized.

Towing Requirements — Tires

- Do not attempt to tow a trailer while using a compact spare tire.
- Do not drive more than 50 mph (80 km/h) when towing while using a full size spare tire.
- Proper tire inflation pressures are essential to the safe and satisfactory operation of your vehicle. Refer to “Tires” in “Servicing And Maintenance” for proper tire inflation procedures.
- Check the trailer tires for proper tire inflation pressures before trailer usage.
- Check for signs of tire wear or visible tire damage before towing a trailer. Refer to “Tires” in “Servicing And Maintenance” for the proper inspection procedure.
- When replacing tires, refer to “Tires” in “Servicing And Maintenance” for the proper tire replacement procedures. Replacing tires with a higher load carrying capacity will not increase the vehicle's GVWR and GAWR limits.

Towing Requirements — Trailer Brakes

- Do **not** interconnect the hydraulic brake system or vacuum system of your vehicle with that of the trailer. This could cause inadequate braking and possible personal injury.
- An electronically actuated trailer brake controller is required when towing a trailer with electronically actuated brakes. When towing a trailer equipped with a hydraulic surge actuated brake system, an electronic brake controller is not required.
- Trailer brakes are recommended for trailers over 1,000 lbs (453 kg) and required for trailers in excess of 2,000 lbs (907 kg).

WARNING!

- Do not connect trailer brakes to your vehicle's hydraulic brake lines. It can overload your brake system and cause it to fail. You might not have brakes when you need them and could have an accident.
- Towing any trailer will increase your stopping distance. When towing, you should allow for additional space between your vehicle and the vehicle in front of you. Failure to do so could result in an accident.

CAUTION!

If the trailer weighs more than 1,000 lbs (453 kg) loaded, it should have its own brakes and they should be of adequate capacity. Failure to do this could lead to accelerated brake lining wear, higher brake pedal effort, and longer stopping distances.

Towing Requirements — Trailer Lights And Wiring

Whenever you pull a trailer, regardless of the trailer size, stoplights and turn signals on the trailer are required for motoring safety.

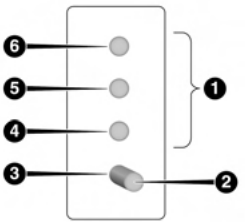
The Trailer Tow Package may include a four and seven-pin wiring harness. Use a factory approved trailer harness and connector.

NOTE:
Do not cut or splice wiring into the vehicle's wiring harness.

The electrical connections are all complete to the vehicle but you must mate the harness to a trailer connector. Refer to the following illustrations.

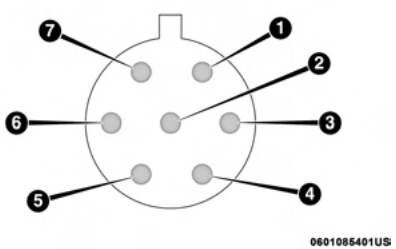
NOTE:

- Disconnect trailer wiring connector from the vehicle before launching a boat (or any other device plugged into vehicle's electrical connect) into water.
- Be sure to reconnect once clear from water area.



Four-Pin Connector

1 — Female Pins
2 — Male Pin
3 — Ground
4 — Park
5 — Left Stop/Turn
6 — Right Stop/Turn



Seven-Pin Connector

1 — Battery
2 — Backup Lamps
3 — Right Stop/Turn
4 — Electric Brakes
5 — Ground
6 — Left Stop/Turn
7 — Running Lamps

Towing Tips

Before setting out on a trip, practice turning, stopping, and backing up the trailer in an area located away from heavy traffic.

Automatic Transmission

Select the DRIVE range when towing. The transmission controls include a drive strategy to avoid frequent shifting when towing. For increased engine braking on steep downhill grades, select the LOW range.

Speed Control — If Equipped

- Do not use on hilly terrain or with heavy loads.
- When using the Speed Control, if you experience speed drops greater than 10 mph (16 km/h), disengage until you can get back to cruising speed.
- Use Speed Control in flat terrain and with light loads to maximize fuel efficiency.

Cooling System

To reduce potential for engine and transmission overheating, take the following actions:

City Driving

In city traffic — while stopped, place the transmission in NEUTRAL (N), but do not increase engine idle speed.

Highway Driving

- Reduce speed.
- Temporarily turn off air conditioning.

RECREATIONAL TOWING (BEHIND MOTORHOME, ETC.)

Towing This Vehicle Behind Another Vehicle

Towing Condition	Wheel OFF The Ground	All Models
Flat Tow	NONE	**NOT ALLOWED**
Dolly Tow	Front	OK
	Rear	**NOT ALLOWED**
On Trailer	ALL	OK

NOTE:

- To avoid inadvertent Electric Park Brake engagement, you must ensure that the Auto Park Brake feature is disabled before towing this vehicle (if rear wheels are on the ground). The Auto Park Brake feature is enabled or disabled via the customer programmable features in the Uconnect Settings.
- When towing your vehicle, always follow applicable state and provincial laws. Contact state and provincial Highway Safety offices for additional details.
- If your vehicle is disabled and in need of commercial towing service, please refer to "Towing A Disabled Vehicle" in "In Case Of Emergency" for further information.

Recreational Towing — All Models

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

CAUTION!

- DO NOT flat tow this vehicle. Damage to the drivetrain will result. If this vehicle requires towing, make sure the drive wheels are OFF the ground.
- Ensure that the Electric Park Brake is released, and remains released, while being towed.

(Continued)

CAUTION! *(Continued)*

- 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.

5

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

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. Apply the park brake.
4. Place the transmission in PARK.
5. Turn the ignition OFF.
6. Properly secure the front wheels to the dolly, following the dolly manufacturer's instructions.
7. Turn the ignition to the ON/RUN mode, but do not start the vehicle.
8. Press and hold the brake pedal.
9. Release the park brake.
10. Turn the ignition OFF.
11. Release the brake pedal.

DRIVING TIPS

Driving On Slippery Surfaces

Information in this section will aid in safe controlled launches in adverse conditions.

Acceleration

Rapid acceleration on snow covered, wet, or other slippery surfaces may cause the driving wheels to pull erratically to the right or left. This phenomenon occurs when there is a difference in the surface traction under the front (driving) wheels.

WARNING!
Rapid acceleration on slippery surfaces is dangerous. Unequal traction can cause sudden pulling of the front wheels. You could lose control of the vehicle and possibly have a collision. Accelerate slowly and carefully whenever there is likely to be poor traction (ice, snow, wet, mud, loose sand, etc.).

Traction

When driving on wet or slushy roads, it is possible for a wedge of water to build up between the tire and road surface. This is hydroplaning and may cause partial or complete loss of vehicle control and stopping ability. To reduce this possibility, the following precautions should be observed:

- Slow down during rainstorms or when the roads are slushy.
- Slow down if the road has standing water or puddles.
- Replace the tires when tread wear indicators first become visible.
- Keep tires properly inflated.
- Maintain sufficient distance between your vehicle and the vehicle in front of you to avoid a collision in a sudden stop.

Driving Through Water

Driving through water more than a few inches/centimeters deep will require extra caution to ensure safety and prevent damage to your vehicle.

Flowing/Rising Water

WARNING!

Do not drive on or across a road or path where water is flowing and/or rising (as in storm run-off). Flowing water can wear away the road or path's surface and cause your vehicle to sink into deeper water. Furthermore, flowing and/or rising water can carry your vehicle away swiftly. Failure to follow this warning may result in injuries that are serious or fatal to you, your passengers, and others around you.

Shallow Standing Water

Although your vehicle is capable of driving through shallow standing water, consider the following Warnings and Cautions before doing so.

WARNING!

- Driving through standing water limits your vehicle's traction capabilities. Do not exceed 5 mph (8 km/h) when driving through standing water.

(Continued)

WARNING! *(Continued)*

- Driving through standing water limits your vehicle's braking capabilities, which increases stopping distances. Therefore, after driving through standing water, drive slowly and lightly press on the brake pedal several times to dry the brakes.
- Failure to follow these warnings may result in injuries that are serious or fatal to you, your passengers, and others around you.

CAUTION!

- Always check the depth of the standing water before driving through it. Never drive through standing water that is deeper than the bottom of the tire rims mounted on the vehicle.
- Determine the condition of the road or the path that is under water and if there are any obstacles in the way before driving through the standing water.

(Continued)

CAUTION! *(Continued)*

- Do not exceed 5 mph (8 km/h) when driving through standing water. This will minimize wave effects.
- Driving through standing water may cause damage to your vehicle's drivetrain components. Always inspect your vehicle's fluids (i.e., engine oil, transmission, axle, etc.) for signs of contamination (i.e., fluid that is milky or foamy in appearance) after driving through standing water. Do not continue to operate the vehicle if any fluid appears contaminated, as this may result in further damage. Such damage is not covered by the New Vehicle Limited Warranty.
- Getting water inside your vehicle's engine can cause it to lock up and stall out, and cause serious internal damage to the engine. Such damage is not covered by the New Vehicle Limited Warranty.

HAZARD WARNING FLASHERS

The Hazard Warning Flashers switch is located in the lower center area of the instrument panel.

Push the switch to turn on the Hazard Warning Flashers. When the switch is activated, all directional turn signals will flash on and off to warn oncoming traffic of an emergency. Push the switch a second time to turn off the Hazard Warning Flashers.

This is an emergency warning system and it should not be used when the vehicle is in motion. Use it when your vehicle is disabled and it is creating a safety hazard for other motorists.

When you must leave the vehicle to seek assistance, the Hazard Warning Flashers will continue to operate even though the ignition is placed in the OFF position.

NOTE:
With extended use, the Hazard Warning Flashers may wear down your battery.

ASSIST AND SOS MIRROR — IF EQUIPPED

Assist And SOS Mirror

1 — SOS Button
2 — ASSIST Button

If equipped, the rearview mirror contains an ASSIST and a SOS button.

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

NOTE:

- Your vehicle may be transmitting data as authorized by the subscriber.
- The SOS and ASSIST buttons will only function if you are connected to an operable LTE (voice/data) or 4G (data) network. Other Uconnect services will only be operable if your SiriusXM Guardian™ service is active and you are connected to an operable LTE (voice/data) or 4G (data) network.

ASSIST Call

The ASSIST Button is used to automatically connect you to any one of the following support centers:

- Roadside Assistance – If you get a flat tire, or need a tow, just push the ASSIST button and you will be connected to a representative for assistance. Roadside Assistance will know what vehicle is being driven and its location. Additional fees may apply for roadside assistance.
- SiriusXM Guardian™ Customer Care – In-vehicle support for SiriusXM Guardian™.
- Vehicle Customer Care – Total support for all other vehicle issues.

SOS Call

1. Push the SOS Call button on the Rearview Mirror.

NOTE:
In case the SOS Call button is pushed in error, there will be a 10 second delay before the SOS Call system initiates a call to a SOS operator. To cancel the SOS Call connection, push the SOS call button on the Rearview Mirror or press the cancellation button on the Device Screen. Termination of the SOS Call will turn off the green LED light on the Rearview Mirror.

2. The LED light located between the ASSIST and SOS buttons on the Rearview Mirror will turn green once a connection to a SOS operator has been made.
3. Once a connection between the vehicle and a SOS operator is made, the SOS Call system may transmit the following important vehicle information to a SOS operator:
   - Indication that the occupant placed a SOS Call
   - The vehicle brand
   - The last known GPS coordinates of the vehicle
4. You should be able to speak with the SOS operator through the vehicle audio system to determine if additional assistance is needed.

WARNING!

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

NOTE:

- Your vehicle may be transmitting data as authorized by the subscriber.
- Once a connection is made between the vehicle's SOS Call system and the SOS operator, the SOS operator may be able to open a voice connection with the vehicle to determine if additional assistance is needed. Once the SOS operator opens a voice connection with the vehicle's SOS Call system, the operator should be able to speak with you or other vehicle occupants and hear

sounds occurring in the vehicle. The vehicle's SOS Call system will attempt to remain connected with the SOS operator until the SOS operator terminates the connection.

5. The SOS operator may attempt to contact appropriate emergency responders and provide them with important vehicle information and GPS coordinates.

WARNING!

- If anyone in the vehicle could be in danger (e.g., fire or smoke is visible, dangerous road conditions or location), do not wait for voice contact from an Emergency Services Agent. All occupants should exit the vehicle immediately and move to a safe location.
- Never place anything on or near the vehicle's operable network and GPS antennas. You could prevent operable network and GPS signal reception, which can prevent your vehicle from placing an emergency call. An operable network and GPS signal reception is required for the SOS Call system to function properly.

(Continued)

WARNING! *(Continued)*

- The SOS Call system is embedded into the vehicle's electrical system. Do not add aftermarket electrical equipment to the vehicle's electrical system. This may prevent your vehicle from sending a signal to initiate an emergency call. To avoid interference that can cause the SOS Call system to fail, never add aftermarket equipment (e.g., two-way mobile radio, CB radio, data recorder, etc.) to your vehicle's electrical system or modify the antennas on your vehicle. IF YOUR VEHICLE LOSES BATTERY POWER FOR ANY REASON (INCLUDING DURING OR AFTER AN ACCIDENT), THE UCONNECT FEATURES, APPS AND SERVICES, AMONG OTHERS, WILL NOT OPERATE.
- Modifications to any part of the SOS Call system could cause the air bag system to fail when you need it. You could be injured if the air bag system is not there to help protect you.

SOS Call System Limitations

Vehicles sold in Mexico **DO NOT** have SOS Call system capabilities.

SOS or other emergency line operators in Mexico may not answer or respond to SOS system calls.

If the SOS Call system detects a malfunction, any of the following may occur at the time the malfunction is detected, and at the beginning of each ignition cycle:

- The Rearview Mirror light located between the ASSIST and SOS buttons will continuously be illuminated red.
- The Device Screen will display the following message "Vehicle device requires service. Please contact your dealer."
- An In-Vehicle Audio message will state "Vehicle device requires service. Please contact your dealer."

WARNING!

- Ignoring the Rearview Mirror light could mean you will not have SOS Call services. If the Rearview Mirror light is illuminated, have an authorized dealer service the SOS Call system immediately.
- The Occupant Restraint Control module turns on the air bag Warning Light on the instrument panel if a malfunction in any part of the system is detected. If the Air Bag Warning Light is illuminated, have an authorized dealer service the Occupant Restraint Control system immediately.

Even if the SOS Call system is fully functional, factors beyond FCA US LLC's control may prevent or stop the SOS Call system operation. These include, but are not limited to, the following factors:

- Delayed accessories mode is active
- The ignition is in the OFF position
- The vehicle's electrical systems are not intact
- The SOS Call system software and/or hardware are damaged during a crash
- The vehicle battery loses power or becomes disconnected during a vehicle crash
- LTE (voice/data) or 4G (data) network and/or Global Positioning Satellite signals are unavailable or obstructed
- Equipment malfunction at the SOS operator facility
- Operator error by the SOS operator
- LTE (voice/data) or 4G (data) network congestion
- Weather
- Buildings, structures, geographic terrain, or tunnels

WARNING!

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

NOTE:

- Your vehicle may be transmitting data as authorized by the subscriber.
- Never place anything on or near the vehicle's LTE (voice/data) or 4G (data) and GPS antennas. You could prevent LTE (voice/data) or 4G (data) and GPS signal reception, which can prevent your vehicle from placing an emergency call. An operable LTE (voice/data) or 4G (data) network connection and a GPS signal is required for the SOS Call system to function properly.

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

CAUTION!

To avoid damage to the mirror during cleaning, never spray any cleaning solution directly onto the mirror. Apply the solution onto a clean cloth and wipe the mirror clean.

General Information

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

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

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

Le présent appareil est conforme aux CNR d`Innovation, Science and Economic Development applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La operación de este equipo está sujeta a las siguientes dos condiciones:

1. es posible que este equipo o dispositivo no cause interferencia perjudicial y
2. este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

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

BULB REPLACEMENT

Replacement Bulbs

Interior Bulbs	
Lamps	**Bulb Number**
Center & Rear Dome Lamp	LED (Serviced At An Authorized Dealer)
Center & Rear Reading Lamps	LED (Serviced At An Authorized Dealer)
Front Door Courtesy Lamp	LED (Serviced At An Authorized Dealer)
Front Header Reading Lamps – If Equipped	LED (Serviced At An Authorized Dealer)

Interior Bulbs	
Lamps	**Bulb Number**
Instrument Cluster Lamps	LED (Serviced At An Authorized Dealer)
Liftgate Lamp(s)	LED (Serviced At An Authorized Dealer)
Overhead Console Reading Lamps	LED (Serviced At An Authorized Dealer)
Removable Console Lamp – If Equipped	LED (Serviced At An Authorized Dealer)
Visor Vanity Lamps	6501966

Exterior Bulbs	
Lamps	**Bulb Number**
High Intensity Discharge Headlamp	Low Beam - D3S High Beam - 9005LL
Halogen Headlamp	Reflector Low Beam - H11LL Projector Halogen Low Beam - 9005HL+ All High Beams - 9005LL
Dedicated Daytime Running Lamp (If Equipped)	LED (Serviced At An Authorized Dealer)
Front Turn Signal Lamp	PWY24WNA (If Halogen Headlamp Equipped) PWY24WSV (If HID Headlamp Equipped)
Side Marker Lamp	W3W
Front Park Lamp	PWY24WNA (If Bulb Equipped) LED (Serviced At An Authorized Dealer)
Front Fog Lamp	H11LL

Exterior Bulbs	
Lamps	**Bulb Number**
LED Front Fog Lamp	LED (Serviced At An Authorized Dealer)
Center High Mounted Stop Lamp (CHMSL)	LED (Serviced At An Authorized Dealer)
Stop/Turn Signal Lamp	W21/5WLL
Rear Tail/Side Marker Lamp	Rear Tail - Body Side - W21/5WLL (If Bulb Equipped); LED (Serviced At An Authorized Dealer) Rear Tail - Liftgate - W5WLL (If Bulb Equipped); LED (Serviced At An Authorized Dealer) Rear Side Marker: W3W
Backup Lamp	W21W
License Lamp	LED (Serviced At An Authorized Dealer)

Replacing Exterior Bulbs

High Intensity Discharge (HID) Headlamps — If Equipped

The headlamps contain a type of high voltage discharge light source. High voltage can remain in the circuit even with the headlamp switch off. Because of this, you should not attempt to service a HID headlamp light source yourself. If an HID headlamp light source fails, take your vehicle to an authorized dealer for service.

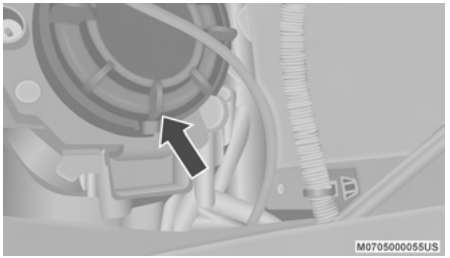
NOTE:
On vehicles equipped with HID headlamps, when the headlamps are turned on, there is a blue hue to the lights. This diminishes and becomes more white after approximately 10 seconds, as the system charges.

WARNING!

A transient high voltage occurs at the bulb sockets of HID headlamps when the headlamp switch is turned ON. It may cause serious electrical shock or electrocution if not serviced properly. See an authorized dealer for service.

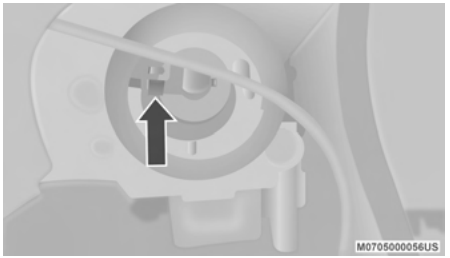
Halogen Headlamps

1. Reach behind the headlamp housing to access the headlamp bulb cap.
2. Firmly grasp the headlamp bulb cap and rotate it counterclockwise to unlock it.



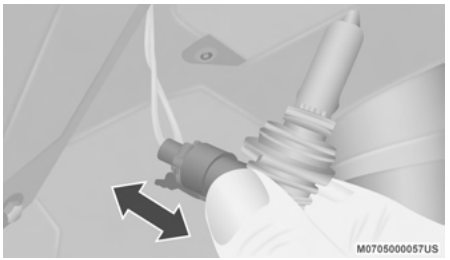
Headlamp Bulb Cap

3. Firmly grasp the headlamp bulb socket assembly and rotate counterclockwise to remove from the housing.



Headlamp Bulb Socket

4. Disconnect the bulb from the electrical connector and then connect the replacement bulb.



Headlamp Bulb

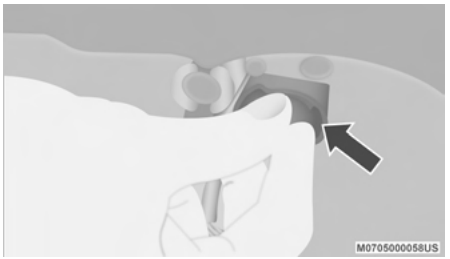
CAUTION!

Do not touch the new bulb with your fingers. Oil contamination will severely shorten bulb life. If the bulb comes in contact with any oily surface, clean the bulb with rubbing alcohol.

5. Install the bulb and connector assembly into the headlamp housing and rotate clockwise to lock it in place.
6. Install the headlamp bulb cap in the headlamp housing and rotate clockwise to lock it in place.

Front Turn Signal Lamp

1. Open the hood.
2. Twist the front turn signal lamp socket assembly counterclockwise, and then remove the front turn signal lamp assembly from the lamp housing.

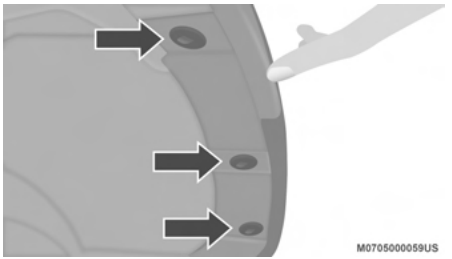


Front Turn Signal Lamp Socket

3. Pull the bulb out of the socket and insert the replacement bulb.
4. Install the front turn signal lamp socket assembly into the housing, and rotate the front turn signal lamp socket clockwise to lock it in place.

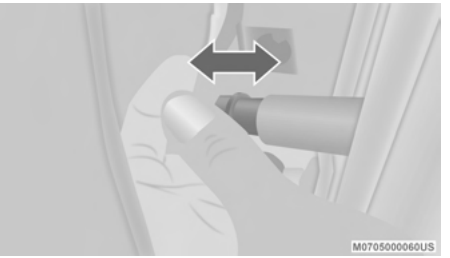
Front And Rear Side Marker Lamps

1. Remove the three fasteners from the inner wheel liner and carefully peel back liner for access.



Inner Wheel Liner Fasteners

2. Firmly grasp the front side marker lamp socket and rotate a quarter turn counter-clockwise to remove it from the lamp assembly.

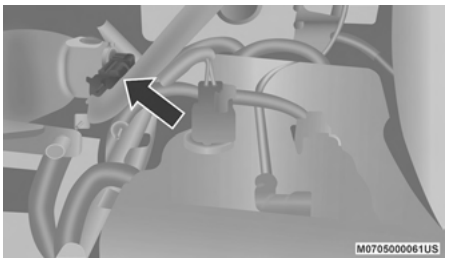


Front Side Marker Lamp Bulb Removal

3. Remove bulb from the front side marker lamp socket and replace with a new bulb.
4. Install front side marker lamp socket in lamp assembly and rotate a quarter turn clockwise to lock into place.
5. Position the inner wheel liner in place and install the three fasteners.

Front Fog Lamp — Halogen

1. Remove fasteners from inner wheel liner and carefully peel back liner for access.
2. Reach through the front fascia to the fog lamp housing to access the bulb.
3. Rotate the front fog lamp bulb counterclockwise, and remove the bulb from the front fog lamp housing.



Front Fog Lamp Socket

4. Disconnect the bulb from the electrical connector and then connect the replacement bulb.

CAUTION!

Do not touch the new bulb with your fingers. Oil contamination will severely shorten bulb life. If the bulb comes in contact with any oily surface, clean the bulb with rubbing alcohol.

5. Install the front fog lamp bulb into the front fog lamp housing, and rotate the bulb clockwise to lock it in place.
6. Position the inner wheel liner in place and install fasteners.

Rear Liftgate Mounted Back-Up Lamps And Tail Lamps (If Bulb Equipped)

1. Raise the liftgate.
2. Use a fiber stick or flat blade screw driver to pry off the bulb access cover on the lower liftgate trim.
3. Back-up lamps/tail lamp (if bulb equipped) are now visible. Rotate socket(s) counterclockwise.
4. Remove/replace bulb(s).
5. Reinstall the socket(s).
6. Reverse process to reinstall the liftgate trim.

Rear Bodyside Mounted Taillamps

1. Raise the liftgate.
2. Remove two torx head screws on the bodyside lamp using a T30 screwdriver.
3. Remove lamp from vehicle body and locate bulb socket on rear of lamp. Rotate socket counterclockwise.
4. Remove/replace bulb(s).
5. Reinstall the socket(s).
6. Reverse process to reinstall the lamp onto vehicle.

Center High Mounted Stop Lamp (CHMSL)

The center high-mounted stop lamp is an LED assembly. See an authorized dealer for replacement.

Rear License Lamp

The rear license lamps are LED. See an authorized dealer for replacement.

FUSES

WARNING!

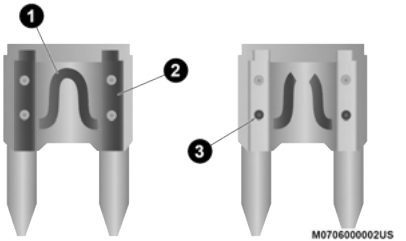
- When replacing a blown fuse, always use an appropriate replacement fuse with the same amp rating as the original fuse. Never replace a fuse with another fuse of higher amp rating. Never replace a blown fuse with metal wires or any other material. Do not place a fuse inside a circuit breaker cavity or vice versa. Failure to use proper fuses may result in serious personal injury, fire and/or property damage.
- Before replacing a fuse, make sure that the ignition is off and that all the other services are switched off and/or disengaged.
- If the replaced fuse blows again, contact an authorized dealer.
- If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, transmission system) or steering system blows, contact an authorized dealer.

General Information

The fuses protect electrical systems against excessive current.

When a device does not work, you must check the fuse element inside the blade fuse for a break/melt.

Also, please be aware that when using power outlets for extended periods of time with the engine off may result in vehicle battery discharge.



Blade Fuses

1 — Fuse Element

2 — Blade Fuse with a good/functional fuse element.

3 — Blade fuse with a bad/not functional fuse element (blown fuse).

Fuse Location

The fuses are grouped into a controller located in the engine compartment.

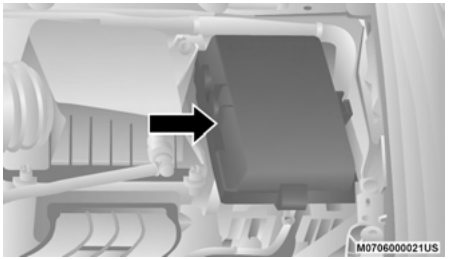
Underhood Fuses

The Power Distribution Center (PDC) is located in the engine compartment near the battery. This center contains cartridge fuses, mini-fuses, micro-fuses, circuit breakers and relays. A label that identifies each component is printed on the inside of the cover.

Before any procedure is done on the PDC, make sure engine is turned off.

Remove the cover by unlatching the two locks located at each side of the PDC cover, avoid the usage of screw drivers or any other tool to remove the cover, since they may apply excessive force and result in a broken/damaged part.

After service is done, secure the cover with its two locks.



Power Distribution Center

Cavity	Cartridge Fuse	Blade Fuse	Description
F06	–	–	Not Used
F07	–	25 Amp Clear	Ignition Coil/Fuel Injector
F08	–	–	Not Used
F09	–	25 Amp Clear	Amplifier/Active Noise Control
F10	–	–	Not Used
F11	–	–	Not Used
F12	–	5 Amp Tan	Battery Sensor (IBS)
F13	–	10 Amp Red	ECM (ESS Only)
F14	–	10 Amp Red	ECM
F15	40 Amp Green	–	CBC Feed #3 (Power Locks)
F16	–	20 Amp Yellow	ECM
F17	30 Amp Pink	–	Starter

Cavity	Cartridge Fuse	Blade Fuse	Description
F18	40 Amp Green	–	CBC Feed #4 (Exterior Lighting #1)
F19	25 Amp Clear	–	2nd Row Folding Seats Solenoid LT
F20	–	10 Amp Red	A/C Compressor Clutch
F21	25 Amp Clear	–	2nd Row Folding Seat Solenoid RT
F22	–	–	Not Used
F23	–	–	Not used
F24	–	20 Amp Yellow	RR Wiper
F25A	–	10 Amp Red	Handsfree LT & RT RR Door Release Mod
F25B	–	10 Amp Red	Active Grill Shutter/ PWR Mirror
F26	40 Amp Green	–	Front HVAC Blower Motor
F27	25 Amp Clear	–	RR Slide Door Module-RT
F28A	–	10 Amp Red	Diagnostic Report
F28B	–	10 Amp Red	USB + AUX Port / Video USB Port
F29	–	–	Not Used
F30A	–	15 Amp Blue	Media HUB 1&2
F30B	–	15 Amp Blue	PWR Lumbar SW
F31	–	–	Not Used
F32	20 Amp Blue	–	ECM
F33	30 Amp Pink	–	Power Liftgate Module
F34	25 Amp Clear	–	RR Door Module-LT

Cavity	Cartridge Fuse	Blade Fuse	Description
F35	25 Amp Clear	–	Sunroof Control Module
F36	–	–	Not Used
F37	40 Amp Green	–	CBC Feed #4 (Exterior Lighting #2)
F38	60 Amp Yellow	–	Vacuum Cleaner
F39	25 Amp Clear	–	Rear HVAC Blower Motor
F40	–	–	Not Used
F41	–	–	Not Used
F42	40 Amp Green	–	Folding Seat Module
F43	–	20 Amp Yellow	Fuel Pump Motor
F44	30 Amp Pink	–	CBC Feed #1 (Interior Lights)
F45	30 Amp Pink	–	Power Inverter
F46	30 Amp Pink	–	Driver Door Module
F47	30 Amp Pink	–	Passenger Door Module
F48	–	–	Not Used
F49	25 Amp Clear	–	RR Sliding Door Module-LT
F50	25 Amp Clear	–	RR Door Module-RT
F51	30 Amp Pink	–	Front Wiper
F52	30 Amp Pink	–	Brake Vacuum Pump
F53	–	–	Not Used
F54	40 Amp Green	–	ESP-ECU And Valves

Cavity	Cartridge Fuse	Blade Fuse	Description
F55A	–	15 Amp Blue	Radio Frequency HUB/ Keyless Ignition System (KIN) / (Electronic Steering Lock-BUX ONLY)
F55B	–	15 Amp Blue	DVD / Video Routing Module (VRM
F56A	–	10 Amp Red	Front and Rear HVAC Control Module / Occupant Classification Module (OCM)/Electronic Steering Lock (ESL)
F56B	–	10 Amp Red	ESP/ESC
F57	–	–	Not Used
F58	–	–	Not Used
F59	30 Amp Pink	–	Trailer Tow Receptacle — If Equipped
F60	–	20 Amp Yellow	Rear Cargo APO
F61	–	20 Amp Yellow	Trailer Tow Right Stop/Turn — If Equipped
F62	–	–	Not Used
F63	–	20 Amp Yellow	Trailer Tow Left Stop/Turn — If Equipped
F64	–	15 Amp Blue	RT HID Headlamp
F65	–	–	Not Used
F66	–	15 Amp Blue	Instrument Panel Cluster (IPC)/ SGW

Cavity	Cartridge Fuse	Blade Fuse	Description
F67	–	10 Amp Red	Haptic Lane Feedback Module (HALF) / Parktronics System (PTS)/ Drivers Assist System Module (DASM)
F68	–	–	Not Used
F69	–	–	Not Used
F70	–	–	Not Used
F71	–	20 Amp Yellow	Horn
F72	–	10 Amp Red	Heated Mirrors – If Equipped
F73	30 Amp Pink	–	Rear Defroster (EBL)
F74	20 Amp Blue	–	Trailer Tow Backup
F75	–	5 Amp Tan	Overhead Console / RR ISC
F76	–	20 Amp Yellow	Uconnect/DCSD/Telematics
F77A	–	10 Amp Red	RR Entertainment Screen 1 & 2/ Media HUB 1 & 2/3rd Row USB Charge Only/2nd Row USB Charge Only/Vaccum Cleaner SW/3rd Row Recline ST SW/LT & RT Stow N Go SW/LT & RT Sliding Door SW Backlight
F77B	–	10 Amp Red	Rain Sensor/Sunroof /CRVMM
F78A	–	15 Amp Blue	Transmission Control Module (TCM)/ E-Shifter

Cavity	Cartridge Fuse	Blade Fuse	Description
F78B	–	15 Amp Blue	Instrument Cluster
F79	–	10 Amp Red	ICS/Front And Rear HVAC/ SCCM/ EPB
F80	–	–	Not Used
F81	–	–	Not Used
F82	–	–	Not Used
F83	20 Amp Blue	–	TT Park Lights — If Equipped
	30 Amp Pink	–	Headlamp Washer Pump — If Equipped
F84	–	–	Not Used
F85	–	20 Amp Yellow	Cigar Lighter
F86	–	–	Not Used
F87	–	–	Not Used
F88	–	20 Amp Yellow	Front Heated Seats
F89	–	20 Amp Yellow	Rear Heated Seats
F90	–	–	Not Used
F91	–	15 Amp Blue	Front Ventilated Seats/Heated Steering Wheel
F92	–	5 Amp Tan	Security Gateway
F93	–	–	Not Used
F94	40 Amp Green	–	ESC Motor Pump
F95A	–	10 Amp Red	USB Charge Port — ACC RUN

Cavity	Cartridge Fuse	Blade Fuse	Description
F95B	–	10 Amp Red	Selectable Fuse Location – USB IP (Direct) B+
F96	–	10 Amp Red	Occupant Restraint Controller (ORC) (Airbag)
F97	–	10 Amp Red	Occupant Restraint Controller (ORC) (Airbag)
F98	–	15 Amp Blue	Left HID Headlamp
F99	30 Amp Pink	–	Trailer Tow Module - If Equipped
F100A	–	10 Amp Red	AHLM
F100B	–	10 Amp Red	Rear Camera/LBSS/RBSS/CVPM/ Humidity Sensor/In Vehicle Temperature Sensor
Circuit Breakers			
CB1	25 Amp		Power Seats (Driver)
CB2	25 Amp *		Power Seats (Pass)
CB3	25 Amp		FRT PWR Window W/O Door Nodes + RR PWR Window Lockout

* 30Amp mini fuse is substituted for 25Amp Circuit Breaker.

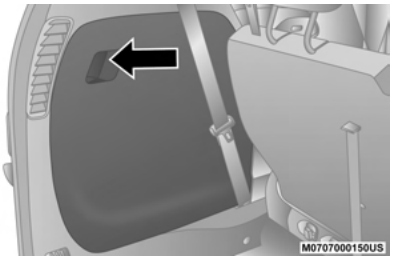
JACKING AND TIRE CHANGING — IF EQUIPPED

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.
- The jack is designed to be used as a tool for changing tires only. The jack should not be used to lift the vehicle for service purposes. The vehicle should be jacked on a firm level surface only. Avoid ice or slippery areas.

Jack And Spare Tire Location

The jacking tools, spare tire and portable air compressor (if equipped) or tire service kit (if equipped) are stowed behind an access panel on the left hand side of the vehicle.

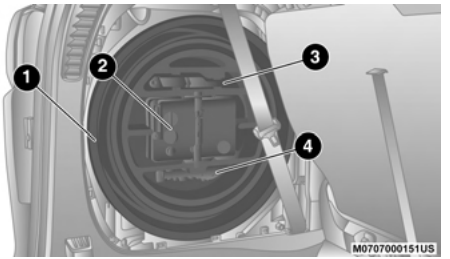


Jacking Equipment Location

Equipment Removal

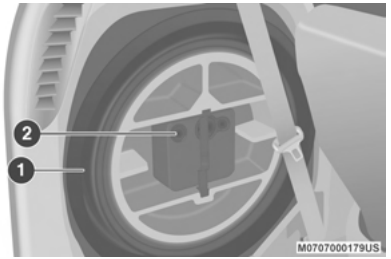
1. Remove the access panel to the jacking equipment.
2. Unlatch the Portable Air Compressor or Tire Service Kit if equipped. Unscrew the wing nut that is holding the Inflatable Spare Tire and gently remove it from the storage area. Remove wrench from foam tray.

NOTE:
Depending on the trim level of the vehicle, the options for spare tire equipment may vary.



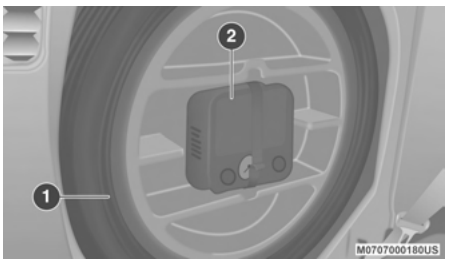
Jacking Equipment

1 — Inflatable Spare Tire
2 — Tire Service Kit
3 — Wrench
4 — Fuel Filler Funnel



Jacking Equipment

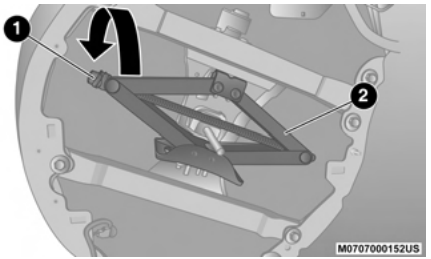
1 — Inflatable Spare Tire
2 — Portable Air Compressor



Jacking Equipment

1 — Inflatable Spare Tire
2 — Portable Air Compressor

3. Remove Jack by turning the jack screw counterclockwise to collapse from storage area that is located behind the tire.



Jack Location

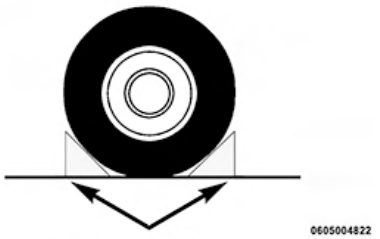
1 — Jack Screw
2 — Jack

Preparations For Jacking

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

WARNING!
Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid being hit when operating the jack or changing the wheel.

2. Turn on the Hazard Warning Flashers.
3. Apply the parking brake.
4. Place the gear selector into PARK (P).
5. Place the ignition in OFF mode.
6. Block both the front and rear of the wheel diagonally opposite the jacking position. For example, if the driver's front wheel is being changed, block the passenger's rear wheel.



Wheel Blocked

NOTE:
Passengers should not remain in the vehicle when the vehicle is being lifted or raised.

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.
- Apply the parking brake firmly and set the transmission in PARK.
- Block the wheel diagonally opposite the wheel to be raised.
- Do not let any passenger 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.

(Continued)

WARNING! *(Continued)*

- 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.

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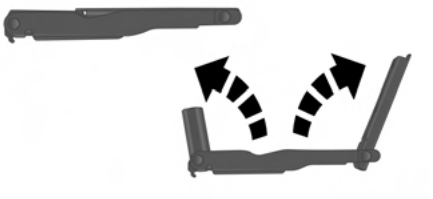
Jack Warning Label

CAUTION!

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

NOTE:
Refer to “Tires” in “Servicing And Maintenance” for information about the inflatable spare tire, its use, and operation.



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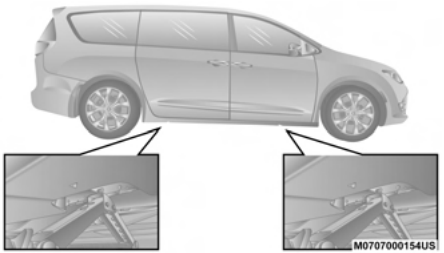
Extending The Wrench

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

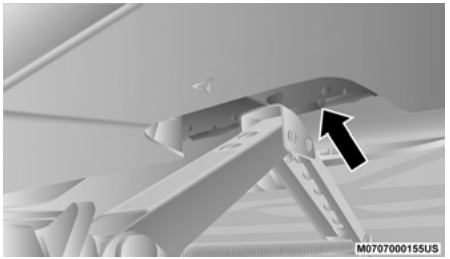
2. There are two jack engagement locations on each side of the vehicle body. These locations are on the sill flange of the vehicle body.



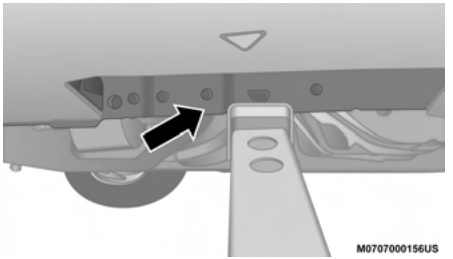
Jack Locations

WARNING!

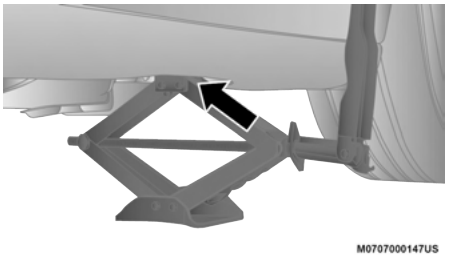
Being under a jacked-up vehicle is dangerous. The vehicle could slip off the jack and fall on you. You could be crushed. Never get any part of your body under a vehicle that is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.



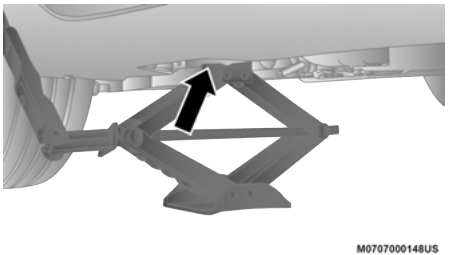
Front Lifting Point



Rear Lifting Point



Front Jack Location



Rear Jacking Location

CAUTION!

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

3. Place the wrench on the jack screw and turn clockwise 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 clockwise, using the swivel wrench. Raise the vehicle only until the tire just clears the surface and enough clearance is obtained to install the compact spare tire. Minimum tire lift provides maximum stability.

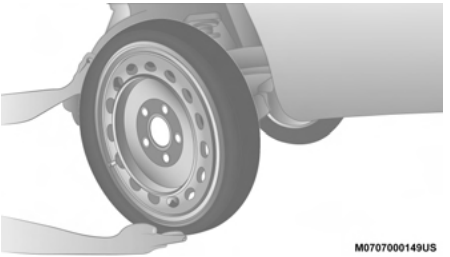
WARNING!

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 nuts, 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 inflatable spare on the vehicle, located in the rear cargo area of the vehicle.

WARNING!

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



Mounting Inflatable Spare Tire

CAUTION!

Be sure to mount the inflatable spare tire with the valve stem facing outward. The vehicle could be damaged if the inflatable spare tire is mounted incorrectly.

NOTE:
Do not install the wheel cover on the inflatable spare tire.

7. Leave the vehicle on the jack and start inflating the inflatable spare after the tire has been mounted to the vehicle. Secure the wheel to the hub by tightening the nuts with the wrench. After inflation, once the vehicle is lowered you will have a second opportunity to “torque” the lug nuts.
8. Inflate the tire to the prescribed pressure 60 psi (4.2 Bar) using the Portable Air Compressor or Tire Service Kit if equipped. Refer to “Portable Air Compressor” in this section for usage procedure if equipped. Refer to “Tire Service Kit For Inflating Tire” in this section for usage procedure if equipped.
9. Lower the vehicle once the inflatable Spare has reached its pressure and the compressor-hose has been removed from the tire valve.

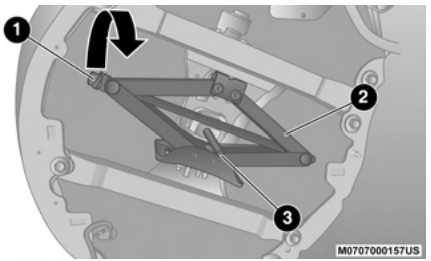
10. Finish tightening the lug nuts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the lug nuts in a star pattern until each nut has been tightened twice. Refer to “Torque Specifications” in “Technical Specifications” for proper wheel lug nut torque. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.
11. Lower the jack to its fully-closed position.

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.

12. Place the deflated (flat) tire and foam tray cover assembly in the rear cargo area. **Do not stow the deflated tire in the inflatable spare tire location.** Have the full-sized tire repaired or replaced, as soon as possible.
13. Stow the jack back in the stowage compartment and place the access panel back. The stud of the storage area must be threaded through the lower part of the jack. Then turn the Jack Screw clockwise to secure it in place.

NOTE:
Stow the foam tray and components in the cargo area.



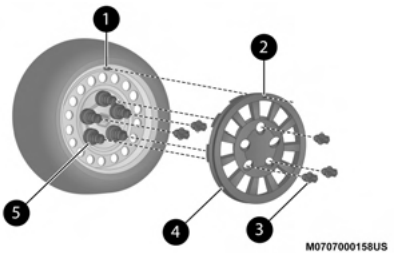
Storing The Jack

1 — Jack Screw
2 — Jack
3 — Stud

Road Tire Installation

Vehicles Equipped With Wheel Covers

1. Mount the road tire on the axle.
2. To ease the installation process for steel wheels with wheel covers, install two lug nuts on the mounting studs which are on each side of the valve stem. Install the lug nuts with the cone shaped end of the nut toward the wheel. Lightly tighten the lug nuts.



Tire And Wheel Cover Or Center Cap

1 — Valve Stem
2 — Valve Notch
3 — Wheel Lug Nut
4 — Wheel Cover
5 — Mounting Stud

3. Align the valve notch in the wheel cover with the valve stem on the wheel. Install the cover by hand, snapping the cover over the two lug nuts. Do not use a hammer or excessive force to install the cover.
4. Install the remaining lug nuts with the cone shaped end of the nut toward the wheel. Lightly tighten all the lug nuts until the wheel sits flush onto the hub and there is no play. The nuts will have to be fully tightened once the vehicle is lowered. Tightening an improperly seated wheel under vehicle load can damage the threads, cause vibration, and undermine safety.

WARNING!

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

5. Lower the vehicle to the ground by turning the jack handle counterclockwise.
6. Finish tightening the lug nuts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the lug nuts in a star pattern until each nut has been tightened twice. Refer to “Torque Specifications” in “Technical Specifications” for proper wheel lug nut torque. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.
7. After 25 miles (40 km) check the lug nut torque with a torque wrench to ensure that all lug nuts are properly seated against the wheel.

Vehicles Without Wheel Covers

1. Mount the road tire on the axle.
2. Install the remaining lug nuts with the cone shaped end of the nut toward the wheel. Lightly tighten all the lug nuts until the wheel sits flush onto the hub and there is no play. The nuts will have to be fully tightened once the vehicle is lowered. Tightening an improperly seated wheel under vehicle load can damage the threads, cause vibration, and undermine safety.

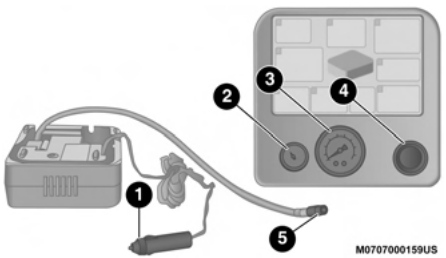
WARNING!

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

3. Lower the vehicle to the ground by turning the jack handle counterclockwise.
4. Finish tightening the lug nuts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the lug nuts in a star pattern until each nut has been tightened twice. Refer to “Torque Specifications” in the “Technical Specifications” section for proper wheel lug nut torque. If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or at a service station.
5. After 25 miles (40 km) check the lug nut torque with a torque wrench to ensure that all lug nuts are properly seated against the wheel.

Portable Air Compressor — If Equipped

Your vehicle may be equipped with a Portable Air Compressor. Use the Portable Air Compressor located in the side compartment of the cargo area to inflate the inflatable tire to 60 psi (4.2 Bar).



Portable Air Compressor

1 — Power Plug
2 — Deflation Button
3 — Pressure Gauge
4 — Power Button
5 — Air Hose

Portable Air Compressor Usage With Inflatable Spare Tire

1. Remove the Portable Air Compressor from the storage location.

2. Raise the vehicle as described in the Jacking Instructions within this section.

3. Install the Inflatable Spare tire as described in the Jack Instructions section in this manual. Make sure that the valve stem is located near the ground, and then screw the air hose of the Portable Air Compressor to the valve stem.

4. Uncoil the power plug and connect it the vehicles 12 Volt power Outlet.

5. Always start the engine before turning ON the Portable Air Compressor.

6. Switch the power button ON.

7. Inflate the tire to 60 psi (4.2 Bar) recommended as per the label on the wheel or if the vehicle equipped with the inflatable spare tire pressure indicated on the Tire and Loading information label located on the driver-side door opening.

NOTE:
If the tire is over inflated, use the deflation button to reduce the tire air pressure.

8. After the tire reaches the recommended pressure, lower the vehicle with the jack as described in the Jack Instructions section in this manual.

9. Remove the speed limit label sticker from the Portable Air Compressor and place it on the center of the steering wheel.

10. Return the Portable Air Compressor to the foam tray and secure it with the strap. Store the foam tray in the cargo area.

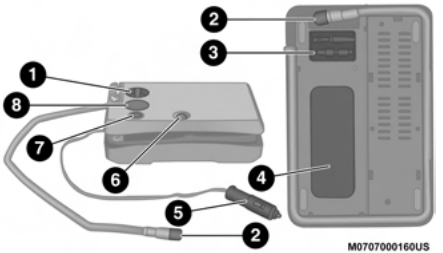
WARNING!

- Do not lift or carry the Portable Air Compressor by the hose.
- Always stow the Portable Air Compressor only in the provided place.
- The metal end fitting from Power Plug may get hot after use, so it should be handled carefully.
- Keep the Portable Air Compressor away from open flames or heat source.

Tire Service Kit For Inflating Tire — If Equipped

Your vehicle may be equipped with a Tire Service Kit. Use the Tire Service Kit located in the side compartment of the cargo area to inflate the inflatable tire to 60 psi (4.2 Bar).

Tire Service Kit And Components And Operation



Tire Service Kit Components

1 — Mode Select Knob
2 — Sealant/Air Hose
3 — Hose Accessories
4 — Sealant Bottle
5 — Power Plug
6 — Power Switch
7 — Deflation Button
8 — Pressure Gauge

Using The Mode Select Knob And Hoses

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

- **Selecting Air Mode**

Push in the Mode Select Knob and turn to this position for air mode operation only.

- **Selecting Sealant Mode**

Push in the Mode Select Knob and turn to this position to inject the Tire Service Kit Sealant and to inflate the tire.

- **Using The Power Button**

Push and release the Power Button once to turn On the Tire Service Kit. Push and release the Power Button again to turn Off the Tire Service Kit.

- **Using The Deflation Button**

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

WARNING!

- Keep Tire Service Kit away from open flames or heat source.
- A loose Tire Service Kit thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the Tire Service Kit in the place provided. Failure to follow these warnings can result in injuries that are serious or fatal to you, your passengers, and others around you.
- Take care not to allow the contents of Tire Service Kit to come in contact with hair, eyes, or clothing. Tire Service Kit sealant is harmful if inhaled, swallowed, or absorbed through the skin. It causes skin, eye, and respiratory irritation. Flush immediately with plenty of water if there is any contact with eyes or skin. Change clothing as soon as possible, if there is any contact with clothing.

(Continued)

WARNING! *(Continued)*

- Tire Service Kit Sealant solution contains latex. In case of an allergic reaction or rash, consult a physician immediately. Keep Tire Service Kit out of reach of children. If swallowed, rinse mouth immediately with plenty of water and drink plenty of water. Do not induce vomiting! Consult a physician immediately.

Whenever You Stop To Use Tire Service Kit:

1. Pull over to a safe location and turn on the vehicle's Hazard Warning Flashers.
2. Verify that the valve stem (on the wheel with the deflated tire) is in a position that is near to the ground. This will allow the Tire Service Kit Hose to reach the valve stem and keep the Tire Service Kit flat on the ground. This will provide the best positioning of the kit when running the air pump. Move the vehicle as necessary to place the valve stem in this position before proceeding.
3. Place the transmission in PARK (P) and cycle the ignition in the OFF position.
4. Ensure the park brake is engaged.

Setting Up To Use Tire Service Kit:

1. Remove the Tire Service Kit from the storage location.

2. Uncoil the Sealant/Air Hose. Remove the cap from the valve stem and then screw the fitting in at the end of the Sealant/Air Hose clockwise onto the valve stem.

3. Place the Tire Service Kit on the ground next to the deflated tire.

4. Uncoil the Power Plug and insert the plug into the vehicle's 12 Volt power outlet.

5. Engage parking brake before turning the engine ON.

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

7. Turn the Mode Select Knob to Air Mode position.

NOTE:
Do not fill inflatable spare tire with sealant. Refer to "Tire Service Kit" in this chapter for repairing tires.

8. Switch the power button ON.

9. Inflate the tire to 60 psi (4.2 Bar) recommended as per the label on the wheel or if the vehicle equipped with the inflatable spare tire pressure indicated on the Tire and Loading information label located on the driver-side door opening.

NOTE:
If the tire is over inflated, use the deflation button to reduce the tire air pressure.

10. After the tire reaches the recommended pressure, lower the vehicle with the jack as described in the Jack Instructions section in this manual.

11. Remove the speed limit label sticker from the Tire Service Kit and place it on the center of the steering wheel.

12. Return the Tire Service Kit to the foam tray and secure it with the strap. Store the foam tray in the cargo area.

Return Inflatable Spare Tire

To return Inflatable Spare Tire to its storage location.

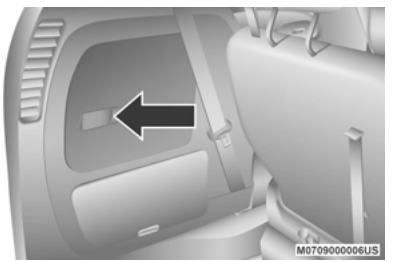
1. Return the Jack.
2. Deflate the spare tire. Use the Tire Service Kit or Portable Air Compressor and push the deflation button to do this step. Refer to "Portable Air Compressor" in this section for additional information. The inflatable spare tire will return to its original shape.
3. Install the inflatable spare tire back into its original stowage location and position facing outward.
4. Install the foam tray with wrench and funnel installed.
5. Install and tighten the wing nut by hand.
6. Install the Tire Service Kit or Portable Air Compressor (if equipped) and tighten the strap.
7. Install access panel door.

TIRE SERVICE KIT — IF EQUIPPED

Your vehicle may be equipped with a Tire Service Kit. Small punctures up to 1/4 inch (6 mm) in the tire tread can be sealed with Tire Service Kit. Foreign objects (e.g., screws or nails) should not be removed from the tire. Tire Service Kit can be used in outside temperatures down to approximately -4 °F (-20 °C). This kit will provide a temporary tire seal, allowing you to drive your vehicle up to 100 miles (160 km) with a maximum speed of 50 mph (80 km/h).

Tire Service Kit Storage

The Tire Service Kit is secured with a strap and is stored in the storage bin located behind the rear cargo trim panel.



Tire Service Kit Location