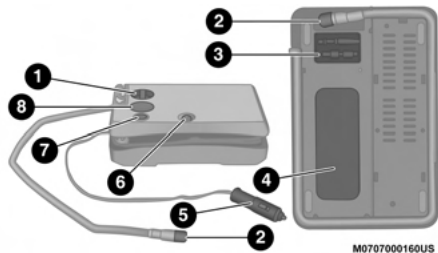


Tire Service Kit

Tire Service Kit And Components And Operation



Tire Service Kit Components

- 1 — Mode Select Knob
- 2 — Sealant/Air Hose
- 3 — Hose Accessories

- 4 — Sealant Bottle
- 5 — Power Plug
- 6 — Power Switch
- 7 — Deflation Button
- 8 — Pressure Gauge

Using The Mode Select Knob And Hoses

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

- **Selecting Air Mode**



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

- **Selecting Sealant Mode**



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

- **Using The Power Button**



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

Tire Service Kit.

- **Using The Deflation Button**



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

Tire Service Kit Usage Precautions

- Replace the Tire Service Kit Sealant Bottle prior to the expiration date (printed at the lower right hand corner on the bottle label) to assure optimum operation of the system. Refer to "Sealant Bottle Replacement" in this section for further information.
- The Sealant Bottle is a one tire application use and needs to be replaced after each use. Always replace these components immediately at your original equipment vehicle dealer.
- When the Tire Service Kit sealant is in a liquid form, clean water, and a damp cloth will remove the material from the vehicle or tire and wheel components. Once the sealant dries, it can easily be peeled off and properly discarded.
- For optimum performance, make sure the valve stem on the wheel is free of debris before connecting the Tire Service Kit.

- The Tire Service Kit Sealant is only intended to seal punctures less than 1/4 inch (6 mm) diameter in the tread/contact surface of your vehicle's tires.
- The Tire Service Kit Sealant is not intended to seal punctures on the tires' side walls.
- You can use the Tire Service Kit air pump to inflate bicycle tires. The kit also comes with two needles, located in the Accessory Storage Compartment (on the bottom of the air pump) for inflating sport balls, rafts, or similar inflatable items. However, use only the Air Pump and make sure the Mode Select Knob is in the Air Mode when inflating such items to avoid injecting sealant into them.
- Do not lift or carry the Tire Service Kit by the hoses.

WARNING!

- Do not attempt to seal a tire on the side of the vehicle closest to traffic. Pull far enough off the road to avoid the danger of being hit when using the Tire Service Kit.
- Do not use Tire Service Kit or drive the vehicle under the following circumstances:

*(Continued)***WARNING! (Continued)**

- If the puncture in the tire tread is approximately 1/4 inch (6 mm) or larger.
- If the tire has any sidewall damage.
- If the tire has any damage from driving with extremely low tire pressure.
- If the tire has any damage from driving on a flat tire.
- If the wheel has any damage.
- If you are unsure of the condition of the tire or the wheel.
- Keep Tire Service Kit away from open flames or heat source.
- A loose Tire Service Kit thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the Tire Service Kit in the place provided. Failure to follow these warnings can result in injuries that are serious or fatal to you, your passengers, and others around you.

*(Continued)***WARNING! (Continued)**

- Take care not to allow the contents of Tire Service Kit to come in contact with hair, eyes, or clothing. Tire Service Kit sealant is harmful if inhaled, swallowed, or absorbed through the skin. It causes skin, eye, and respiratory irritation. Flush immediately with plenty of water if there is any contact with eyes or skin. Change clothing as soon as possible, if there is any contact with clothing.
- Tire Service Kit Sealant solution contains latex. In case of an allergic reaction or rash, consult a physician immediately. Keep Tire Service Kit out of reach of children. If swallowed, rinse mouth immediately with plenty of water and drink plenty of water. Do not induce vomiting! Consult a physician immediately.

Sealing A Tire With Tire Service Kit Whenever You Stop To Use Tire Service Kit:

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

Setting Up To Use Tire Service Kit:

1. Uncoil the Sealant Hose and then remove the cap from the fitting at the end of the hose.



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

3. Remove the cap from the valve stem and then screw the fitting at the end of the Sealant Hose onto the valve stem.



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

NOTE:

Do not remove foreign objects (e.g., screws or nails) from the tire.

Injecting Tire Service Kit Sealant Into The Deflated Tire:



1. Always start the vehicle before turning the Tire Service Kit on.



2. Ensure the Mode Select Knob is to the Sealant Mode position.



3. After pushing the Power Button, the sealant (white fluid) will flow from the Sealant Bottle through the Sealant Hose and into the tire.

NOTE:

Sealant may leak out through the puncture in the tire.

If the sealant (white fluid) does not flow within 0 – 10 seconds through the Sealant Hose:

1. Push the Power Button to turn the Tire Service Kit off. Disconnect the Sealant Hose from the valve stem. Make sure the valve stem is free of debris. Reconnect the Sealant Hose to the valve stem. Check that the Mode Select Knob is in the Sealant Mode position and not Air Mode. Push the Power Button to turn the Tire Service Kit on.
2. Connect the Power Plug to a different 12 Volt power outlet in your vehicle or another vehicle, if available. Make sure the vehicle is running before turning the Tire Service Kit on.
3. The Sealant Bottle may be empty due to previous use. Call for assistance.

If the sealant (white fluid) does flow through the Sealant Hose:



1. Continue to operate the pump until sealant is no longer flowing through hose (typically takes 30 - 70 seconds). As the sealant flows through the Sealant Hose, the Pressure Gauge can read as high as 70 psi (4.8 Bar). The Pressure Gauge will decrease quickly from approximately 70 psi (4.8 Bar) to the actual tire pressure when the Sealant Bottle is empty.



2. The pump will start to inject air into the tire immediately after the Sealant Bottle is empty. Continue to operate the pump and inflate the tire to the cold tire inflation pressure found on the tire and loading information label located in the driver-side door opening. Check the tire pressure by looking at the Pressure Gauge.

If the tire does not inflate to at least 26 psi (1.8 Bar) pressure within 15 minutes:

- The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.

If the tire inflates to the recommended pressure or is at least 26 psi (1.8 Bar) pressure within 15 minutes:

NOTE:

If the tire becomes over-inflated, push the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.



1. Push the Power Button to turn the Tire Service Kit off.



2. Remove the speed limit label from the Tire Service Kit and place sticker on the steering wheel.

3. Immediately disconnect the Sealant Hose from the valve stem, reinstall the cap on the fitting at the end of the hose, and place the Tire Service Kit in the vehicle storage location. Proceed to “Drive Vehicle.”

Drive Vehicle:

Immediately after injecting sealant and inflating the tire, drive the vehicle 5 miles (8 km) or 10 minutes to ensure distribution of the Tire Service Kit Sealant within the tire. Do not exceed 50 mph (80 km/h).

WARNING!

The Tire Service Kit is not a permanent flat tire repair. Have the tire inspected and repaired or replaced after using the Tire Service Kit. Do not exceed 50 mph (80 km/h) until the tire is repaired or replaced. Failure to follow this warning can result in injuries that are serious or fatal to you, your passengers, and others around you. Have the tire checked as soon as possible at an authorized dealer.

After Driving:

Pull over to a safe location. Refer to “Whenever You Stop To Use Tire Service Kit” in this section before continuing.

1. Uncoil the Sealant Hose, and then remove the cap from the fitting at the end of the hose.



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

3. Remove the cap from the valve stem, and then screw the fitting at the end of the Sealant Hose onto the valve stem.



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



5. Uncoil the Hose and screw the fitting at the end of the hose onto the valve stem.



6. Turn the Mode Select Knob and turn to the Air Mode position.

7. Check the pressure in the tire by reading the Pressure Gauge.

If tire pressure is less than 19 psi (1.3 Bar):

The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.

If the tire pressure is 19 psi (1.3 Bar) or higher:

1. Push the Power Button to turn on Tire Service Kit and inflate the tire to the cold tire inflation pressure found on the tire and loading information label located in the driver-side door opening.

NOTE:

If the tire becomes over-inflated, push the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.

2. Disconnect the Tire Service Kit from the valve stem, reinstall the cap on the valve stem and unplug from 12 Volt outlet.
3. Place the Tire Service Kit in its proper storage area in the vehicle.
4. Have the tire inspected and repaired or replaced at the earliest opportunity at an authorized dealer or tire service center.

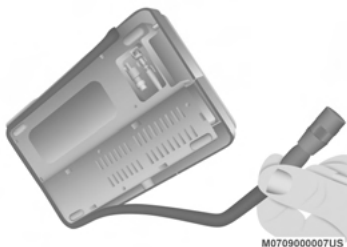
- Remove the Speed Limit sticker from the steering wheel after the tire has been repaired.
- Replace the Sealant Bottle at an authorized dealer as soon as possible. Refer to "Sealant Bottle Replacement" in this section for further information.

NOTE:

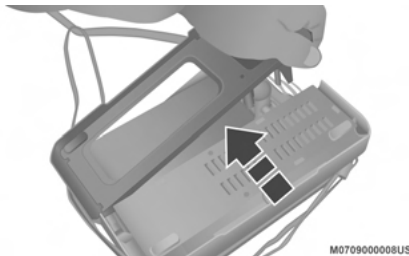
When having the tire serviced, advise the authorized dealer or service center that the tire has been sealed using the Tire Service Kit.

Sealant Bottle Replacement:

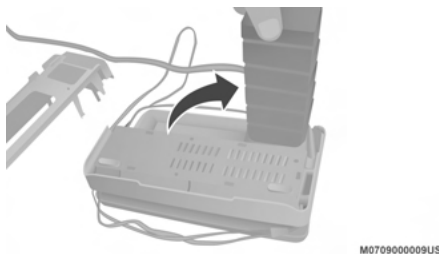
- Unwrap the power cord.
- Unwrap the hose.

**Unwrap The Hose**

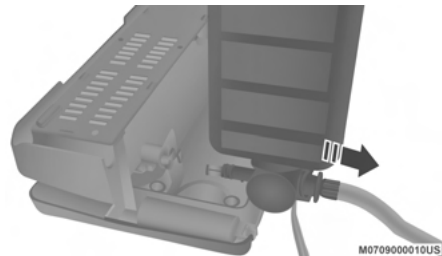
- Remove the bottle cover.

**Remove The Bottle Cover**

- Rotate the bottle up beyond vertical to release.

**Rotate The Bottle Up**

- Pull the bottle away from the Compressor.

**Remove The Bottle****NOTE:**

- For sealant bottle installation, follow these steps reverse order.
- Replacement sealant bottles are available at authorized service centers.

JUMP STARTING

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

NOTE:

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

WARNING!

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

CAUTION!

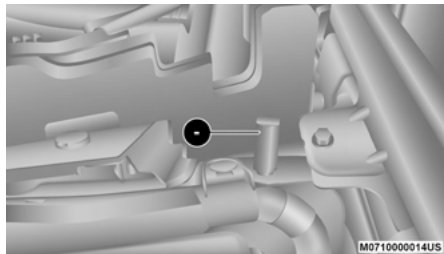
Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.

Preparations For Jump Start

The battery in your vehicle is located on the left side of the engine compartment.



Remote Positive Post



Remote Negative Post

WARNING!

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

1. Apply the parking brake, shift the automatic transmission into PARK (P) and place the ignition to OFF.
2. Turn off the heater, radio, and all unnecessary electrical accessories.

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

WARNING!

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

Jump Starting Procedure**WARNING!**

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

CAUTION!

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

Connecting The Jumper Cables

- Connect the positive (+) end of the jumper cable to the remote positive (+) post of the vehicle with the discharged battery.
- Connect the opposite end of the positive (+) jumper cable to the positive (+) post of the booster battery.
- Connect the negative (-) end of the jumper cable to the negative (-) post of the booster battery.
- Connect the opposite end of the negative (-) jumper cable to the remote negative post near the windshield cowl (exposed metal part of the discharged vehicle's engine).

WARNING!

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

- Start the engine in the vehicle that has the booster battery, let the engine idle a few minutes, and then start the engine in the vehicle with the discharged battery.
- Once the engine is started, remove the jumper cables in the reverse sequence.

Disconnecting The Jumper Cables

- Disconnect the negative (-) end of the jumper cable from the remote negative post of the vehicle with the discharged battery.
- Disconnect the opposite end of the negative (-) jumper cable from the negative (-) post of the booster battery.
- Disconnect the positive (+) end of the jumper cable from the positive (+) post of the booster battery.
- Disconnect the opposite end of the positive (+) jumper cable from the remote positive (+) post of the vehicle with the discharged battery.

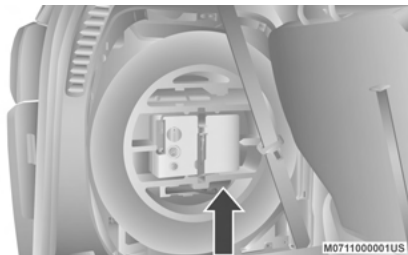
If frequent jump starting is required to start your vehicle you should have the battery and charging system inspected at an authorized dealer.

CAUTION!

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

REFUELING IN EMERGENCY

The funnel for the Cap-Less Fuel System is located with the spare tire (if equipped) or in the upper storage bin. If your vehicle is out of fuel and an auxiliary fuel can is needed, insert the funnel into the filler neck and proceed to fill the vehicle.



Emergency Fuel Fill Funnel

For more information on the Cap-Less Fuel System refer to “Refueling The Vehicle” in “Starting And Operating” in this manual.

IF YOUR ENGINE OVERHEATS

In any of the following situations, you can reduce the potential for overheating by taking the appropriate action.

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

NOTE:

There are steps that you can take to slow down an impending overheat condition:

- If your Air Conditioner (A/C) is on, turn it off. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.
- You can also turn the temperature control to maximum heat, the mode control to floor and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.

WARNING!

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

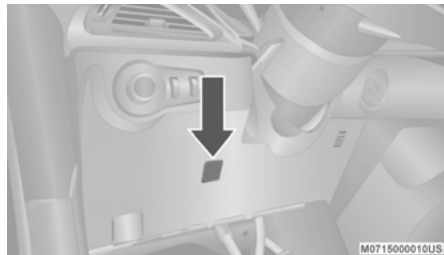
CAUTION!

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

MANUAL PARK RELEASE**WARNING!**

You should be seated in the driver's seat with your foot firmly placed on the brake pedal to maintain control of the vehicle before activating the Manual Park Release. If possible, you should apply the parking brake. Activating the Manual Park Release will allow your vehicle to roll away if it is not secured or properly connected to a tow vehicle. Activating the Manual Park Release on an unsecured vehicle could lead to serious injury or death for those in or around the vehicle.

To move the vehicle in cases where the transmission will not shift out of PARK (P) (such as a depleted battery), a Manual Park Release is available.



Manual Park Release Access Cover

Follow These Steps To Activate The Manual Park Release:

1. Apply firm pressure to the brake pedal while seated in the driver's seat.
2. Apply the parking brake, if possible.
3. Using a small screwdriver or similar tool, remove the Manual Park Release access cover, which is to the lower left of the steering column.
4. The Manual Park Release access cover is connected to a red tether strap. Pull the tether strap out as far as it will go, then release it. The transmission should now be in NEUTRAL (N), allowing the vehicle to be moved.

NOTE:

When the lever is locked in the released position, the tether will remain outside of the trim panel and the access cover cannot be reinstalled.

5. Release the parking brake only when the vehicle is securely connected to a tow vehicle.

To Reset The Manual Park Release:

1. Apply firm pressure to the brake pedal while seated in the driver's seat.
2. Pull the tether strap out again, then release it.
3. Allow the tether to retract with the lever back to its original position.
4. Verify that the transmission is in PARK (P).
5. Confirm that the tether has retracted fully and re-install the access cover. If the access cover cannot be re-installed, repeat steps 1 through 4.

FREEING A STUCK VEHICLE

If your vehicle becomes stuck in mud, sand or snow, it can often be moved using a rocking motion. Turn the steering wheel right and left to clear the area around the front wheels. Then shift back and forth between DRIVE (D) and REVERSE (R) while gently pressing the accelerator.

NOTE:

Shifts between DRIVE and REVERSE can only be achieved at wheel speeds of 5 mph (8 km/h) or less. Whenever the transmission remains in NEUTRAL (N) for more than two seconds, you must press the brake pedal to engage DRIVE or REVERSE.

Use the least amount of accelerator pedal pressure that will maintain the rocking motion without spinning the wheels or racing the engine.

NOTE:

Push the "ESC OFF" switch to place the Electronic Stability Control (ESC) system in "Partial Off" mode, before rocking the vehicle. Refer to "Electronic Brake Control" in "Safety" for further information. Once the vehicle has been freed, push the "ESC OFF" switch again to restore "ESC On" mode.

WARNING!

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

CAUTION!

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

*(Continued)***CAUTION!** *(Continued)*

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

TOWING A DISABLED VEHICLE

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

Towing Condition	Wheel OFF The Ground	ALL MODELS
Flat Tow	NONE	NOT ALLOWED
Wheel Lift Or Dolly Tow	Front	OK
	Rear	NOT ALLOWED
Flatbed	ALL	BEST METHOD

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

NOTE:

- You must ensure that the Auto Park Brake feature is disabled before towing this vehicle (if rear wheels are on the ground), to avoid inadvertent Electric Park Brake (EPB) engagement. The Auto Park Brake feature is enabled or disabled via the customer programmable features in the Uconnect Settings.
- Vehicles with a discharged battery or total electrical failure when the Electric Parking Brake (EPB) is engaged, will need a wheel dolly or jack to raise the rear wheels off the ground when moving the vehicle onto a flatbed.

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

If flatbed equipment is not available, this vehicle must be towed with the front wheels **OFF** the ground (using a towing dolly, or wheel lift equipment with the front wheels raised).

NOTE:

Ensure that the Electric Park Brake is released, and remains released, while being towed.

CAUTION!

Towing this vehicle in violation of the above requirements can cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Vehicle Recovery Tow Points

Your vehicle is equipped with Vehicle Recovery Points that can be used to recover a disabled vehicle, located on the underbody of the vehicle.

NOTE:

- Ensure that the towing service tow hooks are properly seated and secured in the attachment points.
- This recovery tow feature should be used by a trained professional only.
- Use approved receptacle location to free the disabled vehicle from its environment.



Front Recovery Points

CAUTION!

Recovery feature:

- Is to be used by a professional ONLY.
- Is used only to provide recovery of the vehicle.
- Is NOT to be used to recover secondary vehicle.
- Is NOT to be used for transporting the vehicle over the road, i.e. "Flat Towing".
- Is to be used by a professional ONLY.
- Is used only to provide recovery of the vehicle.
- Is NOT to be used to recover secondary vehicle.
- Is NOT to be used for transporting the vehicle over the road, i.e. "Flat Towing".

(Continued)

CAUTION! *(Continued)*

Recovery load should:

- Be applied at constant speed.
- Be applied parallel to the center line of the length of the vehicle.
- Not be an abrupt acceleration.
- Be applied at constant speed.
- Be applied parallel to the center line of the length of the vehicle.
- Not be an abrupt acceleration.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN mode, not the ACC mode.

NOTE:

The Safehold feature will engage the Electric Park Brake whenever the driver's door is opened (if the ignition is ON, transmission is not in PARK, and brake pedal is released). If you are towing this vehicle with the ignition in the ON/RUN mode, you must manually disable the Electric Park Brake each time the driver's door is opened, by pressing the brake pedal and then releasing the EPB.

If the key fob is unavailable, or the vehicle's battery is discharged, refer to "Manual Park Release" in this section for instructions on shifting the transmission out of PARK in order to move the vehicle.

CAUTION!

- Do not use sling-type equipment when towing. Vehicle damage may occur.
- When securing the vehicle to a flatbed truck, do not attach to front or rear suspension components. Damage to your vehicle may result from improper towing.
- Ensure that the Electric Park Brake is released, and remains released, while being towed.

ENHANCED ACCIDENT RESPONSE SYSTEM (EARS)

This vehicle is equipped with an Enhanced Accident Response System.

Please refer to "Occupant Restraint Systems" in "Safety" for further information on the Enhanced Accident Response System (EARS) function.

EVENT DATA RECORDER (EDR)

This vehicle is equipped with an Event Data Recorder (EDR). The main purpose of an EDR is to record data that will assist in understanding how a vehicle's systems performed under certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle.

Please refer to "Occupant Restraint Systems" in "Safety" for further information on the Event Data Recorder (EDR).

SERVICING AND MAINTENANCE

SCHEDULED SERVICING

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

Based on engine operation conditions, the oil change indicator message will illuminate. This means that service is required for your vehicle. Operating conditions such as frequent short-trips, trailer tow, extremely hot or cold ambient temperatures will influence when the “Oil Change Required” message is displayed. Severe Operating Conditions can cause the change oil message to illuminate as early as 3,500 miles (5,600 km) since last reset. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

Your authorized dealer will reset the oil change indicator message after completing the scheduled oil change. If a scheduled oil change is performed by someone other than your authorized dealer, the message can be reset by referring to “Instrument Cluster Display” in “Getting To Know Your Instrument Panel”.

NOTE:

Under no circumstances should oil change intervals exceed 10,000 miles (16,000 km), 12 months or 350 hours of engine run time, whichever comes first. The 350 hours of engine run or idle time is generally only a concern for fleet customers.

Severe Duty All Models

Change Engine Oil at 4,000 miles (6,500 km) or 350 hours of engine run time if the vehicle is operated in a dusty and off road environment or is operated predominately at idle or only very low engine RPM. This type of vehicle use is considered Severe Duty.

Once A Month Or Before A Long Trip:

- Check engine oil level
- Check windshield washer fluid level
- Check tire pressure and look for unusual wear or damage. Rotate tires at the first sign of irregular wear, even if it occurs before the oil indicator system turns on
- Check the fluid levels of the coolant reservoir and brake master cylinder, fill as needed
- Check function of all interior and exterior lights

Maintenance Plan

Required Maintenance Intervals

Refer to the required maintenance intervals.

At Every Oil Change Interval As Indicated By Oil Change Indicator System:
● Change oil and filter
● Rotate the tires at the first sign of irregular wear, even if it occurs before the oil indicator system turns on
● Inspect battery and clean and tighten terminals as required
● Inspect the CV/Universal joints
● Inspect brake pads, shoes, rotors, drums, hoses and park brake
● Inspect engine cooling system protection and hoses
● Inspect exhaust system
● Inspect engine air cleaner if using in dusty or off-road conditions. If required, replace engine air filter.

Mileage or time passed (whichever comes first)	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000
Or Years:	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Or Kilometers:	32,000	48,000	64,000	80,000	96,000	112,000	128,000	144,000	160,000	176,000	192,000	208,000	224,000	240,000
Flush and replace the engine coolant at 10 years or 150,000 miles (240,000 km) whichever comes first.									X					X
Replace PCV valve.									X					

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

WARNING!

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

(Continued)

WARNING! *(Continued)*

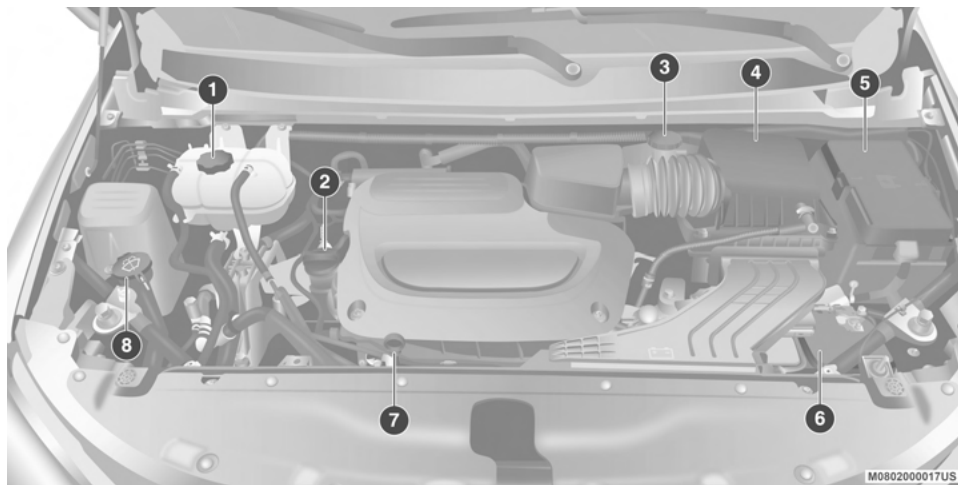
- Failure to properly inspect and maintain your vehicle could result in a component malfunction and effect vehicle handling and performance. This could cause an accident.

Heavy Duty Use Of The Vehicle

Change engine oil at 4,000 miles (6,500 km) or 350 hours of engine run time if the vehicle is operated in a dusty and off road environment or is operated predominately at idle or only very low engine RPM. This type of vehicle use is considered Severe Duty.

ENGINE COMPARTMENT

3.6L Engine



1 – Engine Coolant Pressure Cap

2 – Engine Oil Fill

3 – Brake Fluid Reservoir Cap

4 – Engine Air Cleaner

5 – Power Distribution Center (Fuses)

6 – Battery

7 – Engine Oil Dipstick

8 – Windshield Washer Fill

Checking Oil Level

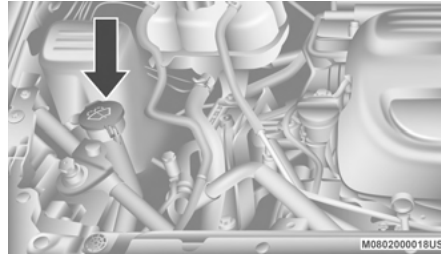
To assure proper engine lubrication, the engine oil must be maintained at the correct level. Check the oil level at regular intervals, such as every fuel stop. The best time to check the engine oil level is about five minutes after a fully warmed engine is shut off.

Checking the oil while the vehicle is on level ground will improve the accuracy of the oil level readings. Maintain the oil level between the MIN and MAX markings on the dipstick. Adding one quart or one liter of oil when the reading is at the MIN mark will result in a MAX reading on these engines.

CAUTION!

- Overfilling or underfilling will cause oil aeration, or loss of oil pressure. This could damage your engine.
- Never use Non-Detergent Oil or Straight Mineral Oil in the engine or damage may result.

Adding Washer Fluid



Windshield Washer Fluid Cap

The fluid reservoir is located in the front of the engine compartment. Be sure to check the fluid level in the reservoir at regular intervals. Fill the reservoir with windshield washer solvent (not radiator antifreeze) and operate the system for a few seconds to flush out the residual washer fluid.

When refilling the washer fluid reservoir, take some washer fluid, apply it to a cloth or towel, and wipe clean the wiper blades; this will help blade performance.

To prevent freeze-up of your windshield washer system in cold weather, select a solution or mixture that meets or exceeds the temperature range of your climate. This rating information can be found on most washer fluid containers.

WARNING!

Commercially available windshield washer solvents are flammable. They could ignite and burn you. Care must be exercised when filling or working around the washer solution.

Maintenance-Free Battery

Your vehicle is equipped with a maintenance-free battery. You will never have to add water, nor is periodic maintenance required.

WARNING!

- Battery fluid is a corrosive acid solution and can burn or even blind you. Do not allow battery fluid to contact your eyes, skin, or clothing. Do not lean over a battery when attaching clamps. If acid splashes in eyes or on skin, flush the area immediately with large amounts of water. Refer to “Jump Starting Procedure” in “In Case Of Emergency” for further information.
- Battery gas is flammable and explosive. Keep flame or sparks away from the battery. Do not use a booster battery or any other booster source with an output greater than 12 Volts. Do not allow cable clamps to touch each other.
- Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

CAUTION!

- It is essential when replacing the cables on the battery that the positive cable is attached to the positive post and the negative cable is attached to the negative post. Battery posts are marked positive (+) and negative (-) and are identified on the battery case. Cable clamps should be tight on the terminal posts and free of corrosion.
- If a “fast charger” is used while the battery is in the vehicle, disconnect both vehicle battery cables before connecting the charger to the battery. Do not use a “fast charger” to provide starting voltage.

Pressure Washing

CAUTION!

Cleaning the engine compartment with a high pressure washer is not recommended. Precautions have been taken to safeguard all parts and connections however, the pressures generated by these machines is such that complete protection against water ingress cannot be guaranteed.

DEALER SERVICE

An authorized dealer has the qualified service personnel, special tools, and equipment to perform all service operations in an expert manner. Service Manuals are available which include detailed service information for your vehicle. Refer to these Service Manuals before attempting any procedure yourself.

NOTE:

Intentional tampering with emissions control systems may void your warranty and could result in civil penalties being assessed against you.

WARNING!

You can be badly injured working on or around a motor vehicle. Only do service work for which you have the knowledge and the proper equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

Engine Oil

Change Engine Oil

Refer to “Scheduled Servicing” in this section for the proper maintenance intervals.

NOTE:

Under no circumstances should oil change intervals exceed 10,000 miles (16,000 km), 12 months or 350 hours of engine run time, whichever comes first. The 350 hours of engine run or idle time is generally only a concern for fleet customers.

Gasoline Engine Oil Selection

For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends engine oils that are API Certified and meet the requirements of FCA Material Standard MS-6395.

American Petroleum Institute (API) Engine Oil Identification Symbol



This symbol means that the oil has been certified by the American Petroleum Institute (API). The manufacturer only recommends

API Certified engine oils.

This symbol certifies 0W-20, 5W-20, 0W-30, 5W-30 and 10W-30 engine oils.

CAUTION!

Do not use chemical flushes in your engine oil as the chemicals can damage your engine. Such damage is not covered by the New Vehicle Limited Warranty.

Engine Oil Viscosity

Mopar SAE 0W-20 engine oil approved to FCA Material Standard MS-6395 such as Pennzoil, Shell Helix or equivalent is recommended for all operating temperatures. This engine oil improves low temperature starting and vehicle fuel economy.

The engine oil filler cap also shows the recommended engine oil viscosity for your engine. For information on engine oil filler cap location, refer to the “Engine Compartment” illustration in this section.

Lubricants which do not have both the engine oil certification mark and the correct SAE viscosity grade number should not be used.

Synthetic Engine Oils

You may use synthetic engine oils provided the recommended oil quality requirements are met, and the recommended maintenance intervals for oil and filter changes are followed.

Synthetic engine oils which do not have both the engine oil certification mark and the correct SAE viscosity grade number should not be used.

Materials Added To Engine Oil

The manufacturer strongly recommends against the addition of any additives (other than leak detection dyes) to the engine oil. Engine oil is an engineered product and its performance may be impaired by supplemental additives.

Disposing Of Used Engine Oil And Oil Filters

Care should be taken in disposing of used engine oil and oil filters from your vehicle. Used oil and oil filters, indiscriminately discarded, can present a problem to the environment. Contact an authorized dealer, service station or governmental agency for advice on how and where used oil and oil filters can be safely discarded in your area.

Engine Oil Filter

The engine oil filter should be replaced with a new filter at every engine oil change.

Engine Oil Filter Selection

This manufacturer's engines have a full-flow type disposable oil filter. Use a filter of this type for replacement. The quality of replacement filters varies considerably. Only high quality filters should be used to ensure most efficient service. Mopar engine oil filters are high quality oil filters and are recommended.

Engine Air Cleaner Filter

Refer to the "Maintenance Plan" in this section for the proper maintenance intervals.

NOTE:

Be sure to follow the "Severe Duty Conditions" maintenance interval if applicable.

WARNING!

The air induction system (air cleaner, hoses, etc.) can provide a measure of protection in the case of engine backfire. Do not remove the air induction system (air cleaner, hoses, etc.) unless such removal is necessary for repair or maintenance. Make sure that no one is near the engine compartment before starting the vehicle with the air induction system (air cleaner, hoses, etc.) removed. Failure to do so can result in serious personal injury.

Engine Air Cleaner Filter Selection

The quality of replacement engine air cleaner filters varies considerably. Only high quality filters should be used to ensure most efficient service. Mopar engine air cleaner filters are a high quality filter and are recommended.

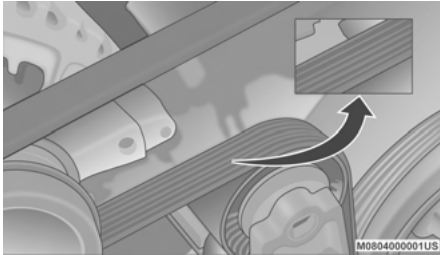
Accessory Drive Belt Inspection

WARNING!

- Do not attempt to inspect an accessory drive belt with vehicle running.
- When working near the radiator cooling fan, disconnect the fan motor lead. The fan is temperature controlled and can start at any time regardless of ignition mode. You could be injured by the moving fan blades.
- You can be badly injured working on or around a motor vehicle. Only do service work for which you have the knowledge and the proper equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

When inspecting accessory drive belts, small cracks that run across the ribbed surface of a belt from rib to rib, are considered normal. These are not a reason to replace belt.

However, cracks running along a rib (not across) are not normal. Any belt with cracks running along a rib must be replaced. Also, have the belt replaced if it has excessive wear, frayed cords, or severe glazing.



Accessory Belt (Serpentine Belt)

Conditions that would require replacement:

- Rib chunking (one or more ribs has separated from belt body)
- Rib or belt wear
- Longitudinal belt cracking (cracks between two ribs)

- Belt slips
- "Groove jumping" (belt does not maintain correct position on pulley)
- Belt broken

NOTE:

Identify and correct problem before new belt is installed

- Noise (objectionable squeal, squeak, or rumble is heard or felt while drive belt is in operation)

Some conditions can be caused by a faulty component such as a belt pulley. Belt pulleys should be carefully inspected for damage and proper alignment.

Belt replacement on some models requires the use of special tools, we recommend having your vehicle serviced at an authorized dealer.

Air Conditioner Maintenance

For best possible performance, your air conditioner should be checked and serviced by an authorized dealer at the start of each warm season. This service should include cleaning of the condenser fins and a performance test.

Drive belt tension should also be checked at this time.

WARNING!

- Use only refrigerants and compressor lubricants approved by the manufacturer for your air conditioning system. Some unapproved refrigerants are flammable and can explode, injuring you. Other unapproved refrigerants or lubricants can cause the system to fail, requiring costly repairs. Refer to Warranty Information located online, for further warranty information.
- The air conditioning system contains refrigerant under high pressure. To avoid risk of personal injury or damage to the system, adding refrigerant or any repair requiring lines to be disconnected should be done by an experienced technician.

CAUTION!

Do not use chemical flushes in your air conditioning system as the chemicals can damage your air conditioning components. Such damage is not covered by the New Vehicle Limited Warranty.

Refrigerant Recovery And Recycling — R-1234yf

R-1234yf Air Conditioning Refrigerant is a hydrofluoroolefin (HFO) that is endorsed by the Environmental Protection Agency and is an ozone-friendly substance with a low global-warming potential. The manufacturer recommends that air conditioning service be performed by an authorized dealer using recovery and recycling equipment.

NOTE:

Use only manufacturer approved A/C system PAG compressor oil, and refrigerants.

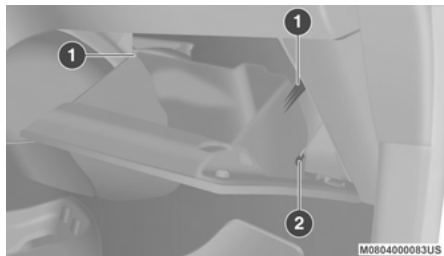
Air Conditioning Filter Replacement (Cabin Air Filter)

WARNING!

Do not remove the cabin air filter while the vehicle is running, or while the ignition is in the ACC or ON/RUN mode. With the cabin air filter removed and the blower operating, the blower can contact hands and may propel dirt and debris into your eyes, resulting in personal injury.

The cabin air filter is located in the fresh air inlet behind the glove compartment. Perform the following procedure to replace the filter:

1. Remove all contents from the glove compartment.



Glove Compartment

- 1 — Glove Compartment Travel Stops
- 2 — Glove Compartment Tension Tether Clip

2. Open the glove compartment door partially, leaving extra slack on the glove compartment tension tether. Detach the glove compartment tension tether by sliding the black tension tether clip down, and popping it out of the slot on the side of the glove compartment door.

3. There are glove compartment travel stops on either side of the glove compartment door. To release them, push inward on each travel stop, and pull the glove compartment door down until the travel stops pass clear of their hooking points.
4. Open the glove compartment door as far as possible to gain access to the cabin air filter compartment cover.

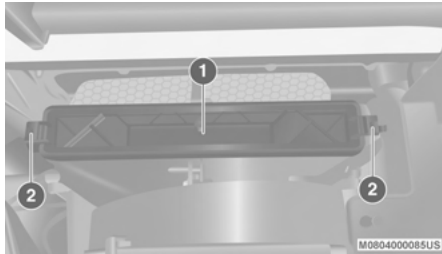


Cabin Air Filter Compartment Cover

- 1 — Compartment Cover
 - 2 — Compartment Snap
5. Pry up the lid of each individual compartment snap, and detach it from the rest of the snap. There is a small space on the side of each snap to use for separating the lid

from the snap. Once detached, remove the rest of the snap completely from the compartment cover.

- After removing the snaps, lift up the compartment cover to gain access to the fresh air inlet.



Fresh Air Inlet

- Filter Cover
- Retaining Tabs

- Remove the filter cover by prying back each of the retaining tabs from their hooking points, and then pulling the filter cover out to expose the cabin air filter. Remove the air filter by pulling it straight out of the housing.

- Install the new air filter with the arrow on the filter pointing toward the floor.

CAUTION!

The cabin air filter is identified with an arrow to indicate airflow direction through the filter. Failure to properly install the filter will result in the need to replace it more often.

- Once the filter is replaced, reinstall the filter cover, making sure the retaining tabs are fully secured into their housings.
- Close the cabin air filter compartment cover, and reinsert the snaps into their slots. Push the snap lids until fully attached.
- Push the glove compartment door to the near closed position to reengage the glove compartment travel stops. Finally, pull the glove compartment tension tether clip down and slide it back into the slot on the side of the glove compartment door.

Body Lubrication

Locks and all body pivot points, including such items as seat tracks, door hinge pivot points and rollers, liftgate, tailgate, decklid, sliding doors and hood hinges, should be lubricated

periodically with a lithium based grease, such as Mopar Spray White Lube to ensure quiet, easy operation and to protect against rust and wear. Prior to the application of any lubricant, the parts concerned should be wiped clean to remove dust and grit; after lubricating, excess oil and grease should be removed. Particular attention should also be given to hood latching components to ensure proper function. When performing other underhood services, the hood latch release mechanism, and safety catch should be cleaned and lubricated.

The external lock cylinders should be lubricated twice a year, preferably in the Autumn and Spring. Apply a small amount of a high quality lubricant, such as Mopar Lock Cylinder Lubricant directly into the lock cylinder.

Windshield Wiper Blades

Clean the rubber edges of the wiper blades and the windshield periodically with a sponge or soft cloth and a mild nonabrasive cleaner. This will remove accumulations of salt or road film.

Operation of the wipers on dry glass for long periods may cause deterioration of the wiper blades. Always use washer fluid when using the wipers to remove salt or dirt from a dry windshield.

Avoid using the wiper blades to remove frost or ice from the windshield. Keep the blade rubber out of contact with petroleum products such as engine oil, gasoline, etc.

NOTE:

Life expectancy of wiper blades varies depending on geographical area and frequency of use. Poor performance of blades may be present with chattering, marks, water lines or wet spots. If any of these conditions are present, clean the wiper blades or replace as necessary.

The wiper blades and wiper arms should be inspected periodically, not just when wiper performance problems are experienced. This inspection should include the following points:

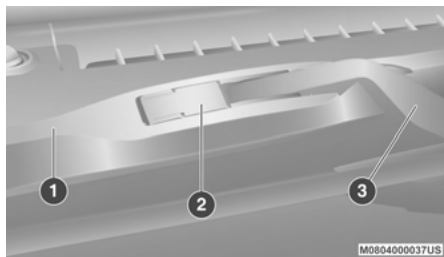
- Wear or uneven edges
- Foreign material
- Hardening or cracking
- Deformation or fatigue

If a wiper blade or wiper arm is damaged, replace the affected wiper arm or blade with a new unit. Do not attempt to repair a wiper arm or blade that is damaged.

Front Wiper Blade Removal/Installation**CAUTION!**

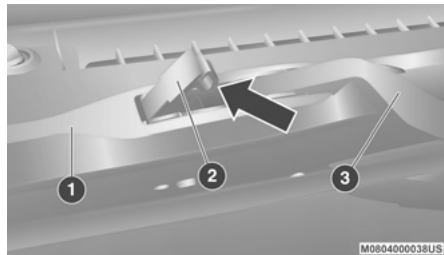
Do not allow the wiper arm to spring back against the glass without the wiper blade in place or the glass may be damaged.

1. Lift the wiper arm to raise the wiper blade off of the glass, until the wiper arm is in the full up position.

**Wiper Blade With Release Tab In Locked Position**

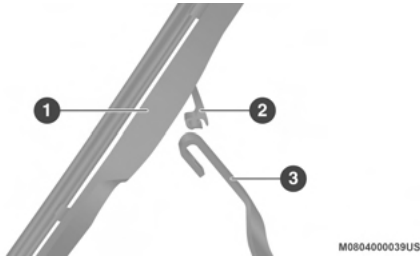
- 1 — Wiper Blade
- 2 — Release Tab
- 3 — Wiper Arm

2. To disengage the wiper blade from the wiper arm, flip up the release tab on the wiper blade and while holding the wiper arm with one hand, slide the wiper blade down towards the base of the wiper arm.

**Wiper Blade With Release Tab In Unlocked Position**

- 1 — Wiper Blade
- 2 — Release Tab
- 3 — Wiper Arm

- With the wiper blade disengaged, remove the wiper blade from the wiper arm by holding the wiper arm with one hand and separating the wiper blade from the wiper arm with the other hand (move the wiper blade toward the right side of the vehicle to separate the wiper blade from the wiper arm).



Wiper Blade Removed From Wiper Arm

- 1 – Wiper Blade
2 – Release Tab
3 – Wiper Arm

- Gently lower the wiper arm onto the glass.

Installing The Front Wipers

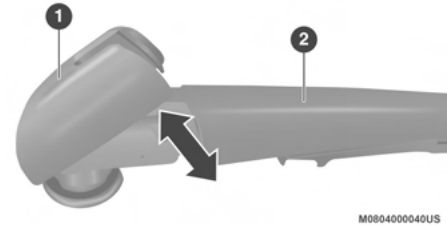
- Lift the wiper arm off of the glass, until the wiper arm is in the full up position.
- Position the wiper blade near the hook on the tip of the wiper arm with the wiper release tab open and the blade side of the wiper facing up and away from the windshield.
- Insert the hook on the tip of the arm through the opening in the wiper blade under the release tab.
- Slide the wiper blade up into the hook on the wiper arm and rotate the wiper blade until it is flush against the wiper arm. Fold down the latch release tab and snap it into its locked position. Latch engagement will be accompanied by an audible click.
- Gently lower the wiper blade onto the glass.

Rear Wiper Blade Removal/Installation

- Lift the rear wiper arm pivot cap away from the glass to allow the rear wiper blade to be raised off of the glass.

NOTE:

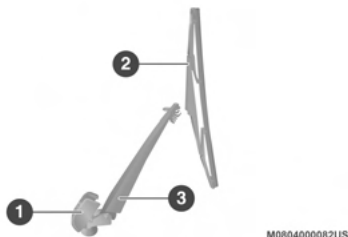
The rear wiper arm cannot be fully raised off the glass unless the wiper arm pivot cap is unsnapped first. Attempting to fully raise the rear wiper arm without unsnapping the wiper arm pivot cap may damage the vehicle.



Wiper Pivot Cap In Unlocked Position

- 1 – Wiper Arm Pivot Cap
2 – Wiper Arm

- Lift the rear wiper arm fully off the glass.



Wiper Blade In Folded Out Position

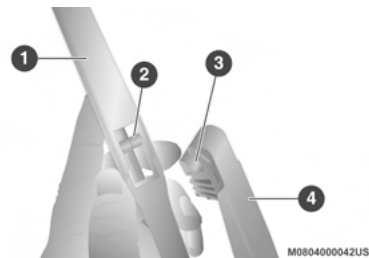
- Wiper Arm Pivot Cap
- Wiper Blade
- Wiper Arm

- To remove the wiper blade from the wiper arm, grasp the bottom end of the wiper blade nearest to wiper arm with your right hand. With your left hand hold the wiper arm as you pull the wiper blade away from the wiper arm past its stop far enough to unsnap the wiper blade pivot pin from the receptacle on the end of the wiper arm.

NOTE:

Resistance will be accompanied by an audible snap.

- Still grasping the bottom end of the wiper blade, move the wiper blade upward and away from the wiper arm to disengage.



Wiper Blade Removed From Wiper Arm

- Wiper Blade
- Wiper Blade Pivot Pin
- Wiper Arm Receptacle
- Wiper Arm

- Gently lower the tip of the wiper arm onto the glass.

Installing The Rear Wiper

1. Lift the rear wiper arm pivot cap away from the glass to allow the rear wiper blade to be raised off of the glass.

NOTE:

The rear wiper arm cannot be fully raised off the glass unless the wiper arm pivot cap is unsnapped first. Attempting to fully raise the rear wiper arm without unsnapping the wiper arm pivot cap may damage the vehicle.

2. Lift the rear wiper arm fully off the glass.
3. Insert the wiper blade pivot pin into the opening on the end of the wiper arm. Grab the bottom end of the wiper arm with one hand, and press the wiper blade flush with the wiper arm until it snaps into place.
4. Lower the wiper blade onto the glass and snap the wiper arm pivot cap back into place.

Exhaust System

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

If you notice a change in the sound of the exhaust system; or if the exhaust fumes can be detected inside the vehicle; or when the underside or rear of the vehicle is damaged; have an authorized technician inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, have the exhaust system inspected each time the vehicle is raised for lubrication or oil change. Replace as required.

WARNING!

- Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing CO, refer to "Safety Tips" in "Safety" for further information.
- A hot exhaust system can start a fire if you park over materials that can burn. Such materials might be grass or leaves coming into contact with your exhaust system. Do not park or operate your vehicle in areas where your exhaust system can contact anything that can burn.

CAUTION!

- The catalytic converter requires the use of unleaded fuel only. Leaded gasoline will destroy the effectiveness of the catalyst as an emissions control device and may seriously reduce engine performance and cause serious damage to the engine.

(Continued)

CAUTION! *(Continued)*

- Damage to the catalytic converter can result if your vehicle is not kept in proper operating condition. In the event of engine malfunction, particularly involving engine misfire or other apparent loss of performance, have your vehicle serviced promptly. Continued operation of your vehicle with a severe malfunction could cause the converter to overheat, resulting in possible damage to the converter and vehicle.

Under normal operating conditions, the catalytic converter will not require maintenance. However, it is important to keep the engine properly tuned to ensure proper catalyst operation and prevent possible catalyst damage.

NOTE:

Intentional tampering with emissions control systems can result in civil penalties being assessed against you.

In unusual situations involving grossly malfunctioning engine operation, a scorching odor may suggest severe and abnormal catalyst overheating. If this occurs, stop the vehicle, turn off the engine and allow it to cool. Service,

including a tune-up to manufacturer's specifications, should be obtained immediately.

To minimize the possibility of catalytic converter damage:

- Do not interrupt the ignition when the transmission is in gear and the vehicle is in motion.
- Do not try to start the vehicle by pushing or towing the vehicle.
- Do not idle the engine with any ignition components disconnected or removed, such as when diagnostic testing, or for prolonged periods during very rough idle or malfunctioning operating conditions.

Cooling System**WARNING!**

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

(Continued)

WARNING! *(Continued)*

- Keep hands, tools, clothing, and jewelry away from the radiator cooling fan when the hood is raised. The fan starts automatically and may start at any time, whether the engine is running or not.
- When working near the radiator cooling fan, disconnect the fan motor lead or turn the ignition to the OFF mode. The fan is temperature controlled and can start at any time the ignition is in the ON mode.

Engine Coolant Checks

Check the engine coolant (antifreeze) protection every 12 months (before the onset of freezing weather, where applicable). If the engine coolant (antifreeze) is dirty, the system should be drained, flushed, and refilled with fresh OAT coolant (conforming to MS.90032) by an authorized dealer. Check the front of the A/C condenser for any accumulation of bugs, leaves, etc. If dirty, clean by gently spraying water from a garden hose vertically down the face of the condenser.

Check the engine cooling system hoses for brittle rubber, cracking, tears, cuts, and tightness of the connection at the coolant recovery

bottle and radiator. Inspect the entire system for leaks. **DO NOT REMOVE THE COOLANT PRESSURE CAP WHEN THE COOLING SYSTEM IS HOT.**

Cooling System — Drain, Flush And Refill

NOTE:

Some vehicles require special tools to add coolant properly. Failure to fill these systems properly could lead to severe internal engine damage. If any coolant is needed to be added to the system please contact an authorized dealer.

If the engine coolant (antifreeze) is dirty or contains visible sediment, have an authorized dealer clean and flush with OAT coolant (antifreeze) (conforming to MS.90032).

Refer to the “Maintenance Plan” in this section for the proper maintenance intervals.

Selection Of Coolant

Refer to “Fluids And Lubricants” in “Technical Specifications” for further information.

NOTE:

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology

(OAT) engine coolant (antifreeze), may result in engine damage and may decrease corrosion protection. Organic Additive Technology (OAT) engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant (antifreeze) or any “globally compatible” coolant (antifreeze). If a non-OAT engine coolant (antifreeze) is introduced into the cooling system in an emergency, the cooling system will need to be drained, flushed, and refilled with fresh OAT coolant (conforming to MS.90032), by an authorized dealer as soon as possible.

- Do not use water alone or alcohol-based engine coolant (antifreeze) products. Do not use additional rust inhibitors or antirust products, as they may not be compatible with the radiator engine coolant and may plug the radiator.
- This vehicle has not been designed for use with propylene glycol-based engine coolant (antifreeze). Use of propylene glycolbased engine coolant (antifreeze) is not recommended.
- Some vehicles require special tools to add coolant properly. Failure to fill these systems

properly could lead to severe internal engine damage. If any coolant is needed to be added to the system please contact an authorized dealer.

Adding Coolant

Your vehicle has been built with an improved engine coolant (OAT coolant conforming to MS.90032) that allows extended maintenance intervals. This engine coolant (antifreeze) can be used up to ten years or 150,000 miles (240,000 km) before replacement. To prevent reducing this extended maintenance period, it is important that you use the same engine coolant (OAT coolant conforming to MS.90032) throughout the life of your vehicle.

Please review these recommendations for using Organic Additive Technology (OAT) engine coolant (antifreeze) that meets the requirements of FCA Material Standard MS.90032.

When adding engine coolant (antifreeze):

- We recommend using Mopar Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT (Organic Additive Technology) that meets the requirements of FCA Material Standard MS.90032.
- Mix a minimum solution of 50% OAT engine coolant that meets the requirements of FCA

Material Standard MS.90032 and distilled water. Use higher concentrations (not to exceed 70%) if temperatures below -34°F (-37°C) are anticipated. Please contact an authorized dealer for assistance.

- Use only high purity water such as distilled or deionized water when mixing the water/engine coolant (antifreeze) solution. The use of lower quality water will reduce the amount of corrosion protection in the engine cooling system.

NOTE:

- It is the owner's responsibility to maintain the proper level of protection against freezing according to the temperatures occurring in the area where the vehicle is operated.
- Some vehicles require special tools to add coolant properly. Failure to fill these systems properly could lead to severe internal engine damage. If any coolant is needed to be added to the system, please contact a local authorized dealer.
- Mixing engine coolant (antifreeze) types is not recommended and can result in cooling system damage. If HOAT and OAT coolant are mixed in an emergency, have a authorized

dealer drain, flush, and refill with OAT coolant (conforming to MS.90032) as soon as possible.

Cooling System Pressure Cap

The cap must be fully tightened to prevent loss of engine coolant (antifreeze), and to ensure that engine coolant (antifreeze) will return to the radiator from the coolant expansion bottle/recovery tank if so equipped.

The cap should be inspected and cleaned if there is any accumulation of foreign material on the sealing surfaces.

WARNING!

- Do not open hot engine cooling system. Never add engine coolant (antifreeze) when the engine is overheated. Do not loosen or remove the cap to cool an overheated engine. Heat causes pressure to build up in the cooling system. To prevent scalding or injury, do not remove the pressure cap while the system is hot or under pressure.
- Do not use a pressure cap other than the one specified for your vehicle. Personal injury or engine damage may result.

Disposal Of Used Coolant

Used ethylene glycol-based coolant (antifreeze) is a regulated substance requiring proper disposal. Check with your local authorities to determine the disposal rules for your community. To prevent ingestion by animals or children, do not store ethylene glycol-based coolant in open containers or allow it to remain in puddles on the ground. If ingested by a child or pet, seek emergency assistance immediately. Clean up any ground spills immediately.

Coolant Level

The coolant expansion bottle provides a quick visual method for determining that the coolant level is adequate. With the engine off and cold, the level of the coolant (antifreeze) in the bottle should be between the "MAX" and "MIN" lines marked on the bottle.

As long as the engine operating temperature is satisfactory, the coolant bottle need only be checked once a month.

When additional coolant (antifreeze) is needed to maintain the proper level, it should be added to the coolant bottle. Do not overfill. See an authorized dealer for service.

Points To Remember

NOTE:

When the vehicle is stopped after a few miles/kilometers of operation, you may observe vapor coming from the front of the engine compartment. This is normally a result of moisture from rain, snow, or high humidity accumulating on the radiator and being vaporized when the thermostat opens, allowing hot engine coolant (antifreeze) to enter the radiator.

If an examination of your engine compartment shows no evidence of radiator or hose leaks, the vehicle may be safely driven. The vapor will soon dissipate.

- Do not overfill the coolant expansion bottle.
- Check the coolant freeze point in the radiator and in the coolant expansion bottle. If engine coolant (antifreeze) needs to be added, the contents of the coolant expansion bottle must also be protected against freezing.
- If frequent engine coolant (antifreeze) additions are required, the cooling system should be pressure tested for leaks.

- Maintain engine coolant (antifreeze) concentration at a minimum of 50% OAT coolant (conforming to MS.90032) and distilled water for proper corrosion protection of your engine which contains aluminum components.
- Make sure that the coolant expansion bottle overflow hoses are not kinked or obstructed.
- Keep the front of the radiator clean. If your vehicle is equipped with air conditioning, keep the front of the condenser clean.
- Do not change the thermostat for Summer or Winter operation. If replacement is ever necessary, install ONLY the correct type thermostat. Other designs may result in unsatisfactory engine coolant (antifreeze) performance, poor gas mileage, and increased emissions.

Brake System

In order to ensure brake system performance, all brake system components should be inspected periodically. Refer to the “Maintenance Plan” in this section for the proper maintenance intervals.

Refer to the “Maintenance Plan” in this section for the proper maintenance intervals.

WARNING!

Riding the brakes can lead to brake failure and possibly a collision. Driving with your foot resting or riding on the brake pedal can result in abnormally high brake temperatures, excessive lining wear, and possible brake damage. You would not have your full braking capacity in an emergency.

Brake Master Cylinder

The fluid in the master cylinder should be checked when performing under hood services or immediately if the “Brake Warning Light” is illuminated.

Be sure to clean the top of the master cylinder area before removing the cap. If necessary, add fluid to bring the fluid level up to the requirements described on the brake fluid reservoir. With disc brakes, fluid level can be expected to fall as the brake pads wear. Brake fluid level should be checked when pads are replaced. However, low fluid level may be caused by a leak and a checkup may be needed.

Use only manufacturer's recommended brake fluid. Refer to "Fluids And Lubricants" in "Technical Specifications" for further information.

WARNING!

- Use only manufacturer's recommended brake fluid. Refer to "Fluids And Lubricants" in "Technical Specifications" for further information. Using the wrong type of brake fluid can severely damage your brake system and/or impair its performance. The proper type of brake fluid for your vehicle is also identified on the original factory installed hydraulic master cylinder reservoir.
- To avoid contamination from foreign matter or moisture, use only new brake fluid or fluid that has been in a tightly closed container. Keep the master cylinder reservoir cap secured at all times. Brake fluid in an open container absorbs moisture from the air resulting in a lower boiling point. This may cause it to boil unexpectedly during hard or prolonged braking, resulting in sudden brake failure. This could result in a collision.

(Continued)

WARNING! *(Continued)*

- Overfilling the brake fluid reservoir can result in spilling brake fluid on hot engine parts, causing the brake fluid to catch fire. Brake fluid can also damage painted and vinyl surfaces, care should be taken to avoid its contact with these surfaces.
- Do not allow petroleum based fluid to contaminate the brake fluid. Brake seal components could be damaged, causing partial or complete brake failure. This could result in a collision.

Automatic Transmission

Selection Of Lubricant

It is important to use the proper transmission fluid to ensure optimum transmission performance and life. Use only the manufacturer's specified transmission fluid. Refer to "Fluids And Lubricants" in "Technical Specifications" for fluid specifications. It is important to maintain the transmission fluid at the correct level using the recommended fluid.

NOTE:

No chemical flushes should be used in any transmission; only the approved lubricant should be used.

CAUTION!

Using a transmission fluid other than the manufacturer's recommended fluid may cause deterioration in transmission shift quality and/or torque converter shudder. Refer to "Fluids And Lubricants" in "Technical Specifications" for fluid specifications.

Special Additives

The manufacturer strongly recommends against using any special additives in the transmission. Automatic Transmission Fluid (ATF) is an engineered product and its performance may be impaired by supplemental additives. Therefore, do not add any fluid additives to the transmission. Avoid using transmission sealers as they may adversely affect seals.

CAUTION!

Do not use chemical flushes in your transmission as the chemicals can damage your transmission components. Such damage is not covered by the New Vehicle Limited Warranty.

Fluid Level Check

The fluid level is preset at the factory and does not require adjustment under normal operating conditions. Routine fluid level checks are not required; therefore the transmission has no dipstick. An authorized dealer can check your transmission fluid level using special service tools. If you notice fluid leakage or transmission malfunction, visit an authorized dealer immediately to have the transmission fluid level checked. Operating the vehicle with an improper fluid level can cause severe transmission damage.

CAUTION!

If a transmission fluid leak occurs, visit an authorized dealer immediately. Severe transmission damage may occur. An authorized dealer has the proper tools to adjust the fluid level accurately.

Fluid And Filter Changes

Under normal operating conditions, the fluid installed at the factory will provide satisfactory lubrication for the life of the vehicle.

Routine fluid and filter changes are not required. However, change the fluid and filter if the fluid becomes contaminated (with water, etc.), or if the transmission is disassembled for any reason.

RAISING THE VEHICLE

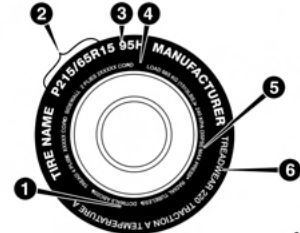
In the case where it is necessary to raise the vehicle, go to an authorized dealer or service station.

TIRES

Tire Safety Information

Tire safety information will cover aspects of the following information: Tire Markings, Tire Identification Numbers, Tire Terminology and Definitions, Tire Pressures, and Tire Loading.

Tire Markings



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Tire Markings

- 1 – US DOT Safety Standards Code (TIN)
- 2 – Size Designation
- 3 – Service Description
- 4 – Maximum Load
- 5 – Maximum Pressure
- 6 – Treadwear, Traction and Temperature Grades

NOTE:

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

Tire Sizing Chart**EXAMPLE:**

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

P = Passenger car tire size based on US design standards, or

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

LT = Light truck tire based on US design standards, or

T or S = Temporary spare tire or

31 = Overall diameter in inches (in)

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

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

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

10.5 = Section width in inches (in)

EXAMPLE:

R = Construction code

- "R" means radial construction, or
- "D" means diagonal or bias construction

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

Service Description:

95 = Load Index

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

H = Speed Symbol

- A symbol indicating the range of speeds at which a tire can carry a load corresponding to its load index under certain operating conditions
- The maximum speed corresponding to the speed symbol should only be achieved under specified operating conditions (i.e., tire pressure, vehicle loading, road conditions, and posted speed limits)

Load Identification:

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

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

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

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

Tire Identification Number (TIN)

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

EXAMPLE:

DOT MA L9 ABCD 0301

DOT = Department of Transportation

- This symbol certifies that the tire is in compliance with the US Department of Transportation tire safety standards and is approved for highway use

MA = Code representing the tire manufacturing location (two digits)

L9 = Code representing the tire size (two digits)

ABCD = Code used by the tire manufacturer (one to four digits)

03 = Number representing the week in which the tire was manufactured (two digits)

- 03 means the 3rd week

01 = Number representing the year in which the tire was manufactured (two digits)

- 01 means the year 2001

- Prior to July 2000, tire manufacturers were only required to have one number to represent the year in which the tire was manufactured. Example: 031 could represent the 3rd week of 1981 or 1991

Tire Terminology And Definitions

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

Tire Loading And Tire Pressure

NOTE:

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

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

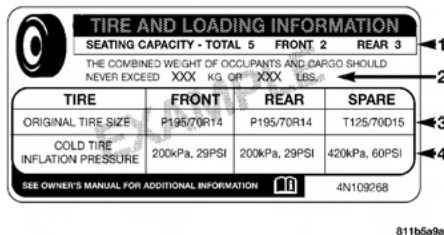


Example Tire Placard Location (Door)



Example Tire Placard Location (B-Pillar)

Tire And Loading Information Placard



Tire And Loading Information Placard

This placard tells you important information about the:

1. Number of people that can be carried in the vehicle.
2. Total weight your vehicle can carry.

3. Tire size designed for your vehicle.
4. Cold tire inflation pressures for the front, rear, and spare tires.

Loading

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

NOTE:

Under a maximum loaded vehicle condition, gross axle weight ratings (GAWRs) for the front and rear axles must not be exceeded.

For further information on GAWRs, vehicle loading, and trailer towing, refer to "Vehicle Loading" in the "Starting And Operating" section of this manual.

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

Steps For Determining Correct Load Limit—

- (1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle's placard.
- (2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- (3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.

(4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if “XXX” amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. ($1400 - 750 (5 \times 150) = 650$ lbs.)

(5) Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

Metric Example For Load Limit

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

NOTE:

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

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

Occupant 1: 200 lbs
 Occupant 2: 130 lbs
 Occupant 3: 160 lbs
 Occupant 4: 100 lbs
 Occupant 5: 80 lbs
 TOTAL WEIGHT: 670 lbs

Occupant 1: 210 lbs
 Occupant 2: 180 lbs
 Occupant 3: 150 lbs
 TOTAL WEIGHT: 540 lbs

Occupant 1: 200 lbs
 Occupant 2: 200 lbs
 TOTAL WEIGHT: 400 lbs

811a4d11

WARNING!

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

Tires — General Information

Tire Pressure

Proper tire inflation pressure is essential to the safe and satisfactory operation of your vehicle. Four primary areas are affected by improper tire pressure:

- Safety
- Fuel Economy
- Tread Wear
- Ride Comfort and Vehicle Stability

Safety

WARNING!

- Improperly inflated tires are dangerous and can cause collisions.
- Underinflation increases tire flexing and can result in overheating and tire failure.
- Overinflation reduces a tire's ability to cushion shock. Objects on the road and chuckholes can cause damage that result in tire failure.

(Continued)

WARNING! (Continued)

- Overinflated or underinflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control.
- Unequal tire pressures can cause steering problems. You could lose control of your vehicle.
- Unequal tire pressures from one side of the vehicle to the other can cause the vehicle to drift to the right or left.
- Always drive with each tire inflated to the recommended cold tire inflation pressure.

Both underinflation and overinflation affect the stability of the vehicle and can produce a feeling of sluggish response or over responsiveness in the steering.

NOTE:

- Unequal tire pressures from side to side may cause erratic and unpredictable steering response.
- Unequal tire pressure from side to side may cause the vehicle to drift left or right.

Fuel Economy

Underinflated tires will increase tire rolling resistance resulting in higher fuel consumption.

Tread Wear

Improper cold tire inflation pressures can cause abnormal wear patterns and reduced tread life, resulting in the need for earlier tire replacement.

Ride Comfort And Vehicle Stability

Proper tire inflation contributes to a comfortable ride. Overinflation produces a jarring and uncomfortable ride.

Tire Inflation Pressures

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

At least once a month:

- Check and adjust tire pressure with a good quality pocket-type pressure gauge. Do not make a visual judgement when determining proper inflation. Tires may look properly inflated even when they are under-inflated.
- Inspect tires for signs of tire wear or visible damage.

CAUTION!

After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the valve stem.

Inflation pressures specified on the placard are always “cold tire inflation pressure”. Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall.

Check tire pressures more often if subject to a wide range of outdoor temperatures, as tire pressures vary with temperature changes.

Tire pressures change by approximately 1 psi (7 kPa) per 12°F (7°C) of air temperature change. Keep this in mind when checking tire pressure inside a garage, especially in the Winter.

Example: If garage temperature = 68°F (20°C) and the outside temperature = 32°F (0°C) then the cold tire inflation pressure should be increased by 3 psi (21 kPa), which equals 1 psi (7 kPa) for every 12°F (7°C) for this outside temperature condition.

Tire pressure may increase from 2 to 6 psi (13 to 40 kPa) during operation. DO NOT reduce this normal pressure build up or your tire pressure will be too low.

Tire Pressures For High Speed Operation

The manufacturer advocates driving at safe speeds and within posted speed limits. Where speed limits or conditions are such that the vehicle can be driven at high speeds, maintaining correct tire inflation pressure is very important. Increased tire pressure and reduced vehicle loading may be required for high-speed vehicle operation. Refer to an authorized tire dealer or original equipment vehicle dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

WARNING!

High speed driving with your vehicle under maximum load is dangerous. The added strain on your tires could cause them to fail. You could have a serious collision. Do not drive a vehicle loaded to the maximum capacity at continuous speeds above 75 mph (120 km/h).

Radial Ply Tires

WARNING!

Combining radial ply tires with other types of tires on your vehicle will cause your vehicle to handle poorly. The instability could cause a collision. Always use radial ply tires in sets of four. Never combine them with other types of tires.

Tire Repair

If your tire becomes damaged, it may be repaired if it meets the following criteria:

- The tire has not been driven on when flat.
- The damage is only on the tread section of your tire (sidewall damage is not repairable).
- The puncture is no greater than a ¼ of an inch (6 mm).

Consult an authorized tire dealer for tire repairs and additional information.

Damaged Run Flat tires, or Run Flat tires that have experienced a loss of pressure should be replaced immediately with another Run Flat tire of identical size and service description (Load

Index and Speed Symbol). Replace the tire pressure sensor as well as it is not designed to be reused.

Run Flat Tires — If Equipped

Run Flat tires allow you the capability to drive 50 miles (80 km) at 50 mph (80 km/h) after a rapid loss of inflation pressure. This rapid loss of inflation is referred to as the Run Flat mode. A Run Flat mode occurs when the tire inflation pressure is of/or below 14 psi (96 kPa). Once a Run Flat tire reaches the run flat mode it has limited driving capabilities and needs to be replaced immediately. A Run Flat tire is not repairable. When a run flat tire is changed after driving with underinflated tire condition, please replace the TPM sensor as it is not designed to be reused when driven under run flat mode 14 psi (96 kPa) condition.

NOTE:

TPM Sensor must be replaced after driving the vehicle on a flat tire condition.

It is not recommended driving a vehicle loaded at full capacity or to tow a trailer while a tire is in the run flat mode.

See the tire pressure monitoring section for more information.

Tire Spinning

When stuck in mud, sand, snow, or ice conditions, do not spin your vehicle's wheels above 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping.

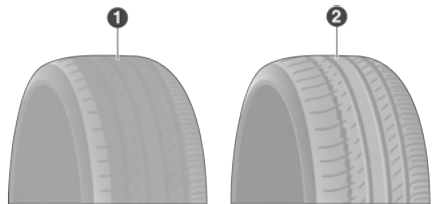
Refer to "Freeing A Stuck Vehicle" in "In Case Of Emergency" for further information.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause tire damage or failure. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) for more than 30 seconds continuously when you are stuck, and do not let anyone near a spinning wheel, no matter what the speed.

Tread Wear Indicators

Tread wear indicators are in the original equipment tires to help you in determining when your tires should be replaced.



Tire Tread

- 1 — Worn Tire
2 — New Tire

These indicators are molded into the bottom of the tread grooves. They will appear as bands when the tread depth becomes a $\frac{1}{16}$ of an inch (1.6 mm). When the tread is worn to the tread wear indicators, the tire should be replaced.

Refer to “Replacement Tires” in this section for further information.

Life Of Tire

The service life of a tire is dependent upon varying factors including, but not limited to:

- Driving style.
- Tire pressure - Improper cold tire inflation pressures can cause uneven wear patterns to develop across the tire tread. These abnormal wear patterns will reduce tread life, resulting in the need for earlier tire replacement.
- Distance driven.
- Performance tires, tires with a speed rating of V or higher, and Summer tires typically have a reduced tread life. Rotation of these tires per the vehicle scheduled maintenance is highly recommended.

WARNING!

Tires and the spare tire should be replaced after six years, regardless of the remaining tread. Failure to follow this warning can result in sudden tire failure. You could lose control and have a collision resulting in serious injury or death.

NOTE:

Wheel Valve Stem must be replaced as well when installing new tires due to wear and tear in existing tires.

Keep dismantled tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease, and gasoline.

Replacement Tires

The tires on your new vehicle provide a balance of many characteristics. They should be inspected regularly for wear and correct cold tire inflation pressures. The manufacturer strongly recommends that you use tires equivalent to the originals in size, quality and performance when replacement is needed. Refer to the paragraph on “Tread Wear Indicators” in this section. Refer to the Tire and Loading Information placard or the Vehicle Certification Label for the size designation of your tire. The Load Index and Speed Symbol for your tire will be found on the original equipment tire sidewall. See the Tire Sizing Chart example found in the “Tire Safety Information” section of this manual for more information relating to the Load Index and Speed Symbol of a tire.

It is recommended to replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle's handling. If you ever replace a wheel, make sure that the wheel's specifications match those of the original wheels.

It is recommended you contact an authorized tire dealer or original equipment dealer with any questions you may have on tire specifications or capability. Failure to use equivalent replacement tires may adversely affect the safety, handling, and ride of your vehicle.

WARNING!

- Do not use a tire, wheel size, load rating, or speed rating other than that specified for your vehicle. Some combinations of unapproved tires and wheels may change suspension dimensions and performance characteristics, resulting in changes to steering, handling, and braking of your vehicle. This can cause unpredictable handling and stress to steering and suspension components. You could lose control and have a collision resulting in serious injury or death. Use only the tire and wheel sizes with load ratings approved for your vehicle.

(Continued)

WARNING! (Continued)

- Never use a tire with a smaller load index or capacity, other than what was originally equipped on your vehicle. Using a tire with a smaller load index could result in tire overloading and failure. You could lose control and have a collision.
- Failure to equip your vehicle with tires having adequate speed capability can result in sudden tire failure and loss of vehicle control.

CAUTION!

Replacing original tires with tires of a different size may result in false speedometer and odometer readings.

Tire Types

All Season Tires — If Equipped

All Season tires provide traction for all seasons (Spring, Summer, Autumn, and Winter). Traction levels may vary between different all season tires. All season tires can be identified by the M+S, M&S, M/S or MS designation on the tire

sidewall. Use all season tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Summer Or Three Season Tires — If Equipped

Summer tires provide traction in both wet and dry conditions, and are not intended to be driven in snow or on ice. If your vehicle is equipped with Summer tires, be aware these tires are not designed for Winter or cold driving conditions. Install Winter tires on your vehicle when ambient temperatures are less than 40° F (5° C) or if roads are covered with ice or snow. For more information, contact an authorized dealer.

Summer tires do not contain the all season designation or mountain/snowflake symbol on the tire sidewall. Use Summer tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

WARNING!

Do not use Summer tires in snow/ice conditions. You could lose vehicle control, resulting in severe injury or death. Driving too fast for conditions also creates the possibility of loss of vehicle control.

Snow Tires

Some areas of the country require the use of snow tires during the Winter. Snow tires can be identified by a “mountain/snowflake” symbol on the tire sidewall.



If you need snow tires, select tires equivalent in size and type to the original equipment tires. Use snow tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Snow tires generally have lower speed ratings than what was originally equipped with your vehicle and should not be operated at sustained speeds over 75 mph (120 km/h). For speeds above 75 mph (120 km/h) refer to original equipment or an authorized tire dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

While studded tires improve performance on ice, skid and traction capability on wet or dry surfaces may be poorer than that of non-studded tires. Some states prohibit studded tires; therefore, local laws should be checked before using these tire types.

Spare Tires — If Equipped

NOTE:

For vehicles equipped with Tire Service Kit instead of a spare tire, please refer to “Tire Service Kit” in “In Case Of Emergency” for further information.

CAUTION!

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

Refer to the “Towing Requirements - Tires” in “Starting And Operating” for restrictions when towing with a spare tire designated for temporary emergency use.

Spare Tire Matching Original Equipped Tire And Wheel — If Equipped

Your vehicle may be equipped with a spare tire and wheel equivalent in look and function to the original equipment tire and wheel found on the front or rear axle of your vehicle. This spare tire may be used in the tire rotation for your vehicle.

If your vehicle has this option, refer to an authorized tire dealer for the recommended tire rotation pattern.

Compact Spare Tire — If Equipped

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

T, S = Temporary Spare Tire

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

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

WARNING!

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

Collapsible Spare Tire — If Equipped

The collapsible spare is for temporary emergency use only. You can identify if your vehicle is equipped with a collapsible spare by looking at the spare tire description on the Tire and Loading Information Placard located on the driver's side door opening or on the sidewall of the tire.

Collapsible spare tire description example:
165/80-17 101P.

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

Inflate collapsible tire only after the wheel is properly installed to the vehicle. Inflate the collapsible tire using the electric air pump before lowering the vehicle.

Do not install a wheel cover or attempt to mount a conventional tire on the collapsible spare wheel, since the wheel is designed specifically for the collapsible spare tire.

WARNING!

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

Full Size Spare — If Equipped

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

Limited Use Spare — If Equipped

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

WARNING!

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

Wheel And Wheel Trim Care

All wheels and wheel trim, especially aluminum and chrome plated wheels, should be cleaned regularly using mild (neutral Ph) soap and water to maintain their luster and to prevent corrosion. Wash wheels with the same soap solution recommended for the body of the vehicle and remember to always wash when the surfaces are not hot to the touch.

Your wheels are susceptible to deterioration caused by salt, sodium chloride, magnesium chloride, calcium chloride, etc., and other road chemicals used to melt ice or control dust on dirt roads. Use a soft cloth or sponge and mild soap to wipe away promptly. Do not use harsh chemicals or a stiff brush. They can damage the wheel's protective coating that helps keep them from corroding and tarnishing.

CAUTION!

Avoid products or automatic car washes that use acidic solutions or strong alkaline additives or harsh brushes. Many aftermarket wheel cleaners and automatic car washes may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty. Only car wash soap, Mopar Wheel Cleaner or equivalent is recommended.

When cleaning extremely dirty wheels including excessive brake dust, care must be taken in the selection of tire and wheel cleaning chemicals and equipment to prevent damage to the wheels. Mopar Wheel Treatment or Mopar Chrome Cleaner or their equivalent is recommended or select a non-abrasive, non-acidic cleaner for aluminum or chrome wheels.

CAUTION!

Do not use scouring pads, steel wool, a bristle brush, metal polishes or oven cleaner. These products may damage the wheel's protective finish. Such damage is not covered by the New Vehicle Limited Warranty. Only car wash soap, Mopar Wheel Cleaner or equivalent is recommended.

NOTE:

If you intend parking or storing your vehicle for an extended period after cleaning the wheels with wheel cleaner, drive your vehicle and apply the brakes to remove the water droplets from the brake components. This activity will remove the red rust on the brake rotors and prevent vehicle vibration when braking.

Dark Vapor Chrome, Black Satin Chrome, or Low Gloss Clear Coat Wheels

CAUTION!

If your vehicle is equipped with these specialty wheels, DO NOT USE wheel cleaners, abrasives, or polishing compounds. They will permanently damage this finish and such damage is not covered by the New Vehicle Limited Warranty. HAND WASH ONLY USING MILD SOAP AND WATER WITH A SOFT CLOTH. Used on a regular basis; this is all that is required to maintain this finish.

Tire Chains (Traction Devices)

Use of traction devices require sufficient tire-to-body clearance. Follow these recommendations to guard against damage:

- Traction device must be of proper size for the tire, as recommended by the traction device manufacturer.
- Install on front tires only.
- For a 235/65R17 or 235/60R18 tire, use of a snow traction device with a maximum projection of 9 mm beyond the tire profile is recommended.

WARNING!

Using tires of different size and type (M+S, Snow) between front and rear axles can cause unpredictable handling. You could lose control and have a collision.

CAUTION!

To avoid damage to your vehicle or tires, observe the following precautions:

- Because of restricted traction device clearance between tires and other suspension components, it is important that only traction devices in good condition are used. Broken devices can cause serious damage. Stop the vehicle immediately if noise occurs that could indicate device breakage. Remove the damaged parts of the device before further use.
- Install device as tightly as possible and then retighten after driving about ½ mile (0.8 km).
- Do not exceed 30 mph (48 km/h).

(Continued)

CAUTION! *(Continued)*

- Drive cautiously and avoid severe turns and large bumps, especially with a loaded vehicle.
- Do not drive for a prolonged period on dry pavement.
- Observe the traction device manufacturer's instructions on the method of installation, operating speed, and conditions for use. Always use the suggested operating speed of the device manufacturer's if it is less than 30 mph (48 km/h).
- Do not use traction devices on a compact spare tire.

Tire Rotation Recommendations

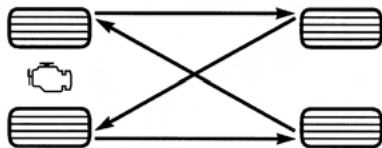
The tires on the front and rear of your vehicle operate at different loads and perform different steering, driving, and braking functions. For these reasons, they wear at unequal rates.

These effects can be reduced by timely rotation of tires. The benefits of rotation are especially worthwhile with aggressive tread designs such as those on all season type tires. Rotation will increase tread life, help to maintain mud, snow

and wet traction levels, and contribute to a smooth, quiet ride.

Refer to the “Scheduled Servicing” for the proper maintenance intervals. The reasons for any rapid or unusual wear should be corrected prior to rotation being performed.

The suggested rotation method is the “forward cross” shown in the following diagram. This rotation pattern does not apply to some directional tires that must not be reversed.



Tire Rotation (Forward Cross)

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DEPARTMENT OF TRANSPORTATION UNIFORM TIRE QUALITY GRADES

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

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

Treadwear

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of

their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

Traction Grades

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

WARNING!

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

Temperature Grades

The Temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat, when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance, which all passenger vehicle tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel, than the minimum required by law.

WARNING!

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

STORING THE VEHICLE

If the vehicle should remain stationary for more than a month, observe the following precautions:

- Park your vehicle in a covered, dry and possibly airy location the windows open slightly.
- Check that the Electric Park Brake is not engaged.
- Disconnect the negative (-) terminal from the battery post and be sure that the battery is fully charged. During storage check battery charge quarterly.
- If you do not disconnect the battery from the electrical system, check the battery charge every 30 days.
- Clean and protect the painted parts by applying protective waxes.
- Clean and protect polished metal parts by applying protective waxes.
- Apply talcum powder to the front and rear wiper blades and leave raised from the glass.
- Cover the vehicle with an appropriate cover taking care not to damage the painted surface by dragging across dirty surfaces. Do not use plastic sheeting which will not allow the evaporation of moisture present on the surface of the vehicle.
- Inflate the tires at a pressure of +7.25 psi (+0.5 bar) higher than recommended on the tire placard and check it periodically.
- Do not drain the vehicle's cooling system.
- Whenever you leave the vehicle stationary for two weeks or more, idle the vehicle for approximately five minutes, with the air conditioning system on and high fan speed. This will ensure proper lubrication of the system, thus minimizing the possibility of damage to the compressor when the vehicle is put back into operation.

CAUTION!

Before removal of the positive and negative terminals to the battery, wait at least a minute with ignition switch in the OFF position and close the drivers door. When reconnecting the positive and negative terminals to the battery be sure the ignition switch is in the OFF position and the drivers door is closed.

BODYWORK**Protection From Atmospheric Agents**

Vehicle body care requirements vary according to geographic locations and usage. Chemicals that make roads passable in snow and ice and those that are sprayed on trees and road surfaces during other seasons are highly corrosive to the metal in your vehicle. Outside parking, which exposes your vehicle to airborne contaminants, road surfaces on which the vehicle is operated, extreme hot or cold weather and other extreme conditions will have an adverse effect on paint, metal trim, and underbody protection.

The following maintenance recommendations will enable you to obtain maximum benefit from the corrosion resistance built into your vehicle.

What Causes Corrosion?

Corrosion is the result of deterioration or removal of paint and protective coatings from your vehicle.

The most common causes are:

- Road salt, dirt and moisture accumulation
- Stone and gravel impact
- Insects, tree sap and tar
- Salt in the air near seacoast localities
- Atmospheric fallout/industrial pollutants

Body And Underbody Maintenance**Cleaning Headlights**

Your vehicle is equipped with plastic headlights and fog lights that are lighter and less susceptible to stone breakage than glass headlights. Plastic is not as scratch resistant as glass and therefore different lens cleaning procedures must be followed.

To minimize the possibility of scratching the lenses and reducing light output, avoid wiping with a dry cloth. To remove road dirt, wash with a mild soap solution followed by rinsing.

Do not use abrasive cleaning components, solvents, steel wool or other aggressive material to clean the lenses.

Preserving The Bodywork**Washing**

- Wash your vehicle regularly. Always wash your vehicle in the shade using Mopar Car Wash, or a mild car wash soap, and rinse the panels completely with clear water.
- If insects, tar, or other similar deposits have accumulated on your vehicle, use Mopar Super Kleen Bug and Tar Remover to remove.
- Use a high quality cleaner wax, such as Mopar Cleaner Wax to remove road film, stains and to protect your paint finish. Take care never to scratch the paint.
- Avoid using abrasive compounds and power buffing that may diminish the gloss or thin out the paint finish.

CAUTION!

- Do not use abrasive or strong cleaning materials such as steel wool or scouring powder that will scratch metal and painted surfaces.
- Use of power washers exceeding 1,200 psi (8,274 kPa) can result in damage or removal of paint and decals.

Special Care

- If you drive on salted or dusty roads or if you drive near the ocean, hose off the undercarriage at least once a month.
- It is important that the drain holes in the lower edges of the doors, rocker panels, and trunk be kept clear and open.
- If you detect any stone chips or scratches in the paint, touch them up immediately. The cost of such repairs is considered the responsibility of the owner.
- If your vehicle is damaged due to a collision or similar cause that destroys the paint and protective coating, have your vehicle repaired as soon as possible. The cost of such repairs is considered the responsibility of the owner.

- If you carry special cargo such as chemicals, fertilizers, de-icer salt, etc., be sure that such materials are well packaged and sealed.
- If a lot of driving is done on gravel roads, consider mud or stone shields behind each wheel.
- Use Mopar Touch Up Paint on scratches as soon as possible. An authorized dealer has touch up paint to match the color of your vehicle.

INTERIORS**Seats And Fabric Parts**

Use Mopar Total Clean to clean fabric upholstery and carpeting.

WARNING!

Do not use volatile solvents for cleaning purposes. Many are potentially flammable, and if used in closed areas they may cause respiratory harm.

Seat Belt Maintenance

Do not bleach, dye or clean the belts with chemical solvents or abrasive cleaners. This will weaken the fabric. Sun damage can also weaken the fabric.

If the belts need cleaning, use a mild soap solution or lukewarm water. Do not remove the belts from the vehicle to wash them. Dry with a soft cloth.

Replace the belts if they appear frayed or worn or if the buckles do not work properly.

WARNING!

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

Plastic And Coated Parts

Use Mopar Total Clean to clean vinyl upholstery.

CAUTION!

- Direct contact of air fresheners, insect repellents, suntan lotions, or hand sanitizers to the plastic, painted, or decorated surfaces of the interior may cause permanent damage. Wipe away immediately.
- Damage caused by these type of products may not be covered by your New Vehicle Limited Warranty.

Cleaning Plastic Instrument Cluster Lenses

The lenses in front of the instruments in this vehicle are molded in clear plastic. When cleaning the lenses, care must be taken to avoid scratching the plastic.

1. Clean with a wet soft cloth. A mild soap solution may be used, but do not use high alcohol content or abrasive cleaners. If soap is used, wipe clean with a clean damp cloth.
2. Dry with a soft cloth.

Leather Parts

Mopar Total Clean is specifically recommended for leather upholstery.

Your leather upholstery can be best preserved by regular cleaning with a damp soft cloth. Small particles of dirt can act as an abrasive and damage the leather upholstery and should be removed promptly with a damp cloth. Stubborn soils can be removed easily with a soft cloth and Mopar Total Clean. Care should be taken to avoid soaking your leather upholstery with any liquid. Please do not use polishes, oils, cleaning fluids, solvents, detergents, or ammonia-based cleaners to clean your leather upholstery. Application of a leather conditioner is not required to maintain the original condition.

NOTE:

If equipped with light colored leather, it tends to show any foreign material, dirt, and fabric dye transfer more so than darker colors. The leather is designed for easy cleaning, and FCA recommends Mopar total care leather cleaner applied on a cloth to clean the leather seats as needed.

CAUTION!

Do not use Alcohol and Alcohol-based and/or Ketone based cleaning products to clean leather seats, as damage to the seat may result.

Glass Surfaces

All glass surfaces should be cleaned on a regular basis with Mopar Glass Cleaner, or any commercial household-type glass cleaner. Never use an abrasive type cleaner. Use caution when cleaning the inside rear window equipped with electric defrosters or windows equipped with radio antennas. Do not use scrapers or other sharp instruments that may scratch the elements.

When cleaning the rear view mirror, spray cleaner on the towel or cloth that you are using. Do not spray cleaner directly on the mirror.

TECHNICAL SPECIFICATIONS

IDENTIFICATION DATA

Vehicle Identification Number

The Vehicle Identification Number (VIN) is on the left front corner of the instrument panel and is visible from outside of the vehicle through the windshield.



Vehicle Identification Number

NOTE:

It is illegal to remove or alter the VIN.

BRAKE SYSTEM

Your vehicle is equipped with dual hydraulic brake systems. If either of the two hydraulic systems loses normal capability, the remaining system will still function. However, there will be some loss of overall braking effectiveness. You may notice increased pedal travel during application, greater pedal force required to slow or stop, and potential activation of the Brake Warning Light.

In the event power assist is lost for any reason (i.e., repeated brake applications with the engine off) the brakes will still function. However, the effort required to brake the vehicle will be much greater than that required with the power system operating.

WHEEL AND TIRE TORQUE SPECIFICATIONS

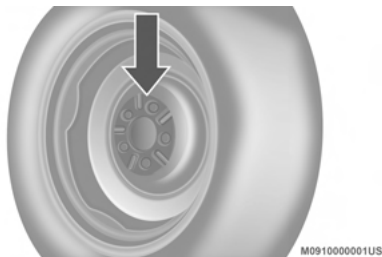
Proper lug nut/bolt torque is very important to ensure that the wheel is properly mounted to the vehicle. Any time a wheel has been removed and reinstalled on the vehicle, the lug nuts/bolts should be torqued using a properly calibrated torque wrench using a high quality six sided (hex) deep wall socket.

Torque Specifications

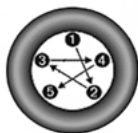
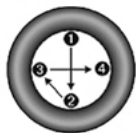
Lug Nut/Bolt Torque	**Lug Nut/Bolt Size	Lug Nut/Bolt Socket Size
100 Ft-Lbs (135 N-m)	M12 x 1.5	19 mm

**Use only authorized dealer recommended lug nuts/bolts and clean or remove any dirt or oil before tightening.

Inspect the wheel mounting surface prior to mounting the tire and remove any corrosion or loose particles.

**Wheel Mounting Surface**

Tighten the lug nuts/bolts in a star pattern until each nut/bolt has been tightened twice. Ensure that the socket is fully engaged on the lug nut/bolt (do not insert it halfway).



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Torque Patterns

After 25 miles (40 km) check the lug nut/bolt torque to be sure that all the lug nuts/bolts are properly seated against the wheel.

WARNING!

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

FUEL REQUIREMENTS**3.6L Engine**

Do not use E-85 flex fuel or ethanol blends greater than 15% in this engine.

87

These engines are designed to meet all emissions regulations and provide optimum fuel economy and performance when using high quality unleaded “Regular” gasoline having a posted octane number of 87 as specified by the (R+M)/2 method. The use of higher octane “Premium” gasoline is not required, as it will not provide any benefit over “Regular” gasoline in these engines.

While operating on gasoline with an octane number of 87, hearing a light knocking sound

from the engine is not a cause for concern. However, if the engine is heard making a heavy knocking sound, see your dealer immediately. Use of gasoline with an octane number lower than 87 can cause engine failure and may void or not be covered by the New Vehicle Limited Warranty.

Poor quality gasoline can cause problems such as hard starting, stalling, and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle.

Reformulated Gasoline

Many areas of the country require the use of cleaner burning gasoline referred to as “Reformulated Gasoline”. Reformulated gasoline contains oxygenates and are specifically blended to reduce vehicle emissions and improve air quality.

The use of reformulated gasoline is recommended. Properly blended reformulated gasoline will provide improved performance and durability of engine and fuel system components.

Materials Added To Fuel

Besides using unleaded gasoline with the proper octane rating, gasolines that contain detergents, corrosion and stability additives are recommended. Using gasolines that have these additives will help improve fuel economy, reduce emissions, and maintain vehicle performance.



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

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

Gasoline/Oxygenate Blends

Some fuel suppliers blend unleaded gasoline with oxygenates such as ethanol.

CAUTION!

DO NOT use E-85, gasoline containing methanol, or gasoline containing more than 15% ethanol (E-15). Use of these blends may result in starting and drivability problems, damage critical fuel system components, cause emissions to exceed the applicable standard, and/or cause the Malfunction Indicator Light to illuminate. Please observe pump labels as they should clearly communicate if a fuel contains greater than 15% ethanol (E-15).

Problems that result from using gasoline containing more than 15% ethanol (E-15) or gasoline containing methanol are not the responsibility of the manufacturer and may void or not be covered under New Vehicle Limited Warranty.

Do Not Use E-85 In Non-Flex Fuel Vehicles

Non-Flex Fuel Vehicles (FFV) are compatible with gasoline containing up to 15% ethanol (E-15). Use of gasoline with higher ethanol content may void the New Vehicle Limited Warranty.

If a Non-FFV vehicle is inadvertently fueled with E-85 fuel, the engine will have some or all of these symptoms:

- Operate in a lean mode
- OBD II Malfunction Indicator Light on
- Poor engine performance
- Poor cold start and cold drivability
- Increased risk for fuel system component corrosion

CNG And LP Fuel System Modifications

Modifications that allow the engine to run on Compressed Natural Gas (CNG) or Liquid Propane (LP) may result in damage to the engine, emissions, and fuel system components. Problems that result from running CNG or LP are not the responsibility of the manufacturer and may void or not be covered under the New Vehicle Limited Warranty.

MMT In Gasoline

Methylcyclopentadienyl Manganese Tricarbonyl (MMT) is a manganese-containing metallic additive that is blended into some gasoline to increase octane. Gasoline blended with MMT provides no performance advantage beyond gasoline of the same octane number without MMT. Gasoline blended with MMT reduces spark plug life and reduces emissions system performance in some vehicles. The manufacturer recommends that gasoline without MMT be used in your vehicle. The MMT content of gasoline may not be indicated on the gasoline pump; therefore, you should ask your gasoline retailer whether the gasoline contains MMT. MMT is prohibited in Federal and California reformulated gasoline.

Fuel System Cautions

CAUTION!

Follow these guidelines to maintain your vehicle's performance:

- The use of leaded gasoline is prohibited by Federal law. Using leaded gasoline can impair engine performance and damage the emissions control system.
- An out-of-tune engine or certain fuel or ignition malfunctions can cause the catalytic converter to overheat. If you notice a pungent burning odor or some light smoke, your engine may be out of tune or malfunctioning and may require immediate service. Contact an authorized dealer for service assistance.
- The use of fuel additives, which are now being sold as octane enhancers, is not recommended. Most of these products contain high concentrations of methanol. Fuel system damage or vehicle performance problems resulting from the use of such fuels or additives is not the responsibility of the manufacturer and may void or not be covered under the New Vehicle Limited Warranty.

NOTE:

Intentional tampering with the emissions control system can result in civil penalties being assessed against you.

Carbon Monoxide Warnings

WARNING!

Carbon monoxide (CO) in exhaust gases is deadly. Follow the precautions below to prevent carbon monoxide poisoning:

- Do not inhale exhaust gases. They contain carbon monoxide, a colorless and odorless gas, which can kill. Never run the engine in a closed area, such as a garage, and never sit in a parked vehicle with the engine running for an extended period. If the vehicle is stopped in an open area with the engine running for more than a short period, adjust the ventilation system to force fresh, outside air into the vehicle.
- Guard against carbon monoxide with proper maintenance. Have the exhaust system inspected every time the vehicle is raised. Have any abnormal conditions repaired promptly. Until repaired, drive with all side windows fully open.

FLUID CAPACITIES

	US	Metric
Fuel (Approximate)		
3.6L Engine	19 Gallons	71 Liters
Engine Oil With Filter		
3.6L Engine (SAE 0W-20 , API Certified)	5 Quarts	4.7 Liters
Cooling System*		
3.6L Engine (Mopar Antifreeze/Engine Coolant 10 Year/ 150,000 Mile (240,000 km) Formula)	13.1 Quarts – Standard Duty Cooling 13.4 Quarts – Heavy Duty Cooling	12.4 Liters – Standard Duty Cooling 12.7 Liters – Heavy Duty Cooling
* Includes heater and coolant reservoir filled to MAX level.		

FLUIDS AND LUBRICANTS

Engine

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	We recommend you use Mopar Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT (Organic Additive Technology) or equivalent meeting the requirements of FCA Material Standard MS.90032.
Engine Oil – 3.6L Engine	We recommend you use API Certified SAE 0W-20 Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as Mopar, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade.
Engine Oil Filter	We recommend you use a Mopar Engine Oil Filter.
Spark Plugs	We recommend you use Mopar Spark Plugs.
Fuel Selection – 3.6L Engine	87 Octane (R+M)/2 Method, 0-15% Ethanol (Do not use E-85).

CAUTION!

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

(Continued)

CAUTION! *(Continued)*

- Do not use water alone or alcohol-based engine coolant (antifreeze) products. Do not use additional rust inhibitors or antirust products, as they may not be compatible with the radiator engine coolant and may plug the radiator.
- This vehicle has not been designed for use with propylene glycol-based engine coolant (antifreeze). Use of propylene glycol-based engine coolant (antifreeze) is not recommended.

Chassis

Component	Fluid, Lubricant, or Genuine Part
Automatic Transmission	Use only Mopar ZF 8&9 Speed ATF Automatic Transmission Fluid, or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission.
Brake Master Cylinder	We recommend you use Mopar DOT 3 Brake Fluid, SAE J1703 should be used.
Refrigerant	Use only refrigerant R-1234yf Charge Amounts: Single A/C System – 1.94 lb (880g) Dual A/C System – 2.31 lb (1,050g)
Compressor Oil	Use only PAG oil PSD-1: Single A/C System – 140 ml Dual A/C System – 190 ml

MULTIMEDIA

UCONNECT SYSTEMS

For detailed information about your Uconnect 4/4C/4C Nav With 8.4-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.
- 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 “Onboard Diagnostic System (OBD II) Cybersecurity” in “Getting To Know Your Instrument Panel”.

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

Customer Programmable Features — Uconnect 4 Settings

Uconnect 4 Buttons On The Touchscreen And Buttons On The Faceplate

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

Press the Apps  button then press the Settings  button on the touchscreen to display the settings menu screen and press the Up or Down Arrow buttons on the right side of the screen to move up or down through the available settings. Settings gives you to access all of the available programmable features.

NOTE:

Only one touchscreen area may be selected at a time.

Depending on the vehicle options, feature settings may vary.

To change features, select the desired feature. This will bring you to the available options for the feature. Change feature settings as desired by pressing and releasing the preferred setting option until a check-mark appears next to the setting. Once the desired selection is made, either press the Back Arrow or the X button on the touchscreen to close the settings screen.

Pressing the Up or Down Arrow buttons on the touchscreen allows you to toggle through the available settings. The list of programmable features include:

NOTE:

All settings should be changed with the ignition in the “ON/RUN” position.

KeySense

This feature allows you to control specific settings when the KeySense key is in use. The vehicle’s KeySense settings are protected by a unique 4-digit PIN, which the vehicle owner creates when accessing the specific settings for the first time. This 4-digit PIN can only be reset by an authorized dealer.

After pressing the KeySense button on the touchscreen, and entering the KeySense PIN, the following settings will be available:

Setting Name	Selectable Options		
ParkSense – If Equipped	Sound Only	Sound and Display	
NOTE: The “ParkSense” system setting will scan for objects behind the vehicle when the transmission gear selector is in REVERSE (R) and the vehicle speed is less than 7 mph (11 km/h), when enabled. It will provide an alert (audible and/or visual) to indicate the proximity to other objects. The system can be enabled with “Sound Only” or “Sound and Display.”			
Front ParkSense Volume	Low	Medium	High
Rear ParkSense Volume	Low	Medium	High
Rear ParkSense Braking Assist	On	Off	
NOTE: When the “Rear ParkSense Braking Assist” feature is selected, the Park Assist system will detect objects located behind the vehicle and utilize autonomous braking to stop the vehicle.			

Setting Name	Selectable Options	
Blind Spot Alert – If Equipped	Lights	Lights & Chime
NOTE: When the “Blind Spot Alert” feature is selected, it will alert, visibly and/or audibly, to indicate objects are in your blind spot. The “Blind Spot Alert” feature can be activated in “Lights” mode. When this mode is selected, the Blind Spot Monitor (BSM) system is activated and will only show a visual alert in the exterior mirrors. When “Lights & Chime” mode is activated, the Blind Spot Monitor (BSM) will show a visual alert in the exterior mirrors as well as an audible alert when the turn signal is on. If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle to an authorized dealer to verify sensor alignment. Having a sensor that is misaligned will result in the BSM not operating to specification.		
Maximum Vehicle Speed	+	-
NOTE: The “Maximum Vehicle Speed” feature can be set to 65, 70, 75, 80, or 85 mph (90, 95, 100, 105, 110 km/h).		
Start Up Fuel Level Message	On	Off
Early Low Fuel Alert	On	Off

Language

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

Setting Name	Selectable Options		
Language	English	Français	Español
NOTE: When the “Language” feature is selected, you may select one of multiple languages (English / Français / Español) for all display nomenclature, including the trip functions and the navigation system (if equipped). Press the Language button on the touchscreen, then press the desired language button on the touchscreen until a check-mark appears next to the language, showing that setting has been selected.			

Display

After pressing the Display button on the touchscreen, the following settings will be available.

Setting Name	Selectable Options	
Display Mode	Auto	Manual
Display Brightness Headlights ON	+	-
NOTE: To make changes to the "Display Brightness With Headlights ON" setting, the headlights must be on and the interior dimmer switch must not be in the "party" or "parade" position. The setting can be changed from 1-10.		
Display Brightness Headlights OFF	+	-
NOTE: To make changes to the "Display Brightness With Headlights OFF" setting, the headlights must be off and the interior dimmer switch must not be in the "party" or "parade" position.		
Touchscreen Beep	On	Off
Control Screen Time-Out – If Equipped	On	Off
NOTE: When the "Control Screen Time-Out" feature is selected, the Control Screen will stay open for five seconds before the screen times out. With the feature deselected, the screen will stay open until it is manually closed.		
Navigation Turn-By-Turn In Cluster – If Equipped	On	Off
NOTE: When the "Navigation Turn-By-Turn In Cluster" feature is selected, the turn-by-turn directions will appear in the instrument cluster display as the vehicle approaches a designated turn within a programmed route.		
Phone Pop-Ups Displayed in Cluster – If Equipped	On	Off

Units

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

Setting Name	Selectable Options		
Units	US	Metric	Custom

NOTE:

The “Custom” option allows you to set 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), and “Temperature” (°C, or °F) units of measurement independently.

Voice

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

Setting Name	Selectable Options		
Voice Response Length	Brief	Detailed	
Show Command List	Always	With Help	Never

Clock

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

Setting Name	Selectable Options	
Sync Time With GPS – If Equipped	On	Off
Set Time Hours	+	-
NOTE: The “Set Time Hours” feature will allow you to adjust the hours. The Sync Time With GPS button on the touchscreen must be unchecked.		
Set Time Minutes	+	-
NOTE: The “Set Time Minutes” feature will allow you to adjust the minutes. The “Sync Time With GPS” button on the touchscreen must be unchecked.		
Time Format	12 hrs	24 hrs
	AM	PM
NOTE: Within the “Set Time and Format” setting, press the corresponding Arrow buttons on the touchscreen to adjust to the correct time.		

Camera – If Equipped

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

Setting Name	Selectable Options	
Surround View Camera Delay – If Equipped	On	Off
<p>NOTE: The “Surround View Camera Delay” setting determines whether or not the screen will display the 360 degree view image with guidelines for up to 10 seconds after the vehicle is shifted out of REVERSE. This delay will be canceled if the vehicle’s speed exceeds 8 mph (13 km/h), the transmission is shifted into PARK (P), or the ignition is switched to the OFF position.</p>		
Surround View Camera Guidelines – If Equipped	On	Off
<p>NOTE: The “Surround View Camera Guidelines” feature allows you to see active guidelines over the surround view camera display whenever the gear selector is put into REVERSE or the surround view camera guidelines button on the touchscreen is pressed. The image will be displayed on the radio touchscreen display.</p>		
ParkView Backup Camera Active Guidelines	On	Off
<p>NOTE: The “ParkView Backup Camera Active Guidelines” setting overlays the Backup Camera image with active, or dynamic, grid lines to help illustrate the width of the vehicle and its projected backup path, based on the steering wheel position when the option is checked. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver.</p>		

Safety/Assistance

After pressing the Safety/Assistance button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options		
LaneSense Warning – If Equipped	Early	Medium	Late
NOTE: The “LaneSense Warning” setting determines at what distance the LaneSense system warns you, through steering wheel feedback, of a possible lane departure.			
LaneSense Strength – If Equipped	Low	Medium	High
ParkSense – If Equipped	Sound Only		Sound and Display
Front ParkSense Volume – If Equipped	Low	Medium	High
Rear ParkSense Volume – If Equipped	Low	Medium	High
Rear ParkSense Braking Assist – If Equipped	On	Off	
Surround View Camera Delay – If Equipped	On	Off	
NOTE: The “Surround View Camera Delay” setting determines whether or not the screen will display the 360 degree view image with guidelines for up to 10 seconds after the vehicle is shifted out of REVERSE. This delay will be canceled if the vehicle’s speed exceeds 8 mph (13 km/h), the transmission is shifted into PARK (P), or the ignition is switched to the OFF position.			

Setting Name	Selectable Options		
Surround View Camera Guidelines – If Equipped	On	Off	
<p>NOTE: The “Surround View Camera Guidelines” feature allows you to see active guidelines over the surround view camera display whenever the gear selector is put into REVERSE or the surround view camera guidelines button on the touchscreen is pressed. The image will be displayed on the radio touchscreen display.</p>			
ParkView Backup Camera Active Guidelines – If Equipped	On	Off	
<p>NOTE: The “ParkView Backup Camera Active Guidelines” setting overlays the Backup Camera image with active, or dynamic, grid lines to help illustrate the width of the vehicle and its projected backup path, based on the steering wheel position when the option is checked. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver.</p>			
Blind Spot Alert – If Equipped	Off	Lights	Lights and Chime
<p>NOTE: When the “Blind Spot Alert” feature is selected, the Blind Spot Monitor (BSM) system is activated and will show a visual alert in the outside mirrors, or it will show a visual alert in the outside mirrors as well as play an audible alert when the turn signal is on. When “Off” is selected, the BSM system is deactivated.</p> <p>If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle to an authorized dealer to verify sensor alignment. A sensor that is misaligned will result in the BSM not operating to specification.</p>			
Hill Start Assist – If Equipped	On	Off	
Keysense – If Equipped	On	Off	

Mirrors & Wipers

After pressing the Mirror & Wipers button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Tilt Side Mirrors in Reverse – If Equipped	On	Off
Rain Sensing Auto Wipers – If Equipped	On	Off
Headlights with Wipers – If Equipped	On	Off

Brakes

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

Setting Name	Selectable Options	
Auto Park Brake	On	Off
Brake Service	Yes	No

NOTE:

Selecting the “Brake Service” feature will display a pop-up asking whether or you would like to retract the park brakes to allow brake system service.

Lights

After pressing the Lights button on the touchscreen, the following settings will be available.

Setting Name	Selectable Options	
Headlight Off Delay	0 sec	60 sec
	30 sec	90 sec
NOTE: When the “Headlight Off Delay” feature is selected, it allows the adjustment of the amount of time the headlights remain on after the engine is shut off.		
Headlight Illumination On Approach	0 sec	60 sec
	30 sec	90 sec
NOTE: When this feature is selected, it allows the adjustment of the amount of time the headlights remain on after the doors are unlocked with the key fob.		
Headlights With Wipers — If Equipped	On	Off
Auto Dim High Beams — If Equipped	On	Off
Daytime Running Lights	Yes	No
NOTE: When “Daytime Running Lights” feature is selected, the daytime running lights can be turned on or off. This feature is only available if allowed by law in the country of the vehicle purchase.		
Flash Lights With Lock	On	Off
Flash Lights With Power Sliding Door	On	Off

Doors & Locks

After pressing the Doors & Locks button on the touchscreen, the following settings will be available:

NOTE:

The auto door lock feature default condition is enabled. When enabled, the door locks will lock automatically when the vehicle's speed exceeds 12 mph (20 km/h). The auto door lock feature can be enabled or disabled by an authorized dealer per written request of the customer. Please see an authorized dealer for service.

Setting Name	Selectable Options	
Auto Unlock On Exit	On	Off
NOTE: When the "Auto Unlock On Exit" feature is selected, all doors will unlock when the vehicle is stopped and the transmission is in the PARK or NEUTRAL (N) position and the driver's door is opened.		
Flash Lights With Lock — If Equipped	On	Off
Sound Horn With Lock — If Equipped	Off	1st Press 2nd Press
Sound Horn With Remote Start — If Equipped	On	Off
1st Press of Key Fob Unlocks — If Equipped	Driver	All

NOTE:

When the "1st Press of Key Fob Unlocks" feature's "Driver" option is programmed, only the driver's door will unlock on the first push of the key fob unlock button; you must push the key fob unlock button twice to unlock the passengers doors. When "All" is programmed, all of the doors will unlock on the first press of the key fob unlock button. If "All" is programmed, all doors will unlock no matter which Passive Entry equipped door handle is grasped. If "Driver" is programmed, only the driver's door will unlock when the driver's door is grasped. Touching the handle more than once will only result in the driver's door opening once. If the driver door is opened, the interior door lock/unlock switch can be used to unlock all doors (or use key fob).

Setting Name	Selectable Options	
Passive Entry	On	Off
Hands Free Power Liftgate – If Equipped	On	Off
NOTE: When the “Power Liftgate Alert” feature is selected, an alert plays when the power liftgate is raising or lowering.		
Hands Free Power Sliding Door	On	Off
NOTE: The “Sliding Door Alert” feature only occurs when the hands-free feature is used, and not for other methods of opening the sliding door.		
Flashing Lights with Power Sliding Door – If Equipped	On	Off
Hands Free Power Lift Gate	On	Off
Hands Free Power Sliding Door	On	Off
Personal Settings Linked to Key Fob – If Equipped	On	Off
NOTE: The “Personal Settings Linked to Key Fob” feature provides automatic recall of all settings stored to a memory location (driver's seat, exterior mirrors, steering column position, and radio station presets) to enhance driver mobility when entering and exiting the vehicle. The seat returns to the memorized seat location, if the settings is set to “On”, when the key fob is used to unlock the door.		

Auto-On Comfort – If Equipped

After pressing the Auto-On Comfort button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options		
Auto-On Driver Heated/Ventilated Seat & Steering Wheel With Vehicle Start (if equipped)	Off	Remote Start	All Starts

NOTE:

When this feature is selected, the driver's heated seat and heated steering wheel will automatically turn ON when temperatures are below 40° F (4.4° C). When temperatures are above 80° F (26.7° C) the driver vented seat will turn on.

Key Off Options

After pressing the Engine Off Options button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Key Off Power Delay – If Equipped	0 sec	45 sec
	5 min	10 min

NOTE:

When the “Engine Off Power Delay” feature is selected, the power window switches, radio, Uconnect phone system (if equipped), DVD video system (if equipped), power sunroof (if equipped), and power outlets will remain active for up to 10 minutes after the ignition is placed in the OFF position. Opening either front door will cancel this feature.

Headlight Off Delay	0 sec	30 sec
	60 sec	90 sec

NOTE:

When the “Headlight Off Delay” feature is selected, it allows the adjustment of the amount of time the headlights remain on after the engine is shut off.

Setting Name	Selectable Options	
Easy Exit Seat – If Equipped	On	Off
NOTE: When the “Easy Exit Seat” feature is selected, it provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle.		

Audio

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

Setting Name	Selectable Options				
Equalizer	Bass	Mid	Treble		
NOTE: When in this display you may adjust the “Bass”, “Mid”, and “Treble” settings. Adjust the settings with the + and – setting buttons on the touchscreen or by selecting any point on the scale between the + and – buttons on the touchscreen. Bass/Mid/Treble also allow you to simply slide your finger up or down to change the setting, as well as press directly on the desired setting.					
Balance/Fade	Up Arrow Button	Down Arrow Button	Left Arrow Button	Right Arrow Button	Center “C” Button
NOTE: When in this display you may adjust the “Balance/Fade” of the audio by using the Arrow button on the touchscreen to adjust the sound level from the front and rear or right and left side speakers. Press the C Button on the touchscreen to reset the balance and fade to the factory setting.					
Speed Adjusted Volume	Off	1	2	3	
Surround Sound – If Equipped	On		Off		
Loudness	Yes		No		
NOTE: This feature improves sound quality at lower volumes when enabled.					

Setting Name	Selectable Options	
AUX Volume Offset – If Equipped	On	Off
NOTE: This feature provides the ability to tune the audio level for portable devices connected through the AUX input.		
AutoPlay	On	Off
NOTE: The “AutoPlay” setting, when activated, automatically starts playing music off of a connect device as soon as it is connected.		

Phone/Bluetooth®

After pressing the Phone/Bluetooth® button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Phone Pop-ups Displayed in Cluster	On	Off
Do Not Disturb	List of Settings	
NOTE: The “Do Not Disturb” feature allows the paired phone to send a predetermined call, text, or both, to any incoming call, or text, before sending it directly to voicemail. It also keeps a counter of all missed calls and texts while on the road.		
Paired Phones and Audio Devices	List of Paired Phones	
NOTE: This feature shows which phones are paired to the Phone/Bluetooth® system. For further information, refer to the Uconnect Owner’s Manual Supplement.		

SiriusXM® Setup – If Equipped

After pressing the SiriusXM® Setup button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Tune Start	On	Off
Channel Skip	List of Channels	
<p>NOTE: SiriusXM® can be programmed to designate a group of channels that are the most desirable to listen to or to exclude undesirable channels while scanning. This feature allows you to select the channels you would like to skip.</p>		
Subscription Information	Sirius ID	
<p>NOTE: New vehicle purchasers or lessees will receive a free limited time subscription to SiriusXM® Satellite Radio with your radio. Following the expiration of the free services, it will be necessary to access the information on the Subscription Information screen to re-subscribe.</p> <ol style="list-style-type: none"> 1. Press the Subscription Information button on the touchscreen to access the Subscription Information screen. 2. Write down the Sirius ID numbers for your receiver. To reactivate your service, either call the number listed on the screen or visit the provider online. 		

Clear Personal Data

After pressing the Clear Personal Data button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Clear Personal Data	Yes	Cancel

NOTE:

When the “Clear Personal Data” feature is selected, it will remove all personal data including Bluetooth® devices and presets.

Restore Settings

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

Setting Name	Selectable Options	
Restore Settings to Default	Yes	Cancel

NOTE:



When the “Restore Settings to Default” feature is selected it resets all settings to their default settings.

Customer Programmable Features — Uconnect 4C/4C NAV Settings



**Uconnect 4C/4C NAV Buttons On The Touchscreen And
Buttons On The Faceplate**

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

Press the 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 all of the available programmable features.

NOTE:

- Only one touchscreen area may be selected at a time.
- Depending on the vehicles options, feature settings may vary.

When making a selection, press the button on the touchscreen to enter the desired mode. Once in the desired mode, 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, either press the Back Arrow button on the touchscreen to return to the previous menu, or 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.

KeySense

The vehicle's KeySense settings are protected by a unique four digit PIN, which the vehicle owner creates when accessing the specific settings for the first time. This four digit PIN can only be reset by an authorized dealer.

After pressing the KeySense button on the touchscreen, and entering the KeySense PIN, the following settings will be available:

Setting Name	Selectable Options		
Forward Collision Sensitivity — If Equipped	Near	Med	Far
Forward Collision Warning Active Braking — If Equipped	On	Off	

NOTE:

When the “Forward Collision Warning Active Braking” feature is selected, the Advanced Brake Assist (ABA) applies additional brake pressure when the driver requests insufficient brake pressure to avoid a potential frontal collision. The ABA system becomes active at 5 mph (8 km/h).

Setting Name	Selectable Options		
ParkSense – If Equipped	Sound	Sound & Display	
Front ParkSense Volume	Low	Med	High
Rear ParkSense Volume	Low	Med	
Rear ParkSense Braking Assist	On	Off	

NOTE:

When the “Rear ParkSense Braking Assist” feature is selected, the Park Assist system will detect objects located behind the vehicle and utilize autonomous braking to stop the vehicle.

Blind Spot Alert – If Equipped	Lights	Lights & Chime
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NOTE:

When the “Blind Spot Alert” feature is selected, it will alert you, visibly and/or audibly, to indicate objects that are in your blind spot. The “Blind Spot Alert” feature can be activated in “Lights” mode. When this mode is selected, the Blind Spot Monitor (BSM) system is activated and will only show a visual alert in the exterior mirrors. When “Lights & Chime” mode is activated, BSM will show a visual alert in the exterior mirrors as well as an audible alert when the turn signal is on. If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle to an authorized dealer to verify sensor alignment. Having a sensor that is misaligned will result in the BSM not operating to specification.

Maximum Vehicle Speed	-	+
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NOTE:

The “Maximum Vehicle Speed” feature can be set to 65, 70, 75, 80, or 85 mph (90, 95, 100, 105 or 110 km/h).

Setting Name	Selectable Options	
Start Up Fuel Level Message	On	Off
Earlier Low Fuel Alert	On	Off
Channel Skip	List of Channels	
<p>NOTE: SiriusXM® can be programmed to designate a group of channels that are the most desirable to listen to or to exclude undesirable channels while scanning. This feature allows you to select the channels you would like to skip.</p>		
Subscription Information	Sirius ID	
<p>NOTE: New vehicle purchasers or lessees receive a free limited time subscription to SiriusXM® Satellite Radio with your radio. Following the expiration of the free services, it will be necessary to access the information on the Subscription Information screen to re-subscribe.</p> <ol style="list-style-type: none"> 1. Press the Subscription Information button on the touchscreen to access the Subscription Information screen. 2. Write down the Sirius ID numbers for your receiver. To reactivate your service, either call the number listed on the screen or visit the provider online. <p>SiriusXM® Travel Link is a separate subscription.</p>		

Language

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

Setting Name	Selectable Options
Language	List of Languages
<p>NOTE: When the "Language" feature is selected, you may select one of multiple languages (English / Français / Español) for all display nomenclature, including the trip functions and the navigation system (if equipped). Press the Language button on the touchscreen, then press the desired language button on the touchscreen until a check-mark appears next to the language, showing that setting has been selected.</p>	

Display

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

Setting Name	Selectable Options	
Display	Manual	Auto
Display Brightness Headlights ON	+	-
<p>NOTE: To make changes to the "Display Brightness With Headlights ON" setting, the headlights must be on and the interior dimmer switch must not be in the "party" or "parade" position.</p>		
Display Brightness Headlights OFF	+	-
<p>NOTE: To make changes to the "Display Brightness With Headlights OFF" setting, the headlights must be off and the interior dimmer switch must not be in the "party" or "parade" position.</p>		

Setting Name	Selectable Options	
Set Theme	On	Off
<p>NOTE: When the “Set Theme” feature is selected, you may select the theme for the display screen. To make your selection, press the Set Theme button on the touchscreen, then select the desired theme option button until a check-mark appears showing that the setting has been selected.</p>		
Touchscreen Beep	On	Off
Control Screen Time-Out (if equipped)	On	Off
<p>NOTE: When the “Control Screen Time-Out” feature is selected, the Control Screen will stay open for five seconds before the screen times out. With the feature deselected, the screen will stay open until it is manually closed.</p>		
Navigation Next Turn Pop-ups In Cluster (if equipped)	On	Off
<p>NOTE: When the “Navigation Next Turn Pop-ups In Cluster” feature is selected, the turn-by-turn directions will appear in the instrument cluster display as the vehicle approaches a designated turn within a programmed route.</p>		
Phone Pop-Ups Displayed in Cluster	On	Off
Ready to Drive Pop-Up (if equipped)	On	Off

Units

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

Setting Name	Selectable Options		
Units	US	Metric	Custom
NOTE: The “Custom” option allows you to set 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), and “Temperature” (°C, or °F) units of measurement independently.			

Voice

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

Setting Name	Selectable Options		
Voice Response Length	Brief	Detailed	
Show Command List	Never	With Help	Always

Clock

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

Setting Name	Selectable Options	
Sync Time With GPS (if equipped)	On	Off
Set Time Hours	+	-
NOTE: The "Set Time Hours" feature will allow you to adjust the hours. The Sync Time With GPS button on the touchscreen must be unchecked.		
Set Time Minutes	+	-
NOTE: The "Set Time Minutes" feature will allow you to adjust the minutes. The Sync Time with GPS button on the touchscreen must be unchecked.		
Time Format	12 hrs	24 hrs
	AM	PM
Show Time In Status Bar (if equipped)	On	Off

Camera – If Equipped

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

Setting Name	Selectable Options	
Surround View Camera (if equipped)	On	Off
NOTE: The “Surround View Camera” feature displays a complete 360 degree view of the vehicle's exterior environment while backing up.		
Surround View Camera Delay (if equipped)	On	Off
NOTE: The “Surround View Camera Delay” setting determines whether or not the screen will display the 360 degree view image with guidelines for up to 10 seconds after the vehicle is shifted out of REVERSE. This delay will be canceled if the vehicle’s speed exceeds 8 mph (13 km/h), the transmission is shifted into PARK (P), or the ignition is switched to the OFF position.		
Surround View Camera Guidelines (if equipped)	On	Off
NOTE: The “Surround View Camera Guidelines” feature allows you to see active guidelines over the Surround View camera display whenever the gear selector is put into REVERSE or the Surround View Camera Guidelines button on the touchscreen is pressed. The image will be displayed on the radio touchscreen display.		
ParkView Backup Camera Delay (if equipped)	On	Off
NOTE: The “ParkView Backup Camera Delay” setting determines whether or not the screen will display the rear view image with dynamic grid lines for up to 10 seconds after the vehicle is shifted out of REVERSE. This delay will be canceled if the vehicle’s speed exceeds 8 mph (13 km/h), the transmission is shifted into PARK (P), or the ignition is switched to the OFF position.		

Setting Name	Selectable Options	
ParkView Backup Camera Active Guide Lines (if equipped)	On	Off

NOTE:

The “ParkView Backup Camera Active Guide Lines” feature overlays the Backup Camera image with active, or dynamic, grid lines to help illustrate the width of the vehicle and its projected backup path, based on the steering wheel position when the option is checked. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver.

Safety & Driving Assistance

After pressing the Safety & Driving Assistance button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options		
Forward Collision Warning – If Equipped	Off	Only Warning	Warning + Active Braking

NOTE:

Changing the FCW status to “Off” prevents the system from warning you of a possible collision with the vehicle in front of you.

The FCW system state is kept in memory from one ignition cycle to the next. If the system is turned Off, it will remain off when the vehicle is restarted.

FCW includes Advanced Brake Assist (ABA). The ABA applies additional brake pressure when the driver requests insufficient brake pressure to avoid a potential frontal collision. When the “Only Warning” option is selected a chime sounds alerting you of a possible collision with the vehicle in front of you and more brake pressure is needed. When the “Warning + Active Braking” option is selected, it applies the brakes to slow your vehicle in case of a potential forward collision and sounds an audible chime to alert you.

Setting Name	Selectable Options		
Forward Collision Warning Sensitivity – If Equipped	Near	Med	Far
NOTE: The “Forward Collision Warning Sensitivity” setting determines at what relative distance the vehicle directly in front of you needs to be at before the system warns you of a possible collision based on the option selected. “Far” gives you the most amount of reaction time, whereas “Near” gives you the least amount of reaction time, based on the distance between the two vehicles. The default setting is “Med”.			
LaneSense Warning – If Equipped	Early	Med	Late
NOTE: The “LaneSense Warning” setting determines at what distance the LaneSense system will warn you, through steering wheel feedback, of a possible lane departure.			
LaneSense Strength – If Equipped	Low	Med	High
ParkSense – If Equipped	Sound Only	Sound and Display	
NOTE: The “ParkSense” system setting will scan for objects behind the vehicle when the transmission gear selector is in REVERSE and the vehicle speed is less than 7 mph (11 km/h), when enabled. It will provide an alert (audible and/or visual) to indicate the proximity to other objects. The system can be enabled with “Sound Only,” or “Sound and Display.”			
Front ParkSense Volume	Low	Med	High
Rear ParkSense Volume	Low	Med	High
Rear ParkSense Braking Assist (if equipped)	On	Off	
Sliding Door Alert – If Equipped	On	Off	
NOTE: When the “Sliding Door Alert” feature is selected, a chime plays when the sliding door reverses or an obstacle is sensed.			

Setting Name	Selectable Options		
Blind Spot Alert – If Equipped	Off	Lights	Lights & Chime
<p>NOTE: When the “Blind Spot Alert” feature is selected, the Blind Spot Monitor (BSM) system is activated and will show a visual alert in the outside mirrors, or it will show a visual alert in the outside mirrors as well as play an audible alert when the turn signal is on. When “Off” is selected, the BSM system is deactivated.</p> <p>If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle to an authorized dealer to verify sensor alignment. A sensor that is misaligned will result in the BSM not operating to specification.</p>			
Hill Start Assist – If Equipped	On	Off	
KeySense – If Equipped	On	Off	
Surround View Camera (if equipped) – If Equipped	On	Off	
<p>NOTE: The “Surround View Camera” feature displays a complete 360 degree view of the vehicle's exterior environment while backing up.</p>			
Surround View Camera Delay (if equipped) – If Equipped	On	Off	
<p>NOTE: The “Surround View Camera Delay” setting determines whether or not the screen will display the 360 degree view image with guidelines for up to 10 seconds after the vehicle is shifted out of REVERSE. This delay will be canceled if the vehicle's speed exceeds 8 mph (13 km/h), the transmission is shifted into PARK (P), or the ignition is switched to the OFF position.</p>			

Setting Name	Selectable Options	
Surround View Camera Guidelines (if equipped) – If Equipped	On	Off
<p>NOTE: The “Surround View Camera Guidelines” feature allows you to see active guidelines over the Surround View camera display whenever the gear selector is put into REVERSE or the Surround View Camera Guidelines button on the touchscreen is pressed. The image will be displayed on the radio touchscreen display.</p>		
ParkView Backup Camera Delay (if equipped) – If Equipped	On	Off
<p>NOTE: The “ParkView Backup Camera Delay” setting determines whether or not the screen will display the rear view image with dynamic grid lines for up to 10 seconds after the vehicle is shifted out of REVERSE. This delay will be canceled if the vehicle’s speed exceeds 8 mph (13 km/h), the transmission is shifted into PARK (P), or the ignition is switched to the OFF position.</p>		
ParkView Backup Camera Active Guide Lines (if equipped) – If Equipped	On	Off
<p>NOTE: The “ParkView Backup Camera Active Guide Lines” feature overlays the Backup Camera image with active, or dynamic, grid lines to help illustrate the width of the vehicle and its projected backup path, based on the steering wheel position when the option is checked. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver.</p>		

Mirrors & Wipers

After pressing the Mirror & Wipers button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Rain Sensing Auto Wipers	On	Off
Tilt Side Mirrors in Reverse	On	Off
Headlights with Wipers	On	Off

Brakes

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

Setting Name	Selectable Options	
Auto Park Brake	On	Off
Brake Service	Yes	No

NOTE:

Selecting the "Brake Service" feature will display a pop-up asking whether or you would like to retract the park brakes to all break system service.

Lights

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

Setting Name	Selectable Options	
Headlight Off Delay	0 sec	30 sec
	60 sec	90 sec
NOTE: When the “Headlight Off Delay” feature is selected, it allows the adjustment of the amount of time the headlights remain on after the vehicle is shut off.		
Headlight Illumination On Approach	0 sec	30 sec
	60 sec	90 sec
NOTE: When the “Headlight Illumination On Approach” feature is selected, it allows the adjustment of the amount of time the headlights remain on after the doors are unlocked with the key fob.		
Headlights With Wipers (if equipped)	On	Off
Auto Dim High Beams (if equipped)	On	Off
NOTE: When the “Auto Dim High Beams” feature is selected, the high beam headlights will activate/deactivate automatically under certain conditions.		
Daytime Running Lights	On	Off
NOTE: When “Daytime Running Lights” feature is selected, the daytime running lights can be turned on or off. This feature is only available if allowed by law in the country of the vehicle purchase.		
Flash Lights With Lock	On	Off
Flash Lights With Sliding Door	On	Off

Doors & Locks

After pressing the Doors & Locks button on the touchscreen, the following settings will be available:

NOTE:

The auto door lock feature default condition is enabled. When enabled, the door locks will lock automatically when the vehicle's speed exceeds 12 mph (20 km/h). The auto door lock feature can be enabled or disabled by an authorized dealer per written request of the customer. Please see an authorized dealer for service.

Setting Name	Selectable Options	
Auto Unlock On Exit	On	Off
NOTE: When the "Auto Unlock On Exit" feature is selected, all doors will unlock when the vehicle is stopped and the transmission is in the PARK or NEUTRAL (N) position and the driver's door is opened.		
Flash Lights With Lock	On	Off
Sound Horn With Lock (If equipped)	Off	1st Press 2nd Press
Sound Horn With Remote Start (if equipped)	On	Off
1st Press Of Key Fob Unlocks	Driver Door	All Doors
NOTE: When the "1st Press of Key Fob Unlocks" feature's "Driver" option is selected, only the driver's door will unlock on the first push of the key fob unlock button; you must push the key fob unlock button twice to unlock the passengers doors. When "All" is selected, all of the doors will unlock on the first press of the key fob unlock button. If "All" is programmed, all doors will unlock no matter which Passive Entry equipped door handle is grasped. If "Driver" is programmed, only the driver's door will unlock when the driver's door is grasped. Touching the handle more than once will only result in the driver's door opening once. If the driver door is opened, the interior door lock/unlock switch can be used to unlock all doors (or use key fob).		

Setting Name	Selectable Options	
Passive Entry	On	Off
Personal Settings Linked to Key Fob (If equipped)	On	Off
<p>NOTE: The “Personal Settings Linked to Key Fob” feature provides automatic recall of all settings stored to a memory location (driver’s seat, exterior mirrors, steering column position, and radio station presets) to enhance driver mobility when entering and exiting the vehicle.</p> <p>The seat returns to the memorized seat location, if the settings is set to “On,” when the key fob is used to unlock the door.</p>		
Hands Free Power Liftgate	On	Off
<p>NOTE: When the “Power Liftgate Alert” feature is selected, an alert plays when the power liftgate is raising or lowering.</p>		
Hands Free Power Sliding Door	On	Off
<p>NOTE: When the “Sliding Door Alert” feature is selected, a chime plays when the sliding door reverses or an obstacle is sensed.</p>		
Flash Lights with Sliding Door	On	Off
Hands Free Sliding Door	On	Off
Hands Free Power Lift Gate	On	Off

Seats & Comfort – If Equipped

After pressing the Seats & Comfort button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options		
Auto-on Dr Heat/Vent Seat & Steering Wheel (if equipped)	Off	Remote Start	All Starts

NOTE:

When this feature is selected, the driver's heated seat and heated steering wheel will automatically turn on when temperatures are below 40 °F (4.4 °C). When temperatures are above 80 °F (26.7 °C) the driver vented seat will turn on.

Key Off Options

After pressing the Engine Off Options button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Easy Exit Seat (if equipped)	On	Off

NOTE:

When the "Easy Exit Seat" feature is selected, it provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle.

Key Off Power Delay (if equipped)	0 sec	45 sec
	5 min	10 min

NOTE:

When the "Engine Off Power Delay" feature is selected, the power window switches, radio, Uconnect phone system (if equipped), DVD video system (if equipped), power sunroof (if equipped), and power outlets will remain active for up to 10 minutes after the ignition is cycled to OFF. Opening either front door will cancel this feature.

Setting Name	Selectable Options	
Headlight Off Delay	0 sec	30 sec
	60 sec	90 sec

NOTE:

When the “Headlight Off Delay” feature is selected, it allows the adjustment of the amount of time the headlights remain on after the engine is shut off.

Audio

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

Setting Name	Selectable Options
Balance/Fade	Speaker Icon

NOTE:

When in this display you may adjust the “Balance/Fade” of the audio by pressing and dragging the Speaker Icon toward any location in the box.

Equalizer	Bass	Mid	Treble
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NOTE:

When in this display you may adjust the “Bass”, “Mid”, and “Treble” settings. Adjust the settings with the + and – setting buttons on the touchscreen or by selecting any point on the scale between the + and – buttons on the touchscreen. Bass/Mid/Treble also allow you to simply slide your finger up or down to change the setting, as well as press directly on the desired setting.

Speed Adjusted Volume	Off	1	2	3
Surround Sound (if equipped)	On		Off	
AUX Volume Offset (if equipped)	+		-	

NOTE:

This feature provides the ability to tune the audio level for portable devices connected through the AUX input.

Setting Name	Selectable Options	
Auto Play	On	Off

Phone/Bluetooth®

After pressing the Phone/Bluetooth® button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Phone Pop-ups Displayed in Cluster	On	Off
Do Not Disturb	List Of Settings	

NOTE:

Press “Do Not Disturb” to access the available settings. The following settings are: Auto Reply (both, text, call), Auto Reply Message (custom, default), and Custom Auto Reply Message (create message).

Paired Phones And Audio Devices	List Of Paired Phones	
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NOTE:

This feature shows which phones and audio devices are paired to the Phone/Bluetooth® system. For further information, refer to the Uconnect Owner’s Manual Supplement.

Smartphone Projection Manager	On	Off
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SiriusXM® Setup – If Equipped

After pressing the SiriusXM® Setup button on the touchscreen, the following settings will be available:

Setting Name	Selectable Options	
Tune Start	On	Off
Channel Skip	List of Channels	
<p>NOTE: SiriusXM® can be programmed to designate a group of channels that are the most desirable to listen to or to exclude undesirable channels while scanning. This feature allows you to select the channels you would like to skip.</p>		
Subscription Information	Sirius ID	
<p>NOTE: New vehicle purchasers or lessees receive a free limited time subscription to SiriusXM® Satellite Radio with your radio. Following the expiration of the free services, it will be necessary to access the information on the Subscription Information screen to re-subscribe.</p> <ol style="list-style-type: none"> 1. Press the Subscription Information button on the touchscreen to access the Subscription Information screen. 2. Write down the Sirius ID numbers for your receiver. To reactivate your service, either call the number listed on the screen or visit the provider online. <p>SiriusXM® Travel Link is a separate subscription.</p>		

Accessibility – If Equipped

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

Setting Name	Selectable Options	
Accessibility – If Equipped	On	Off
NOTE: The “Accessibility” feature announces a function prior to performing the action selected when using DVD/Blu-ray™ and USB Video functions, when it is activated. For example, when activated, and the Play button is selected, the system will announce “Play button selected”, and then once pressed again the Play button will perform its action.		
Video Button Readback	On	Off

Restore Settings To Default

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

Setting Name	Selectable Options	
Restore App Drawer	OK	Cancel
Restore Settings To Default	OK	Cancel
NOTE: When the “Restore Settings” feature is selected it will reset all settings to their default settings.		
Clear Personal Data	OK	Cancel
NOTE: When the “Clear Personal Data” feature is selected it will remove all personal data including Bluetooth® devices and presets.		

System Information

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

Setting Name	Selectable Options
Software License	System Software Information Screen
NOTE: When this feature is selected, a “Software License” screen will appear, displaying the system software version.	

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.

Ensure that all persons 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. Return it to 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

- Read all instructions in this manual carefully before using your system to ensure proper usage.
- 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 the 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.

Exposure To Radio Frequency Radiation

The internal wireless radio operates within guidelines found in radio frequency safety standards and recommendations, which reflect the consensus of the scientific community. The radio manufacturer believes the internal wireless radio is safe for use by consumers. The level of energy emitted is far less than the electromagnetic energy emitted by wireless devices such as mobile phones. However, the use of wireless radios may be restricted in some situations or environments, such as aboard airplanes. If you are unsure of restrictions, you are encouraged to ask for authorization before turning on the wireless radio.

Care And Maintenance

Touchscreen

- Do not press the touchscreen with any hard or sharp objects (pen, USB stick, jewelry, etc.), which could scratch the touchscreen surface!
- Do not spray any liquid or caustic 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.

UCONNECT 4 WITH 7-INCH DISPLAY

Introduction

Uconnect 4 With 7-Inch Display



Uconnect 4 With 7-inch Display

NOTE:

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

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

2. **Media**

Press the Media button on the touchscreen to access media sources such as USB Device, AUX, and Bluetooth® as long as the requested media is present.

3. **Climate**

Refer to “Climate Controls” in “Getting To Know Your Vehicle” for further details.

4. **Apps**

Press the Apps button on the touchscreen to access Smartphone and Connected vehicle options.

5. **Controls**

Press the Controls button on the touchscreen to adjust the heated and vented seats or heated steering wheel (If Equipped).

6. **Phone**

Press the Phone button on the touchscreen to access the Uconnect Phone feature.

7. **Settings**


Press the Settings button on the touchscreen to access the Uconnect Settings menu.

Drag & Drop Menu Bar

The Uconnect features and services in the main menu bar are easily changed for your convenience. Simply follow these steps:



Uconnect 4 Main Menu

1. Press the Apps  button to open the App screen.
2. Press and hold, then drag the selected App to replace an existing shortcut in the main menu bar.

The new app shortcut, that was dragged down onto the main menu bar, will now be an active App/shortcut.

NOTE:

This feature is only available if the vehicle is in PARK.

Radio Mode

Radio Controls

The radio is equipped with the following modes:

- AM
- FM
- SiriusXM® Satellite Radio – If Equipped

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

Volume/Power Control

Push the Volume/Power control knob to turn off the screen and mute the radio. Push the Volume/Power control knob a second time to turn the screen back on and unmute the radio.

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

Tune/Scroll Control

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

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.

Screen Close

The X button on the touchscreen at the top right, provides a means to close the Direct Tune Screen. The Direct Tune Screen also auto closes if no activity occurs within a few seconds.

Seek And Direct Tune Functions

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 up or down.

Seek Up

Press and release the Seek Up button on the touchscreen to tune the radio to the next listenable station or channel. During a Seek Up 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

Press and hold the Seek Up button on the touchscreen 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.

Seek Down

Press and release the Seek Down button on the touchscreen to tune the radio to the next listenable station or channel. During a Seek 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 Down

Press and hold the Seek Down button on the touchscreen to advance the radio through the available stations or channel at a faster rate. The radio stops at the next available station or channel when the button on the touchscreen is released.

Direct Tune

Press the Tune button on the touchscreen located at the bottom of the radio screen. The Direct Tune button on the touchscreen is available in AM, FM, and SXM radio modes and can

be used to direct tune the radio to a desired 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 bottom left on the touchscreen.

OK

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

The selected Station or Channel number is displayed in the Direct Tune text box.

Setting Presets

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

When you are receiving a station that you wish to commit into memory, press and hold the desired numbered button on the touchscreen

for more than two seconds or until you hear a confirmation beep.

The Radio stores up to 12 presets in each of the Radio modes. A set of six presets are visible at the top of the radio screen.

You can switch between the two radio presets by pressing the Arrow button located in the upper right of the radio touchscreen.

Browse In AM/FM

When in either AM or FM, the Browse Screen provides a means to edit the Presets List and is entered by pushing the ENTER/BROWSE button.

Scrolling Preset List

Once in the Browse Presets screen, you can scroll the preset list by rotation of the TUNE/SCROLL knob, or by pressing the Up and Down Arrow keys, located on the right of the screen.

Preset Selection From List

A Preset can be selected by pressing any of the listed Presets or by pushing the ENTER/BROWSE button on the TUNE/SCROLL knob to select the currently highlighted Preset.

When selected, the radio tunes to the station stored in the Preset and returns to the main radio screen.

Deleting Presets

A Preset can be deleted in the Presets Browse screen by pressing the Trash Can icon for the corresponding Preset.

Return To Main Radio Screen

You can return to the Main Radio Screen, by pressing the X button on the touchscreen when in the Browse Presets screen.

SiriusXM® Satellite Radio Mode — If Equipped

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

SiriusXM® All Access Package

All satellite radio equipped vehicles come with a one year trial to the SiriusXM® All Access package, providing over 160 channels of the best programming for all the places life takes you.

- In your vehicle — You'll get every channel available on your radio, including all the premium programming like Howard Stern, every NFL® game, every MLB® game, every NASCAR® race, Oprah Radio, and more.

- On the go — With a SiriusXM® Internet Radio subscription included with the All Access trial, you'll get SiriusXM® on your computer, smartphone, or tablet. Including:

- A huge On Demand catalog
- Xtra Channels featuring SiriusXM® Latino — a collection of Spanish-language channels
- MySXM — allowing you to personalize your favorite music channels

Go to siriusxm.com/getallaccess for more information

SiriusXM® services require subscriptions, sold separately after the 12-month trial included with the new vehicle purchase. If you decide to continue your service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call SiriusXM® at 866-635-2349 to cancel. See SiriusXM® Customer Agreement for complete terms at www.siriusxm.com. All fees and programming subject to change. Our satellite service is available only to those at least 18 and older in the 48 contiguous USA and D.C. Our SiriusXM® satellite service is also available in PR (with coverage limitations). Our Internet radio service is available throughout

our satellite service area and in AK. © 2019 SiriusXM® Radio Inc. Sirius, XM and all related marks and logos are trademarks of SiriusXM® Radio Inc. Service available in Canada; see www.siriusxm.ca.

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 Pre-View channel only.

Acquiring SiriusXM® Subscription

To activate the SiriusXM® Satellite Radio subscription, U.S. residents call:

1-800-643-2112

Canadian residents call:

1-877-438-9677

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 Genre is displayed below the Presets Bar.
- 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, see Presets, browse, Tune Knob, and Direct Tune.

In addition to the tuning Operation functions common to all Radio modes, the replay, Traffic/Weather Jump, and fav button functions are available in SiriusXM® Mode.

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.

Play/Pause

Press the Pause/Play button on the touchscreen to pause the playing of live or rewind content at any time. Play can be resumed again by pressing of the Pause/Play button on the touchscreen.

Rewind

Press the RW button on the touchscreen to rewind the content in steps of five seconds. Pressing the RW 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.

Forward

Each press of the FW 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 rewound, and therefore, can not be done for live content. A continuous press of the FW button on the touchscreen also forwards the content. The Radio begins playing the content at the point at which the press is released.

Live

Press the Live button on the touchscreen to resume playing of Live content.

Favorites

Press the Fav button on the touchscreen to activate the favorites menu, which will time out in five seconds in absence of user interaction. You can exit the Favorites Menu by a press of the X in the top right corner.

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 song, or favorite artist are 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.

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

Fav. Song: While the song is playing to set a Favorite Song, press the Fav button on the touchscreen and then the Fav 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 a sub menu to return to a parent menu by pressing the Back Arrow.

All

Press the All button at the left of the Browse Screen.

Channel List

Press the Channel List, or Genre, 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

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.

Presets

Press the Presets button located at the left of the Browse screen.

You can scroll the Presets list 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.

Preset Selection

A Preset can be selected by pressing any of the listed Presets, or by pushing the ENTER/BROWSE button on the TUNE/SCROLL knob to select the currently highlighted Preset. When selected, the Radio tunes to the station stored in the Preset, and returns to the main Radio screen.

Deleting A Preset

A Preset can be deleted in the Presets Browse screen by pressing the Trash Can Icon for the corresponding Preset.

Favorites

Press the Favorites button located at the left of 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 Setting tab at the top of the 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.

Select Teams

Press the Select Teams 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

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.

Featured

Press the Featured button, located on the left of the Browse screen. This feature provides a list of your featured favorite stations.

Audio Settings

Press the Audio button on the Satellite Radio main menu or within the Settings main menu, to activate the Audio settings screen for adjusting Balance & Fade, Equalizer, Speed Adjusted Volume, Loudness, AUX Volume Offset, Auto Play, and Radio Off With Door.

You can return to the Radio screen by pressing the X located at the top right.

Balance & Fade



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.

Pressing the Front, Rear, Left, or Right buttons or press and drag the red Speaker Icon to adjust the Balance/Fade.

Equalizer



Equalizer

Press the Equalizer button on the touchscreen to activate the Equalizer screen.

Press the + or – buttons, or by pressing and dragging over the level bar for each of the equalizer bands. The level value, which spans between plus or minus nine, is displayed at the bottom of each of the Bands.

Speed Adjusted Volume



Speed Adjusted Volume

Press the Speed Adjusted Volume button on the touchscreen to activate the Speed Adjusted Volume screen.

The Speed Adjusted Volume is adjusted by selecting from Off, 1, 2, or 3. This alters the automatic adjustment of the audio volume with variation to vehicle speed. Volume increases automatically as speed increase to compensate for normal road noise.

Surround Sound — If Equipped

Press the On button on the touchscreen to activate Surround Sound. Press Off to deactivate this feature.

When Surround Sound is On, you can hear audio coming from every direction as in a movie theatre or home theatre system.



Surround Sound

Loudness



Loudness

Press the On button on the touchscreen to activate Loudness. Press Off to deactivate this feature.

When Loudness is On, the sound quality at lower volumes improves.

AUX Volume Offset



AUX Volume Offset

Press the AUX Volume Offset button on the touchscreen to activate the AUX Volume Offset screen.

The AUX Volume Offset is adjusted by pressing of the + 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



Auto Play

Press the Auto Play button on the touchscreen to activate the Auto Play screen.

The Auto Play feature has two settings On and Off. With Auto Play on, music will begin to play from a connected device, immediately after it is connect to the radio.

Radio Off With Door



Radio Off With Door

Press the Radio Off With Door button on the touchscreen to activate the Radio Off With Door screen.

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

USB/iPod® Mode

Overview

USB/iPod® Mode is entered by either inserting a USB device or iPod® and cable into the USB Port or by pressing the Select Source button on the left side of the display, and then selecting USB 1, or USB 2 (if equipped).

Seek Up /Seek Down

Press and release the Seek Up button on the touchscreen for the next selection on the USB device/iPod®. 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/iPod® is within the first three seconds of the current selection.

Browse

Press the Browse button on the touchscreen to display the browse window. The left side of the browse window displays a list of ways you can browse through the contents of the USB device/iPod®. If supported by the device, you can browse by Folders, Artists, Playlists, Albums, Songs, etc. Press the desired button on the left side of the screen. The center of the browse window shows items and its sub-functions, which can be scrolled by pressing the Up and Down buttons to the right. The Tune/Scroll knob can also be used to scroll.

Media Mode

Press the Media button on the touchscreen to select the desired audio source: USB.

Repeat

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 on the touchscreen a second time to turn this feature off.

Shuffle

Press the Shuffle button on the touchscreen to play the selections on the USB/iPod® 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.

Info

Press the Info button on the touchscreen to display the current track information. Press the Info button on the touchscreen a second time to cancel this feature.

Tracks

Press the Tracks button on the touchscreen to display a pop up with the Song List. The currently playing song 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.

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

Audio

Refer to Radio Mode for adjusting the audio settings.

AUX Mode

Overview

AUX (Auxiliary Mode) is entered by inserting an AUX device using a cable with a 3.5 mm audio jack into the AUX port or by pressing the AUX button on the left side of the display.

Inserting 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 when you insert the device cable.

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/Mute 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.

Media Mode

Press the Media button on the touchscreen to select the desired audio source: AUX.

Audio

Refer to Radio Mode for adjusting the audio settings.

BLUETOOTH® MODE

Overview

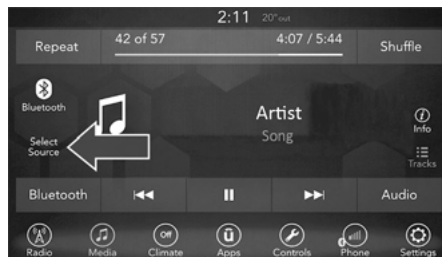
Bluetooth® Streaming Audio (BTSA) or Bluetooth® Mode is entered by pairing a Bluetooth® device, containing music, to the Uconnect System.

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

NOTE:

See the pairing procedure in the Uconnect Phone section for more details.

To access Bluetooth® mode, press the Select Source button on the left side of the display, and then select Bluetooth®.



Bluetooth® Mode

Seek Up▶▶ /Down◀◀

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.

Media Mode

Press the Media button on the touchscreen to select the desired audio source: Bluetooth®.

Tracks

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.

Audio

Refer to Radio Mode for adjusting the audio settings.

Android Auto™ & Apple CarPlay® — If Equipped

Android Auto™

NOTE:

Feature availability depends on your carrier and mobile phone manufacturer. Some Android Auto™ features may or may not be available in every region and/or language.

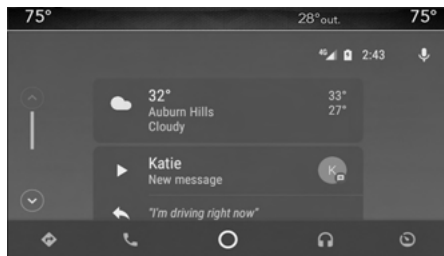
Android Auto™ is a feature of your Uconnect system, and your Android 5.0 Lollipop™, or higher, powered smartphone with a data plan, that allows you to project your smartphone and a number of its apps onto the touchscreen radio display. Android Auto™ automatically brings you useful information, and organizes it into simple cards that appear just when they are needed. Android Auto™ can be used with Google's best-in-class speech technology, the steering

wheel controls, the knobs and buttons on your radio faceplate, and the radio display's touchscreen to control many of your apps. To use Android Auto™, follow the following procedure:

1. Download the Android Auto™ app from the Google Play store on your Android™-powered smartphone.
2. Connect your Android™-powered smartphone to one of the media USB ports in your vehicle. If the Android Auto™ app was not downloaded, the first time you plug your device in, the app will begin to download.

NOTE:

Be sure to use the factory-provided USB cable that came with your phone, as aftermarket cables may not work.



Android Auto™

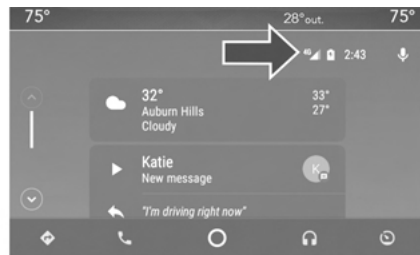
3. Once the device is connected and recognized, the “Phone” icon on the drag & drop menu bar changes to the Android Auto™ Icon. Android Auto™ should launch, but if it does not, refer to “Android Auto™ And Apple CarPlay® Tips And Tricks” in this section for the procedure to enable the feature “Auto-Show”. You can also launch it by touching the Android Auto™ icon on the touchscreen.

Once Android Auto™ is up and running on your Uconnect system, the following features can be utilized using your smartphone's data plan:

- Google Maps™ for navigation
- Google Play Music, Spotify, iHeart Radio, etc. for music
- Handsfree Calling, and Texting for communication
- Hundred of compatible apps

NOTE:

To use Android Auto™, make sure you are in an area with cellular coverage. Android Auto™ may use cellular data and your cellular coverage is shown in the upper right corner of the radio screen.



Signal Strength

NOTE:

Requires compatible smartphone running Android™ 5.0 Lollipop or higher and download app on Google Play. Android™, Android Auto™ and Google Play are trademarks of Google Inc.

Android Auto™ Maps

Push and hold the VR button on the steering wheel or tap the microphone icon to ask Google to take you to a desired destination by voice. You can also touch the Navigation icon in Android Auto™ to access Google Maps™.

NOTE:

If the VR button is not held, and is only pushed, the built-in Uconnect VR prompts you and any navigation command said launches the built-in Uconnect navigation system.

While using Android Auto™, Google Maps™ provides voice-guided:

- Navigation
- Live traffic information
- Lane guidance



Android Auto™ Maps

For further information, refer to www.android.com/auto/ (U.S. Residents) https://www.android.com/intl/en_ca/auto (Canadian Residents).

For further information on the navigation function, please refer to <https://support.google.com/android> or <https://support.google.com/androidauto/>.

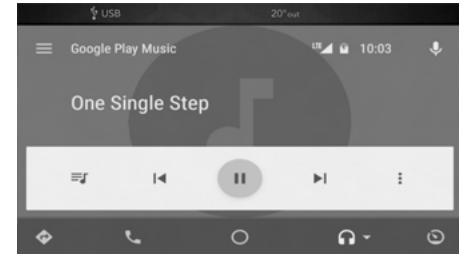
Android Auto™ Music

Android Auto™ allows you to access and stream your favorite music with apps like Google Play Music, iHeartRadio, and Spotify. Using your

smartphone's data plan, you can stream endless music on the road.

NOTE:

Music apps, playlists, and stations must be set up on your smartphone prior to using Android Auto™, for them to work with Android Auto™.



Android Auto™ Music

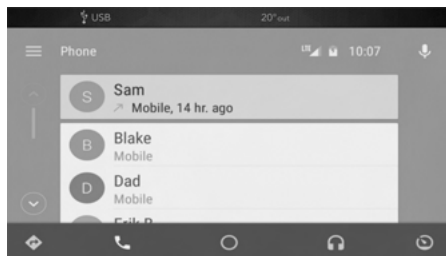
NOTE:

To see the metadata for the music playing through Android Auto™, select the Uconnect System's media screen.

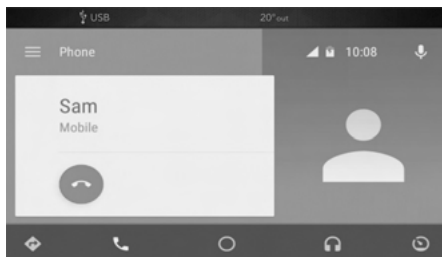
For further information refer to <https://support.google.com/androidauto/>.

Android Auto™ Communication

With Android Auto™ connected, press and hold the VR button on the steering wheel to activate voice recognition specific to the Android Auto™. This will allow you to send and reply to text messages, have incoming text messages read out loud, and place and receive hands-free calls.



Contacts



Call In Progress

Android Auto™ Apps

The Android Auto™ App will display all the compatible apps that are available to use with Android Auto™, every time it is launched. You must have the compatible app downloaded, and you must be signed in to the app for it to work with Android Auto™.

Refer to g.co/androidauto to see the latest list of available apps for Android Auto™.

Apple CarPlay® Integration

NOTE:

Feature availability depends on your carrier and mobile phone manufacturer. Some Apple CarPlay® features may or may not be available in every region and/or language.

Uconnect works seamlessly with Apple CarPlay®, the smarter, more secure way to use your iPhone® in the car, and stay focused on the road. Use your Uconnect Touchscreen display, the vehicle's knobs and controls, and your voice with Siri to get access to Apple Music®, Maps, Messages, and more.

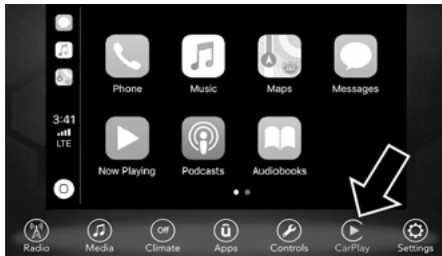
To use Apple CarPlay®, make sure you are using iPhone® 5 or later, have Siri enabled in Settings, ensure your iPhone® is unlocked for the very first connection only, and then use the following procedure:

1. Connect your iPhone® to one of the media USB ports in your vehicle.

NOTE:

Be sure to use the factory-provided Lightning cable that came with your phone, as after-market cables may not work.

2. Once the device is connected and recognized, the “Phone” icon on the drag & drop menu bar changes to the Apple CarPlay® Icon. Apple CarPlay® should launch, but if not, refer to “Android Auto™ And Apple CarPlay® Tips And Tricks” in this section for the procedure to enable the feature “AutoShow”. You can also touch the Apple CarPlay® icon on the touchscreen to launch it.



Apple CarPlay®

Once Apple CarPlay® is up and running on your Uconnect system, the following features can be utilized using your iPhone’s® data plan:

- Phone
- Music

- Messages
- Maps

NOTE:

To use Apple CarPlay® make sure that cellular data is turned on, and that you are in an area with cellular coverage. Your data and cellular coverage is shown on the left side of the radio screen.

NOTE:

Requires compatible iPhone®. See dealer for phone compatibility. Data plan rates apply. Vehicle user interface is a product of Apple®. Apple CarPlay® is a trademark of Apple® Inc. iPhone® is a trademark of Apple® Inc., registered in the US and other countries. Apple® terms of use and privacy statements apply.

Apple CarPlay® Phone

With Apple CarPlay®, press and hold the VR button on the steering wheel to activate a Siri voice recognition session. You can also press and hold the Home button within Apple CarPlay® to start talking to Siri. This allows you

to make calls or listen to voice mail as you normally would using Siri on your iPhone®.

NOTE:

Only temporarily pushing the VR button on the steering wheel launches a built-in VR session, not a Siri session, and it will not function with Apple CarPlay®.

Apple CarPlay® Music

Apple CarPlay® allows you to access all your artists, playlists, and music from iTunes®. Using your iPhone’s® data plan, you can also use select third party audio apps including music, news, sports, podcasts and more.



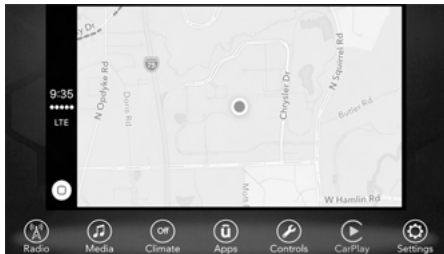
Apple CarPlay® Music

Apple CarPlay® Messages

Just like Phone, Apple CarPlay® allows you to use Siri to send or reply to text messages. Siri can also read incoming text messages, but driver's will not be able to read messages, as everything is done via voice.

Apple CarPlay® Maps

To use your Apple Maps® for navigation on your Uconnect system, launch Apple CarPlay®, and push and hold the VR button on the steering wheel to use Siri to set your desired destination. Alternatively, choose a nearby destination by pressing Destinations and selecting a category, by launching Siri from the destinations page, or even by typing in a destination.



Apple CarPlay® Maps

NOTE:

If the Voice Recognition (VR) button is not held, and is only pushed, the built-in Uconnect VR prompts you and any navigation command said launches the built-in Uconnect navigation system.

Apple CarPlay® Apps

To use a compatible app with Apple CarPlay®, you must have the compatible app downloaded, and you must be signed in to the app.

Refer to <http://www.apple.com/ios/carplay/> (U.S. Residents) or <https://www.apple.com/ca/ios/carplay/> (Canadian Residents) to see the latest list of available apps for Apple CarPlay®.

Android Auto™ And Apple CarPlay® Tips And Tricks

AutoPlay

AutoPlay is a feature of the Uconnect system that automatically begins playing music off of the connected device, as soon as it is connected. This feature can be turned on or off in the Uconnect Settings, within the Audio Settings category. It's default setting is on.

NOTE:

AutoPlay® is not supported by Android Auto™.

AutoShow

AutoShow is a feature of the Uconnect system that automatically launches and displays Android Auto™/Apple CarPlay® when the phone is initially connected to the USB media port. This feature can be turned on and off in the Uconnect Settings, within the Display Settings category. The default setting is on.

Android Auto™ Automatic Bluetooth® Pairing

After connecting to Android Auto™ for the first time and undergoing the setup procedure, the smartphone will automatically pair to the Uconnect system via Bluetooth® without any setup required every time it is within range, if Bluetooth® is turned on.

NOTE:

Android Auto™ features cannot be used with Bluetooth®, a USB connection is required for its use. Android Auto™ uses both Bluetooth® and USB connections to function, and the connected device will be unavailable to other devices when connected using Android Auto™.

Multiple Devices Connecting To The Uconnect System

It is possible to have multiple devices connected to the Uconnect system. For example, if using Android Auto™/Apple CarPlay®, the connected device will be the one that will be used to place hands-free phone calls or send hands-free text messages. However, another device can also be paired to the Uconnect system, via Bluetooth®, as an audio source, so the passenger can stream music.

NOTE:

- If using a Samsung device, every time it is connected to a media USB, and there is another device plugged in, you will need to manually change the configuration of the USB connection in order for the Samsung device to send data.
- The Uconnect 4 built-in media functions will be unavailable when Android Auto™/Apple CarPlay® are in use.

Phone Mode

Overview



Uconnect 4 With 7-inch Display Radio Phone Menu

- 1 — Favorite Contacts
- 2 — Mobile Phone Battery Life
- 3 — Currently Paired Mobile Phone
- 4 — Siri
- 5 — Mute Microphone
- 6 — Transfer To/From Uconnect System
- 7 — Conference Call*
- 8 — Phone Settings
- 9 — Text Messaging**
- 10 — Direct Dial Pad
- 11 — Recent Call Log
- 12 — Browse Phone Book Entries
- 13 — End Call

- 14 — Call/Redial/Hold
- 15 — Do Not Disturb
- 16 — Reply With Text Message

* — Conference Call feature only available on Global System Mobile (GSM) mobile devices
 ** — Text messaging feature not available on all mobile phones [requires Bluetooth® Message Access Profile (MAP) profile]

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

Uconnect Phone supports the following features:

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 reply. (Forward one of 18 pre-defined SMS messages to incoming calls/text messages).
- Redialing last dialed numbers (“Redial”).
- Calling back the last incoming call number (“Call Back”).
- View call logs on screen (“Show incoming calls,” “Show Outgoing calls,” “Show missed Calls,” “Show Recent Calls”).
- Searching contacts phone number (“Search for John Smith Mobile”).

NOTE:

Examples of Voice Commands are provided throughout this manual. For quick use, go to the Voice Command Quick Reference Section.

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.
- Listen to music on your Bluetooth® device via the touchscreen.
- 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 automatically mutes your radio when using the Uconnect Phone.

For Uconnect customer support:

- U.S. residents - visit UconnectPhone.com or call:
877-855-8400
- Canadian residents - (English) call:
800-465-2001
or (French) call:
800-387-9983
- Visit UconnectPhone.com

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 Uconnect Phone 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, so Uconnect Phone works no matter where you stow your mobile phone (be it your purse, pocket, or briefcase), as long as your phone is turned on and has been paired to the vehicle's Uconnect Phone. The Uconnect Phone allows up to 10 mobile phones or audio devices 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.

Uconnect Phone Button

The Uconnect Phone button on your steering wheel is used to get into the phone mode and make calls, show recent, incoming, outgoing calls, view phonebook etc.

Uconnect Voice Command Button

The Uconnect Voice Command button on your steering wheel is only used for “barge in” and when you are already in a call and you want to send tones or 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. Please see the Uconnect Voice Command section for direction on how to use the button.

The Uconnect Phone is fully integrated with the vehicle's audio system. The volume of the Uconnect Phone can be adjusted either from the radio volume control knob or from the steering wheel radio control.

Phone Operation

Operation

Voice commands can be used to operate the Uconnect Phone and to navigate through the Uconnect Phone 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 Contact” 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 your 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 Uconnect Phone sessions begin with a push of the VR button or the Phone button (if active) on the radio control head.

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 (if active) 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 need to reference your mobile phone Owner's Manual. Please visit UconnectPhone.com for complete mobile phone compatibility information.

NOTE:

- You must have Bluetooth® enabled on your phone to complete this procedure.
 - The vehicle must be in PARK.
1. Place the ignition in the ACC or ON position.
 2. Press the Phone button in the Menu Bar on the touchscreen.

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.

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.



Pairing A Phone

5. If No is selected, and you still would like to pair a mobile phone, press the “Phone Settings” button from the Uconnect Phone main screen.
 - Select “Paired Phones”, and then press the Add Device button on the touchscreen.

- 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 Phone.

NOTE:

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

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:

Software updates on your phone or the Uconnect system may interfere with the Bluetooth® 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.

Pair Additional Mobile Phones

1. Press the Phone Settings button on the touchscreen from the Phone main screen.
2. Press the Add Device button on the touchscreen.
3. Search for available devices on your Bluetooth® enabled mobile phone. When prompted on the phone, enter the name and PIN shown on the Uconnect screen.

4. Uconnect Phone will display an in process screen while the system is connecting.
5. 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.

NOTE:

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

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

- “Show Paired Phones” or
- “Connect My Phone”

Pair A Bluetooth® Streaming Audio Device

1. Press the Media button on the touchscreen to begin.
2. Change the Source to Bluetooth®.

3. Press the Bluetooth® button on the touchscreen to display the Paired Audio Devices screen.
4. Press the Add Device button on the touchscreen.

NOTE:

If there is no device currently connected with the system, a pop-up will appear.

5. Search for available devices on your Bluetooth®-enabled audio device. When prompted on the device, enter the PIN shown on the Uconnect screen.
6. Uconnect Phone will display an in process screen while the system is connecting.
7. When the pairing process has successfully completed, the system will prompt you to choose whether or not this is your favorite device. Selecting “Yes” will make this device the highest priority. This device will take precedence over other paired devices within range.

NOTE:

For devices which are not made a favorite, the device priority is determined by the order in which it was paired. The latest device paired will have the higher priority.

You can also use a following VR command to bring up a list of paired audio devices:

- “Show Paired Phones” or
- “Connect My Phone”

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 Phone Settings button on the touchscreen.
2. Press the Paired Phones or Paired Audio Sources button on the touchscreen.
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 button to exit out of the Settings screen.

Disconnecting A Phone Or Audio Device

1. Press the Phone Settings button on the touchscreen.
2. Press the Paired Phones or Paired Audio Devices button on the touchscreen.
3. Press the Settings button located to the right of the device name.
4. The options pop-up will be displayed.
5. Press the Disconnect Device button on the touchscreen.
6. Press the X button to exit out of the Settings screen.

Deleting A Phone Or Audio Device

1. Press the Phone Settings button on the touchscreen.
2. Press the Pair Phones or Paired Audio Devices button on the touchscreen.
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.

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

Making A Phone Or Audio Device A Favorite

1. Press the Phone Settings button on the touchscreen.
2. Press the Paired Phones or Paired Audio Devices button on the touchscreen.
3. Press the Settings button located to the right of the device name.
4. The options pop-up will be displayed.
5. Press the Make Favorite button on the touchscreen; you will see the chosen device move to the top of the list.
6. Press the X to exit out of the Settings screen.

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

If equipped and specifically supported by your phone, Uconnect Phone automatically downloads names (text names) and number entries from the mobile phone's phonebook. Specific Bluetooth® Phones with Phonebook Access Profile may support this feature.

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

- To call a name from a downloaded mobile phone book, follow the procedure in the "Uconnect Voice Recognition Quick Tips" section.
- Automatic download and update of a phone book, 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

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 symbol button next to the selected number to display the options 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

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. Press Remove from Favs.

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.

Ways To Initiate A Phone Call

Listed below are all the ways you can initiate a phone call with Uconnect Phone.

- 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

Dial By Saying A Number

1. Push the VR button on your steering wheel to begin.
2. After the “Listening” prompt and the following beep, say “Dial 151-123-4444.”
3. The Uconnect Phone will dial the number 151-123-4444.

Call By Saying A Phonebook Name

1. Push the VR button on your steering wheel to begin.
2. After the “Listening” prompt and the following beep, say “Call John Doe Mobile.”
3. The Uconnect Phone will dial the number associated with John Doe, or if there are multiple numbers it will ask which number you want to call for John Doe.

Call Controls

The touchscreen allows you to control the following call features:

- Answer
- End
- Ignore
- Hold/unhold
- Mute/unmute
- Transfer the call to/from the phone
- Swap two active calls
- Join two active calls together

Touch-Tone Number Entry

1. Press the Phone button on the touchscreen.
2. Press the Dial 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 Call.

If your vehicle has two or three buttons on the steering wheel (VR, Phone Send, and Phone End) press the VR button to send a touch-tone and say “Send 1234#” or you can say “Send Voicemail Password” if Voicemail password is stored in your mobile phonebook.

Recent Calls

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

- All Calls
- Incoming Calls
- Outgoing Calls
- 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 say “Show my incoming calls” from any screen and the incoming calls will be displayed.

NOTE:

Incoming can also be replaced with “Outgoing,” “Recent”, or “Missed.”

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 to accept the call. You can also press the Answer button on the touchscreen or press the 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. Press the Uconnect Phone button on the steering wheel, answer button on the touchscreen or caller ID box to place the current call on hold and answer the incoming call.

NOTE:

The Uconnect Phone compatible phones 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 you were using Do Not Disturb.

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® MAP.

Place/Retrieve A Call From Hold

During an active call, press the 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 dialpad, recent calls, SMS Inbox or from the phonebooks. To go back to the first call, refer to “Toggling Between Calls” in this section. To combine two calls, refer to “Join Calls” in this section.

Toggling Between Calls

If two calls are in progress (one active and one on hold), press the Swap 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 Calls button on the Phone main screen to combine all calls into a Conference Call.

Call Termination

To end a call in progress, momentarily press the Phone End 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

Press the Redial button on the touchscreen, or 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.

Browsing SMS

Using the steering wheel commands, you can view and manage the last 10 SMS messages received on the instrument panel. To use this function, the mobile phone must support the SMS exchange function through Bluetooth®.

Select the PHONE button on the instrument panel menu, and then select “SMS Reader” using the arrow keys on the steering wheel controls.

The “SMS Reader” submenu allows the last 10 SMS messages to be displayed.

Advanced Phone Connectivity

Transfer Call To And From Mobile Phone

The Uconnect Phone allows ongoing calls to be transferred from your mobile phone to the Uconnect 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.

Connect Or Disconnect Link Between The Uconnect Phone And Mobile Phone

If you would like to connect or disconnect the Bluetooth® connection between a Uconnect Phone paired mobile phone and the Uconnect Phone, follow the instructions described in your mobile phone User's Manual.

Things You Should Know About Your Uconnect Phone

Voice Command

For the best performance:

- Adjust the rearview mirror to provide at least ½ inch (1 cm) gap between the overhead console (if equipped) and the mirror.
- 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.

Performance is maximized under:

- Low-To-Medium Blower Setting
- Low-To-Medium Vehicle Speed
- Low Road Noise
- Smooth Road Surface
- Fully Closed Windows
- Dry Weather Condition

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.

Phonebook (Mobile and Favorites) 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.

Far End 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.

Bluetooth® Communication Link

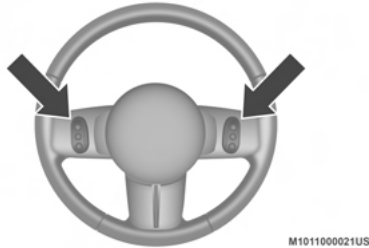
Mobile phones have been found to lose connection to the Uconnect Phone. When this happens, the connection can generally be re-established by switching the mobile phone OFF/ON. Your mobile phone is recommended to remain in Bluetooth® ON mode.

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.

STEERING WHEEL AUDIO CONTROLS — IF EQUIPPED

The remote sound system controls are located on the rear surface of the steering wheel at the three and nine o'clock positions. Both controls are rocker-type switches with a push-button in the center.



**Steering Wheel Audio Controls
(Back View Of Steering Wheel)**

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 listenable station and pushing the bottom of the switch will “Seek” Down for the next listenable 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 preset button.

Media Mode

Pushing the top of the switch once goes to the next track on the selected media (AUX/USB/Bluetooth®). Pushing the bottom of the switch once goes to the beginning of the current track, or to the beginning of the previous track if it is within eight seconds after the current track begins to play.

NOTE:

While In Media Mode, the center button on the left rocker switch is nonfunctional.

AUX/USB/MP3 CONTROL

There are numerous USB ports located throughout the vehicle. This feature allows an external USB device to be plugged into the USB port.

Plugging in a smartphone device to a USB Port may activate Android Auto™ or Apple CarPlay® features, if equipped. For further information, refer to “Android Auto™” or “Apple CarPlay®” in the Owner’s Manual Supplement.



Front Center Stack AUX Jack And USB Ports

- 1 – USB Port
- 2 – AUX Jack
- 3 – Uconnect Theater Rear Data USB Port (if equipped)

The data USB ports are located on the instrument panel below the climate controls. There are multiple USB “Charge Only” ports in this vehicle.

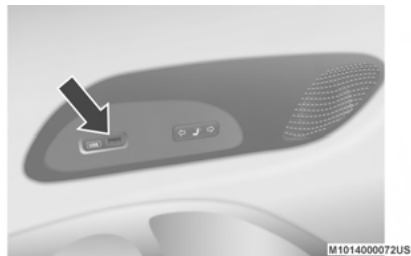
- In the center console
- On the back of the front row seats in the Uconnect Theater Media hubs
- Above the rear cup holders in the third row of seats



Center Console USB Charging Port

NOTE:

The USB outlet in the bottom of the instrument panel can be switched from ignition only to constant battery powered all the time. See an authorized dealer for details.



3rd Row USB Charging Port

NOTE:

The USB “Charge Only” ports will recharge battery operated USB devices when connected.

UCONNECT THEATER — IF EQUIPPED

Uconnect Theater Overview

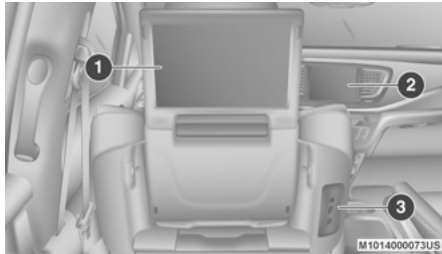
Your Uconnect Theater is designed to give your family years of enjoyment.

There are multiple ways to interact with your Uconnect Theater system;

- Play your favorite CDs, DVDs, or Blu-ray™ Discs
- Plug and play a variety of standard video games or devices into the HDMI port
- Listen to audio over the wireless headphones
- Plug and play a variety of devices into the Video USB port
- Plug in standard headphones to listen to audio
- Project your mobile phone or tablet screen onto the rear Uconnect Theater touchscreens

Please review this Owner's Manual to become familiar with its features and operation.

Getting Started



Uconnect Theater Screen

- 1 – Uconnect Theater Touchscreen (Rear Touchscreens)
- 2 – Uconnect System (Front Touchscreen)
- 3 – Uconnect Theater Media Hub (Headphone Jack, HDMI Input, USB Charge Only Port)

There are three different ways to operate the features of the Uconnect Theater:

- The Remote Control
- The Uconnect System
- The Individual Uconnect Theater Touchscreens

Accessing The System From The Uconnect System

You can access your Uconnect Theater system from the radio touchscreen following the steps below:

Option 1

1. Press the Media button.
2. Press the Uconnect Theater button icon.

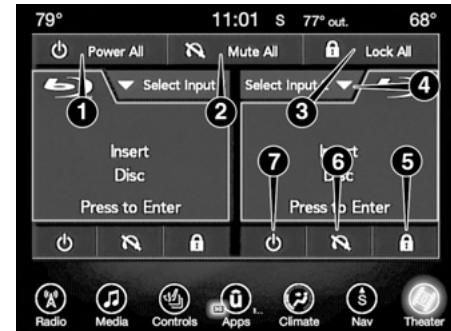
Option 2

1. Press the Apps button on the bottom of the touchscreen.
2. Press the Uconnect Theater button on the touchscreen. You may need to navigate to different pages in the Apps drawer to find the Uconnect Theater button.

NOTE:

The Uconnect Theater icon may be dragged and dropped down from the Apps drawer to the drag & drop menu to create an App/shortcut. Refer to “Drag & Drop Menu Bar” in this section for more information.

Uconnect Theater Controls



Uconnect Theater Summary Screen

- 1 – Power All On/Off (Controls Both Screens)
- 2 – Mute All On/Off (Controls Both Screens)
- 3 – Lock All On/Off (Controls Both Screens)
- 4 – Source Drop-Down List for Current Screen
- 5 – Lock On/Off for Current Screen
- 6 – Mute On/Off for Current Screen
- 7 – Power On/Off for Current Screen

Parents can control certain features of the system with the “Uconnect Theater Controls” screens, right from the Uconnect touchscreen radio. Options include:

- Change media sources or select Apps by using the drop-down list
- Lock one or both screens
- Mute an individual screen or both screens
- Turn “On/Off” one or both screens
- View media showing on a specific screen while gear selector is in PARK (P)
- Listen in to a particular Uconnect Theater screen through the vehicle’s sound system by selecting the “Listen In” feature after selecting the “Press to Enter” option.

Accessing The System From The Uconnect Theater Rear Screens

You can also access your Uconnect Theater system from the rear screens from the steps below:

1. Lift screen upward, the system will automatically power on.

NOTE:

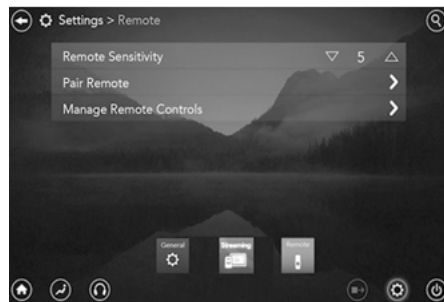
A message asking if you would like to pair a remote will pop up if one has not already been paired to the system.

2. If “YES” is selected to pair a remote, push any button on the remote and pairing will immediately start.
3. If “NO” is selected, the Uconnect Theater home screen will pop up.

NOTE:

- There will be a touchscreen notification message when pairing is successful.
- Test to make sure the remote is successfully paired by dragging your finger across the gesture pad. If you do not see the on-screen Arrow, try using the Screen button on the remote to switch between rear screen one and rear screen two to make sure the remote is controlling the intended screen. It may take several seconds for the remote to react when initially paired.
- If remote does not pair, refer to “Pairing The Remote” in this section for an alternative pairing process.

Pairing The Remote



Remote Pairing

If the remote needs to be paired to your Uconnect Theater system, follow the procedure below:

1. Install batteries into both remotes.
2. Press the Settings icon found in the lower right portion of the Uconnect Theater touchscreen.
3. Press the Remote button towards the bottom of the Uconnect Theater touchscreen, within the settings menu.

- Press the Pair Remote option. Press the OK button. A touchscreen notification will appear indicating that your remote has been paired successfully or unsuccessfully.
- Test to make sure the remote is successfully paired by dragging your finger across the gesture pad. If you do not see the On-Screen arrow, try using the Screen button on the remote to switch between rear screen one and rear screen two to make sure the remote is controlling the intended screen. It may take several seconds for the remote to react when initially paired.

NOTE:

- If pairing fails, try resetting the remote by pushing and holding the Play/Pause, Down Arrow, and the Screen button simultaneously for about five seconds until the back light flashes.
- If the remote is ever non-operational, try re-pairing the remote.
- The system can accommodate up to 10 paired remote controls.

Unpairing The Remote

In events such as updating the Uconnect Theater software, or taking a remote to another vehicle, the remote will need to be unpaired from your Uconnect Theater system. To unpair the remote:

- Press the Settings icon found in the lower right portion of the Uconnect Theater touchscreen.
- Press the Remote button towards the bottom of the Uconnect Theater touchscreen, within the settings menu.
- Select Manage Remote Controls from the Remote section of "Settings" and follow the on-screen instructions to complete the unpairing process.
- Once complete, the remote will be ready to pair again.

NOTE:

There will be a touchscreen notification message when unpairing is successful. Repeat the above steps to unpair a second remote.

Media Sources**Media Source Selection**

- Selected Source Screen 1
- Screen 2 Source Selection Drop Down

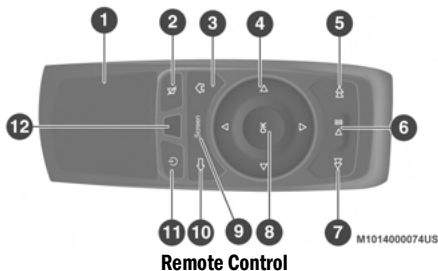
Users can select content for each screen from the front radio touchscreen by choosing desired content from the "Select Input" drop-down menu. Options include Blu-ray™ Disc, HDMI, USB, Apps, and Viewing the other rear screen.


NOTE:




Use the "View Screen" function to pull content from one screen to the other with a single press of a button. Doing this however will disable and

gray out certain player controls on the screen viewing the other screen's content.

Uconnect Theater Remote Control



- Gesture Pad** — Control pointer position by running your finger over this area and tapping to select items on the touchscreen, functions similar to a computer/laptop mouse.
- Mute Button** — Mutes headphone audio.
- Home Button** — Push to access available “Sources”.
- Arrow Buttons** — Push the Arrow  buttons to highlight an item or scroll through menus.

- Fast Forward Button**  — Push and hold to fast forward through the current audio track or video chapter. Push once to skip to the next track.
- Play/Pause Button**  ? — Begin/resume or pause disc play.
- Fast Rewind Button**  — Push and hold to fast rewind through the current audio track or video chapter. Push once to revert back to the previous track.
- OK Button** — Push to select the highlighted option in a menu.
- Screen Selector Button** — Push the screen selector to toggle between screen 1 (Driver Side), or screen 2 (Passenger Side).
- Back Button** — Push to exit out of menus or return to previous screen.
- Power Button** — Turns the screen for the selected channel on or off.
- Screen Indicator** — Indicates which screen (1 or 2) is being controlled by the remote control.

Replacing The Remote Control Batteries

Each remote control requires two AAA batteries for operation.

To replace the batteries:

- Locate the battery compartment on the back of the remote, then slide the battery cover downward.
- Remove the old batteries and follow battery recycling procedures for your area.
- Install new batteries, making sure to orient them according to the polarity diagram shown inside the battery compartment.
- Replace the battery compartment cover.

Uconnect Theater Home Screen And Controls



Uconnect Theater Home Screen (Rear Touchscreens)

- 1 — Search Button (Front USB Media Search)
- 2 — Power Button
- 3 — Settings Button
- 4 — Toggle Button List And Icon View
- 5 — Source Card Page Indicator
- 6 — Wired Headphone Volume
- 7 — Rear Climate Control Button
- 8 — Home Button
- 9 — Source Cards



Source Card Selection

You can choose sources such as HDMI, USB, Apps, or Blu-ray™. You may also view content of the opposite screen in one step by choosing the “View Screen” source card.

NOTE:

- Source card order can be changed by pressing the Settings button on the touchscreen and scrolling down to “Source Card Order”.
- Use the “View Screen” function to pull content from one screen to the other in a single press of a button. Doing this however will disable and gray out certain player controls on the screen viewing the other screen's content.

General Settings

To change Source Card order, select “Source Card Reorder”, then press and hold source card on the touchscreen, and drag and drop in desired order.

You can also adjust settings such as:

- Brightness
- Media port lighting on and off
- Clock on and off

NOTE:

System information can also be displayed under General Settings.

Remote Settings

Under this setting, you can access the following:

- Manage Remotes (this allows you to unpair remotes)
- Pair Remote
- Remote sensitivity (this adjusts the speed and sensitivity of cursor on screen when using gesture pad)

General Information

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

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

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

- Brand: Delphi
- Model: FCA REMOTE

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

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

- Marque: Delphi
- Modèle: FCA REMOTE

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

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

- Marca: Delphi
- Modelo: FCA REMOTE

NOTE:

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

Play A DVD/Blu-ray™ Or USB Media File From Uconnect System

1. Insert a Blu-ray™ Disc or DVD disc into the disc player with the label facing up, or insert a USB drive into rear Video USB port.

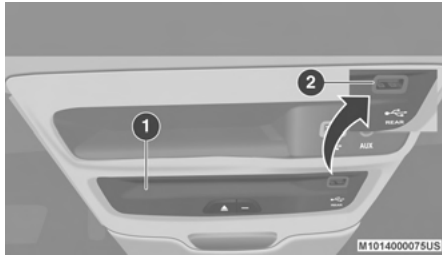
NOTE:

The DVD/Blu-ray™ Disc player and Video USB port are both located under the radio controls in the instrument panel.

2. Press the Uconnect Theater button on the radio touchscreen.

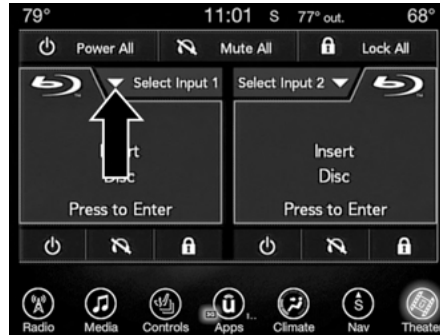
Refer to "Accessing The System From The Uconnect System" in this section for further information.
3. Select Disc or USB from the source controls (i.e. select the desired source from the "Select Input 1" or "Select Input 2" menu for the respective screen).
4. For DVD/Blu-ray™ disc – press the Press to Enter feature in the Movie Snapshot on the radio touchscreen, then press OK on the following screen. The steps to start a DVD are dependent on the steps required by that specific DVD. For USB Media Files - Press Music, Movie, or Folders, then select media title from list(s).

5. To play a DVD/Blu-ray™ disc on both screens simultaneously, select Disc from both screen drop downs, or choose Disc Source on one screen and push the View Screen button on the other.



DVD/Blu-ray™ Disc Player

- 1 — Disc Player (Rear)
2 — Rear Video USB Port



**Source Controls From The Uconnect System –
Uconnect Theater**



Uconnect System Media Control Screen

NOTE:

After selecting “Press to Enter” or the Movie Snapshot, the control functions for that screen appears. These controls only apply to the individual screen selected and include:

1. Power

Press to turn “Selected Screen” On/Off.

2. Mute

Mute rear headphones for selected source for the current ignition cycle. Pressing mute again will unmute rear headphones.

3. Lock

Press to enable/disable Remote Control functions and Rear Touchscreen Controls for the selected source.

4. View

Select this button to view full screen video if vehicle is not moving. Button is disabled when not viewing a video source or when the vehicle is in motion.

5. Listen In

Select this button to play one of the rear screens audio over the vehicle’s audio system.

NOTE:

To view video content on the radio screen, bring the vehicle to a stop.

Disc Menu

When listening to a CD Audio disc, CD Data disc, DVD, or Blu-ray™, pushing the remote control's Arrow buttons will navigate the cursor on the rear touchscreen in the desired direction, on whichever touchscreen is selected. The UP, DOWN, LEFT, and RIGHT Arrow buttons, and the OK and MENU buttons on the remote, along with the corresponding buttons overlaid on the radio touchscreen, can be used to navigate the disc menu when it appears. This can be used to select specific chapters in a movie, to navigate special features, or to play the movie from the menu.

NOTE:

Inserting a disc into the player will “auto play” the disc if already in the “Disc” source menu on the rear screens, and the disc supports “auto play.”

Blu-ray™ Controls – Disc Specific Functions

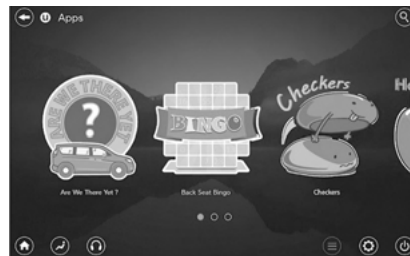
The four colored buttons (red, green, blue, yellow) are designed for use with certain Blu-ray™ disc movie titles to access particular

features or software on the disc. See the documentation provided with your Blu-ray™ disc movie to see if these buttons can be used. The 5-way control buttons located to the right of the four colored buttons, are used to navigate and select items in the disc's menu, like play movie, scene selection, etc.



Rear Touchscreen Blu-ray™ Controls – Disc Specific Functions

- 1 – Red Button
- 2 – Green Button
- 3 – Blue Button
- 4 – 5-Way Control Buttons
- 5 – Move 5-Way Controls Button
- 6 – Yellow Button

Uconnect Theater Apps

Apps Home Screen



Sudoku App Home Screen

Select the Apps source card to play pre-loaded games. Pressing the Help button teaches users how to play each game. Pick from games:

- Back Seat Bingo
- Checkers
- Hanging Fruit
- License Plate Game
- Math Flash Cards
- Solitaire
- Sudoku
- Tic Tac Toe

NOTE:

To exit a game, press Exit button then Back Arrow, or Home button on the touchscreen.

Are We There Yet? – Uconnect 4C NAV



Are We There Yet? App

- 1 – Decrease Timing Between Notifications Button
- 2 – Notifications ON/OFF Button
- 3 – Increase Timing Between Notifications Button
- 4 – Arrival Time
- 5 – Time Remaining Until Destination Is Reached
- 6 – Distance Remaining

When a navigation route has been set from the Uconnect system, the second row passengers can use “Are We There Yet?” for an animated screen showing distance and time remaining on navigation routes, as well as the estimated time of arrival with pop-up notifications. Notifications and their frequency can be set up for route information by using the Arrow buttons, and can be turned on and off using the “Notifications” button on the “Are We There Yet?” App. Estimated time of arrival notifications pop up at the bottom center of the screen.

Using The Rear Video USB Port



Rear Video USB Port

Plug in a USB drive, iPhone®, iPod® or mass storage device and play your favorite music or movies.

NOTE:

To view USB media on the rear theater screens, insert a USB drive into the port next to the DVD/Blu-ray™ Disc player. The USB drive port is located under the radio controls in the instrument panel.

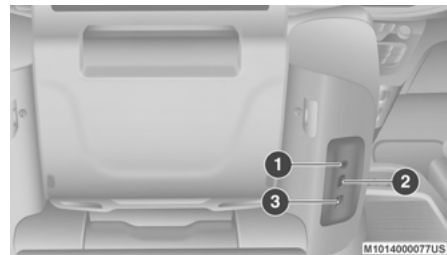


Search Screen

On the rear screen you can browse the content of the USB device by going to the USB source. Use the search feature to find your music faster.

Play Video Games

Connect the video game console to the HDMI 1 or 2 ports, located behind the first row seat.



AUX/HDMI/USB

- 1 — Headphone Jack (Headphone Output Only)
- 2 — HDMI Port
- 3 — USB Port (Charge Only)

NOTE:

Certain high-end video games will exceed the power limit of the vehicle's Power Inverter. Refer to "Power Inverter" in "Getting To Know Your Vehicle" in this guide for further information.

Headphones Operation

The headphones receive two separate channels of audio using an infrared transmitter from the video screens.

If no audio is heard after increasing the volume control, there are a number of things that can be done to troubleshoot the issue:

- Verify that the screen is turned on.
- Check to see that the channel is not muted.
- Make sure that the headphones are on.
- Verify that the headphone channel selector button is on the desired channel. This button switches between the audio of screen 1 and screen 2.
- Install two new AAA type batteries in the headphones.



Uconnect Theater Headphones

- 1 – Power ON/OFF Button
 2 – Volume Control Wheel
 3 – Channel Selector Button

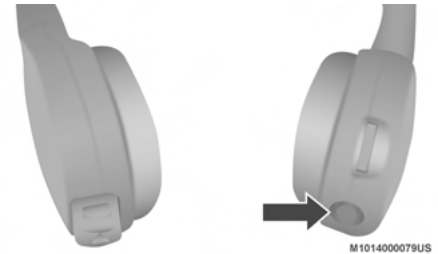
The headphone power indicator and controls are located on the right ear cup.

NOTE:

Uconnect Theater must be turned on before sound can be heard from the headphones. To conserve battery life, the headphones will automatically turn off approximately three minutes after the Uconnect Theater system is turned off.

Changing The Audio Mode For Headphones

1. Ensure the remote control and the headphones are on the same channel.
2. Push the Home button on the remote control.
3. When the Home menu appears on the touchscreen, use the Arrow buttons on the remote control to navigate to the available modes and push the OK button to select the new mode or use the Gesture Pad at the top of the remote control.



Headphone Channel Selector Button

Replacing The Headphone Batteries

Each set of headphones requires two AAA batteries for operation.

To replace the batteries:

1. Locate the battery compartment on the left ear cup of the headphones, and then slide the battery cover downward.
2. Remove the old batteries and follow battery recycling procedures for your area.
3. Install new batteries, making sure to orient them according to the polarity diagram shown inside the battery compartment.
4. Replace the battery compartment cover.

Stereo Headphone Lifetime Limited Warranty

Who Does This Warranty Cover? This warranty covers the initial user or purchaser ("you" or "your") of this particular Aptiv PLC ("Aptiv") wireless headphone ("Product"). The warranty is not transferable.

How Long Does the Coverage Last? This warranty lasts as long as you own the Product.


What Does This Warranty Cover? Except as specified below, this warranty covers any Product that in normal use is defective in workmanship or materials.

What Does This Warranty Not Cover? This warranty does not cover any damage or defect that results from misuse, abuse or modification of the Product other than by Aptiv. Foam earpieces, which will wear over time through normal use, are specifically not covered (replacement foam is available for a nominal charge). APTIV IS NOT LIABLE FOR ANY INJURIES OR DAMAGES TO PERSONS OR PROPERTY RESULTING FROM THE USE OF, OR ANY FAILURE OR DEFECT IN, THE PRODUCT, NOR IS APTIV LIABLE FOR ANY GENERAL, SPECIAL, DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, PUNITIVE OR OTHER DAMAGES OF ANY KIND OR NATURE WHATSOEVER. Some states and jurisdictions may not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights. You may also have other rights, which vary from jurisdiction to jurisdiction.

What Will Aptiv Do? Aptiv, at its option, will repair or replace any defective Product. Aptiv reserves the right to replace any discontinued Product with a comparable model. THIS WARRANTY IS THE SOLE WARRANTY FOR THIS PRODUCT, SETS FORTH YOUR EXCLUSIVE REMEDY REGARDING DEFECTIVE PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES (EXPRESS OR IMPLIED), INCLUDING ANY WARRANTY FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

If you have any questions or comments regarding your Aptiv wireless headphones, please email hpservice@aptiv.com or phone: 888-293-3332

Display Settings

When watching a video source, pressing the Settings  icon on the touchscreen activates the Settings menu. These settings control the appearance of the video on the screen. The factory default settings are already set for optimum viewing, so there is no need to change these settings under normal circumstances.

To change the settings, use one of the touchscreens or remote. To reset all values back to the original settings, select "Reset to Defaults", then select "YES."

Listening To Audio With The Screen Closed

To listen to only audio portion of the channel with the screen closed:

- Set the audio to the desired source and channel.
- Close the video screen.
- When the screen is reopened, the video screen will automatically turn back on and show the appropriate display menu or media.

If the screen is closed and there is no audio heard, verify that the headphones are turned on (the ON indicator is illuminated) and the headphone selector switch is on the desired channel. If the headphones are turned on, push the remote control's power button to turn audio on. If audio is still not heard, check that fully charged batteries are installed in the headphones.

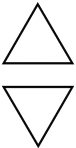




Rear Climate Controls

The rear climate controls can also be controlled using the Uconnect Theater system. Refer to "Climate Controls" in "Getting To Know Your Vehicle" for further information.



Rear Climate Controls

Icon	Description
ON	Climate Control ON Button Press and release this button to turn the Rear Climate.
OFF	Climate Control OFF Button Press and release this button to turn the Climate Controls off.
AUTO	AUTO Button Automatically controls the rear interior cabin temperature by adjusting airflow distribution and amount. Toggling this function will cause the system to switch between manual mode and automatic modes. Refer to "Automatic Operation" in "Getting To Know Your Vehicle" for more information.

Icon	Description
	<p>Rear Passenger Temperature Up and Down Buttons Provides the rear passengers with independent temperature control. Press the button on the touchscreen to increase or decrease the temperature. The temperature will get warmer as you move up toward the red arrow and colder as you move down toward the blue arrow.</p>
<p>Headliner Mode</p> 	<p>Headliner Mode Air comes from the outlets in the headliner. Each of these outlets can be individually adjusted to direct the flow of air. Moving the air vanes of the outlets to one side will shut off the airflow.</p>
<p>Bi-Level Mode</p> 	<p>Bi-Level Mode Air comes from both the headliner outlets and the floor outlets.</p> <p>NOTE: In many temperature positions, the Bi-Level mode is designed to provide cooler air out of the headliner outlets and warmer air from the floor outlets.</p>
<p>Floor Mode</p> 	<p>Floor Mode Air comes from the floor outlets.</p>
	<p>Blower Control Blower Control is used to regulate the amount of air forced through the climate system. There are seven blower speeds available. Adjusting the blower will cause automatic mode to switch to manual operation.</p>

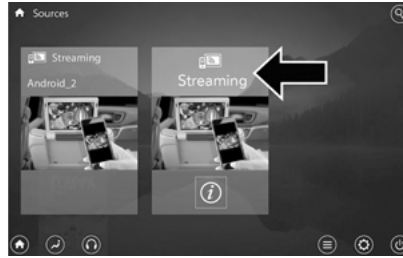
Accessibility — If Equipped

Accessibility is a feature of the DVD/Blu-ray™/USB Video system that announces a function prior to performing the action. Refer to “Uconnect Settings” in this chapter for further information.

Wireless Streaming — If Equipped

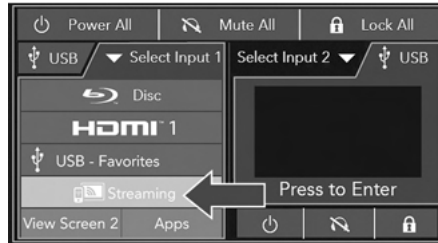
Your Uconnect Theater system may be equipped with Wireless Streaming functionality that allows you to project your smartphone or tablet onto your rear Uconnect Theater touchscreens. This Source Card will allow you to wirelessly link your compatible Android™ devices to your Uconnect Theater system and stream your device onto the touchscreens.

Choose the Wireless Streaming Source Card on your rear Uconnect Theater touchscreen.



Wireless Streaming Source Card

The first row passengers can also access wireless streaming by choosing the source in the Uconnect Theater menu on the front Uconnect touchscreen.



Streaming Source On Front Uconnect Touchscreen

NOTE:

For system compatibility, consult your device's Owner's Manual or www.uconnectphone.com to see if your device supports wireless streaming technology compatibility. Apple® devices do not support this feature.

To link your device to the rear Uconnect Theater touchscreens:

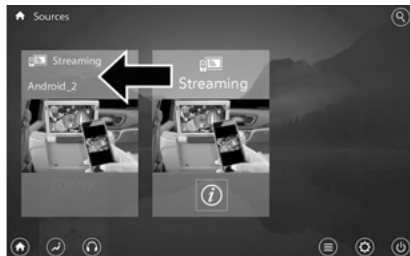
1. Enable your device's Wi-Fi.
2. Select the Wireless Streaming feature on your device. The name of this feature is device dependent and could include: mirror, cast, or smart view.

NOTE:

Refer to your device's Owners Manual or www.uconnectphone.com for further information.

3. Select “Pacifica Wireless Network” from the list of available networks on your device.

- When prompted by an Authentication Screen, press Accept on the touchscreen to begin wireless streaming on your device. If prompted, verify that the code on the rear touchscreen and the device match.



Streaming Device Source Card

Your phone will be added as an additional Source Card on the Uconnect Theater touchscreens.

NOTE:

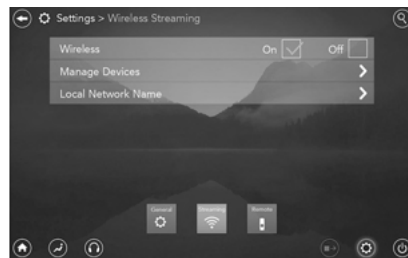
The Authentication Screen will appear on both rear touchscreens. The touchscreen screen on which Accept is selected will be the primary controller for the wireless streaming session.

NOTE:

- Some devices will allow you to control your device through the Uconnect Theater rear touchscreens. They will react to your selections from the touchscreen and be represented on your device as well. When supported, the Uconnect Theater task bar will appear at the top and bottom of the Uconnect Theater touchscreen, framing your streaming device.
- Devices that do not support this feature will not respond to Uconnect Theater touchscreen but can still be controlled using the streaming device.

Settings

Below is a list of the settings available for the Wireless Streaming feature of your Uconnect Theater system:



Wireless Streaming Settings

- Wireless: ON/OFF – Turn on and off the wireless feature of the Uconnect Theater system.
- Manage Devices – Allows the user to delete the paired devices.
- Local Network Name – Allows the user to rename the Pacifica Wireless Network.

Refer to the Wireless Streaming video on the Uconnect YouTube Channel at www.youtube.com/DriveUconnect for tips and additional information on the Wireless Streaming function.

BD And DVD Region Codes

Many BD and DVD discs are coded by geographic region. These region codes must match in order for the disc to play. If the region code for the BD or DVD disc does not match the region code for the Blu-ray™ Disc player, the disc will not play. USA and Canada are set for BD : code A / DVD : code 1.

Recorded Discs

The Blu-ray™ Disc player will play CD-R and CD-RW discs recorded in CD-Audio or Video-CD format, or as a CD-ROM containing MP3, AAC or WMA files. The player will also play DVD-Video content recorded to a DVD-R or DVD-RW disc. DVD-ROM discs (either pressed or recorded) are not supported. Compressed audio and DivX recorded on DVD is playable.

If you record a disc using a personal computer, there may be cases where the Blu-ray™ Disc player may not be able to play some or the entire disc, even if it is recorded in a compatible format and is playable on other players. To help avoid playback problems, use the following guidelines when recording discs.

- Open sessions are ignored. Only sessions that are closed are playable.
- For multi-session CDs that contain only multiple CD-Audio sessions, the player will renumber the tracks so each track number is unique.
- For CD Data (or CD-ROM) discs, always use the ISO-9660 (Level 1 or Level 2), Joliet, or Romeo format. Other formats (such as HFS, or others) are not supported.
- The player recognizes a maximum of 2000 files and 255 folders (includes the ROOT folder) per CD-R and CD-RW disc.
- Mixed media recordable DVD formats will only play the Video_TS portion of the disc.

If you are still having trouble writing a disc that is playable in the Blu-ray™ Disc player, check with the disc recording software publisher for more information about burning playable discs. The recommended method for labeling recordable discs (CD-R, CD-RW, and DVD-R) is with a permanent marker. Do not use adhesive labels as they may separate from the disc, become stuck, and cause permanent damage to the DVD player.

Compressed Audio Files (MP3, WMA and AAC)

The Blu-ray™ Disc player is capable of playing MP3 (MPEG-1 Audio Layer 3), WMA (Windows Media Audio) files and AAC (Advanced Audio Coding) from a CD Data disc (usually a CD-R or CD-RW) or DVD Data disc (usually a DVD-R or DVD-RW).

- The Blu-ray™ Disc player always uses the file extension to determine the audio format, so MP3 files must always end with the extension “.mp3” or “.MP3” and WMA files must always end with the extension “.wma” or “.WMA” and AAC files must always end with the extension “.aac” or “.AAC” or “m4a”. To prevent incorrect playback, do not use these extensions for any other types of files.
- For MP3 files, ID3v1, ID3v2 tag data (such as artist name, track title, album, etc.) are supported.
- Any file that is copy protected (such as those downloaded from many online music stores) will not play. The Blu-ray™ player will automatically skip the file and begin playing the next available file.

- Other compression formats such as MP3 Pro, Ogg Vorbis, and ATRAC3 will not play. The Blu-ray™ player will automatically skip the file and begin playing the next available file.
- If you are creating your own files, the recommended fixed bit rate for MP3 files is between 32 and 320Kbps and the recommended fixed bit rate for WMA files is between 16 and 192Kbps. Variable bit rates are also supported. For both formats, the recommended sample rate is either 44.1kHz or 48kHz.
- To change the current file, use the remote control “Seek Forward” or “Seek Back” buttons to return to the start of the current or previous file.
- AAC (MPEG-4 AAC, Low Complexity Profile) support.
- AAC HE v1 (AAC High Efficiency v1 aka. AAC/MPEG4v2 AAC+) support.
- HE-AAC v1, v2 support.

Disc Errors

If the Blu-ray™ Disc player is unable to read the disc, a "Disc Error" message is displayed on the rear screen and Radio displays. A dirty, damaged, or incompatible disc format are all potential causes for a "Disc Error" message.

If a disc has a damaged track which results in audible or visible errors that persists for two seconds, the Blu-ray™ Disc player will attempt to continue playing the disc by skipping forward one to three seconds at a time. If the end of the disc is reached, the Blu-ray™ Disc player will return to the beginning of the disc and attempt to play the start of the first track.

The Blu-ray™ Disc player may shut down during extremely hot conditions, such as when the vehicle's interior temperature is above 140 °F (60.0 °C). When this occurs, the player will display "High Temp" and will shut off the Rear Seat displays until a safe temperature is reached. This shutdown is necessary to protect the optics of the Blu-ray™ Disc player.

Product Agreement

Open Source Software

The software built into this product, are composed of multiple software components, and there are the copyrights of our company or third parties in each software component. Also, in this product, the following open source software has been installed.

- The licensed software for our company is based on GNU GENERAL PUBLIC LICENSE V2.0 ("GPL").
- The licensed software for our company is based on GNU LESSER GENERAL PUBLIC LICENSE V2.1 ("LGPL").
- The software which has the copyrights of a third party and is distributed as free software.

Please refer the contract details which are disclosed in the following websites, for example, concerning these above software.

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kernel 2.6.16.29	FreeType 2 2.2.1	gcc sh4eb 3.4.5	glibc 2.3.5	boot_loader sh-ipl +g 1.00
libgcc_s-3. 4.5	bash-3.0-3 1	busybox 1.00	MAKE DEV 1.1.0	module-init-tools 3.1.0
libtermcap 2.0.8	mtd-utils 20050619	initscripts 8.11.1-1	libstdc+ +3.4.5-10	libiconv 1.11
coreutils 6.9	dosfstools 2.10-3	directfb 1.0.0-rc1	kxml 1.21	binutils-sh4eb 2.16.91.0.2
v2lin 0.1	-	-	-	-

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DVD

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AVCHD

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BD-J

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WARNING!

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

General Information

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

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

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

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

1. l'appareil ne doit pas produire de brouillage, et

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

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

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

NOTE:

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

FCC/IC Regulatory Notices

Modification Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Interference Statement

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

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

Wireless Notice

This device complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Class B Digital Device Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interfer-

ence to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAN ICES-3 (B) / NMB-3 (B)

This Class B digital apparatus complies with Canadian ICES-003.

RADIO OPERATION AND MOBILE PHONES

Under certain conditions, the mobile phone being on in your vehicle can cause erratic or noisy performance from your radio. This condition may be lessened or eliminated by relocating the mobile phone antenna. This condition is not harmful to the radio. If your radio performance does not satisfactorily “clear” by the repositioning of the antenna, it is recommended that the radio volume be turned down or off during mobile phone operation when not using Uconnect (if equipped).

Regulatory And Safety Information

USA/CANADA

Exposure to Radio Frequency Radiation

The radiated output power of the internal wireless radio is far below the FCC and IC radio frequency exposure limits. Nevertheless, the wireless radio will be used in such a manner that the radio is 8 in (20 cm) or further from the human body.

The internal wireless radio operates within guidelines found in radio frequency safety standards and recommendations, which reflect the consensus of the scientific community.

The radio manufacturer believes the internal wireless radio is safe for use by consumers. The level of energy emitted is far less than the electromagnetic energy emitted by wireless devices such as mobile phones. However, the use of wireless radios may be restricted in some situations or environments, such as aboard airplanes. If you are unsure of restrictions, you are encouraged to ask for authorization before turning on the wireless radio.

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

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

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

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

NOTE:

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