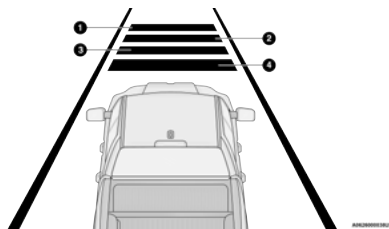


When An ACC Distance Is Also Set:

- When you use the SET (-) button to decelerate, if the engine's braking power does not slow the vehicle sufficiently to reach the set speed, the brake system will automatically slow the vehicle.
- The ACC system decelerates the vehicle to a full stop when following the vehicle in front. If your vehicle follows the vehicle in front to a standstill, after two seconds the driver will either have to push the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing set speed.
- The ACC system maintains set speed when driving uphill and downhill. However, a slight speed change on moderate hills is normal. In addition, downshifting may occur while climbing uphill or descending downhill. This is normal operation and necessary to maintain set speed. When driving uphill and downhill, the ACC system will cancel if the braking temperature exceeds normal range (overheated).

Setting The Following Distance In ACC

The specified following distance for Adaptive Cruise Control (ACC) can be set by varying the distance setting between four bars (longest), three bars (long), two bars (medium) and one bar (short). Using this distance setting and the vehicle speed, ACC calculates and sets the distance to the vehicle ahead. This distance setting displays in the instrument cluster display.



Distance Settings

- 1 – Longest Distance Setting (Four Bars)
- 2 – Long Distance Setting (Three Bars)
- 3 – Medium Distance Setting (Two Bars)
- 4 – Short Distance Setting (One Bar)

To increase the distance setting, push the Distance Increase button and release. Each time the button is pushed, the distance setting increases by one bar (longer).

To decrease the distance setting, push the Distance Decrease button and release. Each time the button is pushed, the distance setting decreases by one bar (shorter).

If there is no vehicle ahead, the vehicle will maintain the set speed. If a slower moving vehicle is detected in the same lane, the instrument cluster displays the ACC Set With Target Detected Indicator Light, and the system adjusts vehicle speed automatically to maintain the distance setting, regardless of the set speed.

The vehicle will then maintain the set distance until:

- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of your lane or view of the sensor.
- The distance setting is changed.
- The system disengages.

The maximum braking applied by ACC is limited; however, the driver can always apply the brakes manually, if necessary.

NOTE:

The brake lights will illuminate whenever the ACC system applies the brakes.

A Proximity Warning will alert the driver if ACC predicts that its maximum braking level is not sufficient to maintain the set distance. If this occurs, a visual alert “BRAKE” will flash in the instrument cluster display and a chime will sound while ACC continues to apply its maximum braking capacity.

NOTE:

The “BRAKE!” Screen in the instrument cluster display is a warning for the driver to take action and does not necessarily mean that the Forward Collision Warning system is applying the brakes autonomously.

Overtake Aid

When driving with Adaptive Cruise Control (ACC) engaged, and following a vehicle, the system will provide an additional acceleration up to the ACC set speed to assist in passing the vehicle.

This additional acceleration is triggered when the driver utilizes the left turn signal and will only be active when passing on the left hand side.

ACC Operation At Stop

If the ACC system brings your vehicle to a standstill while following the vehicle in front, your vehicle will resume motion without any driver intervention if the vehicle in front starts moving within two seconds.

If the vehicle in front does not start moving within two seconds of your vehicle coming to a standstill, the driver will either have to push the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing set speed.

NOTE:

After the ACC system holds your vehicle at a standstill for approximately three consecutive minutes, the parking brake will be activated, and the ACC system will be cancelled.

While ACC is holding your vehicle at a standstill, if the driver seat belt is unbuckled or the driver door is opened, the parking brake will be activated, and the ACC system will be cancelled.

WARNING!

When the ACC system is resumed, the driver must ensure that there are no pedestrians, vehicles or objects in the path of the vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.

Display Warnings And Maintenance

4

“Wipe Front Radar Sensor In Front Of Vehicle” Warning

The “ACC/FCW Unavailable Wipe Front Radar Sensor” warning will display and also a chime will indicate when conditions temporarily limit system performance.

This most often occurs at times of poor visibility, such as in snow or heavy rain. The ACC system may also become temporarily blinded due to obstructions, such as mud, dirt or ice. In these cases, the instrument cluster display will display “ACC/FCW Unavailable Wipe Front Radar Sensor” and the system will deactivate.

The “ACC/FCW Unavailable Wipe Front Radar Sensor” message can sometimes be displayed while driving in highly reflective areas (i.e. ice

and snow, or tunnels with reflective tiles). The ACC system will recover after the vehicle has left these areas. Under rare conditions, when the radar is not tracking any vehicles or objects in its path this warning may temporarily occur.

NOTE:

If the “ACC/FCW Unavailable Wipe Front Radar Sensor” warning is active, Fixed Speed Cruise Control is still available.

If weather conditions are not a factor, the driver should examine the sensor. It may require cleaning or removal of an obstruction. The sensor is located in the camera in the center of the windshield, on the forward side of the rearview mirror.

To keep the ACC system operating properly, it is important to note the following maintenance items:

- Always keep the sensor clean. Carefully clear the windshield.
- Do not remove any screws from the sensor. Doing so could cause an ACC system malfunction or failure and require a sensor realignment.

- Do not attach or install any accessories near the sensor, including transparent material. Doing so could cause an ACC system failure or malfunction.

When the condition that deactivated the system is no longer present, the system will return to the “Adaptive Cruise Control Off” state and will resume function by simply reactivating it.

NOTE:

- If the “ACC/FCW Unavailable Wipe Front Radar Sensor” message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstruction, have the radar sensor realigned at an authorized dealer.
- Installing a snow plow, front-end protector, an aftermarket grille or modifying the grille is not recommended. Doing so may block the sensor and inhibit ACC/FCW operation.

“Clean Front Windshield” Warning

The “ACC/FCW Limited Functionality Clean Front Windshield” warning will display and also a chime will indicate when conditions temporarily limit system performance. This most often occurs at times of poor visibility, such as in snow or heavy rain and fog. The ACC system may also become temporarily blinded due to obstructions, such as mud, dirt, or ice on windshield, driving directly into the sun and fog on the inside of glass. In these cases, the instrument cluster display will show “ACC/FCW Limited Functionality Clean Front Windshield” and the system will have degraded performance.

This message can sometimes be displayed while driving in adverse weather conditions. The ACC/FCW system will recover after the vehicle has left these areas. Under rare conditions, when the camera is not tracking any vehicles or objects in its path this warning may temporarily occur.

If weather conditions are not a factor, the driver should examine the windshield and the camera located on the back side of the inside rear view mirror. They may require cleaning or removal of an obstruction.

When the condition that created limited functionality is no longer present, the system will return to full functionality.

NOTE:

If the “ACC/FCW Limited Functionality Clean Front Windshield” message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstruction, have the windshield and forward facing camera inspected at an authorized dealer.

Service ACC/FCW Warning

If the system turns off, and the instrument cluster displays “ACC/FCW Unavailable Service Required” or “Cruise/FCW Unavailable Service Required”, there may be an internal system fault or a temporary malfunction that limits ACC functionality. Although the vehicle is still drivable under normal conditions, ACC will be temporarily unavailable. If this occurs, try activating ACC again later, following an ignition cycle. If the problem persists, see an authorized dealer.

Precautions While Driving With ACC

NOTE:

- Aftermarket add-ons such as snow plows, lift kits, and brush/grille bars can hinder module performance. Ensure the radar/camera has no obstructions in the field of view.
- Height modifications can limit module performance and functionality.
- Do not put stickers or easy passes over the camera/radar field of view.
- Any modifications to the vehicle that may obstruct the field of view of the radar/camera are not recommended.

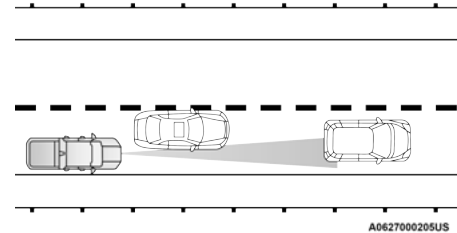
In certain driving situations, ACC may have detection issues. In these cases, ACC may brake late or unexpectedly. The driver needs to stay alert and may need to intervene. The following are examples of these types of situations:

Towing A Trailer

ACC while towing a trailer is recommended only with an Integrated Trailer Brake Controller. Aftermarket trailer brake controllers will not activate the trailer brakes when ACC is braking.

Offset Driving

ACC may not detect a vehicle in the same lane that is offset from your direct line of travel, or a vehicle merging in from a side lane. There may not be sufficient distance to the vehicle ahead. The offset vehicle may move in and out of the line of travel, which can cause your vehicle to brake or accelerate unexpectedly.



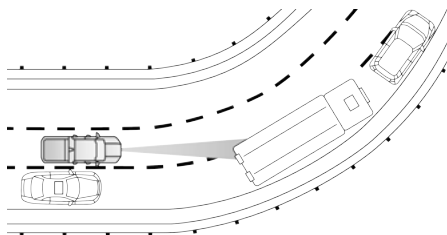
Offset Driving Condition Example

Turns And Bends

When driving on a curve with ACC engaged, the system may decrease the vehicle speed and acceleration for stability reasons, with no vehicle in front detected. Once the vehicle is out of the curve the system will resume your original set speed. This is a part of normal ACC system functionality.

NOTE:

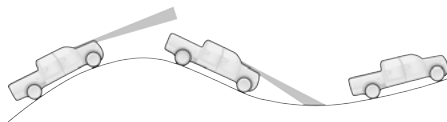
On tight turns ACC performance may be limited.



Turn Or Bend Example

Using ACC On Hills

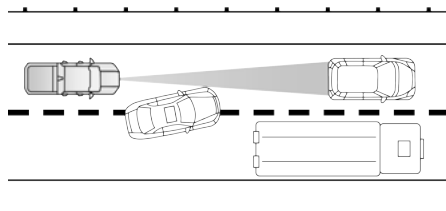
When driving on hills, ACC may not detect a vehicle in your lane. Depending on the speed, vehicle load, traffic conditions, and the steepness of the hills, ACC performance may be limited.



ACC Hill Example

Lane Changing

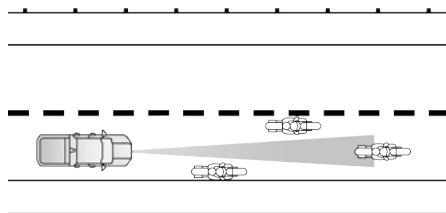
ACC may not detect a vehicle until it is completely in the lane in which you are traveling. In the lane changing example below, ACC has not yet detected the vehicle changing lanes and it may not detect the vehicle until it's too late for the ACC system to take action. ACC may not detect a vehicle until it is completely in the lane. There may not be sufficient distance to the lane-changing vehicle. Always be attentive and ready to apply the brakes if necessary.



Lane Changing Example

Narrow Vehicles

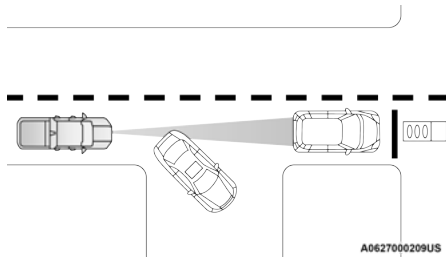
Some narrow vehicles traveling near the outer edges of the lane or edging into the lane are not detected until they have moved fully into the lane. There may not be sufficient distance to the vehicle ahead.



Narrow Vehicle Example

Stationary Objects And Vehicles

ACC does not react to stationary objects and stationary vehicles. For example, ACC will not react in situations where the vehicle you are following exits your lane and the vehicle ahead is stopped in your lane. Always be attentive and ready to apply the brakes if necessary
 ↪ page 482.



Stationary Object And Stationary Vehicle Example

PARKSENSE FRONT/REAR PARK ASSIST SYSTEM — IF EQUIPPED

The ParkSense Park Assist system provides visual and audible indications of the distance between the rear and/or front fascia/bumper and a detected obstacle when backing up or moving forward (e.g. during a parking

maneuver). If your vehicle is equipped with the automatic braking function, the vehicle brakes may be automatically applied and released when the vehicle is in REVERSE if the system detects a possible collision with an obstacle.

NOTE:

- The driver can disable the automatic braking function by turning ParkSense off via the ParkSense switch. The driver can also override automatic braking by changing the gear or by pressing the gas pedal over 90% of its capacity during the braking event.
- Automatic brakes will not be available if the vehicle is in 4WD Low.
- Automatic brakes will not be available if ESC is not available.
- Automatic brakes will not be available if there is a faulted condition detected with the ParkSense Park Assist system or the Braking System.
- The automatic braking function may only be applied if the vehicle deceleration is not enough to avoid colliding with a detected obstacle.

- The automatic braking function may not be applied fast enough for obstacles that move toward the rear of the vehicle from the left and/or right sides.
- The automatic braking function can be enabled/disabled from the Customer Programmable Features section of the Uconnect system.
- ParkSense will retain its last known configuration state for the automatic braking function through ignition cycles.

- Trailer hitch ball assembly may cause false braking events if left attached after towing.

The automatic braking function is intended to assist the driver in avoiding possible collisions with detected obstacles when backing up in REVERSE gear.

NOTE:

- The system is provided to assist the driver and not to substitute the driver.
- The driver must stay in full control of the vehicle's acceleration and braking and is responsible for the vehicle's movements.

For limitations of this system and usage precautions, see [↗](#) page 194.

ParkSense will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition is placed in the ON/RUN position.

ParkSense can be active only when the gear selector is in REVERSE or DRIVE. If ParkSense is enabled while in one of these gears, the system will remain active until the vehicle speed is increased to approximately 7 mph (11 km/h) or above. A warning will appear in the instrument cluster display indicating the vehicle is above ParkSense operating speed. The system will become active again if the vehicle speed is decreased to speeds less than approximately 6 mph (9 km/h).

PARKSENSE SENSORS

The four ParkSense sensors (six if equipped with Active Parksense), located in the front fascia/bumper, monitor the area in front of the vehicle that is within the sensors' field of view, and the four ParkSense sensors, located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The front sensors can detect obstacles from approximately 12 inches (30 cm) up to 47 inches (120 cm) from the front fascia/bumper. The rear sensors can detect obstacles from approximately 12 inches (30 cm) up to 79 inches (200 cm). These distances depend on the location, type and orientation of the obstacle in the horizontal direction.

PARKSENSE WARNING DISPLAY

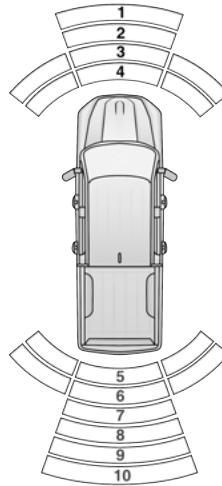
The ParkSense Warning screen is located within the instrument cluster display [↗](#) page 114. It provides visual warnings to indicate the distance between the rear fascia/bumper and/or front fascia/bumper and the detected obstacle.

PARKSENSE DISPLAY

The warning display will turn on indicating the system status when the vehicle is in REVERSE or when the vehicle is in DRIVE and an obstacle has been detected.

The system will indicate a detected obstacle by showing a single arc in the left, right, or center regions based on the obstacle's distance and location relative to the vehicle.

If an obstacle is detected in the left, right, or center regions, the display will show a single arc in the left and/or right regions and the system will produce a tone. As the vehicle moves closer to the obstacle, the display will show the single arc moving closer to the vehicle and the tone will change from a single 1/2 second tone to slow, to fast, to continuous.



Front/Rear ParkSense Arcs

- | | |
|-------------------------------|---------------------------------------|
| 1 – No Tone/Solid Arc | 6 – Fast Tone/Flashing Arc |
| 2 – No Tone/Flashing Arc | 7 – Fast Tone/Flashing Arc |
| 3 – Fast Tone/Flashing Arc | 8 – Slow Tone/Solid Arc |
| 4 – Continuous Tone/Solid Arc | 9 – Slow Tone/Solid Arc |
| 5 – Continuous Tone/Solid Arc | 10 – Single 1/2 Second Tone/Solid Arc |

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The vehicle is close to the obstacle when the display shows one flashing arc and sounds a continuous tone. The following chart shows the warning alert operation when the system is detecting an obstacle:

WARNING ALERTS FOR REAR							
Rear Distance (inches/cm)	Greater than 79 inches (200 cm)	79-59 inches (200-150 cm)	59-47 inches (150-120 cm)	47-39 inches (120-100 cm)	39-25 inches (100-65 cm)	25-12 inches (65-30 cm)	Less than 12 inches (30cm)
Audible Alert (Chime)	None	Single 1/2 Second Tone	Slow	Medium	Fast	Fast	Continuous
Arcs-Left	None	None	None	None	None	6th Flashing	5th Solid
Arcs-Center	None	10th Solid	9th Solid	8th Solid	7th Flashing	6th Flashing	5th Solid
Arcs-Right	None	None	None	None	None	6th Flashing	5th Solid
Radio Volume Reduced	No	Yes	Yes	Yes	Yes	Yes	Yes

WARNING ALERTS FOR FRONT					
Front Distance (inches/cm)	Greater than 47 inches (120 cm)	47-39 inches (120-100 cm)	39-25 inches (100-65 cm)	25-12 inches (65-30 cm)	Less than 12 inches (30 cm)
Audible Alert (Chime)	None	None	None	Fast	Continuous
Arcs-Left	None	None	None	3rd Flashing	4th Solid
Arcs-Center	None	1st Solid	2nd Flashing	3rd Flashing	4th Solid
Arcs-Right	None	None	None	3rd Flashing	4th Solid
Radio Volume Reduced	No	Yes	Yes	Yes	Yes

NOTE:

ParkSense will reduce the volume of the radio, if on, when the system is sounding an audio tone.

Front Park Assist Audible Alerts

ParkSense will turn off the Front Park Assist audible alert (chime) after approximately three seconds when an obstacle has been detected, the vehicle is stationary, and brake pedal is applied.

Adjustable Chime Volume Settings

The Front and Rear chime volume settings are programmable through the Uconnect system
 ↪ page 237.

ENABLING AND DISABLING FRONT AND/OR REAR PARKSENSE

Front ParkSense can be enabled and disabled with the Front ParkSense switch.

Rear ParkSense can be enabled and disabled with the Rear ParkSense switch.



When the Front or Rear ParkSense switch is pushed to disable the system, the instrument cluster display
 ↪ page 114 will show a vehicle

graphic of the Front or Rear ParkSense on/off state for two seconds.

When the gear selector is moved to REVERSE and the Front or Rear system is disabled, the instrument cluster display will show a vehicle graphic with "OFF" on the corresponding side. This vehicle graphic will be displayed for as long as the vehicle is in REVERSE.

NOTE:

Arc alerts from the enabled ParkSense system, will interrupt the five second messages, and the instrument cluster display will show the vehicle graphic with the corresponding arcs and "OFF" message.

The Front or Rear ParkSense switch LED will be on when Front or Rear ParkSense is disabled or requires service. The Front or Rear ParkSense switch LED will be off when the Front or Rear system is enabled. If the Front or Rear ParkSense switch is pushed, and the system requires service, the Front or Rear ParkSense switch LED will blink momentarily, and then the LED will be on.

SERVICE THE PARKSENSE PARK ASSIST SYSTEM

During vehicle start up, when the ParkSense System has detected a faulted condition, the instrument cluster will actuate a single chime, once per ignition cycle, and it will display the "PARKSENSE UNAVAILABLE WIPE REAR SENSORS", "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS", or the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message for five seconds. When the gear selector is moved to REVERSE and the system has detected a faulted condition, the instrument cluster display will display a "WIPE OFF" message on the corresponding blocked system while the vehicle is in REVERSE. The system will continue to provide arc alerts for the side that is functioning properly.

If "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" or "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" appears in the instrument cluster display make sure the outer surface and the underside of the rear fascia/bumper and/or front fascia/bumper is clean and clear of snow, ice, mud, dirt or other obstruction and then cycle the ignition. If the message continues to appear see an authorized dealer.

NOTE:

Water from a car wash or road slush in freezing weather may also cause sensors to become blocked.

If the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message appears in the instrument cluster display, see your authorized dealer.

CLEANING THE PARKSENSE SYSTEM

Clean the ParkSense sensors with water, car wash soap and a soft cloth. Do not use rough or hard cloths. Do not scratch or poke the sensors.

PARKSENSE SYSTEM USAGE**PRECAUTIONS****NOTE:**

- Ensure that the front and rear fascias/bumpers are free of snow, ice, mud, dirt and debris to keep the ParkSense system operating properly.
- Jackhammers, large trucks, and other vibrations could affect the performance of ParkSense.

- When you turn Front or Rear ParkSense off, the instrument cluster display will show a vehicle graphic of the Front or Rear ParkSense on/off state for two seconds. Furthermore, once you turn Front or Rear ParkSense off, it remains off until you turn it on again, even if you cycle the ignition.
- When you move the gear selector to the REVERSE position and Front or Rear ParkSense is turned off, the instrument cluster display will show a vehicle graphic with "OFF" in the corresponding side. This vehicle graphic will be displayed for as long as the vehicle is in REVERSE.
- ParkSense, when on, will reduce the volume of the radio when it is sounding a tone.
- Clean the ParkSense sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense system might not detect an obstacle behind or in front of the fascia/bumper, or it could provide a false indication that an obstacle is behind or in front of the fascia/bumper.
- Use the ParkSense switch to turn the ParkSense system off if obstacles such as bicycle carriers, trailer hitches, etc. are placed near the rear fascia/bumper. Failure to do so can result in the system misinterpreting a close obstacle as a sensor problem, causing the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message to be appear in the instrument cluster display.
- ParkSense should be disabled when the tailgate is in the lowered or open position. A lowered tailgate could provide a false indication that an obstacle is behind the vehicle and could also cause a false braking event.
- The Rear ParkSense system will automatically disable when the system detects that a trailer with trailer brakes has been connected to the Integrated Trailer Brake Module.
- The Front ParkSense system will automatically disable if a snow plow has been connected to the vehicle.

WARNING!

- Drivers must be careful when backing up even when using ParkSense. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. 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.
- Before using ParkSense, it is strongly recommended that the ball mount and hitch ball assembly is disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia when the loudspeaker sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, and give a false indication that an obstacle is behind the vehicle, and could cause false braking.

CAUTION!

- ParkSense 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.
- The vehicle must be driven slowly when using ParkSense 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 ParkSense.

PARKSENSE ACTIVE PARK ASSIST SYSTEM — IF EQUIPPED

The ParkSense Active Park Assist system is intended to assist the driver during parallel and perpendicular parking maneuvers by identifying a proper parking space, providing audible/visual instructions, and controlling the steering wheel. The ParkSense Active Park Assist system is defined as “semi-automatic” since the driver maintains control of the accelerator, gear selector and brakes. Depending on the driver's

parking maneuver selection, the ParkSense Active Park Assist system is capable of maneuvering a vehicle into a parallel or a perpendicular parking space on either side (i.e., driver side or passenger side).

NOTE:

- The driver is always responsible for controlling the vehicle, responsible for any surrounding objects, and must intervene as required.
- The system is provided to assist the driver and not to substitute the driver.
- During a semi-automatic maneuver, if the driver touches the steering wheel after being instructed to remove their hands from the steering wheel, the system will cancel, and the driver will be required to manually complete the parking maneuver.
- The system may not work in all conditions (e.g. environmental conditions such as heavy rain, snow, etc., or if searching for a parking space that has surfaces that will absorb the ultrasonic sensor waves).

- New vehicles from the dealership must have at least 30 miles (48 km) accumulated before the ParkSense Active Park Assist system is fully calibrated and performs accurately. This is due to the system's dynamic vehicle calibration to improve the performance of the feature.
- The driver must control the vehicle's brakes. The automatic emergency braking feature is NOT intended to substitute for the driver during REVERSE maneuvers.

ENABLING AND DISABLING THE PARKSENSE ACTIVE PARK ASSIST SYSTEM



The ParkSense Active Park Assist system can be enabled and disabled with the ParkSense Active Park Assist switch, located on the switch panel below the Uconnect display.

NOTE:

If your vehicle is equipped with a 12-inch Uconnect display, the ParkSense Active Park Assist switch is located above the display.

To enable or disable the ParkSense Active Park Assist system, push the ParkSense Active Park Assist switch once (LED turns on). Pushing the switch a second time will disable the system (LED turns off).

The ParkSense Active Park Assist system will turn off automatically for any of the following conditions:

- Parking maneuver is completed.
- Vehicle speed is greater than 18 mph (30 km/h) when searching for a parking space.
- Vehicle speed is greater than 5 mph (7 km/h) during active steering guidance into the parking space.
- Steering wheel is touched during active steering guidance into the parking space.
- ParkSense Front/Rear Park Assist switch is pushed.
- Driver's door is opened.
- Tailgate is opened.
- Electronic Stability Control/Anti-Lock Braking System intervention.

NOTE:

The ParkSense Active Park Assist system will allow a maximum of eight shifts between DRIVE and 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 ParkSense Active Park Assist system will only operate and search for a parking space when the following conditions are present:

- Gear selector is in DRIVE.
- The ignition is in the ON/RUN position.
- The ParkSense Active Park Assist switch is activated.
- Driver's door is closed.
- Tailgate is closed.
- Vehicle speed is less than 15 mph (25 km/h).
- The outer surface and the underside of the front and rear fascias/bumpers are clean and clear of snow, ice, mud, dirt or other obstruction.

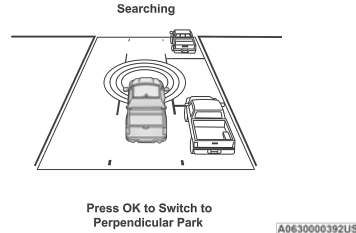
NOTE:

If the vehicle is driven above approximately 15 mph (25 km/h), the instrument cluster display will instruct the driver to slow down. If the vehicle is driven above approximately 18 mph (30 km/h), the system will cancel. The driver must then reactivate the system by pushing the ParkSense Active Park Assist switch.

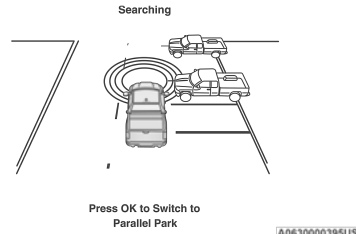
When pushed, the LED on the ParkSense Active Park Assist switch will blink momentarily, and then the LED will turn off if any of the above conditions are not present.

PARALLEL/PERPENDICULAR PARKING SPACE ASSISTANCE OPERATION

When the ParkSense Active Park Assist system is enabled, the messages “Active ParkSense Searching - Push OK To Switch To Perpendicular Park” or “Active ParkSense Searching - Push OK to Switch to Parallel Park” will appear in the instrument cluster display. Push the OK button on the left side of the steering wheel to change your parking space setting. You can switch between perpendicular and parallel parking maneuvers.



Press OK to Switch to Perpendicular Park



Press OK to Switch to Parallel Park

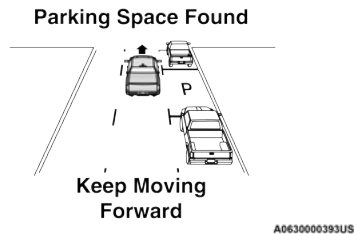
NOTE:

- 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 searching 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). A parking space is considered invalid after the vehicle is 32 ft (10 m) or more away from it.

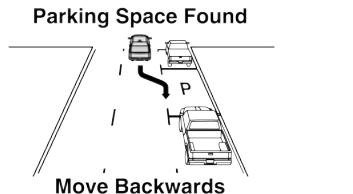
When an available parking space has been found, and the vehicle is not in position, you will be instructed to move forward to position the vehicle for a perpendicular or parallel parking sequence (depending on the type of maneuver being performed).



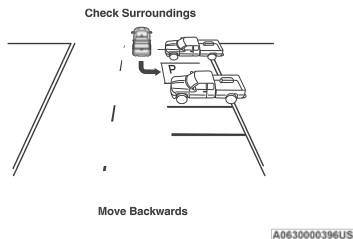
Space Found – Keep Moving Forward

Once the vehicle is in position, you will be instructed to stop the vehicle's movement and remove your hands from the steering wheel. When the vehicle comes to a standstill (your hands still removed from the steering wheel), you will be instructed to place the gear selector into the REVERSE position.

The system may then instruct the driver to wait for steering to complete before then instructing to check surroundings and move backward.



Move Backward Into Parallel Parking Space



Move Backward Into Perpendicular Parking Space

The system may instruct several more gear shifts (DRIVE and REVERSE), with hands off of the steering wheel, before instructing the driver to check surroundings and complete the parking maneuver.

When the vehicle is in the parking position, the maneuver is complete and the driver will be instructed to check the vehicle's parking position, then shift the vehicle into PARK. The message "Active ParkSense Complete - Check Parking Position" will be displayed momentarily.

NOTE:

- It is the driver's responsibility to use the brake and accelerator during the semi-automatic parking maneuver.
- 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.
- 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 and 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.

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.
- 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). The LaneSense system 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 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, as well as a visual warning in the instrument cluster display, to prompt the driver to remain within the lane boundaries.

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

When only a single lane marking is detected and the driver drifts across the 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 or a 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 if removed. 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.

NOTE:

If your vehicle is equipped with a 12-inch Uconnect Display screen, the LaneSense button is located above the 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.


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

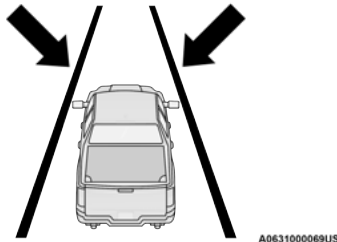
NOTE:


The LaneSense system will retain the last system state on or off from the last ignition cycle when the ignition is placed in the ON/RUN position.


LANESENSE WARNING MESSAGE


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

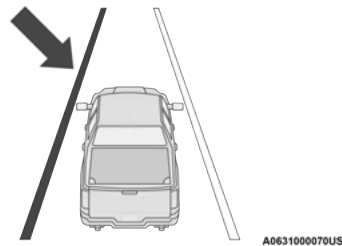
When the LaneSense system is on, the lane lines are gray when both of the lane boundaries have not been detected and the LaneSense telltale  is solid white.



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 when only 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 lane line flashing yellow (on/off). The LaneSense telltale  changes from solid white to flashing yellow.




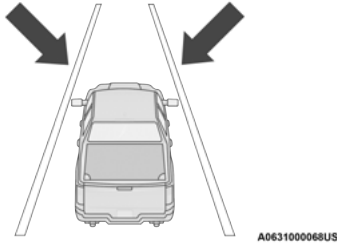
Lane Approached (Flashing Yellow Lane Line) With Yellow Telltale 

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

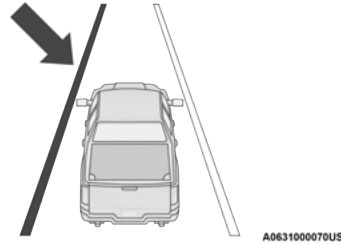
- When the LaneSense system is on and both the lane markings have been detected, the system is "armed" to provide visual warnings in the instrument cluster display and a torque warning in the steering wheel if an unintentional lane departure occurs. The lane lines turn from gray to white and the LaneSense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




Lanes Sensed (White Lines) With Green Telltale

- When the LaneSense system senses a lane drift situation, the left lane line turns 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.

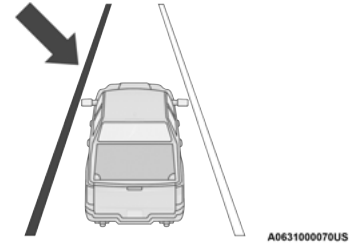
For example: If approaching the left side of the lane the steering wheel will turn to the right.



Lane Sensed (Solid Yellow Lane Line) With Solid Yellow Telltale

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left lane line flashes yellow (on/off). 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 Lane 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 → page 237.

NOTE:

- When enabled the system operates above 37 mph (60 km/h) and below 112 mph (180 km/h).
- The warnings are disabled with use of the turn signal.
- 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 Navigation/Multimedia radio display screen along with a caution note to

“Check Entire Surroundings” across the top of the screen. After five seconds this note will disappear. The ParkView Camera is located in the center of the tailgate handle.



Manual Activation Of The Rear View Camera:

1. Press the "Controls" button located on the bottom of the Uconnect display.
2. Press the "Back Up Camera" icon to turn the Rear View Camera system on.

NOTE:

The ParkView Rear Back Up Camera has programmable modes of operation that may be selected through the Uconnect system → page 237.

When the vehicle is shifted out of REVERSE (with camera delay turned off), the rear camera mode is exited and the previous screen appears. 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 following conditions occur: The vehicle speed exceeds 8 mph (13 km/h), the

vehicle is shifted into PARK, the vehicle's ignition is placed in the OFF position, or the user presses image defeat "X" to exit out of the camera video display.

Whenever the Rear View Camera image is activated through the "Back Up Camera" button in the Controls menu, and the vehicle speed is greater than, or equal to, 8 mph (13 km/h), a display timer for the image is initiated. The image will continue to be displayed until the display timer exceeds 10 seconds.

NOTE:

- If the vehicle speed remains below 8 mph (13 km/h), the Rear View Camera image will be displayed continuously until deactivated via the touchscreen button "X", the transmission is shifted into PARK, or the ignition is placed in the OFF position.
- The touchscreen button "X" to disable display of the camera image is made available ONLY when the vehicle is not in REVERSE.

When enabled, active guidelines are overlaid on the image to illustrate the width of the vehicle and its projected back up path based on the steering wheel position. A dashed center line overlay indicates the center of the vehicle to

assist with parking or aligning to a hitch/receiver. Different colored zones indicate the distance to the rear of the vehicle. The following table shows the approximate distances for each zone:

Zones	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)

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.

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.

Zoom View

When the Rear View Camera image is being displayed, and the vehicle speed is below 8 mph (13 km/h) while in any gear, Zoom View is available. By pressing the “magnifying glass” icon in the upper left of the display screen, the image will zoom in to four times the standard

view. Pressing the icon a second time will return the view to the standard Back Up Camera display.

When Zoom View is selected while the vehicle is in REVERSE, then shifted to DRIVE, the camera delay view will display the standard Back Up Camera view. If the vehicle is then returned to REVERSE gear from DRIVE, the Zoom View selection will automatically resume.

Shifting to NEUTRAL from any gear will maintain the selected view (Zoom or Standard) as long as the vehicle is below 8 mph (13 km/h).

If the vehicle is in PARK, Zoom View is available until the gear selector is placed in DRIVE or REVERSE and speeds are at or above 8 mph (13 km/h).

NOTE:

- If the vehicle is in DRIVE, NEUTRAL, or REVERSE, and speed is greater than or equal to 8 mph (13 km/h), Zoom View is unavailable and the icon will appear grey.
- While in Zoom View, the guidelines will not be visible.

AUX CAMERA — IF EQUIPPED

Your vehicle may be equipped with one or two AUX Cameras, which display rearview and side view images from the trailer on the touchscreen.

Activation

The AUX Camera is activated by first pressing the Backup Camera or Surround View Camera (if equipped) button on the touchscreen, followed by the AUX button located in the upper left corner of the rearview display. The AUX camera can also be activated when the vehicle is in REVERSE by pressing the AUX button.

If equipped with two AUX Cameras, you can switch between each camera by pressing the AUX1 or AUX2 buttons on the Trailer Camera display.



AUX1 Camera Button



AUX2 Camera Button

Deactivation

The AUX Camera is deactivated by pressing the “X” in the upper right corner of the touchscreen. This will return the display back to the previously displayed screen.

NOTE:

- If the AUX button is pressed and no AUX Camera is connected, the touchscreen will display a blue screen along with the message “Camera System Unavailable.” The screen can be exited out by pressing the “X” in the upper right hand corner. This will return the display back to the previously displayed screen.
- Zoom View is not available with the AUX Camera feature.
- The display will always default to the Trailer Camera display (AUX 1).

SURROUND VIEW CAMERA SYSTEM — IF EQUIPPED

The Surround View Camera system allows you to see an on-screen image of the surroundings and the Top View of your vehicle. This occurs whenever the gear selector is in REVERSE or

when enabled through the Uconnect system. The Top View of the vehicle will also show if any doors are open. The image will be displayed on the touchscreen along with a caution note “Check Entire Surroundings”. After five seconds, this note will disappear. The Surround View Camera system is comprised of four cameras located in the front grille, rear tailgate and side mirrors.

NOTE:

The Surround View Camera system has programmable settings that may be selected through the Uconnect system [page 237](#).



Press this button on the touchscreen to enter the Surround View Camera menu in the Uconnect system.

When the vehicle is shifted into REVERSE, the Rear View and Top View is the default view of the system.

If the camera delay is turned on, the camera image will display for up to 10 seconds after shifting out of REVERSE. The camera image will not display for 10 seconds if the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK, or the ignition is placed in the OFF position. The “X” button on the touchscreen disables the display of the camera image.

If the camera delay is turned off, the camera image will close and display the previous screen after shifting out of REVERSE.

If active guidelines are enabled, the lines are overlaid on the image in the Rear View to illustrate the width of the vehicle. The view will also include the side view mirrors and its projected back up path based on the steering wheel position.

There are different colored zones to indicate the distance to the rear of the vehicle. Refer to the chart below:

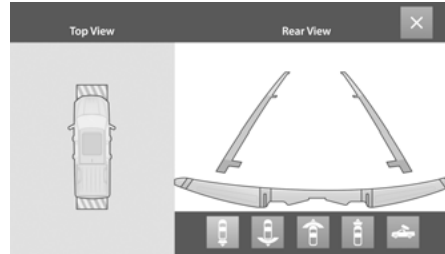
Zone	Distance To The Rear Of The Vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 6.5 ft (30 cm - 2 m)
Green	6.5 ft or greater (2 m or greater)

Modes Of Operation

Standard Rear View can be manually activated by selecting "Back Up Camera" through the Controls menu within the Uconnect system.

Top View

The Top View will show in the Uconnect system with Rear View and Front View in a split screen display. There are 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.



Surround View Camera View

NOTE:

- Front tires will be seen in the image when the tires are turned.
- Due to wide angle cameras in the mirrors, the image will appear distorted.

- The Top View will show which doors are open.
- Open front doors will block the 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 guidelines 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.

Rear View Camera



Pressing the Back Up Camera soft key will provide a full screen rear view with Zoom View.

NOTE:

If the Rear View Camera view was selected through the Surround View Camera menu, exiting out of the Rear View screen will return to the Surround View menu. If the Back Up Camera was manually activated through the Controls menu of the Uconnect system, exiting out of the display screen will return to the Controls menu.

Zoom View

When the Rear View Camera image is being displayed, and the vehicle speed is below 8 mph (13 km/h) while in any gear, Zoom View is available. By pressing the “magnifying glass” icon in the upper left of the display screen, the image will zoom in to four times the standard

view. Pressing the icon a second time will return the view to the standard Back Up Camera display.

When Zoom View is selected while the vehicle is in REVERSE, then shifted to DRIVE, the camera delay view will display the standard Back Up Camera view. If the vehicle is then returned to REVERSE gear from DRIVE, the Zoom View selection will automatically resume.

Shifting to NEUTRAL from any gear will maintain the selected view (Zoom or Standard) as long as the vehicle is below 8 mph (13 km/h).

If the vehicle is in PARK, Zoom View is available until the gear selector is placed in DRIVE or REVERSE and speeds are at or above 8 mph (13 km/h).

NOTE:

- If the vehicle is in DRIVE, NEUTRAL, or REVERSE, and speed is greater than or equal to 8 mph (13 km/h), Zoom View is unavailable and the icon will appear grey.
- While in Zoom View, the guidelines will not be visible.

Deactivation

The system is deactivated in the following conditions if it was activated **automatically**:

- 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 touchscreen 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.

The system is deactivated in the following conditions if it was activated **manually** from the Uconnect controls menu via Surround View button or Back Up Camera button:

- The “X” button on the display is pressed
- Vehicle is shifted into PARK
- Ignition is placed in the OFF position
- Vehicle speed is over 8 mph (13 km/h) for 10 seconds

NOTE:

If the Surround View Camera is activated manually, and the vehicle is shifted into REVERSE, deactivation methods for automatic activation are assumed.

The camera delay system is turned off manually through the Uconnect settings menu
 ➤ page 237.

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.

Forward Facing Camera With Tire Lines — If Equipped

The Forward Facing Camera displays a front view image of the road ahead, along with tire lines to guide the driver when driving on narrow roads. Tire lines can be activated/deactivated through the Uconnect settings.

Activation

The Forward Facing Camera can be activated in the following ways:

- Pressing the Forward Facing Camera button in the Controls screen or Apps menu
- Pressing the Backup Camera or Surround View Camera button (if equipped) on the touchscreen, followed by the AUX button located in the upper left corner of the rear-view display
- Pressing the Forward Facing Camera button while the vehicle is in REVERSE

Once activated, the camera image will remain on as long as the vehicle speed is below 8 mph (13 km/h) and the vehicle is not in 4WD Low.

Deactivation

The Forward Facing Camera is deactivated in the following conditions:

- The vehicle is not in 4WD Low and the vehicle speed exceeds 8 mph (13 km/h) for 10 seconds.
- The “X” button on the display is pressed.

- The vehicle is shifted into PARK.
- The ignition is placed in the OFF position.

NOTE:

If the vehicle is in 4WD Low, the Forward Facing Camera image will be displayed until the “X” button is pressed or the ignition is placed in the OFF position.

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.

AUX CAMERA — IF EQUIPPED

Your vehicle may be equipped with one or two AUX Cameras, which display images from the trailer on the touchscreen.

Activation

The AUX Camera is activated any of the following ways:

- By first pressing the Backup Camera or Surround View Camera (if equipped) button on the touchscreen, followed by the AUX button located in the upper left corner of the rearview display

- Pressing the AUX button in the Apps menu
- Pressing the AUX button when the vehicle is in REVERSE

If equipped with two AUX Cameras, you can switch between each camera by pressing the AUX1 or AUX2 buttons on the Trailer Camera display.



AUX1 Camera Button



AUX2 Camera Button

Deactivation

The AUX Camera is deactivated when the following situations occur:

- The “X” in the upper right corner of the touchscreen is pressed. This will return the display back to the previously displayed screen.
- The vehicle speed exceeds 8 mph (13 km/h) for 10 seconds.
- The vehicle is shifted into PARK.
- The ignition is placed in the OFF position.

NOTE:

- If the AUX button is pressed and no AUX Camera is connected, the touchscreen will display a blue screen along with the message “Camera System Unavailable.” The screen can be exited out by pressing the “X” in the upper right hand corner. This will return the display back to the previously displayed screen.
- Zoom View is not available with the AUX Camera feature.
- The display will always default to the Trailer Camera display (AUX 1).

REFUELING THE VEHICLE — GASOLINE ENGINE

The capless fuel filler is located on the left side of the vehicle.

The capless system is sealed by two flapper doors.

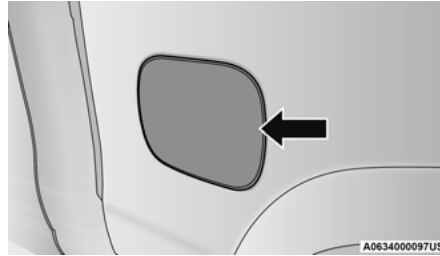
WARNING!

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

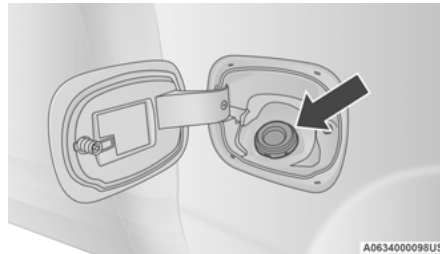
CAUTION!

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.

**Fuel Filler**

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.

WARNING!

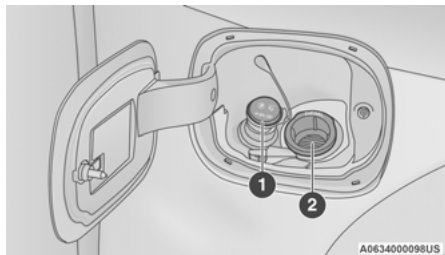
- Always place container on the ground before filling.
- Keep the pump nozzle in contact with the container when you are filling it.
- Use only approved containers for flammable liquid.
- Do not leave container unattended while filling.
- A static electric charge could cause a spark and fire hazard.

REFUELING THE VEHICLE — DIESEL ENGINE

The capless fuel filler is located on the left side of the vehicle.

The capless system is sealed by two flapper doors.

1. Put the vehicle in PARK and switch the ignition off.
2. Open the fuel filler door.



Diesel Fuel And Diesel Exhaust Fluid Fill Location

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

3. Insert the fuel nozzle fully into the filler pipe – the nozzle opens and holds the flapper door while refueling.

4. Fill the vehicle with fuel – when the fuel nozzle “clicks” or shuts off, the fuel tank is full.
5. Remove the fuel nozzle and close the fuel door.

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.

AVOID USING CONTAMINATED FUEL

Fuel that is contaminated by water or dirt can cause severe damage to the engine fuel system. Proper maintenance of the engine fuel filter and fuel tank is essential ⇨ page 409.

BULK FUEL STORAGE — DIESEL FUEL

If you store quantities of fuel, good maintenance of the stored fuel is also essential. Fuel contaminated with water will promote the growth of “microbes.” These microbes form “slime” that will clog the fuel filtration system and lines. Drain condensation from the supply tank and change the line filter on a regular basis.

NOTE:

When a diesel engine is allowed to run out of fuel, air is pulled into the fuel system.

If the vehicle will not start ⇨ page 414.

WARNING!

Do not open the high pressure fuel system with the engine running. Engine operation causes high fuel pressure. High pressure fuel spray can cause serious injury or death.

DIESEL EXHAUST FLUID

Your vehicle is equipped with a Selective Catalytic Reduction (SCR) system to meet diesel emissions standards required by the Environmental Protection Agency.

The purpose of the SCR system is to reduce levels of oxides of nitrogen (NO_x) emitted from engines that are harmful to our health and the environment to a near-zero level. A small quantity of Diesel Exhaust Fluid (DEF) is injected into the exhaust upstream of a catalyst where, when vaporized, converts smog-forming NO_x into harmless nitrogen (N₂) and water vapor (H₂O), two natural components of the air we breathe.

DIESEL EXHAUST FLUID STORAGE

Diesel Exhaust Fluid (DEF) is considered a very stable product with a long shelf life. If DEF is kept in temperatures between 10° and 90° F (-12° and 32° C), it will last a minimum of one year.

DEF may freeze at temperatures at or below 12° F (-11° C). The system has been designed to operate in this environment.

NOTE:

When working with DEF, it is important to know that:

- Any containers or parts that come into contact with DEF must be DEF compatible (plastic or stainless steel). Copper, brass, aluminum, iron or non-stainless steel should be avoided as they are subject to corrosion by DEF.
- If DEF is spilled, it should be wiped up completely.

ADDING DIESEL EXHAUST FLUID

The Diesel Exhaust Fluid (DEF) gauge (located on the instrument cluster) will display the level of DEF remaining in the tank ↪ page 109.

NOTE:

- Driving conditions (altitude, vehicle speed, load, etc.) will effect the amount of DEF that is used in your vehicle.
- Outside temperature can affect DEF consumption. In cold conditions, 12° F (-11° C) and below, the DEF gauge may take longer to operate as intended. This is a normal function of the system.

- There is an electric heater inside the DEF tank that automatically works when necessary. And if the DEF supply does freeze, the truck will operate normally until it thaws.

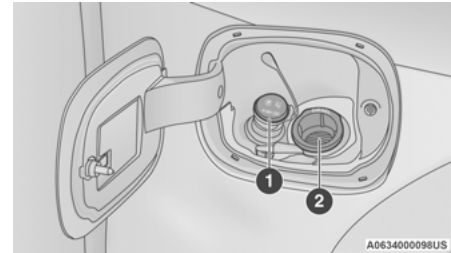
Diesel Exhaust Fluid (DEF) Fill Procedure

NOTE:

For the correct fluid type ↪ page 475.

1. Remove cap from Diesel Exhaust Fluid (DEF) tank which is located next to the diesel fuel filler.

4



DEF Filler Cap And Fuel Fill

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

2. Insert DEF fill adapter/nozzle into DEF tank filler neck.

NOTE:

- The DEF gauge may take up to five seconds to update after adding a gallon or more of (DEF) to the DEF tank. If you have a fault related to the DEF system, the gauge may not update to the new level. See an authorized dealer for service.
- The DEF gauge may also not immediately update after a refill if the temperature of the DEF fluid is below 12° F (-11° C). The DEF line heater will possibly warm up the DEF fluid and allow the gauge to update after a period of run time. Under very cold conditions, it is possible that the gauge may not reflect the new fill level for several drives.

Refilling With Nozzles

You can fill up at any DEF distributor.

Proceed as follows:

- Insert the DEF nozzle in the filler, start refilling and stop refilling at the first shut-off (the shut-off indicates that the DEF tank is full). Do not proceed with the refilling, to prevent spillage of DEF.
- Extract the nozzle.

Refilling With Containers

Proceed as follows:

- Check the expiration date.
- Read the advice for use on the label before pouring the content of the bottle into the DEF tank.
- If systems which cannot be screwed in (e.g. tanks) are used for refilling, after the indication appears on the instrument panel display → page 114 fill the DEF tank with no more than 2 Gallons (8 liters).
- If containers which can be screwed to the filler are used, the reservoir is full when the DEF level in the container stops pouring out. Do not proceed further.

CAUTION!

- To avoid DEF spillage, and possible damage to the DEF tank from overfilling, do not "top off" the DEF tank after filling.

(Continued)

CAUTION! *(Continued)*

- DO NOT OVERFILL. DEF will freeze below 12°F (-11°C). The DEF system is designed to work in temperatures below the DEF freezing point, however, if the tank is over-filled and freezes, the system could be damaged.
- When DEF is spilled, clean the area immediately with water and use an absorbent material to soak up the spills on the ground.
- Do not attempt to start your engine if DEF is accidentally added to the diesel fuel tank as it can result in severe damage to your engine, including but not limited to failure of the fuel pump and injectors.

(Continued)

CAUTION! *(Continued)*

- Never add anything other than DEF to the tank – especially any form of hydrocarbon such as diesel fuel, fuel system additives, gasoline, or any other petroleum-based product. Even a very small amount of these, less than 100 parts per million or less than 1 oz. per 78 gallons (295 liters) will contaminate the entire DEF system and will require replacement. If owners use a container, funnel or nozzle when refilling the tank, it should either be new or one that is has only been used for adding DEF. Mopar provides an attachable nozzle with its DEF for this purpose.
3. Stop filling the DEF tank immediately when any of the following happen: DEF stops flowing from the fill bottle into the DEF tank, DEF splashes out the filler neck, or a DEF pump nozzle automatically shuts off.
 4. Reinstall cap onto DEF tank.

Filling The Def Tank In Cold Climates

Your vehicle is equipped with an automatic DEF heating system. This allows the DEF injection system to operate properly at temperatures

below 12°F (-11°C). If your vehicle is not in operation for an extended period of time with temperatures below 12°F (-11°C), the DEF in the tank may freeze. Do not overfill the DEF tank. If the tank is overfilled and freezes, it could be damaged.

Extra care should be taken when filling with portable containers to avoid overfilling. Keep an eye on the DEF gauge in your instrument cluster. You may safely add a maximum of 2 gallons (7.6 Liters) when your DEF gauge is reading at the half mark.

VEHICLE LOADING**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 Gross Axle Weight Rating (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 Gross Axle Weight Rating (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 insure that the Gross Vehicle Weight Rating (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 Gross Axle Weight Rating (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 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
 ⇨ page 213.

Gross Trailer Weight (GTW)

The 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.

WARNING!

If the gross trailer weight is 5,000 lbs (2,267 kg) or more, it is recommended to use a weight-distributing hitch to ensure stable handling of your vehicle. If you use a standard weight-carrying hitch, you could lose control of your vehicle and cause a collision.

Gross Combination Weight Rating (GCWR)

The GCWR is the total allowable weight of your vehicle and trailer when weighed in combination.

Gross Axle Weight Rating (GAWR)

The 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
 ⇨ page 213.

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 TW 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 (TSC)

The TSC 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 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 commonly used to tow small and medium sized trailers.

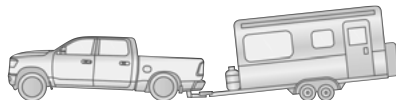
Weight-Distributing Hitch

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 GAWR requirements.

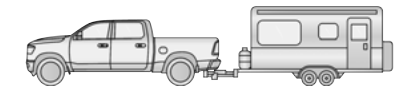
WARNING!

- An improperly adjusted weight distributing hitch system may reduce handling, stability and 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.



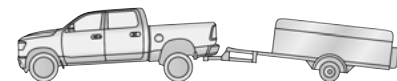
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Without Weight-Distributing Hitch (Incorrect)



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With Weight-Distributing Hitch (Correct)



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Improper Adjustment Of Weight-Distributing Hitch (Incorrect)

Recommended Distribution Hitch Adjustment Towing With Air Suspension — If Equipped

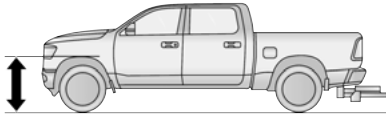
1. Verify that the vehicle is at the normal ride height.

NOTE:

The vehicle must remain in the engine run position with all doors closed while attaching a trailer for proper leveling of the air suspension system.

2. Position the truck to be ready to connect to the trailer (do not connect the trailer).
3. Enable tire jack mode through the instrument cluster or touchscreen radio settings. Tire jack mode will be canceled and procedure must be restarted if the vehicle is driven at speeds above 5mph (8 km/h).

4. Measure the height of the top of the front wheel opening on the fender to ground; this is height H1.



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Measuring Height (H)

5. Attach the trailer to the vehicle without the weight distribution bars connected.

6. Measure the height of the top of the front wheel opening on the fender to ground; this is height H2.
7. Install and adjust the tension in the weight distributing bars per FCA recommendations so that the height of the front fender is approximately $(H2-H1)/3+H1$ (about 1/3 the difference between H2 and H1 above normal ride height [H1]).
8. Use the instrument cluster or touchscreen radio settings and switch off tire jack mode. Make sure the truck returns to normal ride height. Perform a visual inspection of the trailer and weight distributing hitch to confirm FCA recommendations have been met.

9. The truck can now be driven.

Measurement Example	Example Height (mm)
H1	925
H2	946
H2-H1	21
$(H2-H1)/3$	7
$(H2-H1)/3 + H1$	932

NOTE:

For all towing conditions, we recommend towing with tow haul mode engaged.

TRAILER HITCH TYPE AND MAXIMUM TRAILER WEIGHT

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

Trailer Hitch Type and Maximum Trailer Weight	
Hitch Type	Max. Trailer Weight / Max. Tongue Weight
Class III Bumper Hitch - 1500 Model	6,000 lbs (2,721 kg) / 500 lbs (226 kg)
Class IV - 1500 Model	12,750 lbs (5,783 kg) / 1,275 lbs (578 kg)

Refer to the "Trailer Towing Weights (Maximum Trailer Weight Ratings)" for the Maximum Gross Trailer Weight (GTW) towable for your given drivetrain.

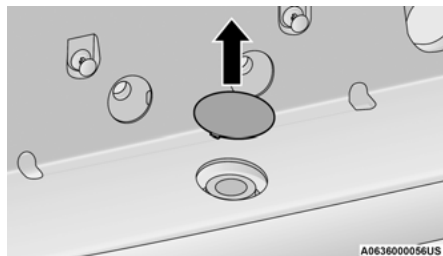
All trailer hitches should be professionally installed on your vehicle.

Class III Bumper Hitch Access

Remove the cap with a trim stick or screw driver to access the Class III hitch attachment.

NOTE:

Be careful not to scratch the bumper step pad.



Class III Bumper Hitch Access

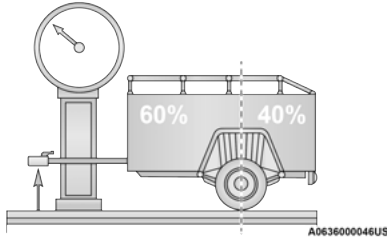
TRAILER TOWING WEIGHTS (MAXIMUM TRAILER WEIGHT RATINGS)

NOTE:

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

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

TRAILER AND TONGUE WEIGHT



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.

TRAILER REVERSE STEERING CONTROL

Trailer Reverse Steering Control (TRSC) is a feature that will allow the driver to back up a trailer using a knob located on the center stack. The feature works by the user first hooking up a trailer and then performing the calibration maneuvers.

CAUTION!

Always observe the position of the trailer and surroundings using the camera and mirrors to avoid damage to the truck or trailer.

Calibration:

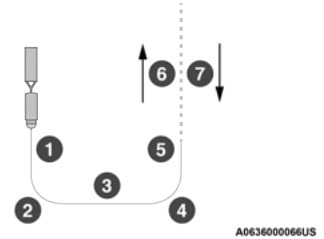
First bring the vehicle and trailer to a complete stop in a large open area, place the vehicle in PARK and push the TRSC button located above the knob in the center stack.

To calibrate a trailer, the driver must drive forward 100 ft (30 m). Then perform a 90 degree turn and return to a straight position for 65 ft (20 m). Perform another 90 degree turn, followed by another 65 ft (20 m) straight drive.

Upon completion this the feature will be available to activate.

NOTE:

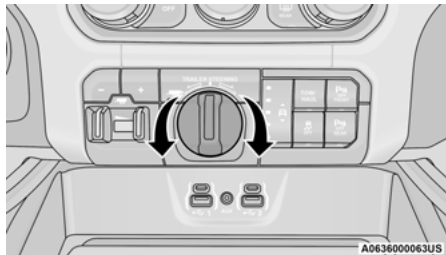
The 90 degree turns could be in either the left or right direction.



Trailer Reverse Steering Control Calibration

- 1 – Straight 100 ft (30 m)
- 2 – Intersection turn with radius 50-65 ft (15-20 m) in either direction
- 3 – Straight 50 ft (15 m)
- 4 – Intersection turn with radius 50-65 ft (15-20 m) in either direction
- 5 – Straight 50 ft (15 m)
- 6 – Straight 65 ft (20 m), making sure to align vehicle/trailer to path center line
- 7 – Feature is active, turn knob left or right to back the trailer up

Once calibrated the driver can shift to PARK, push the button on top of the TRSC knob and activate the feature. The knob is then turned either to the left or right depending on what direction the driver wants the trailer to go.



Trailer Reverse Steering Control Knob

NOTE:

When steering the trailer with the knob, remove hands from the steering wheel.

There is also a holdover state where if during an active trailer steering maneuver, the driver shifts to NEURAL or DRIVE to straighten the trailer, the driver may shift back to REVERSE and not need to reactivate the feature. However the feature will cancel after 10 seconds or when the vehicle speed reaches 8 mph (12 km/h).

Instrument Cluster Messages:

- “Drive forward to calibrate trailer” will display when a trailer is not calibrated and the vehicle is at standstill while the button is pushed.
- “Calibrating trailer” will display when the trailer is not calibrated and the vehicle is moving while the button is pushed.
- “To activate trailer steering shift to P” will display when the trailer is calibrated successfully and the vehicle is not in PARK.
- “Trailer Steering ready, shift to reverse” will display when the button is pushed, trailer is calibrated and the vehicle is in PARK.
- “Trailer steering active” will display after the driver shifts to REVERSE and indicates the feature is active.
- “Trailer Steering Unavailable” will display if there is a fault in the system preventing activation, the driver’s door is open, the driver’s seat belt is unbuckled, or the tailgate is open.

Other reasons the feature may cancel:

- The driver overrides steering by placing hands on the steering wheel.
- Trailer tracking is lost.
- If the trailer angle becomes excessive, the brakes apply bringing the vehicle to a stop and then applying the parking brake.
- Trailer steering button is pushed while active.
- Vehicle speed goes over 8 mph (12 km/h).
- Driver door is open and seat belt is unbuckled.
- Transmission shifted to PARK.

Trailer Memory

The trailer steering system can remember up to five trailers, so recalibration will not be necessary.

To store a trailer to memory, calibrate the trailer and then allow the vehicle to be off for a period of time. The next time the vehicle is started, place the vehicle in DRIVE and drive a short distance. The trailer system can then be activated.

NOTE:

Trailers may look different during day and night conditions. In such cases, the trailer may need to recalibrate.

Some trailers (such as boat trailers) will need to recalibrate while loaded and unloaded.

NOTE:

- The system may not detect a trailer in low light conditions. In sunny conditions, the performance may be degraded as shadows pass over the trailer.
- The driver is always responsible for safe operation of truck and trailer.
- The driver is always in control of the truck as well as the trailer and is responsible for controlling the throttle and brakes.
- The system may not function when the camera lens is blocked, blurred (covered with water, snow, ice, dirt, etc) and will not work unless the tailgate is upright and fully latched.

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 section for the proper maintenance intervals ↗ page 395. 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.
- 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.
- Replacing tires with a higher load carrying capacity will not increase the vehicle's GVWR and GAWR limits.
- For further information ⇨ page 443.

Towing Requirements — Trailer Brakes

- Do **not** interconnect the hydraulic brake system or vacuum system of your vehicle with that of the trailer.
- 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!

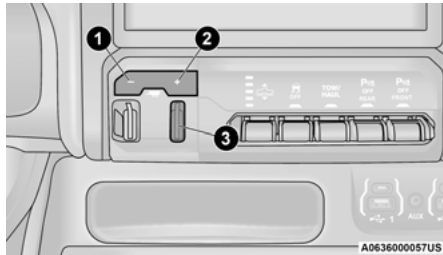
If the trailer weighs more than 1,000 lbs (453 kg) loaded, it should have its own brakes and they should be of adequate capacity. Failure to do this could lead to accelerated brake lining wear, higher brake pedal effort, and longer stopping distances.

Integrated Trailer Brake Module — If Equipped

Your vehicle may have an Integrated Trailer Brake Module (ITBM) for Electric and Electric Over Hydraulic (EOH) trailer brakes.

NOTE:

This module has been designed and verified with electric trailer brakes and new EOH systems. Some previous EOH systems may not be compatible with ITBM.



Integrated Trailer Brake Module (ITBM)

- 1 – GAIN (-) Adjustment Button
- 2 – GAIN (+) Adjustment Button
- 3 – Manual Brake Control Lever

The user interface consists of the following:

GAIN Adjustment Buttons (+/-)

Pushing these buttons will adjust the brake control power output to the trailer brakes in 0.5 increments. The GAIN setting can be increased to a maximum of 10 or decreased to a minimum of 0 (no trailer braking).

GAIN

The GAIN setting is used to set the trailer brake control for the specific towing condition and should be changed as towing conditions change. Changes to towing conditions include trailer load, vehicle load, road conditions and weather.

Manual Brake Control Lever

Slide the manual brake control lever to the left to activate power to the trailer's electric brakes independent of the tow vehicle's brakes. If the manual brake control lever is activated while the brake is also applied, the greater of the two inputs determines the power sent to the trailer brakes.

The trailer and the vehicle's stop lamps will come on when braking normally with the vehicle brake pedal. Only the trailer stop lamps will come on when the manual brake control lever is applied.

Trailer Brake Status Indicator Light

This light indicates the trailer electrical connection status.

If no electrical connection is detected after the ignition is turned on, pushing the GAIN adjustment button or sliding the manual brake control lever will display the GAIN setting for 10 seconds and the "Trailer Brake Status Indicator Light" will not be displayed.

If a fault is detected in the trailer wiring or the Integrated Trailer Brake Module (ITBM), the "Trailer Brake Status Indicator Light" will flash.

Adjusting GAIN**NOTE:**

This should only be performed in a traffic free environment at speeds of approximately 20–25 mph (30–40 km/h).

1. Make sure the trailer brakes are in good working condition, functioning normally and properly adjusted. See your trailer dealer if necessary.
2. Hook up the trailer and make the electrical connections according to the trailer manufacturer's instructions.
3. When a trailer is plugged in with electric or EOH brakes, the trailer connected message should appear in the instrument cluster display (if the connection is not recognized

by the ITBM, braking functions will not be available), the GAIN setting will illuminate and the correct type of trailer must be selected from the instrument cluster display options.

4. Push the UP or DOWN button on the steering wheel until "TRAILER TOW" appears on the screen.
5. Push the RIGHT arrow on the steering wheel to enter "TRAILER TOW".
6. Push the UP or DOWN buttons until the Trailer Brake Type appears on the screen.
7. Push the RIGHT arrow and then push the UP or DOWN buttons until the proper Trailer Brake Type appears on the screen.

8. In a traffic-free environment, tow the trailer on a dry, level surface at a speed of 20–25 mph (30–40 km/h) and squeeze the manual brake control lever completely.
9. If the trailer wheels lockup (indicated by squealing tires), reduce the GAIN setting; if the trailer wheels turn freely, increase the GAIN setting.

Repeat steps 8 and 9 until the GAIN setting is at a point just below trailer wheel lockup. If towing a heavier trailer, trailer wheel lockup may not be attainable even with the maximum GAIN setting of 10.

	Light Electric	Heavy Electric	Light EOH	Heavy EOH
Type of Trailer Brakes	Electric Trailer Brakes	Electric Trailer Brakes	Electric over Hydraulic Trailer Brakes	Electric over Hydraulic Trailer Brakes
Load	*Under 10,000 lbs	*Above 10,000 lbs	*Under 10,000 lbs	*Above 10,000 lbs

*The suggested selection may change depending on the customer preferences for braking performance. Condition of the trailer brakes, driving and road state may also affect the selection.

Display Messages

The trailer brake control interacts with the instrument cluster display. Display messages, along with a single chime, will be displayed when a malfunction is determined in the trailer connection, trailer brake control, or on the trailer → page 114.

WARNING!

Connecting a trailer that is not compatible with the ITBM system may result in reduced or complete loss of trailer braking. There may be an increase in stopping distance or trailer instability which could result in personal injury.

CAUTION!

Connecting a trailer that is not compatible with the ITBM system may result in reduced or complete loss of trailer braking. There may be an increase in stopping distance or trailer instability which could result in damage to your vehicle, trailer, or other property.

NOTE:

- An aftermarket controller may be available for use with trailers with air or electric-over-hydraulic trailer brake systems. To determine the type of brakes on your trailer and the availability of controllers, check with your trailer manufacturer or dealer.
- Removal of the ITBM will cause errors and it may cause damage to the electrical system and electronic modules of the vehicle. See your authorized dealer if an aftermarket module is to be installed.

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-pin and seven-pin wiring harness. Use a factory approved trailer harness and connector.

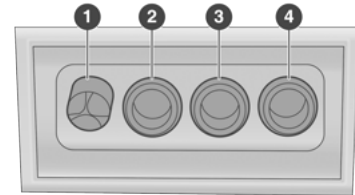
NOTE:

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

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

NOTE:

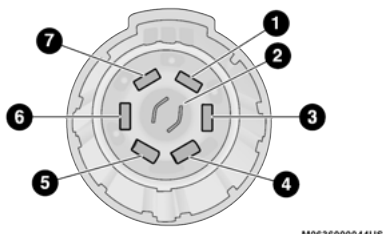
- Disconnect trailer wiring connector from the vehicle before launching a boat (or any other device plugged into vehicle's electrical connect) into water.
- Be sure to reconnect once clear from water area.



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Four-Pin Connector

- 1 — Ground
- 2 — Park
- 3 — Left Stop/Turn
- 4 — 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

Trailer Light Check

This feature will run the trailer lights through a sequence to check the trailer light function. It is available in the Instrument Cluster under the Trailer Tow menu → page 118.

When activated the feature will enable all of the exterior lights sequentially for up to two minutes for time to walk around and verify functionality.

The following exterior lights will remain on for the entirety of the sequence:

- Park/Running Lamps
- Side Marker Lamps (if equipped)
- License Lamp
- Signature Lamp (if equipped)
- Low Beams
- Fog Lamps (if equipped)
- Daytime Running Lamps

During this time the following lights will sequence, each activating for three seconds:

1. Brake and CHMSL (third brake light)
2. Left turn signal
3. Right turn signal
4. Reverse Lamps
5. High Beam

This light check sequence will continue for a total of two minutes.

The sequence will only activate if the following conditions are met:

- Vehicle is equipped with the Trailer Tow Package
- Vehicle is in PARK
- Vehicle is not in motion
- Ignition in ACC or RUN
- Remote start is inactive
- Brakes are not applied
- Left turn signal is not applied
- Right turn signal not applied
- Hazard switch is not applied

The sequence will cancel if any of the following conditions occur:

- Brakes are applied
- Vehicle is shifted from PARK
- Vehicle is no longer stationary
- Left turn signal activated from stalk
- Right turn signal is activated from stalk

- Hazard switch is activated
- Any button on the key fob is pushed
- Ignition button is pushed
- High Beam stalk position is changed
- Sequence is canceled in the instrument cluster

TOWING TIPS

Before towing, practice turning, stopping, and backing up the trailer in an area located away from heavy traffic.

Automatic Transmission

The DRIVE range can be selected when towing. The transmission controls include a drive strategy to avoid frequent shifting when towing. However, if frequent shifting does occur while in DRIVE, select TOW/HAUL mode or select a lower gear range (using the Electronic Range Select (ERS) shift control).

NOTE:

Using TOW/HAUL mode or selecting a lower gear range (using the ERS shift control) while operating the vehicle under heavy loading conditions will improve performance and

extend transmission life by reducing excessive shifting and heat build up. This action will also provide better engine braking.

Tow/Haul Mode

To reduce potential for automatic transmission overheating, activate TOW/HAUL mode when driving in hilly areas, or select a lower gear range (using the (ERS) shift control) on more severe grades.

Cruise Control — If Equipped

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

Air Suspension System

To aid in attaching/detaching the trailer from the vehicle, the air suspension system can be used ↪ page 165.

NOTE:

The vehicle must remain in the engine running position while attaching a trailer for proper leveling of the air suspension system.

SNOWPLOW

Snowplow Prep Packages are available as a factory installed option. These packages include components necessary to equip your vehicle with a snowplow.

NOTE:

Before installation of a snowplow it is highly recommended that the owner/installer obtain and follow the recommendations contained within the current Body Builders Guide. See an authorized dealer, installer or snowplow manufacturer for this information. There are unique electrical systems that must be connected to properly ensure operator safety and prevent overloading vehicle systems.

WARNING!

Attaching a snowplow to this vehicle could adversely affect performance of the airbag system in a collision. Do not expect that the airbag will perform as described earlier in this manual.

CAUTION!

The "Lamp Out" indicator could illuminate if exterior lamps are not properly installed.

BEFORE PLOWING

- Check the hydraulic system for leaks and proper fluid level.
- Check the mounting bolts and nuts for proper tightness.
- Check the runners and cutting edge for excessive wear. The cutting edge should be ¼ to ½ inches (6 cm to 1.2 cm) above ground in snow plowing position.
- Check that snowplow lighting is connected and functioning properly.

SNOWPLOW PREP PACKAGE MODEL AVAILABILITY

For information about snowplow applications visit www.ramtrucks.com or refer to the current **Body Builders Guide**.

1. The maximum number of occupants in the truck should not exceed two.
2. The total GVWR, Front GAWR or the Rear GAWR should never be exceeded.
3. Cargo capacity will be reduced by the addition of options or passengers, etc.

The loaded vehicle weight, including the snowplow system, all aftermarket accessories, driver, passengers, options, and cargo, must not exceed either the Gross Vehicle Weight (GVWR) or Gross Axle Weight (GAWR) ratings. These weights are specified on the Safety Compliance Certification Label on the driver's side door opening.

NOTE:

Detach the snowplow when transporting passengers.

Vehicle front end wheel alignment was set to specifications at the factory without consideration for the weight of the plow. Front end toe-in should be checked and reset if necessary at the beginning and end of the snowplow season. This will help prevent uneven tire wear.

The blade should be lowered whenever the vehicle is parked.

Maintain and operate your vehicle and snowplow equipment following the recommendations provided by the specific snowplow manufacturer.

OVER THE ROAD OPERATION WITH SNOWPLOW ATTACHED

The blade restricts air flow to the radiator and causes the engine to operate at higher than normal temperatures. Therefore, when transporting the plow, angle the blade completely and position it as low as road or surface conditions permit. Do not exceed 40 mph (64 km/h). The operator should always maintain a safe stopping distance and allow adequate passing clearance.

OPERATING TIPS

Under ideal snow plowing conditions, 20 mph (32 km/h) should be maximum operating speed. The operator should be familiar with the area and surface to be cleaned. Reduce speed and use extreme caution when plowing unfamiliar areas or under poor visibility.

GENERAL MAINTENANCE

Snowplows should be maintained in accordance with the plow manufacturer's instructions.

Keep all snowplow electrical connections and battery terminals clean and free of corrosion.

When plowing snow, to avoid transmission and drivetrain damage, the following precautions should be observed:

- Operate with transfer case in 4WD Low when plowing small or congested areas where speeds are not likely to exceed 15 mph (24 km/h). At higher speeds operate in 4WD High.

- Vehicles with automatic transmissions should use 4WD Low when plowing deep or heavy snow for extended periods of time to avoid transmission overheating.
- Do not shift the transmission unless the engine has returned to idle and wheels have stopped. Make a practice of stepping on the brake pedal while shifting the transmission.

RECREATIONAL TOWING (BEHIND MOTORHOME)

TOWING THIS VEHICLE BEHIND ANOTHER VEHICLE

Towing Condition	Wheels OFF The Ground	Two-Wheel Drive Models	Four-Wheel Drive Models
Flat Tow	NONE	NOT ALLOWED	See Instructions <ul style="list-style-type: none"> ● Transmission in PARK ● Transfer case in NEUTRAL (N) ● Tow in forward direction
Dolly Tow	Front	NOT ALLOWED	NOT ALLOWED
	Rear	OK	NOT ALLOWED
On Trailer	ALL	OK	OK

NOTE:

- When towing your vehicle, always follow applicable state and provincial laws. Contact state and provincial Highway Safety offices for additional details.
- Vehicles equipped with Active-Level Four Corner Air Suspension must be placed in Transport mode before tying them down (from the body) on a trailer or flatbed truck [▷ page 165](#). If the vehicle cannot be placed in Transport mode (for example, engine will not run), tie-downs must be fastened to the

axles (not to the body). Failure to follow these instructions may cause fault codes to be set and/or cause loss of proper tie-down tension.

RECREATIONAL TOWING — TWO-WHEEL DRIVE MODELS

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

Recreational towing (for two-wheel drive models) is allowed **ONLY** if the rear wheels are **OFF** the ground. This may be accomplished

using a tow dolly or vehicle trailer. If using a tow dolly, follow this procedure:

NOTE:

If vehicle is equipped with air suspension, ensure the vehicle is set to Normal Ride Height.

1. Properly secure the dolly to the tow vehicle, following the dolly manufacturer's instructions.
2. Drive the rear wheels onto the tow dolly.
3. Apply the parking brake. Place the transmission in PARK.

4. Properly secure the rear wheels to the dolly, following the dolly manufacturer's instructions.
5. Turn the ignition OFF.
6. Install a suitable clamping device, designed for towing, to secure the front wheels in the straight position.

CAUTION!

Towing with the rear wheels on the ground will cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

RECREATIONAL TOWING — FOUR-WHEEL DRIVE MODELS

NOTE:

The transfer case must be shifted into N (Neutral) for recreational towing. The transmission must be shifted into PARK for recreational towing. Refer to the following for the proper transfer case N (Neutral) shifting procedure for your vehicle.

CAUTION!

- DO NOT dolly tow any 4WD vehicle. Towing with only one set of wheels on the ground (front or rear) will cause severe transmission and/or transfer case damage. Tow with all four wheels either ON the ground, or OFF the ground (using a vehicle trailer).
- Tow only in the forward direction. Towing this vehicle backwards can cause severe damage to the transfer case.
- Before recreational towing, the transfer case must be in N (Neutral). To be certain the transfer case is fully in N (Neutral), perform the procedure outlined under "Shifting Into N (Neutral)". Internal transmission damage will result, if the transfer case is not in N (Neutral) during towing.
- The transmission must be in PARK for recreational towing.

(Continued)

CAUTION! *(Continued)*

- Ensure that the Electric Park Brake is released, and remains released, while being towed.
- Towing this vehicle in violation of the above requirements can cause severe transmission and/or transfer case damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.
- Do not disconnect the rear driveshaft because fluid will leak from the transfer case, causing damage to internal parts.
- Do not use a bumper-mounted clamp-on tow bar on your vehicle. The bumper face bar will be damaged.

Shifting Into N (Neutral)

Use the following procedure to prepare your vehicle for recreational towing.

WARNING!

You or others could be injured or killed if you leave the vehicle unattended with the transfer case in the N (Neutral) position without first fully engaging the parking brake. The transfer case N (Neutral) position disengages both the front and rear driveshafts from the powertrain and will allow the vehicle to roll, even if the transmission is in PARK. The parking brake should always be applied when the driver is not in the vehicle.

CAUTION!

It is necessary to follow these steps to be certain that the transfer case is fully in N (Neutral) before recreational towing to prevent damage to internal parts.

1. Bring the vehicle to a complete stop on level ground, with the engine running. Apply the parking brake.
 2. Press and hold the brake pedal.
 3. Shift the transmission to NEUTRAL. The driver's door must be closed (or the driver's seat belt buckled) so that the transmission will remain in NEUTRAL when the brake pedal is released.
- NOTE:**
If vehicle is equipped with air suspension, ensure the vehicle is set to Normal Ride Height.
4. Using a ballpoint pen or similar object, push and hold the recessed transfer case N (Neutral) button (at the center of the transfer case switches). The N (Neutral) indicator light will illuminate, and remain lit, when the shift to N (Neutral) is complete. After the shift is completed and the N (Neutral) light stays on, release the N (Neutral) button.
 5. Release the parking brake.
 6. Shift the transmission into REVERSE.
 7. Release the brake pedal for five seconds and ensure that there is no vehicle movement.
 8. Repeat steps 6 and 7 with the transmission in DRIVE.
 9. Shift the transmission to NEUTRAL. Apply the parking brake. Turn off the engine. For vehicles with Keyless Enter-N-Go, push and hold the ENGINE START/STOP button until the engine shuts off. The transmission will automatically select PARK when the engine is turned off.
 10. Turn the ignition off.
 11. Attach the vehicle to the tow vehicle using a suitable tow bar.
 12. Turn the ignition to the ON/RUN mode, but do not start the engine.
 13. Release the parking brake.
 14. Turn the ignition OFF.

NOTE:

- Steps 2 and 3 are requirements that must be met before pushing the N (Neutral) button, and must continue to be met until the shift has been completed. If any of these requirements are not met before pushing the N (Neutral) button or are no longer met during the shift, the N (Neutral) indicator light will flash continuously until all requirements are met or until the N (Neutral) button is released.
- The ignition must be in the ON/RUN mode for a shift to take place and for the position indicator lights to be operable. If the ignition is not in the ON/RUN mode, the shift will not take place and no position indicator lights will be on or flashing.
- A flashing N (Neutral) position indicator light indicates that shift requirements have not been met.
- If the vehicle is equipped with air suspension, the engine should be started and left running for a minimum of 60 seconds (with all the doors closed) at least once every 24 hours. This process allows the air suspension to adjust the vehicle's ride height to compensate for temperature effects.

Shifting Out Of N (Neutral)

Use the following procedure to prepare your vehicle for normal usage:

1. Bring the vehicle to a complete stop, leaving it connected to the tow vehicle.
2. Press and hold the brake pedal.
3. Start the engine. Apply the parking brake. Shift the transmission into NEUTRAL.
4. Using a ballpoint pen or similar object, push and hold the recessed transfer case N (Neutral) button (at the center of the transfer case switches).
5. When the N (Neutral) indicator light turns off, release the N (Neutral) button.
6. Turn the engine off. The transmission will automatically select PARK when the engine is turned off.
7. Release the brake pedal.
8. Disconnect vehicle from the tow vehicle.
9. Press and hold the brake pedal.
10. Start the engine.

11. Release the parking brake.

12. Shift the transmission into DRIVE, release the brake pedal, and check that the vehicle operates normally.

NOTE:

- Steps 3 and 4 are requirements that must be met before pushing the button to shift out of N (Neutral), and must continue to be met until the shift has been completed. If any of these requirements are not met before pushing the button or are no longer met during the shift, the N (Neutral) indicator light will flash continuously until all requirements are met or until the button is released.
- The ignition must be in the ON/RUN mode for a shift to take place and for the position indicator lights to be operable. If the ignition is not in the ON/RUN mode, the shift will not take place and no position indicator lights will be on or flashing.
- A flashing N (Neutral) position indicator light indicates that shift requirements have not been met.

DRIVING TIPS

DRIVING ON SLIPPERY SURFACES

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 rear (driving) wheels.

WARNING!

Rapid acceleration on slippery surfaces is dangerous. Unequal traction can cause sudden pulling of the rear 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.).

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 Cautions and Warnings 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.
- Do not exceed 5 mph (8 km/h) when driving through standing water. This will minimize wave effects.

(Continued)

CAUTION! *(Continued)*

- 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.

OFF-ROAD DRIVING TIPS

Care should be taken when attempting to climb steep hills or driving diagonally across a hill or slope. If natural obstacles force you to travel diagonally up or down a hill, choose a mild angle and keep as little side tilt as possible. Keep the vehicle moving and make turns slowly and cautiously.

If you must back down a hill, back straight down using REVERSE gear. Never back down in NEUTRAL or diagonally across the hill.

When driving over sand, mud, and other soft terrain, shift to low gear and drive steadily. Apply the accelerator slowly to avoid spinning the wheels.

Do not reduce the tire pressures for this type of driving.

After Driving Off-Road

Off-road operation puts more stress on your vehicle than does most on-road driving. After going off-road, it is always a good idea to check for damage. That way you can get any problems taken care of right away and have your vehicle ready when you need it.

- Completely inspect the underbody of your vehicle. Check tires, body structure, steering, suspension, and exhaust system for damage.
- Inspect the radiator for mud and debris and clean as required.
- Check threaded fasteners for looseness, particularly on the chassis, drivetrain components, steering, and suspension. Retighten them, if required, and torque to the values specified in the Service Manual.

- Check for accumulations of plants or brush. These things could be a fire hazard. They might hide damage to fuel lines, brake hoses, axle pinion seals, and propeller shafts.
- After extended operation in mud, sand, water, or similar dirty conditions, have the radiator, fan, brake rotors, wheels, brake linings, and axle yokes inspected and cleaned as soon as possible.

WARNING!

Abrasive material in any part of the brakes may cause excessive wear or unpredictable braking. You might not have full braking power when you need it to prevent a collision. If you have been operating your vehicle in dirty conditions, get your brakes checked and cleaned as necessary.

- If you experience unusual vibration after driving in mud, slush or similar conditions, check the wheels for impacted material. Impacted material can cause a wheel imbalance and freeing the wheels of it will correct the situation.

MULTIMEDIA

UCONNECT SYSTEMS

For detailed information about your Uconnect 4C/4C NAV with 8.4-inch Display system or your Uconnect 4C NAV with 12-inch Display system, refer to your Uconnect Owner's Manual Supplement.

NOTE:

Uconnect screen images are for illustration purposes only and may not reflect exact software for your vehicle.

CYBERSECURITY

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

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

your vehicle may require software updates to improve the usability and performance of your systems or to reduce the potential risk of unauthorized and unlawful access to your vehicle systems.

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

WARNING!

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

(Continued)

WARNING! *(Continued)*

- As always, if you experience unusual vehicle behavior, take your vehicle to your nearest authorized dealer immediately.

NOTE:

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

Privacy of any wireless and wired communications cannot be assured. Third parties may unlawfully intercept information and private communications without your consent. For further information, refer to "Data Collection & Privacy" in your Uconnect Owner's Manual Supplement or ↗ page 137.

UCONNECT SETTINGS

The Uconnect system uses a combination of buttons on the touchscreen and buttons on the faceplate located on the center of the instrument panel. These buttons allow you to access and change the Customer Programmable Features. Many features can vary by vehicle.

Buttons on the faceplate are located below and/or beside the Uconnect system in the center of the instrument panel. In addition, there is a Scroll/Enter control knob located on the right side. Turn the control knob to scroll through menus and change settings. Push the center of the control knob one or more times to select or change a setting.

Your Uconnect system may also have Screen Off and Mute buttons on the faceplate.

Push the Screen Off button on the faceplate to turn off the Uconnect screen. Push the button again or tap the screen to turn the screen on.

Press the Back Arrow button to exit out of a Menu or certain option on the Uconnect system.

CUSTOMER PROGRAMMABLE FEATURES



Uconnect 4C NAV With 12-inch Display Touchscreen And Faceplate Buttons

- 1 – Uconnect Buttons On The Touchscreen
2 – Uconnect Buttons On The Faceplate

For the Uconnect 3 With 5-inch Display, the Uconnect 4/4C NAV With 8.4-inch Display, and Uconnect 4C NAV With 12-inch Display

Press the **i** Apps button, then press the Settings button on the touchscreen to display the menu setting screen. In this mode the Uconnect system allows you to access programmable features.

NOTE:

- Depending on the vehicle's options, feature settings may vary.
- All settings should be changed with the ignition in the ON/RUN position.

When making a selection, only press one button at a time to enter the desired menu. Once in the desired menu, press and release the preferred setting "option" until a check mark appears next to the setting, showing that setting has been selected. Once the setting is complete, press the X button on the touchscreen to close out of the settings screen. Pressing the Up or Down Arrow button on the right side of the screen will allow you to toggle up or down through the available settings.

Language

When the Language button is pressed on the touchscreen, the system displays the different language options. Once an option is selected, the system will display in the chosen language. The available setting is:

Setting Name	Description
Language	This setting will change the language of the Uconnect system. The available languages are English, Français, and Español.

Display

When the Display button is pressed on the touchscreen, the system will display the options related to the theme (if equipped), brightness, and color of the touchscreen. The available settings are:

Setting Name	Description
Display Mode	This setting will allow you to set the brightness manually or have the system set it automatically. The “Auto” setting has the system automatically adjust the display brightness. The “Manual” setting will allow the user to adjust the brightness of the display.
Display Brightness With Headlights ON/Brightness	This setting will allow you to set the brightness when the headlights are on. To access this setting, Display Mode must be set to Manual. The “+” setting will increase the brightness; the “-” will decrease the brightness.
Display Brightness With Headlights OFF/Brightness	This setting will allow you to set the brightness when the headlights are off. To access this setting, Display Mode must be set to Manual. The “+” setting will increase the brightness; the “-” will decrease the brightness.
Set Theme — If Equipped	This setting will allow you to change the display theme.

Setting Name	Description
Keyboard — If Equipped	This setting will change the keyboard type on the display. The selectable keyboards are ABCDEF Keyboard, QWERTY Keyboard, and AZERTY Keyboard.
Touchscreen Beep	This setting will allow you to turn the touchscreen beep on or off.
Control Screen Timeout	This setting allows you to set the Control Screen to turn off automatically after five seconds or stay open until manually closed.
Navigation Next Turn Pop-ups Displayed in Cluster — If Equipped	This setting will display navigation prompts in the Instrument Cluster Display.
Phone Pop-ups Displayed In Cluster	This setting will display smartphone notifications and messages in the Instrument Cluster Display.
Fuel Saver Display	This setting will enable fuel saver mode in the Instrument Cluster Display.
Ready To Drive Pop-ups — If Equipped	This setting will enable the Ready To Drive Pop-ups in the Instrument Cluster Display.

Units

When the Units button is pressed on the touchscreen, the system displays the different measurement options. The selected unit of measurement will display in the instrument cluster display and Navigation system (if equipped). The available settings are:

Setting Name	Description
US	This setting will change the unit of measurement on the display to US.
Metric	This setting will change the unit of measurement on the display to Metric.
Custom	This setting changes the “Speed” (MPH or km/h), “Distance” (mi or km), “Fuel Consumption” (MPG [US], MPG [UK], L/100 km, or km/L), “Pressure” (psi, kPa, or bar), “Temperature” (°C or °F), and “Capacity” (Gal [US], Gal [UK], or L) units of measurement independently.

Voice

When the Voice button is pressed on the touchscreen, the system displays the options related to the vehicle’s Voice Recognition feature.

Setting Name	Description
Voice Response Length	This setting will change the response length for the Voice Recognition system. The “Brief” setting provides a shortened audio description from the system. The “Detailed” setting provides the full audio description from the system.
Show Command List	This setting will allow you to turn the command list on or off. The “Always” setting will always show the command list. The “With Help” setting will show the command list and provide a brief description of what the command does. The “Never” setting will turn the command list off.

Clock

When the Clock button is pressed on the touchscreen, the system displays the different options related to the vehicle's internal clock.

Setting Name	Description
Sync Time With GPS	This setting will sync the time to the GPS receiver in the system. The system will control the time via the GPS location.
Set Time And Format/Time Format	This setting will allow you to set the time format (AM/PM). Sync Time With GPS must be off for this setting to be available. The "12 hrs" setting will set the time to a 12-hour format. The "24 hrs" setting will set the time to a 24-hour format.
Set Time Hours	This setting will allow you to set the hours. Sync Time With GPS must be off for this setting to be available. The "+" setting will increase the hours. The "-" setting will decrease the hours.
Set Time Minutes	This setting will allow you to set the minutes. Sync Time With GPS must be off for this setting to be available. The "+" setting will increase the minutes. The "-" setting will decrease the minutes.
Show Time in Status Bar	This setting will place the time in the radio's status bar.

Camera — If Equipped

When the Camera button is pressed on the touchscreen, the system displays the options related to the vehicle's camera features.

Setting Name	Descriptions
Surround View Camera Delay	This setting will add a timed delay to the surround view camera when shifting out of reverse.
Surround View Camera Guidelines	This setting will turn the surround view camera guidelines on or off.

Setting Name	Descriptions
ParkView Backup Camera Delay	This setting will add a timed delay to the rear backup camera when shifting out of reverse.
ParkView Backup Camera Active Guidelines	This setting will turn the backup camera active guidelines on or off.
ParkView Backup Camera Fixed Guidelines	This setting will turn the backup camera fixed guidelines on or off.

Safety/Driving Assistance

When the Safety/Driving Assistance button is selected on the touchscreen, the system displays the options related to the vehicle's safety settings. These options will differ depending on the features equipped on the vehicle. The settings may display in list form or within subfolders on the screen. To access a subfolder, select the desired folder; the available options related to that feature will then display on the screen.

Setting Name	Description
Forward Collision Warning Sensitivity	This setting will change the distance at which the Forward Collision Warning (FCW) alert sounds. The "Medium" setting will have the FCW system signal when an object is in view, and the possibility of a collision is detected. The "Near" setting will have the FCW system signal when the object is closer to the vehicle. The "Far" setting will have the FCW system signal when an object is at a far distance from the vehicle.
Forward Collision Warning	This setting will turn the Forward Collision Warning system on or off. The "Off" setting will deactivate the FCW system. The "Warning Only" setting will provide only an audible chime when a collision is detected. The "Warning + Active Braking" setting will provide an audible chime and apply some brake pressure when a collision is detected.
Pedestrian Emergency Braking	This setting will turn the Pedestrian Emergency Braking system on or off.

Setting Name	Description
LaneSense Warning	This setting will change the distance at which the steering wheel will provide lane departure feedback. The available settings are “Early”, “Medium”, and “Late”.
LaneSense Strength	This setting will change the strength of the steering wheel feedback during a lane departure. The available setting are “Low”, “Medium”, and “High”.
ParkSense	This setting will change the type of ParkSense alert when a close object is detected. The “Sound Only” setting will provide an audible chime when an object is detected. The “Sound and Display” setting will provide both an audible chime and a visual display when an object is detected.
Front ParkSense Volume	This setting adjusts the volume of the Front ParkSense system. The available settings are “Low”, “Medium”, and “High”.
Rear ParkSense Volume	This setting adjusts the volume of the Rear ParkSense system. The available settings are “Low”, “Medium”, and “High”.
Rear ParkSense Braking Assist	This setting will turned the Rear ParkSense Braking Assist on or off.
Blind Spot Alert	This setting will change the type of alert provided when an object is detected in a vehicle’s blind spot. The “Off” setting will turn off Blind Spot Alert. The “Lights” setting will activate the Blind Spot Alert lights on the outside mirrors. The “Lights & Chime” setting will activate both the lights on the outside mirrors and an audible chime.
Trailer Length For Blind Spot Alert	This setting will auto detect the length of an attached trailer. The “Auto” setting will have the system automatically set the trailer length. The “Max” setting will always set the length to the maximum 39.5 ft (12 m).
Hill Start Assist	This setting will turn the Hill Start Assist system on or off.

Setting Name	Description
ParkView Backup Camera Delay	This setting will add a timed delay to the rear backup camera when shifting out of reverse.
ParkView Backup Camera Active Guidelines	This setting will turn the Backup Camera Active Guidelines on or off.
ParkView Backup Camera Fixed Guidelines	This setting will turn the Backup Camera Fixed Guidelines on or off.
Tire Fill Assist	This setting will turn Tire Fill Assist on or off.
Power Side Step — If Equipped	This setting will raise and lower or stow the power side steps. The available options are “Automatic” to raise and lower the power side steps or “Stow” to deactivate the power side steps.

Mirrors & Wipers — If Equipped

When the Mirrors & Wipers button is pressed on the touchscreen, the system displays the options related to the vehicle’s mirrors and wipers.

Setting Name	Description
Tilt Side Mirrors In Reverse	This setting will tilt the outside side-view mirrors when the ignition is in the ON/RUN position and the transmission gear selector is in the REVERSE position. The mirrors will move back to their previous position when the transmission is shifted out of REVERSE. The available settings are “On” and “Off”.
Rain Sensing Auto Wipers	This setting will turn the rain sensing auto wipers on or off.
Headlights With Wipers	This setting will turn the headlights on when the wipers are activated.

Brakes

After pressing the Brakes button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options
Auto Park Brake	This setting will turn the Auto Park Brake on or off.
Brake Service	This setting will allow you to retract the brakes for servicing.

Lights

When the Lights button is pressed on the touchscreen, the system displays the options related to the vehicle's exterior and interior lights.

NOTE:

When the "Daytime Running Lights" feature is selected, the daytime running lights can be turned on or off. This feature is only allowed by law in the country of the vehicle purchased.

Setting Name	Description
Headlight Off Delay	This setting will allow you to set the amount of time it takes for the headlights to shut off after the vehicle is turned off. The available settings are "0 sec", "30 sec", "60 sec", and "90 sec".
Headlight Illumination On Approach	This setting will allow you to set the amount of time it takes for the headlights to shut off after the vehicle is unlocked. The available settings are "0 sec", "30 sec", "60 sec", and "90 sec".
Headlights with Wipers	This setting will turn the headlights on when the wipers are activated.
Daytime Running Lights	This setting will allow you to turn the Daytime Running Lights on or off.
Flash Lights With Lock	This setting will allow you to turn the flashing of the lights when the Lock button is pushed on the key fob on or off.

Setting Name	Description
Auto Dim High Beams – If Equipped	This setting will allow you to turn the Auto Dim High Beams on or off.
Steering Directed Lights – If Equipped	This setting will turn the headlights with the steering wheel. The available options are “On” or “Off”.

Doors & Locks

When the Doors & Locks button is pressed on the touchscreen, the system displays the options related to locking and unlocking the vehicle’s doors.

Setting Name	Description
Auto Door Locks	This setting will allow you to change if the doors lock automatically when the vehicle reaches 12 mph (19 km/h).
Auto Unlock On Exit	This setting will unlock the doors when any of the doors are opened from the inside.
Flash Lights With Lock	This setting will allow you to turn the flashing of the lights when the Lock button is pushed on the key fob on or off.
Sound Horn With Lock	This setting will sound the horn when the Lock button is pushed on the key fob. The “Off” setting will not sound the horn when the Lock button is pushed. The “1st Press” setting will sound the horn when the Lock button is pushed once. The “2nd Press” setting will sound the horn when the Lock button is pushed twice.
Sound Horn With Remote Start	This setting will sound the horn when the remote start is activated from the key fob.

Setting Name	Description
Remote Door Unlock, Door Lock/1st Press Of Key Fob Unlocks	This setting will change how many pushes of the Unlock button on the key fob are needed to unlock all the doors. The “Driver Door” setting will only unlock the driver door on the first push on the Unlock button. The “All Doors” setting will unlock all doors with only one push of the Unlock button.
Passive Entry – If Equipped	This setting will allow you to turn the Passive Entry feature (Keyless Enter-N-Go) on or off.
Personal Settings Linked To Key Fob – If Equipped	This setting will recall preset radio stations and driver seat position that have been linked to the key fob.

Power Side Steps – If Equipped

When the Power Side Steps button is pressed on the touchscreen, the system will display setting related to the lowering of the power side steps.

Setting Name	Description
Power Side Steps	This setting will raise and lower or stow the power side steps. The available options are “Automatic” to raise and lower the power side steps and “Stow” to deactivate the power side steps.

Seats & Comfort/Auto-On Comfort Systems – If Equipped

When Seats & Comfort/Auto-On Comfort Systems button is pressed on the touchscreen, the system displays the options related to the vehicle's comfort systems when remote start has been activated or the vehicle has been started.

Setting Name	Description
Auto-On Driver Heated/Ventilated Seat & Heated Steering Wheel With Vehicle Start	This setting will activate the vehicle's comfort systems and heated seats (if equipped) or heated steering wheel (if equipped) when the vehicle is remote started or ignition is started. The "Off" setting will not activate the comfort systems. The "Remote Start" setting will only activate the comfort systems when using Remote Start. The "All Start" setting will activate the comfort systems whenever the vehicle is started.
Easy Exit Seats	This setting will automatically move the driver seat rearward when the engine is shut off. The available settings are "On" and "Off".

Key Off Options/Engine Off Options

When the Key Off Options/Engine Off Options button is pressed on the touchscreen, the system displays the options related to vehicle shutoff. These settings will only activate when the ignition is set to OFF.

Setting Name	Description
Easy Exit Seat	This setting adjusts the seats to make exiting the vehicle easier.
Engine Off Power Delay	This setting will keep certain electrical features running after the engine is turned off. When any door is opened, the electronics will deactivate. The available settings are "0 sec", "45 sec", "5 min", and "10 min".

Setting Name	Description
Headlight Off Delay	This setting will allow you to set the amount of time the headlights remain on after the vehicle has been turned off. The “+” will increase the amount of time. The “-” will decrease the amount of time.
Auto Entry/Exit – If Equipped	This setting will automatically lower the vehicle ride height for easier entry and exit of the vehicle.

Suspension/Air Suspension – If Equipped

When the Suspension/Air Suspension button is pressed on the touchscreen, the system will display settings related to the vehicle’s air suspension.

Setting Name	Description
Sound Horn With Lower	This setting will sound the horn when the Lower button is pressed on the key fob.
Flash Lights With Lower	This setting will flash the lights when the Lower button is pressed on the key fob.
Display Suspension Messages	This setting will display suspension messages in the Instrument Cluster Display. The “All” setting will display all available messages. The “Warnings Only” setting will only display warning messages.
Aero Mode	This setting will automatically adjust the vehicle ride height depending on the vehicle speed.
Tire Jack Mode	This setting will disable the air suspension system to assist in changing a spare tire.
Transport Mode	This setting will disable the air suspension system for flat towing.

Setting Name	Description
Wheel Alignment Mode	This setting must be activated before performing a wheel alignment. Refer to an authorized dealer for further information.
Four Corner Air Suspension Modes	There are three air suspension modes designed to protect the system in unique situations. Tire Jack Mode is selected to assist in changing a spare tire. Transport Mode is selected to assist when the vehicle is being flat bed towed. Wheel Alignment Mode is selected before performing a wheel alignment. Refer to an authorized dealer for information.

AUX Switches — If Equipped

When the AUX Switches button is pressed on the touchscreen, the system displays the options related to the four vehicle AUX switches.

Setting Name	Description
AUX 1-4	This setting will adjust the type and power source for the four vehicle AUX switches. There are two types: “Latching” and “Momentary”. The power source for the AUX switches can either be set to run off the “Battery” or from the “Ignition”. In addition to setting the type and power source, you can set if the vehicle will recall the previous state at which the AUX switches were set. The Recalled Last State setting can be set to “On” or “Off”. Last state conditions are met only if the type is set to Latching and the power source is set to Ignition.

Trailer Brake/Trailer

When the Trailer Brake/Trailer button is pressed on the touchscreen, the system will display settings related to trailer towing.

Setting Name	Description
Trailer Select	Select from Trailer 1, Trailer 2, Trailer 3, and Trailer 4. These trailer designations can be used to save different trailer settings.
Trailer Brake Type	This setting will set the system to a specific trailer type. The available options are "Light Electrics", "Heavy Electric", "Light Electric-Over-Hydraulic", and "Heavy Electric-Over-Hydraulic".
Trailer Name	This setting will personalize the trailer name depending on the type of trailer you are hauling. Select the trailer name from the following list: trailer, boat, car, cargo, dump, equipment, flatbed, gooseneck, horse, livestock, motorcycle, snowmobile, travel, utility, and 5th wheel.

Audio

When the Audio button is pressed on the touchscreen, the system displays options related to the vehicle's sound system. These settings can change the audio location within the vehicle, adjust the bass or treble levels, and auto-play settings from an audio device or smartphone.

Setting Name	Description
Balance/Fade	This setting will adjust audio levels from specific speakers in the front/back and left/right of the vehicle. The Speaker icon can be moved to set audio location.
Equalizer	This setting will adjust the "Bass", "Mid", and "Treble" ranges of the audio.

Setting Name	Description
Speed Adjusted Volume	This setting will adjust audio volume as speeds increase. At a higher setting, the volume will increase more as the vehicle speeds up. The available settings are "Off", "1", "2", and "3".
Surround Sound — If Equipped	This setting will turn the Surround Sound system on or off.
AUX Volume Offset	This setting will tune the audio levels from a device connected through the AUX port. The available settings are "+" and "-".
Auto Play	This setting will automatically begin playing audio from a connected device.
Loudness	This setting will improve audio quality at lower volumes.

Phone/Bluetooth®

When the Phone/Bluetooth® button is pressed on the touchscreen, the system displays the options related to Bluetooth® connectivity from an external audio device or smartphone. The list of paired audio devices or smartphones can be accessed from this menu.

Setting Name	Description
Phone Pop-Ups Displayed In Cluster	This setting will activate phone message pop-ups in the instrument cluster display.
Do Not Disturb	This setting will open the "Do Not Disturb" settings menu. The settings are Auto Reply (both, text, call), Auto Reply Message (custom, default), and Custom Auto Reply Message (create message).
Paired Phones	This setting will show the list of paired phones.
Paired Audio Sources	This setting will show the list of paired audio sources.
Paired Phones And Audio Devices	This setting will show the list of paired phones and audio devices.

SiriusXM® Setup

NOTE:

A subscription to SiriusXM® satellite radio is required for these settings to be functional.

When the SiriusXM® Setup button is pressed on the touchscreen, the system displays options related to SiriusXM® satellite radio. These settings can be used to skip specific radio channels and restart favorite songs from the beginning.

Setting Name	Selectable Options
Tune Start	This setting will play the current song from the beginning when you tune to a music channel using one of the 12 presets.
Channel Skip	This setting allows you to set channels that you wish to skip. A channel list will display of the skipped channels.
Subscription Information	This menu provides SiriusXM® subscription information. SiriusXM® Travel Link is a separate subscription.

Reset/Restore Settings To Default

When the Reset/Restore Settings To Default button is pressed on the touchscreen, the system displays the options related to resetting the Uconnect system back to its default settings. These settings can clear personal data and reset selected settings from other menus.

Setting Name	Description
Restore Settings	This setting will return all the previously changed settings to their factory default.
Reset App Drawer	This setting will reset the app drawer to its factory default layout.
Clear Personal Data	This setting will display a pop-up that gives you the option to clear all personal data from the system, including Bluetooth® devices and presets.

HEAD-UP DISPLAY (HUD)

The Head-Up Display layout on the instrument cluster can be customized through the Uconnect touchscreen. Each customized layout can be saved to the Driver Profiles that are created by the different drivers.

This feature is only accessed through the instrument cluster display once the “Custom” option is selected through the “Content & Layout” tab. To begin customizing the HUD layout through the instrument cluster display, follow these steps:

1. Through the instrument cluster display, using the Up and Down Arrow buttons on the steering wheel, select the Content & Layout option by pressing the OK button on the steering wheel.

NOTE:

This option will not be available if the vehicle is going more than 5 mph (8 km/h).

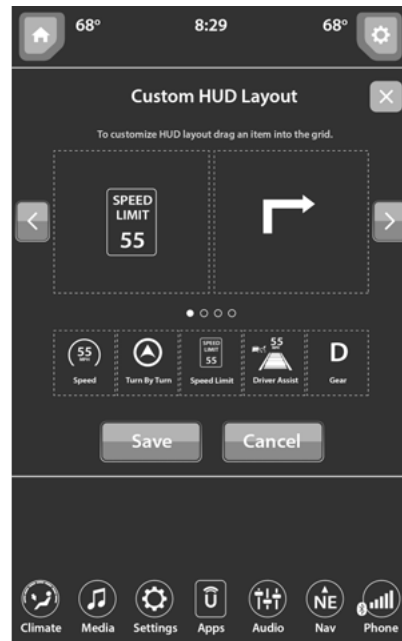
2. Select the Custom option by pushing the Right Arrow button on the steering wheel.

NOTE:

A message will appear on the instrument cluster display stating “Set Custom Layout in Radio”.






On the Uconnect touchscreen, you can select between four different custom layouts: Two icons, Three icons, Four icons, and Five icons. Press the Right or Left Arrow buttons, or the dots towards the bottom of the screen, to change your layout.

With your desired layout selected, you can drag and drop the available icons into the desired zones to customize the layout of your display.



HUD Layout

The following are the available icons that can be customized in the cluster:

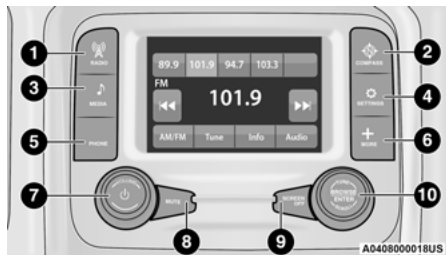
Feature Name	Icon	Description
Speed		This icon will show the vehicle's current speed.
Turn-By-Turn – If Equipped		This icon will show the upcoming direction for Navigation.
Speed Limit		This icon will show the current speed limit of the area you are driving in.
Driver Assist/Adaptive Cruise Control/Cruise Control And Lane Sense – If Equipped		This icon will show information related to Driver Assist, Adaptive Cruise Control, Cruise Control, and Lane Sense.
Gear		This icon will show the current gear the vehicle is in.

NOTE:

- After the HUD layout customization is completed, press the Save button located in the upper left corner of the touchscreen, and then the OK button under the “Save changes?” screen. Once saved, the instrument cluster will display a message “Setting Saved”.
- Press the X button located in the upper right corner of the touchscreen, and then press the Cancel button to exit out of customizing the HUD layout. Doing this will not retain any information customized in the layout view. The instrument cluster display will return to the layout options screen.
- Pressing any other menu item on the touchscreen, for example “Climate”, will take the user back to whatever screen they were previously on before accessing the HUD layout ↪ page 118.

UCONNECT INTRODUCTION

SYSTEM OVERVIEW







Uconnect 3 With 5-inch Display

- 1 – Radio Button
- 2 – Compass Button
- 3 – Media Button
- 4 – Settings Button
- 5 – Phone Button
- 6 – More Button
- 7 – Volume & On/Off
- 8 – Mute Button
- 9 – Screen Off Button
- 10 – Enter/Browse & Tune/Scroll Knob

NOTE:

Uconnect screen images are for illustration purposes only and may not reflect exact software for your vehicle.

Feature	Description
Radio/Media	Press the Radio button or Media button to enter Radio Mode/Media Mode and access the radio functions and external audio sources ↪ page 259.
Phone	Press the Phone button to enter Phone Mode and access the hands-free phone system ↪ page 271.
Settings	Press the Settings button to access the Uconnect Settings ↪ page 237.
	Push the Enter/Browse button on the faceplate to accept a highlighted selection on the screen. Rotate the Tune/Scroll rotary knob to scroll through a list or tune a radio station.
	Push the Screen Off button on the faceplate to turn the screen on or off.
	Push the Mute button on the faceplate to turn the audio of the radio system off. Push it again to turn the audio back on.
	Rotate the rotary knob to adjust the volume. Push the Volume & On/Off button on the faceplate to turn the system on or off.

Feature	Description
Compass	Press the Compass button to access the vehicle's compass.
More	Press the More button to access additional options.

SAFETY AND GENERAL INFORMATION

Safety Guidelines

WARNING!

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

Please read this manual carefully before using the system. It contains instructions on how to use the system in a safe and effective manner.

Do NOT attach any object to the touchscreen. Doing so can result in damage to the touchscreen.

Please read and follow these safety precautions. Failure to do so may result in injury or property damage.

- Glance at the screen only when safe to do so. If prolonged viewing of the screen is required, park in a safe location and set the parking brake.
- Stop use immediately if a problem occurs. Failure to do so may cause injury or damage to the product. See an authorized dealer for repair.
- Ensure the volume level of the system is set to a level that still allows you to hear outside traffic and emergency vehicles.

Safe Usage Of The Uconnect System

- The Uconnect system is a sophisticated electronic device. Do not let young children use the system.
- Permanent hearing loss may occur if you play your music or sound system at loud volumes. Exercise caution when setting the volume on the system.
- Keep drinks, rain and other sources of moisture away from the system. Besides damage to the system, moisture can cause electric shocks as with any electronic device.

NOTE:

Many features of this system are speed dependent. For your own safety, it is not possible to use some of the touchscreen features while the vehicle is in motion.

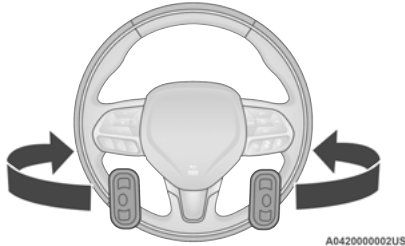
Care And Maintenance

- Do not press the touchscreen with any hard or sharp objects (pen, USB stick, jewelry, etc.), which could scratch the surface.
- Do not spray any liquid or chemicals directly on the screen! Use a clean and dry microfiber lens cleaning cloth in order to clean the touchscreen.
- If necessary, use a lint-free cloth dampened with a cleaning solution, such as isopropyl alcohol or an isopropyl alcohol and water solution ratio of 50:50. Be sure to follow the solvent manufacturer's precautions and directions ↷ page 482.

UNCONNECT MODES

STEERING WHEEL AUDIO CONTROLS

The remote sound system controls are located on the rear surface of the steering wheel at the three and nine o'clock positions.



Remote Sound System Controls

The right-hand control is a rocker-type switch with a push button in the center and controls the volume and mode of the sound system. Pushing the top of the rocker switch will increase the volume, and pushing the bottom of the rocker switch will decrease the volume.

Pushing the center button will make the radio switch between the various modes available (AM/FM/SXM or Media, etc.).

The left-hand control is a rocker-type switch with a push button in the center. The function of the left-hand control is different depending on which mode you are in.

The following describes the left-hand control operation in each mode:

Radio Operation

Pushing the top of the switch will Seek Up for the next available station and pushing the bottom of the switch will Seek Down for the next available station.

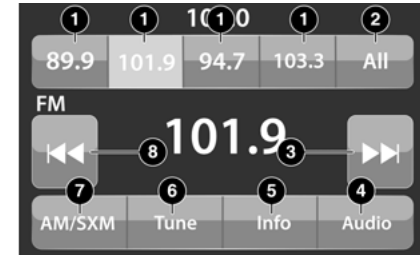
The button located in the center of the left-hand control will tune to the next preset station that you have programmed in the radio presets.

Media Mode

Pushing the top of the switch skips to the next track on the selected media (AUX/USB/Bluetooth®). Pushing the switch up twice will go forward two tracks. Pushing the bottom switch goes to the beginning of the current track, or the beginning of the previous track if it is within eight seconds after the current track begins to play. Double pressing the bottom button switch will skip to the previous track if it is after eight seconds into the current track.

RADIO MODE

Radio Controls



Uconnect 3 With 5-inch Display

- 1 — Preset Radio Stations
- 2 — All Preset Radio Stations
- 3 — Seek Up ►►
- 4 — Audio Settings
- 5 — Station Info
- 6 — Tune
- 7 — Radio Band (AM/FM)
- 8 — Seek Down ◀◀

The radio is equipped with the following modes:

- AM
- FM
- SiriusXM® Satellite Radio (if equipped)

Press the Radio button on the touchscreen to enter the Radio Mode. The different tuner modes, AM, FM, and SXM, can then be selected by pressing the corresponding buttons in Radio Mode.

Volume & On/Off Control

Push the Volume & On/Off control knob to turn on and off the Uconnect system.

The electronic volume control turns continuously (360 degrees) in either direction, without stopping. Turning the Volume & On/Off control knob clockwise increases the volume, and counterclockwise decreases it.

When the audio system is turned on, the sound will be set at the same volume level as last played.

Mute Button

Push the Mute button to mute or unmute the system.

Tune/Scroll Control

Turn the rotary Tune/Scroll control knob clockwise to increase or counterclockwise to decrease the radio station frequency. Push the Enter/Browse button to choose a selection.

Seek

The Seek Up and Down functions are activated by pressing the double arrow buttons on the touchscreen to the right and left of the radio station display or by pressing the left steering wheel audio control button up or down.

Seek Up ►► and Seek Down ◀◀

Press and release the Seek Up ►► or Seek Down ◀◀ button to tune the radio to the next available station or channel. During a Seek Up/Down function, if the radio reaches the starting station after passing through the entire band two times, the radio will stop at the station where it began.

Fast Seek Up ►► and Fast Seek Down ◀◀

Press, hold, and then release the Seek Up ►► or Seek Down ◀◀ button to advance the radio through the available stations or channels at a faster rate. The radio stops at the next available

station or channel when the button on the touchscreen is released.

NOTE:

Pressing and holding either the Seek Up ►► or Seek Down ◀◀ button will scan the different frequency bands at a slower rate.

Info — If Equipped

Press the Info button to display information related to the currently playing song and radio station.

Direct Tune

Press the Tune button located at the bottom of the radio screen to directly tune to a desired radio station or channel.

Press the available number button on the touchscreen to begin selecting a desired station. Once a number has been entered, any numbers that are no longer possible (stations that cannot be reached) will become deactivated/grayed out.

Undo


You can backspace an entry by pressing the Back ⌫ button on the touchscreen.

GO


Once the last digit of a station has been entered, press “GO”. The Direct Tune screen will close, and the system will automatically tune to that station.

Radio Voice Commands

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

Push the VR button  on the steering wheel and wait for the beep to say a command. See some examples below.

- “Tune to ninety-five-point-five FM”
- “Tune to Satellite Channel Hits 1”

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

SiriusXM® Satellite Radio Mode — If Equipped



Uconnect 3 With 5-inch Display Changing To SiriusXM®

SiriusXM® Satellite Radio uses direct satellite-to-receiver broadcasting technology to provide clear, coast-to-coast radio content. SiriusXM® is a subscription-based service.

Visit siriusxm.com/getallaccess or review your SiriusXM® Radio pamphlet in your Owner’s Manual kit for more information.

SiriusXM® services require subscriptions, sold separately after the trial included with the new vehicle purchase. If you decide to continue your service at the end of your trial subscription, the plan you choose will automatically renew and

bill at then-current rates until you call SiriusXM® at 866-635-2349 to cancel. See SiriusXM® Customer Agreement for complete terms at www.siriusxm.com (US) or www.siriusxm.ca (Canada).

All fees and programming subject to change. SiriusXM® satellite service is available only to those at least 18 and older in the 48 contiguous USA and D.C. Our SiriusXM® satellite service is also available in Canada and Puerto Rico (with coverage limitations). SiriusXM® Internet radio service is available throughout their satellite service area and in AK. © 2020 SiriusXM® Radio Inc. SiriusXM® and all related marks and logos are trademarks of SiriusXM® Radio Inc.

This functionality is only available for radios equipped with a Satellite receiver. In order to receive satellite radio, the vehicle needs to be outside with a clear view to the sky.

If the screen shows Acquiring Signal, you might have to change the vehicle’s position in order to receive a signal. In most cases, the satellite radio does not receive a signal in underground parking garages or tunnels.

No Subscription

Radios equipped with a Satellite receiver require a subscription to the SiriusXM® Service. When the Radio does not have the necessary subscription, the Radio is able to receive the Preview channel only.

Acquiring SiriusXM® Subscription

To activate the SiriusXM® Satellite Radio subscription, US visit siriusxm.com/getallaccess or call: 1-800-643-2112

Canada visit <https://www.siriusxm.ca/> or call: 1-800-465-2001 (English) or 1-800-387-9983 (French).

NOTE:

You will need to provide the SiriusXM® ID (RID) located at the bottom of the Channel 0 screen.

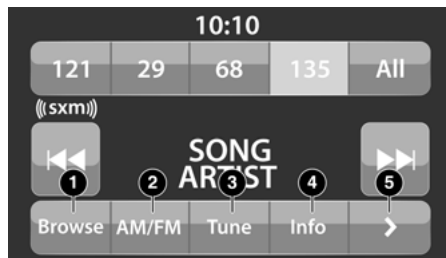
The Satellite Mode is activated by a press of the SXM button on the touchscreen.

When in Satellite Mode:

- The SXM button on the touchscreen is highlighted.
- The SiriusXM® Presets are displayed at the top of the screen.
- The SiriusXM® Channel Number is displayed in the center.
- The Program Information is displayed at the bottom of the Channel Number.
- The SiriusXM® function buttons are displayed below the Program Information.

Tuning is done by operating the Tune Knob or by Direct Tune, similar to other Radio Bands.

In addition to the tuning operation functions common to all radio modes, the replay, Traffic/Weather button, and Favorite button functions are available in SiriusXM® Mode.



Uconnect 3 With 5-inch Display SiriusXM® Satellite Radio




- 1 — Browse
- 2 — Radio Bands
- 3 — Direct Tune
- 4 — Info Button
- 5 — Next Button

Replay

The replay function provides a means to store and replay up to 22 minutes of music audio and 48 minutes of talk radio. Once the channel is switched, content in replay memory is lost.

Press the Replay button on the touchscreen. The play/pause, rewind/forward and live buttons will display at the top of the screen, along with the replay time.

You can exit by pressing the Replay button on the touchscreen any time during the Replay Mode.

<p>Play/Pause</p>		<p>Press the Pause/Play button on the touchscreen to pause the playing of live or rewind content at any time. Play can be resumed by pressing the Pause/Play button again on the touchscreen.</p>
<p>Rewind</p>		<p>Press the Rewind button on the touchscreen to rewind the content in steps of five seconds. Pressing the Rewind button on the touchscreen for more than two seconds rewinds the content. The radio begins playing the content at the point at which the press is released.</p>
<p>Forward</p>		<p>Each press of the Forward button on the touchscreen forwards the content in steps of five seconds. Forwarding of the content can only be done when the content is previously rewind, and therefore, cannot be done for live content. A continuous press of the Forward button on the touchscreen also forwards the content. The radio begins playing the content at the point at which the press is release.</p>
<p>Live</p>	<p>Live</p>	<p>Press the Live button on the touchscreen to resume the playing of live content.</p>

Favorites

Press the Favorites button on the touchscreen to activate the favorites menu, which will time out within 20 seconds in absence of user interaction.

You can exit the Favorites Menu by a press of the X button.

The favorites feature enables you to set a favorite artist or song that is currently playing. The radio then uses this information to alert you when either the favorite artist or song is being played at any time by any of the SiriusXM® Channels.

The maximum number of favorites that can be stored in the Radio is 50.

Favorite Artist: While the song is playing, to set a favorite artist, press the Favorites button on the touchscreen and then the Favorite Artist button on the touchscreen.

Favorite Song: While the song is playing, to set a favorite song, press the Favorites button on the touchscreen and then the Favorite Song button on the touchscreen.

Browse In SXM

Press the Browse button on the touchscreen to edit Presets, Favorites, Game Zone, and Jump settings, along with providing the SiriusXM® Channel List.

This Screen contains many submenus. You can exit submenus to return to a parent menu by pressing the Back arrow.

All

Press the All button on the Browse Screen. When pressing the All button, the following categories become available:

- **Channel List** Press the Channel List to display all the SiriusXM® Channel Numbers. You can scroll the Channel List by pressing the Up and Down arrows, located on the right side of the screen. Scrolling can also be done by operating the Tune/Scroll knob.
- **Genre List** Press the Genre button on the touchscreen to display a list of Genres. You can select any desired Genre by pressing the Genre List. The radio tunes to a channel with the content in the selected Genre.

Favorites

Press the Favorites button on the Browse screen.

The Favorites menu provides a means to edit the Favorites list and to configure the Alert Settings, along with providing a list of Channels currently airing any of the items in the Favorites list.

You can scroll the Favorites list by pressing the Up and Down arrows located at the right side of the screen. Scrolling can also be done by operating the Tune/Scroll knob as well.

Remove Favorites

Press the Remove Favorites tab at the top of the screen. Press the Delete All button on the touchscreen to delete all of the Favorites or press the Trash Can icon next to the Favorite to be deleted.

Alert Settings

Press the Alert Settings tab at the top of the Favorites screen. The Alert Settings menu allows you to choose from a visual alert or audible and visual alert when one of your favorites is airing on any of the SiriusXM® channels.

Game Zone

Press the Game Zone button, located at the left of the Browse screen. This feature provides you with the ability to select teams, edit the selection, and set alerts.

On Air

Press the On-Air tab at the top of the screen. The On-Air list provides a list of Channels currently airing any of the items in the Selections list, and pressing any of the items in the list tunes the radio to that channel.

Add/Delete — If Equipped

Press the Add/Delete button on the touchscreen to activate the League Scroll list. Press the chosen league and a scroll list of all teams within the league will appear, then you can select a team by pressing the corresponding box. A check mark appears for all teams that are chosen.

Remove Selection/Trash Can Icon

Press the Remove Selection tab at the top of the screen. Press the Delete All button on the touchscreen to delete all of the selections or press the Trash Can icon next to the selection to be deleted.

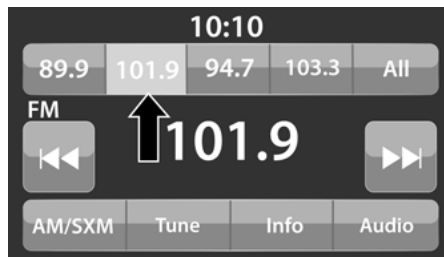
Alert Settings

Press the Alert Setting tab at the top of the screen. The Alert Settings menu allows you to choose from “Alert me to on-air games upon start” or “Alert upon score update” or both when one or more of your selections is airing on any of the SiriusXM® channels.

Tune Start

Tune Start begins playing the current song from the beginning when you tune to a music channel using one of the 12 presets. This feature occurs the first time the preset is selected during that current song.

Setting Presets



Uconnect 3 With 5-inch Display Radio Presets

The Presets are available for all Radio Modes, and are activated by pressing any of the Preset buttons, located at the top of the screen.

When you are on a station that you wish to save as a preset, press and hold the numbered button on the touchscreen for more than two seconds.

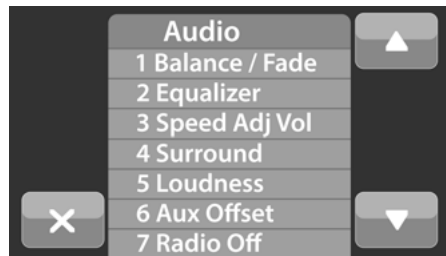
The Radio stores up to 12 presets in each of the Radio Modes.

For the Uconnect 3 With 5-inch Display

A set of four presets will appear on the screen. Press the All button to view all saved presets. To remove a saved preset, a new preset must be saved over the old one.

Audio Settings

Press the Audio button within the settings main menu to activate the Audio Settings screen.



Uconnect 3 With 5-inch Display

- 1 – Balance/Fade
 - 2 – Equalizer
 - 3 – Speed Adjusted Volume
 - 4 – Surround Sound
 - 5 – Loudness
 - 6 – AUX Volume Offset
 - 7 – Radio Off With Door – If Equipped
-

Audio Setting	Description
Balance/Fade	Press the Balance/Fade button on the touchscreen to balance audio between the front speakers or fade the audio between the rear and front speakers. Press the Front, Rear, Left or Right buttons or press and drag the red Speaker icon to adjust the Balance/Fade.
Equalizer	Press the + or – buttons or press and drag the level bar to increase or decrease each of the equalizer bands. The level value, which spans between plus or minus nine, is displayed at the top of each of the bands.
Speed Adjusted Volume	The Speed Adjusted Volume is adjusted by selecting from “Off”, “1”, “2”, and “3”. This alters the automatic adjustment of the audio volume with variation to vehicle speed. Volume increases automatically as speed increases to compensate for normal road noise.
Surround Sound – If Equipped	When Surround Sound is on, you can hear audio coming from every direction as in a movie theatre or home theatre system.
Loudness – If Equipped	When Loudness is on, the sound quality at lower volumes improves.
AUX Volume Offset	The AUX Volume Offset is adjusted by pressing + and – buttons. This alters the AUX input audio volume. The level value, which spans between plus or minus three, is displayed above the adjustment bar.
Auto Play – If Equipped	The Auto Play feature begins playing music as soon as a USB Media device is connected to one of the vehicle’s Media USB ports, when it is turned on. Press Off to turn the setting off.
Radio Off With Door – If Equipped	The Radio Off With Door feature, when activated, keeps the radio on until the driver or passenger door is opened or when the Radio Off Delay selected time has expired.

MEDIA MODE

Operating Media Mode



Uconnect 3 With 5-inch Display Operating Media Mode

- 1 – Seek Down ◀◀
- 2 – Seek Up ▶▶
- 3 – Additional Functions
- 4 – Info
- 5 – Pause/Play
- 6 – Source
- 7 – Browse

Media Mode is entered by pushing the MEDIA button located on the faceplate.

Audio Source Selection

Once in Media Mode, press the Source or Source Select button on the touchscreen and

the desired mode button on the touchscreen. USB, AUX, and Bluetooth® are the Media sources available. When available, you can select the Browse button on the touchscreen to be given these options:

- Now Playing
- Artists
- Albums
- Genres
- Songs
- Playlists
- Folders

For the Uconnect 3 With 5-inch Display, Media Mode is entered by pushing the Media button located on the faceplate.

Types of Media Modes

USB Mode

Overview

USB Mode is entered by either inserting a USB device into the USB Port, or by pressing the Media button on the faceplate and then selecting the USB button.

On the Uconnect 3 with 5-inch Display, if you insert a USB device with the ignition ON, the unit will switch to USB Mode and begin to play. The display will show the track number and index time in minutes and seconds. Play will begin at the start of track 1.

Bluetooth® Mode

Overview

Bluetooth® Streaming Audio or Bluetooth® Mode is entered by pairing a Bluetooth® device, containing music, to the Uconnect system.

Before proceeding, the Bluetooth® device must be paired to the Uconnect Phone to communicate with the Uconnect system.

On the Uconnect 3 with 5-inch Display, push the Media button located on the faceplate. Once in Media Mode, press the Source button on the touchscreen and select the Bluetooth® button [page 271](#).

To access Bluetooth® Mode, press the Bluetooth® button on the left side of the touchscreen or under the Source Select/Select Source button (if equipped).

AUX Mode

Overview

Auxiliary Mode (AUX) is entered by inserting an AUX device using a cable with a 3.5 mm audio jack into the AUX port or pushing the Media button on the faceplate and then selecting the Source button and then the AUX button.

To insert an Auxiliary device, gently insert the Auxiliary device cable into the AUX Port. If you insert an Auxiliary device with the ignition and the radio on, the unit will switch to AUX Mode and begin to play.

Controlling The Auxiliary Device

The control of the Auxiliary device (e.g., selecting playlists, play, fast forward, etc.) cannot be provided by the radio; use the device controls instead. Adjust the volume with the Volume button, Volume/Mute rotary knob, or the On/Off rotary knob, or with the volume of the attached device.

NOTE:

The radio unit is acting as the amplifier for audio output from the Auxiliary device. Therefore, if the volume control on the Auxiliary device is set too low, there will be insufficient audio signal for the radio unit to play the music on the device.

Seek Up ►► / Seek Down ◀◀

In USB Mode, press the Seek Up button on the touchscreen for the next selection on the USB device. Press and release the Seek Down button on the touchscreen to return to the beginning of the current selection, or to return to the beginning of the previous selection if the USB device is within the first three seconds of the current selection.

In Bluetooth® Mode, press and release the Seek Up button on the touchscreen for the next selection on the Bluetooth® device. Press and release the Seek Down button on the touchscreen to return to the beginning of the current selection, or return to the beginning of the previous selection if the Bluetooth® device is within the first second of the current selection.

Browse

In USB Mode, press the Browse button on the touchscreen to display the browse window. In USB Mode, the left side of the browse window displays a list of ways you can browse through the contents of the USB device. If supported by the device, you can browse by Folder, Artist, Playlist, Album, Song, etc. Press the desired

button on the touchscreen on the left side of the screen. The center of the browse window shows items and its sub-functions, which can be scrolled through by pressing the Up and Down buttons to the right. The Tune/Scroll knob can also be used to scroll.

On the Uconnect 3 With 5-inch Display, rotate the Browse button on the touchscreen to scroll through and select a desired track on the device. Press the Exit button on the touchscreen if you wish to cancel the Browse function.

Media Mode

In USB Mode, press the Media button on the touchscreen to select the desired audio source: USB.

In Bluetooth® Mode, press the Media button on the touchscreen to select the desired audio source: Bluetooth®.

In AUX Mode, press the Media button on the touchscreen to select the desired audio source: AUX.

Repeat

In USB Mode, press the Repeat button on the touchscreen to toggle the repeat functionality. The Repeat button on the touchscreen is highlighted when active. The Radio will continue to play the current track, repeatedly, as long as the repeat is active. Press the Repeat button again to enter Repeat All. The radio will continue to play all the current tracks, repeatedly, as long as the repeat function is active. To cancel Repeat, press the Repeat button a third time.

Shuffle

In USB Mode, press the Shuffle button on the touchscreen to play the selections on the USB device in random order to provide an interesting change of pace. Press the Shuffle button on the touchscreen a second time to turn this feature off.

Audio

Audio settings can be accessed by pressing the Audio button → page 259.

Info

In both Disc and USB Modes, press the Info button on the touchscreen to display the current track information. Press the Info or X button on the touchscreen a second time to cancel this feature.

Tracks


In both Disc and USB Modes, press the Tracks button on the touchscreen to display a pop-up with the Song List. The song currently playing is indicated by an arrow and lines above and below the song title. When in the Tracks List screen you can rotate the Tune/Scroll knob to highlight a track (indicated by the line above and below the track name) and then push the Enter/Browse knob to start playing that track.

In Bluetooth® Mode, if the Bluetooth® device supports this feature, press the Tracks button on the touchscreen to display a pop-up with the Song List. The currently playing song is indicated by a red arrow and lines above and below the song title.

Pressing the Tracks button on the touchscreen while the pop-up is displayed will close the pop-up.

Media Voice Commands

Uconnect offers connections via USB, Bluetooth®, and auxiliary (AUX) ports. Voice operation is only available for connected USB and AUX devices.

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

- “Change source to Bluetooth®”
- “Change source to AUX”
- “Change source to USB”
- “Play artist Beethoven”; “Play album Greatest Hits”; “Play song Moonlight Sonata”; “Play genre Classical”

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

PHONE MODE

Overview

Uconnect Phone is a voice-activated, hands-free, in-vehicle communications system. It allows you to dial a phone number with your mobile phone.

The feature supports the following:

Voice Activated Features

- Hands-Free dialing via Voice (“Call John Smith Mobile” or “Dial 248-555-1212”).
- Hands-Free text-to-speech listening of your incoming SMS messages.
- Hands-Free Text Message Replying: Forward one of 18 predefined SMS messages to incoming calls/text messages.
- Redialing last dialed numbers (“Redial”).
- Calling Back the last incoming call number (“Call Back”).
- Viewing call logs on screen (“Show Incoming Calls,” “Show Outgoing Calls,” “Show Missed Calls,” or “Show Recent Calls”).
- Searching Contacts phone number (“Search for John Smith Mobile”).

Screen Activated Features

- Dialing via Keypad using touchscreen.
- Viewing and Calling contacts from Phone-books displayed on the touchscreen.
- Setting Favorite Contact phone numbers so they are easily accessible on the Main Phone screen.
- Viewing and Calling contacts from Recent Call logs.
- Reviewing your recent Incoming SMS Messages.
- Pairing up to 10 phones/audio devices for easy access to connect to them quickly.

NOTE:

Your phone must be capable of SMS messaging via Bluetooth® for messaging features to work properly.

Your mobile phone’s audio is transmitted through your vehicle’s audio system; the system will automatically mute your radio when using the Uconnect Phone.

For Uconnect customer support:

- US visit UconnectPhone.com or call 877-855-8400
- Canada visit UconnectPhone.com or call 800-465-2001 (English) or (French) call 800-387-9983

Uconnect Phone allows you to transfer calls between the system and your mobile phone as you enter or exit your vehicle and enables you to mute the system’s microphone for private conversation.


WARNING!

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


The Phone feature is driven through your Bluetooth® “Hands-Free Profile” mobile phone. Uconnect features Bluetooth® technology—the global standard that enables different electronic devices to connect to each other

without wires or a docking station. Ensure you phone is turned on with Bluetooth® active and has been paired to the Uconnect system. Up to 10 mobile phones or audio devices are allowed to be linked to the system. Only one linked (or paired) mobile phone and one audio device can be used with the system at a time.

Phone Button

The Phone button  on your steering wheel is used to get into the Phone Mode and make calls, show recent, incoming or outgoing calls, view phonebook, etc. When you press the button you will hear a BEEP. The BEEP is your signal to give a command.

Voice Command Button

The Voice Command button  on your steering wheel is only used for “barge in” and when you are already in a call or want to make another call.

The button on your steering wheel is also used to access the Voice Commands for the Uconnect Voice Command features if your vehicle is equipped.

Phone Operation

Operation

Voice commands can be used to operate the Uconnect Phone and to navigate its menu structure. Voice commands are required after most Uconnect Phone prompts. There are two general methods for how Voice Command works:

1. Say compound commands like “Call John Smith mobile”.
2. Say the individual commands and allow the system to guide you to complete the task.

You will be prompted for a specific command and then guided through the available options.

- Prior to giving a voice command, one must wait for the beep, which follows the “Listen” prompt or another prompt.
- For certain operations, compound commands can be used. For example, instead of saying “Call” and then “John Smith” and then “mobile”, the following compound command can be said: “Call John Smith mobile.”

- For each feature explanation in this section, only the compound command form of the voice command is given. You can also break the commands into parts and say each part of the command when you are asked for it. For example, you can use the compound command form voice command “Search for John Smith,” or you can break the compound command form into two voice commands: “Search Contacts” and when asked, “John Smith.” Please remember, the Uconnect Phone works best when you talk in a normal conversational tone, as if speaking to someone sitting a few feet/meters away from you.

Natural Speech

Your Uconnect Phone Voice system uses a Natural Language Voice Recognition (VR) engine.

Natural speech allows the user to speak commands in phrases or complete sentences. The system filters out certain non-word utterances and sounds such as “ah” and “eh.” The system handles fill-in words such as “I would like to”.

The system handles multiple inputs in the same phrase or sentence such as “make a phone call” and “to Kelly Smith”. For multiple inputs in the same phrase or sentence, the system identifies the topic or context and provides the associated follow-up prompt such as “Who do you want to call?” in the case where a phone call was requested but the specific name was not recognized.

The system utilizes continuous dialog. When the system requires more information from the user, it will ask a question to which the user can respond without pushing the Voice Command button on the steering wheel.

Help Command

If you need assistance at any prompt, or if you want to know your options at any prompt, say “Help” following the beep.

To activate the Uconnect Phone from idle, simply push the Phone button (if active) on your steering wheel and say a command or say “Help”. All Phone sessions begin with a push of the VR button or Phone button on the radio faceplate.

Cancel Command

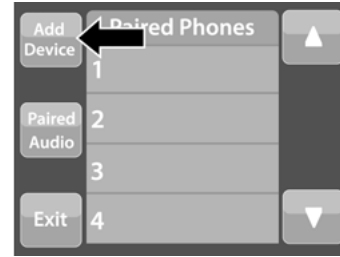
At any prompt, after the beep, you can say “Cancel” and you will be returned to the main menu.

You can also push the VR button or Phone button on your steering wheel when the system is listening for a command and be returned to the main or previous menu.

Pair (Link) Uconnect Phone To A Mobile Phone

To begin using your Uconnect Phone, you must pair your compatible Bluetooth®-enabled mobile phone. Mobile phone pairing is the process of establishing a wireless connection between a cellular phone and the Uconnect system.

To complete the pairing process, you will need to reference your mobile phone’s manual. Please visit UconnectPhone.com for complete mobile phone compatibility information.



Uconnect 3 With 5-inch Display

NOTE:

- You must have Bluetooth® enabled on your phone to complete this procedure.
- The vehicle must be in PARK or at a standstill.

Follow the steps below to pair your phone:

1. Place the ignition in the ACC or ON/RUN position.
2. Press the Phone button.

NOTE:

- If there are no phones currently connected with the system, a pop-up will appear asking if you would like to pair a mobile phone.
 - This pop-up only appears when the user enters Phone Mode and no other device(s) have previously been paired. If the system has a phone previously paired, even if no phone is currently connected with the system, this pop-up will not appear.
3. Select “Yes” to begin the pairing process.
 4. Search for available devices on your Bluetooth®-enabled mobile phone.
 - Press the Settings button on your mobile phone.
 - Select “Bluetooth®” and ensure it is enabled. Once enabled, the mobile phone will begin to search for Bluetooth® connections.

NOTE:

During the pairing procedure, you may receive a pop-up on your touchscreen asking you to make sure the PIN on the touchscreen matches the PIN from the pop-up on your mobile phone.

5. If “No” is selected, and you still would like to pair a mobile phone, press the Pairing or Settings button from the Uconnect Phone main screen.
 - Press the Paired Phones button.
 - Search for available devices on your Bluetooth®-enabled mobile phone (see below). When prompted on the phone, select “Uconnect” and accept the connection request.
6. Uconnect Phone will display an in-progress screen while the system is connecting.
7. When your mobile phone finds the Uconnect system, select “Uconnect.”
8. When prompted on the mobile phone, accept the connection request from Uconnect.
9. When the pairing process has successfully completed, the system will prompt you to choose whether or not this is your favorite phone. Selecting “Yes” will make this phone the highest priority. This phone will take precedence over other paired phones within range and will connect to the Uconnect system automatically when entering the

vehicle. Only one mobile phone and/or one Bluetooth® audio device can be connected to the Uconnect system at a time. If “No” is selected, simply select “Uconnect” from the mobile phone/audio device Bluetooth® screen, and the Uconnect system will reconnect to the Bluetooth® device.

NOTE:

For phones which are not made a favorite, the phone priority is determined by the order in which it was paired. The most recent phone paired will have the higher priority.

NOTE:

During the pairing procedure, you may receive a pop-up on your mobile phone for the Uconnect system to access your “messages” and “contacts”. Selecting “Ok” or “Allow” will sync your contacts with the Uconnect system.

You can also use the following VR command to bring up the Paired Phone screen from any screen on the radio:

- “Show Paired Phones”

NOTE:

Software updates on your phone or the Uconnect system may interfere with the Blue-

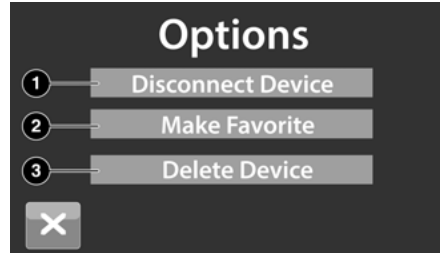
tooth® connection. If this happens, simply repeat the pairing process. However, first make sure to delete the device from the list of phones on your Uconnect system. Next, be sure to remove Uconnect from the list of devices in your phone's Bluetooth® settings.

Connecting To A Particular Mobile Phone Or Audio Device After Pairing

Uconnect Phone will automatically connect to the highest priority paired phone and/or Audio Device within range. If you need to choose a particular phone or audio device follow these steps:

1. Press the Settings button on the touchscreen.
2. Press the Paired Phones/Audio Sources buttons.
3. Press to select the particular phone or the particular audio device. A pop-up menu will appear; press "Connect Phone".
4. Press the X to exit out of the Settings screen.

Disconnecting or Deleting A Phone Or Audio Device



Uconnect 3 With 5-inch Display

- 1 – Disconnect Device Or Disconnect Phone
- 2 – Make Favorite
- 3 – Delete Device/Phone

1. Press the Uconnect Phone Pairing or Settings button.
2. Press the Paired Phones/Audio Sources buttons.
3. Press the Settings button located to the right of the device name for a different phone or audio device than the currently connected device or press the preferred Connected Phone from the list.

4. The option's pop-up will be displayed.
5. Press the Disconnect Device or the Delete Device button on the touchscreen.
6. Press the X to exit out of the Settings screen.

Making A Phone Or Audio Device A Favorite

1. On the Paired Phone/Audio sources screen, press the Settings button located to the right of the device name for a different phone or audio device than the currently connected device or press the preferred "Connected Phone" from the list.
2. The option's pop-up will be displayed.
3. Press the Make Favorite button on the touchscreen; you will see the chosen device move to the top of the list.
4. Press the X to exit out of the Settings screen.

Phonebook Download (Automatic Phonebook Transfer From Mobile Phone) – If Equipped

If supported by your phone, Uconnect Phone has the ability to download contact names and number entries from the mobile phone's

phonebook. Specific Bluetooth® Phones with Phonebook Access Profile may support this feature. Your mobile phone may receive a pop-up asking for permission for the Uconnect system to access your messages and contacts. Selecting “Ok” or “Allow” will sync your contacts with the Uconnect system.

See the Uconnect website, UconnectPhone.com, for supported phones.

- To call a name from a downloaded mobile phonebook, follow the procedure in the “Voice Command” in this section.
- Automatic download and update of a phonebook, if supported, begins as soon as the Bluetooth® wireless phone connection is made to the Uconnect Phone, for example, after you start the vehicle.
- A maximum of 5,000 contact names with four numbers per contact will be downloaded and updated every time a phone is connected to the Uconnect Phone.
- Depending on the maximum number of entries downloaded, there may be a short delay before the latest downloaded names can be used. Until then, if available, the previously downloaded phonebook is available for use.

- Only the phonebook of the currently connected mobile phone is accessible.
- This downloaded phonebook cannot be edited or deleted on the Uconnect Phone. These can only be edited on the mobile phone. The changes are transferred and updated to Uconnect Phone on the next phone connection.

Managing Your Favorites – If Equipped

There are two ways you can add an entry to your favorites:

1. After loading the mobile phonebook, press the Favorites button on the touchscreen, and then press one of the +Add Favorite Contact buttons that appears on the list.
2. After loading the mobile phonebook, select “Contacts” from the Phone main screen, and then select the appropriate number. Press the Down Arrow button next to the selected number to display the option’s pop-up. In the pop-up, select “Add to Favorites”.

NOTE:

If the Favorites list is full, you will be asked to remove an existing favorite.

To Remove A Favorite – If Equipped

1. To remove a Favorite, select “Favorites” from the Phone main screen.
2. Next, select the Down Arrow icon next to the contact you want to remove from your favorites. This will bring up the options for that Favorite contact.
3. Deselect the Star icon to delete the Favorite.

Phone Call Features

The following features can be accessed through the Uconnect Phone if the feature(s) are available and supported by Bluetooth® on your mobile service plan. For example, if your mobile service plan provides three-way calling, this feature can be accessed through the Uconnect Phone. Check with your mobile service provider for the features that you have.

Listed below are the phone options with Uconnect:

- Redial
- Dial by pressing in the number

- Voice Commands (Dial by Saying a Name, Call by Saying a Phonebook Name, Redial or Call Back)
- Favorites
- Mobile Phonebook
- Recent Call Log
- SMS Message Viewer

Call Controls

The touchscreen allows you to control the following call features:



Uconnect 3 With 5-inch Display

- 1 – Answer
- 2 – Mute/Unmute
- 3 – Transfer
- 4 – Ignore

Other phone call features include:

- End Call
- Hold/Unhold/Resume
- Swap two active calls

Key Pad Number Entry

1. Press the Phone button.
2. Press the Dial/Keypad button on the touchscreen.
3. The Touch-Tone screen will be displayed.
4. Use the numbered buttons on the touchscreens to enter the number and press “Dial/Call”.

Recent Calls – If Equipped

You may browse a list of the most recent of each of the following call types:

- All Calls
- Incoming Calls or Calls Received
- Outgoing Calls or Calls Made
- Missed Calls

These can be accessed by pressing the Recent Calls button on the phone main screen.

You can also push the VR button on your steering wheel and perform the above operation. For example, say “Show my incoming calls”.

Answer Or Ignore An Incoming Call – No Call Currently In Progress

When you receive a call on your mobile phone, the Uconnect Phone will interrupt the vehicle audio system. Push the Phone button on the steering wheel, press the Answer button on the touchscreen.



Uconnect 3 With 5-inch Display

- 1 – Answer Button
- 2 – Caller ID Box

Answer Or Ignore An Incoming Call – Call Currently In Progress

If a call is currently in progress and you have another incoming call, you will hear the same network tones for call waiting that you normally hear when using your mobile phone. Push the Phone button on the steering wheel, press the Answer button on the touchscreen, or press the Caller ID box to place the current call on hold and answer the incoming call.

NOTE:

Phones that are compatible with the Uconnect system in the market today do not support rejecting an incoming call when another call is in progress. Therefore, the user can only answer an incoming call or ignore it.

Do Not Disturb

With Do Not Disturb, you can disable notifications from incoming calls and texts, allowing you to keep your eyes on the road and hands on the wheel. For your convenience, there is a counter display to keep track of your missed calls and text messages while Do Not Disturb is active.

Do Not Disturb can automatically reply with a text message, a call, or both when declining an incoming call and send it to voicemail.

Automatic reply messages can be:

- “I am driving right now, I will get back to you shortly”.
- Create a custom auto reply message up to 160 characters.

NOTE:

Only the first 25 characters can be seen on the touchscreen while typing a custom message.

While in Do Not Disturb, Conference Call can be selected so you can still place a second call without being interrupted by incoming calls.

NOTE:

- Reply with text message is not compatible with iPhones®.
- Auto reply with text message is only available on phones that support Bluetooth® Message Access Profile (MAP).

Place/Retrieve A Call From Hold

During an active call, press the Hold or Call On Hold button on the Phone main screen.

Making A Second Call While Current Call Is In Progress

You can place a call on hold by pressing the Hold button on the Phone main screen, then dial a number from the keypad (if supported by your mobile phone), recent calls, SMS Inbox or from the phonebooks.

Toggle Between Calls



Uconnect 3 With 5-inch Display

If two calls are in progress (one active and one on hold), press the Swap Calls button on the phone main screen. Only one call can be placed on hold at a time.

You can also push the Phone button to toggle between the active and held phone call.


Join Calls

When two calls are in progress (one active and one on hold), press the Join/Merge Calls Call button the Phone main screen to combine all calls into a conference call.

Call Termination

To end a call in progress, momentarily press the End Call button on the touchscreen or the Phone End button on the steering wheel. Only the active call(s) will be terminated and if there is a call on hold, it will become the new active call.

Redial

Push the VR button  and after the “Listening” prompt and the following beep, say “Redial.”

The Uconnect Phone will call the last number that was dialed from your mobile phone.

Call Continuation

Call continuation is the progression of a phone call on the Uconnect Phone after the vehicle ignition has been switched to OFF.

NOTE:

The call will remain within the vehicle audio system until the phone becomes out of range for the Bluetooth® connection. It is recommended to press the Transfer button on the touchscreen when leaving the vehicle.

Advanced Phone Connectivity

Transfer Call To And From Mobile Phone

The Uconnect Phone allows ongoing calls to be transferred from your mobile phone without terminating the call. To transfer an ongoing call from your connected mobile phone to the Uconnect Phone or vice versa, press the Transfer button on the Phone main screen.

Things You Should Know About Uconnect Phone

Voice Command

For the best performance:

- Always wait for the beep before speaking

- Speak normally, without pausing, just as you would speak to a person sitting a few feet/meters away from you
- Ensure that no one other than you is speaking during a voice command period
- Low-To-Medium Blower Setting
- Low-To-Medium Vehicle Speed
- Low Road Noise
- Smooth Road Surface
- Fully Closed Windows
- Dry Weather Conditions

WARNING!

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

Even though the system is designed for many languages and accents, the system may not always work for some.

NOTE:

It is recommended that you do not store names in your Favorites phonebook while the vehicle is in motion.

Number and name recognition rate is optimized when the entries are not similar. You can say “O” (letter “O”) for “0” (zero).

Even though international dialing for most number combinations is supported, some shortcut dialing number combinations may not be supported.

Audio Performance

Audio quality is maximized under:

- Low-To-Medium Blower Setting
- Low-To-Medium Vehicle Speed
- Low Road Noise
- Smooth Road Surface
- Fully Closed Windows
- Dry Weather Conditions
- Operation From The Driver's Seat

Performance such as audio clarity, echo, and loudness to a large degree rely on the phone and network, and not the Uconnect Phone.


Echo at the far end can sometimes be reduced by lowering the in-vehicle audio volume.

Phone Voice Commands



Making and answering hands-free phone calls is easy with Uconnect. When the Phonebook button is illuminated on your touchscreen, your system is ready. Check UconnectPhone.com for mobile phone compatibility and pairing instructions.

Push the Phone button  and wait for the beep to say a command. See some examples below:

- “**Call** John Smith”
- “**Dial** 123 456 7890”
- “**Redial**” (call previous outgoing phone number)
- “**Call back**” (call previously answered incoming phone number)

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

Voice Text Reply — If Equipped

Uconnect can announce **incoming** text messages. Push the VR button  or Phone button  and say:

1. “**Listen**” to have the system read an incoming text message. (Must have compatible mobile phone paired to Uconnect system.)
2. “**Reply**” after an incoming text message has been read.

Listen to the Uconnect prompts. After the beep, repeat one of the predefined messages and follow the system prompts.

PRE-DEFINED VOICE TEXT REPLY RESPONSES		
Yes.	Stuck in traffic.	See you later.
No.	Start without me.	I'll be late.
Okay.	Where are you?	I will be 5 <or 10, 15, 20, 25, 30, 45, 60> minutes late.
Call me.	Are you there yet?	
I'll call you later.	I need directions.	See you in 5 <or 10, 15, 20, 25, 30, 45, 60> minutes.
I'm on my way.	Can't talk right now.	
I'm lost.		Thanks.

NOTE:

Only use the numbering listed in the provided table. Otherwise, the system will not transpose the message.

Did You Know: Your mobile phone must have the full implementation of the **Message Access Profile (MAP)** to take advantage of this feature. For details about MAP, visit UconnectPhone.com.

Apple® iPhone® iOS 6 or later supports reading **incoming** text messages only. For further information on how to enable this feature on your Apple® iPhone®, refer to your iPhone's® "User Manual".

Did You Know: Voice Text Reply is not compatible with iPhone®, but if your vehicle is equipped with Siri® Eyes Free, you can use your voice to send a text message.

Siri® Eyes Free — If Equipped

When used with your Apple® iPhone® connected to your vehicle via Bluetooth®, Siri lets you use your voice to send text messages, select media, place phone calls and much more. Siri uses your natural language to understand what you mean and responds back to confirm your requests. The system is designed to keep your eyes on the road and your hands on the wheel by letting Siri help you perform useful tasks.

To enable Siri, push and hold, then release the Uconnect Voice Recognition (VR) button on the steering wheel. After you hear a double beep, you can ask Siri to play podcasts and music, get directions, read text messages, and many other useful requests.

Bluetooth® Communication Link

Mobile phones may lose connection to the Uconnect Phone. When this happens, the connection can generally be re-established by restarting the mobile phone. Your mobile phone is recommended to remain in Bluetooth® ON mode.

Power-Up

After switching the ignition key from OFF to either the ON/RUN or ACC position, or after a language change, you must wait at least 15 seconds prior to using the system
 ⇨ page 482.

CONNECTED VEHICLE SERVICES — IF EQUIPPED

IS MY VEHICLE CONNECTED?

Vehicles with an Assist and an SOS button are connected vehicles. These buttons will be located on either the rearview mirror or overhead console, depending on the vehicle. If these buttons are present in your vehicle, you have a connected radio and can take advantage of the many connected vehicle features.

For further information about the ASSIST and SOS buttons ⇨ page 373.

INTRODUCTION TO CONNECTED VEHICLE SERVICES

One of the many benefits of your vehicle's Uconnect system is that you can now take advantage of SiriusXM Guardian™ connected vehicle services. To unlock the full potential of SiriusXM Guardian™ in your vehicle, you first need to activate SiriusXM Guardian™ services.

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 comply may result in an accident involving serious injury or death.

NOTE:

SiriusXM Guardian™ involves the collection, transmission and use of data from your vehicle ⇨ page 306.

SiriusXM Guardian™ Contact Information And Business Hours

SiriusXM Guardian™/Care

- US residents visit: <https://www.driveuconnect.com/sirius-xm-guardian.html> or call 1-844-796-4827
- Canadian residents visit: <https://www.siriusxm.ca/guardian-v1/> or call 1-877-324-9091

Uconnect Phone Customer Support

UconnectPhone.com or for US residents call: 1-877-855-8400.

Canadian residents call: 1-800-465-2001 (English) or call: 1-800-387-9983 (French).

Business Hours

Central Time

- Monday through Friday – 7:00 am to 10:00 pm
- Saturday – 8:00 am to 9:00 pm

What Is SiriusXM Guardian™?

SiriusXM Guardian™ uses an embedded device in the Uconnect system installed in your vehicle, which receives GPS signals and communicates with the SiriusXM Guardian™ Customer Care center via wireless and landline communications networks. Depending on the type of device in your vehicle, some SiriusXM Guardian™ services require an operable LTE (voice/data) or 3G or 4G (data) network compatible with your device. SiriusXM Guardian™ is available only on equipped vehicles purchased within the continental United States, Alaska, Hawaii, Puerto Rico and Canada.

NOTE:

- Certain SiriusXM Guardian™ services are dependent upon an operative telematics device, a cellular connection, navigation map data, and GPS satellite signal reception, which can limit the ability to reach the response center or reach emergency support.
- Not all features of SiriusXM Guardian™ are available everywhere at all times, particularly in remote or enclosed areas.
- Other factors outside the control of SiriusXM Guardian™ that may limit or prevent service delivery are hills, structures, buildings, tunnels, weather, damage to the electrical system or other important parts of your vehicle, network congestion, civil disturbances, actions of third parties or the government, Internet failure, and/or the physical location of your vehicle, such as in an underground parking structure or under a bridge.

Not all SiriusXM Guardian™ features are available for all models.

SiriusXM Guardian™ provides:

- The ability to remotely lock/unlock and remote start your vehicle from virtually anywhere by using the Uconnect App or your computer.

- Send & Go capability with the Uconnect App. Use the Uconnect App to easily search, map and send your locations directly to your Uconnect Navigation.
- The ability to locate your vehicle, when you forget where you parked, using the Vehicle Finder function of the Uconnect App.

Before you drive, familiarize yourself with the easy-to-use Uconnect system and SiriusXM Guardian™ services.

The ASSIST and SOS Call Buttons On Your Rearview Mirror Or Overhead Console

The ASSIST Button is used for contacting Roadside Assistance, Vehicle Care, Uconnect Care, and SiriusXM Guardian™ Customer Care. The SOS Call button connects you directly to SiriusXM Guardian™ Customer Care for assistance in an emergency.

Activation

To unlock the full potential of SiriusXM Guardian™ in your vehicle, you must activate your SiriusXM Guardian™ services.

1. Press the Apps icon on the bottom of your in-vehicle touchscreen.

2. Select the Activate Services icon from your list of apps.
3. **For customers in the United States**, select “Customer Care” to speak with a SiriusXM Guardian™ Customer Care agent who will activate services in your vehicle, or select “Enter Email” to activate on the web.

For customers in Canada, enter your email address to activate services in your vehicle.

Included Trial Period For New Vehicles

Your new vehicle may come with an included trial period for use of the SiriusXM Guardian™ services starting on the date of vehicle purchase. To get started with your trial, enrollment in SiriusXM Guardian™ is required. The Uconnect 4C/4C NAV includes a trial* of SiriusXM Guardian™ services from your date of purchase.

* Included trial applies to new vehicles only.

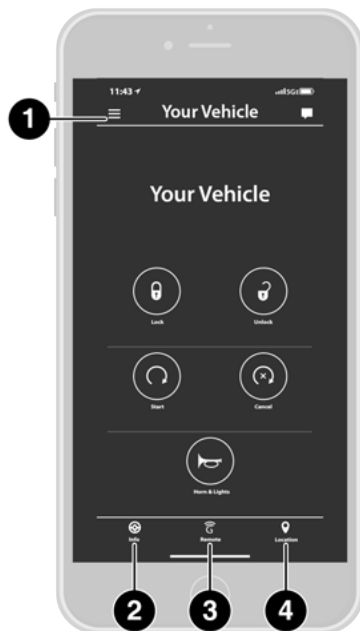
Features And Packages

After the trial period, you must purchase a subscription to continue your services by calling a SiriusXM Guardian™ Customer Care agent.

GETTING STARTED WITH CONNECTED VEHICLE SERVICES

Download The Uconnect App

Once you have activated your services, you're only a few steps away from using connected services.



Uconnect Mobile App

- 1 – Settings
- 2 – Vehicle Info
- 3 – Remote Commands
- 4 – Location And Send & Go

- Download the Uconnect app to your mobile device.
- Use your Owner Account login and password to open the app and then set up a PIN.



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- For customers in the United States, visit www.mopar.com, and click the Sign In/Register button in the upper right-hand corner to register your account online.
 - a. Click the Register button
 - b. Select the correct country and email address then click "Register".
 - c. You will then receive an email notification to confirm/verify your newly created account.

- d. After clicking the email link, it will take you to a website and prompt you to assign your account with a password.
 - e. Once you have added a password, the website will direct you to your homepage where you can add in your vehicle's VIN.
- a. Click the Register button
 - b. Select the correct country and email address then click "Register".
 - c. You will then receive an email notification to confirm/verify your newly created account.
 - d. After clicking the email link, it will take you to a website and prompt you to assign your account with a password.
 - e. Once you have added a password, the website will direct you to your homepage where you can add in your vehicle's VIN.
- For customers in Canada, register your account via your vehicle.
 - a. Press the Apps button in the bottom menu bar.
 - b. Press the Activate Services button from the apps list.
- c. Enter your email and press "OK". A confirmation email will be sent to the provided email address.
 - d. Press "Continue Activation" from the confirmation email. It may take a short time before remote services will be available, but you will be able to log into the Uconnect App and the owner's site.
- Once on the Remote screen and you have set up your four-digit PIN, you can begin using Remote Door Lock/Unlock, Remote Vehicle Start, and activate your horn and lights remotely, if equipped.
 - Press the Location button on the bottom menu bar of the app to bring up a map to locate your vehicle or send a location to your Uconnect Navigation, if equipped.
 - Press the Settings side menu in the upper left corner of the app to bring up app settings and access the Assist Call Centers.

Using Your Owner's Site

Your Owner's Site website <https://www.mopar.com/en-us.html> (US Residents), or www.mopar.ca (Canadian Residents) provides you with all the information you need, all in one place. You can track your

service history, find recommended accessories for your vehicle, watch videos about your vehicle's features, and easily access your manuals. It is also where you can manage your SiriusXM Guardian™ account. This section will familiarize you with the key elements of the website that will help you get the most of your SiriusXM Guardian™ system.

For customers in the United States, press the Sign In/Register button and enter your email address and password.

For customers in Canada, press the My Vehicle button. Select from "Dashboard", "Vehicle Health Report", and "Recalls". The website will then prompt you to log-in using your email address and password.

● Edit/Edit Profile:

To manage the details of your SiriusXM Guardian™ account, such as your contact information, password and SiriusXM Guardian™ PIN, click on the Edit/Edit Profile button to access the details of your account.

- **Connected Services Status:**

This statement will indicate your SiriusXM Guardian™-equipped vehicle.

- **Remote Commands:**

For vehicles with an active SiriusXM Guardian™ subscription, press one of these icons and enter your four-digit SiriusXM Guardian™ Security PIN to remotely start (if equipped), lock/unlock doors or sound the horn and flash the lights.

Editing Your Notifications

Notifications are an important element of your SiriusXM Guardian™ account. For example, any time you use your remote services (such as Remote Door Unlock), you can elect to receive a text message, push notification, and/or E-mail to notify you of the event. To set up the notifications, please follow these instructions.

1. Log on to your Owner's Account at <https://www.mopar.com/en-us.html> (US Residents) and select "Dashboard", or www.mopar.ca (Canadian Residents), select "My Vehicle" and then "Dashboard".
2. Click the Edit/Edit Profile button.

3. Once there, select "SiriusXM Guardian™" where can edit Notification Preferences.

4. You can enter a mobile phone and/or email address to notify you, and you can customize the types of messages.

USING SIRIUSXM GUARDIAN™

SOS Call

WARNING!

Some SiriusXM Guardian™ services, including SOS Call and Roadside Assistance Call will NOT work without a network connection compatible with your device.

Access To Emergency Services At The Push Of A Button

Center Light Status	Description
Off	No call activated
Green	Active call in progress
Red	System error

SiriusXM Guardian™ In-Vehicle Assistance Features

With SiriusXM Guardian™, your vehicle has onboard assistance features located on the rearview mirror or overhead console designed to enhance your driving experience if you should ever need assistance or support.

Description

SOS Call offers a convenient way to get in contact with a SiriusXM Guardian™ Customer Care agent in the event of an emergency. When the connection between the vehicle and the live agent is made, your vehicle will automatically transmit location information. In the event of a minor collision, medical or any other emergency, press the SOS button to be connected to a call center agent who can send emergency assistance to your vehicle's location.

NOTE:

Certain SiriusXM Guardian™ services are dependent on an operational Uconnect system, cellular network availability that is compatible with the device in your vehicle, and GPS network availability. Not all features of SiriusXM Guardian™ are available everywhere at all times, particularly in remote or enclosed areas.

How It Works

1. Push the SOS Call button; the indicator light will turn green indicating a call has been placed.

NOTE:

- In case the SOS Call button is accidentally pushed, there is a 10-second delay before the SOS call is placed. The system will verbally alert you that a call is about to be made. To cancel the SOS Call connection, push the SOS Call button on the rearview mirror or press the Cancel button on the touchscreen within 10 seconds.
 - During an SOS Call, the Bluetooth® paired phone is disconnected so incoming or outgoing calls will go through your mobile device versus the hands-free system which is not available due to the SOS Call.
2. Once a connection between the vehicle and a SiriusXM Guardian™ Customer Care agent is made, the agent will stay on the line with you.

NOTE:

Calls between the vehicle occupants and the SiriusXM Guardian™ Customer Care center may be recorded or monitored for quality assurance

purposes. Through your enrollment in and use of the SiriusXM Guardian™ services, you consent to being recorded.

SOS Call System Limitations

Vehicles that have been purchased in the US and that travel into Mexico and Canada may have limited services. In particular, responses to SOS calls or other emergency services may be unavailable or very limited. Vehicles purchased outside the United States and Canada are unable to receive SiriusXM Guardian™ services.

If the SOS Call system detects a malfunction, any of the following may occur at the time the malfunction is detected:

- The light will continuously be illuminated red.
- The screen will display the following message “Vehicle phone requires service. Please contact your dealer.”
- An in-vehicle audio message will state “Vehicle phone requires service. Please contact your dealer.”

Even if the SOS Call system is fully functional, factors beyond FCA US LLC’s control may prevent or stop SOS Call system operation.

These include, but are not limited to, the following factors:

- The ignition key is in OFF position.
- The vehicle’s electrical systems are not intact.
- The vehicle battery loses power or becomes disconnected during a vehicle crash.
- The SOS Call system software and/or hardware is damaged during a vehicle crash.
- LTE (voice/data) or 3G or 4G (data) coverage and/or GPS signals are unavailable or obstructed.
- Network congestion.
- Weather conditions.
- Buildings, structures, geographic terrain, or tunnels.

If your vehicle loses battery power for any reason (including during or after an accident) the SOS Call System, among other vehicle systems, will not operate.

Requirements

- This feature is available only on vehicles sold in the US or Canada.
- Vehicle must be properly equipped with the SiriusXM Guardian™ system. Vehicle must be registered with SiriusXM Guardian™ and have an active subscription that includes the applicable feature.
- Vehicle must have an operable LTE (voice/data) or 3G or 4G (data) network connection compatible with your device.
- Vehicle must be powered in the ON/RUN or ACC (Accessory) position with a properly functioning electrical system.

WARNING!

- Never place anything on or near the vehicle's LTE (voice/data) or 3G 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.

(Continued)

WARNING! *(Continued)*

- Do not add any 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 POWER FOR ANY REASON (INCLUDING DURING OR AFTER AN ACCIDENT), NEITHER THE UCONNECT APPS NOR THE SIRIUSXM GUARDIAN™ SERVICES WILL OPERATE.**
- The Occupant Restraint Controller (ORC) turns on the Air Bag Warning Light on the instrument panel if a malfunction in any part of the air bag system is detected. If the Air Bag Warning Light is illuminated, the air bag system may not be working properly and the SOS Call system may not be able to send a signal to the SiriusXM Guardian™ Customer Care center. If the Air Bag Warning Light is illuminated, have an authorized dealer service your vehicle immediately.

(Continued)

WARNING! *(Continued)*

- Ignoring the Rearview Mirror Light could mean you will not have SOS Call services if needed. If the Rearview Mirror Light is illuminated, have an authorized dealer service the SOS Call system immediately.
- 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 a SiriusXM Guardian™ Customer Care agent. All occupants should exit the vehicle immediately and move to a safe location.
- Failure to perform scheduled maintenance and regular inspection of your vehicle may result in vehicle damage, accident or injury.