2021 DODGE CHALLENGER/CHARGER
PERFORMANCE FEATURES GUIDE


SRT

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INTRODUCTION

Dear Customer,

This Performance Supplement has been prepared with the assistance of service and engineering specialists to acquaint you with the operation and maintenance of your vehicle. Within this information, you will find a description of the SRT services that FCA US LLC offers to its customers. Please take the time to read all of this publication carefully before driving your vehicle for the first time. Following the instructions, recommendations, tips, and important warnings in this manual will help ensure safe and enjoyable operation of your vehicle. After you have read the booklet, it should be stored in the vehicle for convenient reference and remain with the vehicle when sold. For additional information, refer to your vehicle's Owner's Manual.

When it comes to service, remember that authorized dealers know your Dodge® best, have factory-trained technicians and genuine MOPAR® parts, and care about your satisfaction.

SYMBOLS KEY

WARNING!	These statements are against operating procedures that could result in a collision, bodily injury and/or death.
CAUTION!	These statements are against procedures that could result in damage to your vehicle.
NOTE:	A suggestion which will improve installation, operation, and reliability. If not followed, may result in damage.
TIP:	General ideas/solutions/suggestions on easier use of the product or functionality.
PAGE REFERENCE ARROW 	Follow this reference for additional information on a particular feature.
FOOTNOTE 	Supplementary and relevant information pertaining to the topic.

If you do not read the entire Owner's Manual, you may miss important information. Observe all Cautions and Warnings.

SYMBOL GLOSSARY

Some car components have colored labels with symbols indicating precautions to be observed when using this component. It is important to follow all warnings when operating your vehicle. See below for the definition of each symbol ⇨ page 14.

White Indicator Lights	
	Sport Mode Indicator Light ⇨ page 19
	Custom Mode Indicator Light — If Equipped ⇨ page 19
	Track Mode Indicator Light — If Equipped ⇨ page 19
	Valet Mode Indicator Light — If Equipped ⇨ page 19

KEYS

KEY FOB

SRT vehicles equipped with the 6.2L engine come with three key fobs, two red and one black, that allow for different engine power levels ➪ page 41.

PROGRAMMING AND REQUESTING ADDITIONAL KEY FOBS

In SRT vehicles, black keys must be replaced with black keys and red keys must be replaced with red keys.

Refer to “Keys” in “Getting To Know Your Vehicle” in the Owner’s Manual for further information.

GETTING TO KNOW YOUR INSTRUMENT PANEL

INSTRUMENT CLUSTER

Charger 6.2L Supercharged Engine

Charger 6.2L Supercharged High Output Engine

Charger 6.4L Engine

Challenger 6.2L Supercharged Engine

Challenger 6.2L Supercharged High Output Engine

A0301000158US

Challenger 6.4L Engine

INSTRUMENT CLUSTER DESCRIPTIONS

1. Tachometer
   - Indicates the engine speed in revolutions per minute (RPM x 1000).
2. Instrument Cluster Display
   - When the appropriate conditions exist, this display shows the instrument cluster display messages ⇨ page 14.
3. Speedometer
   - Indicates vehicle speed.
4. Temperature Gauge
   - The temperature gauge shows engine coolant temperature. Any reading within the normal range indicates that the engine cooling system is operating satisfactorily.
   - The gauge pointer will likely indicate a higher temperature when driving in hot weather, up mountain grades, or when towing a trailer. It should not be allowed to exceed the upper limits of the normal operating range.

WARNING!

A hot engine cooling system is dangerous. You or others could be badly burned by steam or boiling coolant. You may want to call an authorized dealer for service if your vehicle overheats.

CAUTION!

Driving with a hot engine cooling system could damage your vehicle. If the temperature gauge reads greater than 230°F (110°C) pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off, for approximately one minute, until the pointer drops back into the normal range. If the pointer remains above 230°F (110°C), after idling for approximately one minute, turn the engine off immediately and call an authorized dealer for service.

5. Fuel Gauge
   - The pointer shows the level of fuel in the fuel tank when the Keyless Push Button Ignition is in the ON/RUN position.

   - The fuel pump symbol points to the side of the vehicle where the fuel door is located.

NOTE:
The hard telltales will illuminate for a bulb check when the ignition is first cycled.

INSTRUMENT CLUSTER DISPLAY

Your vehicle is equipped with an instrument cluster display, which offers useful information to the driver. With the ignition in the OFF mode, opening/closing of a door will activate the display for viewing, and display the total miles, or kilometers, in the odometer. Your instrument cluster display is designed to display important information about your vehicle's systems and features. Using a driver interactive display located on the instrument panel, your instrument cluster display can show you how systems are working and give you warnings when they are not. The steering wheel mounted controls allow you to scroll through the main menus and submenus. You can access the specific information you want and make selections and adjustments.

LOCATION AND CONTROLS

The instrument cluster display features an interactive display which is located in the instrument cluster.

Instrument Cluster Display

This system conveniently allows the driver to select a variety of useful information by pushing the arrow buttons located on the left side of the steering wheel. The instrument cluster display menu items consist of the following:

- Vehicle Info
- Performance
- Diagnostics — If Equipped
- Speed Warning — If Equipped

INSTRUMENT CLUSTER DISPLAY SELECTABLE MENU ITEMS

Push and release the **up** △ or **down** ▽ arrow button until the desired Selectable Menu item is displayed in the instrument cluster display.

Follow the Menu or submenu prompts as desired.

Vehicle Info

Push and release the **up** △ or **down** ▽ arrow button until the "Vehicle Info" menu is displayed in the instrument cluster display. Push and release the **right** ▷ or **left** ◁ arrow button to scroll through the submenus items of "Vehicle Info." Follow the directional prompts to access or reset any of the following "Vehicle Info" submenu items:

Battery Voltage

- Displays the actual battery voltage.
- Storage Mode
  - Through this option, the vehicle can be placed into Storage Mode ➪ page 88.

Intake Air Temp — If Equipped

- Displays the current temperature of the air entering the engine.

Engine Torque — If Equipped

- Displays the current engine torque.

Engine Power — If Equipped

- Displays the current engine power.

Air-Fuel Ratio — If Equipped

- Displays the air-fuel ratio.

Boost Pressure — If Equipped

- Displays the current boost pressure.

InterCooler (I/C) Temp — If Equipped

- Displays the current InterCooler (I/C) temperature.

Performance Features

WARNING!

Measurement of vehicle statistics with the Performance Features is intended for off-highway or track use only and should not be done on any public roadways. It is recommended that these features be used in a controlled environment and within the limits of the law. The capabilities of the vehicle as measured by the performance pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user's safety or the safety of others. Only a safe, attentive, and skillful driver can prevent accidents.

Push and release the **up** △ or **down** ▽ arrow button until the Performance menu is displayed in the instrument cluster display. Push the **right** ▷ or **left** ◁ arrow button to enter the submenus.

The Performance Features include the following:

- 0-60 mph (0-100 km/h) Timer
  - Best
  - Last
  - Recent
  - Reaction Timer
- 0-100 mph (0-160 km/h) Timer
  - Best
  - Last
  - Recent
  - Reaction Timer
- 1/8 Mile (200 meters) Timer
  - Best
  - Last
  - Recent
  - Reaction Timer

- 1/4 Mile (400 meters) Timer
  - Best
  - Last
  - Recent
  - Reaction Timer
- Braking Distance
  - Distance
  - From Speed
- Current G-Forces
- Peak G-Forces
- Lap Timer
- Lap History
  - Will list the last five laps with the best lap highlighted in green.
- Top Speed

Diagnostics — If Equipped

This feature allows the driver to view engine and emission vehicle faults.

- Push **OK** to have the most recent fault code sent.
- There is a delay when the next diagnostic code is requested during which the following message is displayed:

  "Checking System for Diagnostic Codes."
- Driver must push the **OK** button again to see the next Pcode otherwise current message remains displayed.
- Driver exits when they cycle to another submenu (**up** or **down**).
- Faults are displayed from newest to the oldest.
- If the menu is exited before the end of codes is reached - when the driver re-enters the list will be restarted from the beginning.
- When no codes are present or the last code is reached = (P0000) and this message is displayed:

  "No or End of Diagnostic Codes."

Speed Warning — If Equipped

Push and release the **up** △ or **down** ▽ arrow button until the Speed Warning Menu icon/title is displayed in the instrument cluster display. Push and release **OK** to enter speed warning. Use the **up** △ or **down** ▽ arrow button to select a desired speed, then push and release **OK** to set the speed. The white passive speed limiter telltale will light up with a notification text message (Speed Warning Set to XX), followed by the selected unit. When the set speed is exceeded, a continuous chime will sound until the speed is no longer exceeded. The white passive speed limiter telltale will turn yellow and will flash, and a pop-up message of "Speed Warning Exceeded" will display.

NOTE:
You can turn the Speed Warning off by using the **up** △ or **down** ▽ arrows to scroll through speed list and select **OFF** at the bottom of the list.

TRANSBRAKE™ (TRACK USE ONLY) — IF EQUIPPED

TransBrake™ is specifically designed for the drag strip by holding the vehicle stationary to achieve maximum power and torque at launch. This is done by engaging an additional transmission clutch. Torque Reserve is automatically enabled while using TransBrake™, and offers a unique exhaust note. The Torque Reserve feature maintains engine airflow to provide faster engine torque response and improve vehicle acceleration. This feature is intended for track use only, where consistent quarter mile and zero to sixty times are desired. The system is not intended to compensate for lack of driver experience or familiarity with the track. Use of this feature in low traction (cold, wet, gravel, etc.) conditions may result in excess wheel slip at launch.

NOTE:
TransBrake™ feature will only hold the vehicle stationary for up to 15 seconds once the brake pedal is released. The Torque Reserve feature is limited to 15 seconds after the engine speed reaches 950 RPM.

Release Paddle To Launch

NOTE:
The TransBrake™ feature provides the fastest method of launching the car which results in the lowest 1/4 mile ET.

DRAG MODE OPERATIONS

1. **Enable DRAG Mode** — A quick double press of the “SRT” button is a shortcut to enable DRAG mode. DRAG mode can also be accessed through the radio.
2. **High Octane Fuel** — If equipped, and the vehicle is fueled with proper high octane fuel rating, press the “High Octane Fuel” button for peak power.
3. **Line Lock** — Warm the tires by using Line Lock (burnout).
   - Initial Conditions:
     a) Vehicle speed must be 0 mph (0 km/h).
     b) Engine speed greater than 500 RPM.
     c) Radiator coolant temp less than 250° F (121°C).
     d) Odometer greater than 500 miles (805 kilometers).
     e) Cruise Control, Launch Mode, Trans-Brake and Valet Mode are disengaged.
     f) All doors closed.
     • Instructions for Line Lock (burnout) are displayed in instrument cluster display, and listed below.

   a. Press the brake pedal to hold the car still while transmission is in DRIVE.

   b. Select “Line Lock” feature though the touch screen radio.

c. Press and hold the “OK” button on the steering wheel to activate “Line Lock”.

d. While still holding down the “OK” button, fully release the brake pedal and apply the gas pedal to begin the burnout.

- Front brakes remain engaged.
- Feature is exited when either the gas pedal is lifted, the brake pedal is pressed, the “OK” button is released, or the max number of tire revolutions is attained.

4. TransBrake™ Launch

- Initial Conditions:
  - i) Odometer greater than 500 miles(805 kilometers).
  - b) Vehicle must have Drag mode enabled.
  - c) Engine is running.
  - d) Vehicle speed is at 0 mph (0 km/h).
  - e) Steering wheel is straight.
  - f) Vehicle is in “DRIVE” in 1st gear.
  - g) Radiator coolant temp is less than250°F (121°C).
  - h) Line Lock/Launch Control and Cruise Control are not engaged.
  - i) All doors are closed.
  - j) Parking brake is not set.
  - k) Vehicle is on level ground.
- Staging The Car
  - i) At or near Pre-Staging, pull and hold both paddle shifters back simultaneously.
  - b) Push and hold the brake pedal firmly with left foot.
  - c) Slowly apply steady throttle to a pre-staging engine speed (between 1,500-2,350 RPM).

NOTE:
Torque Reserve will be activated at 950 RPM: as a result engine vibration and exhaust tone will change noticeably.

  - d) Slightly release brake pressure to roll up to the stage lights while maintaining throttle and engine speed.
  - e) Stop at the full stage light and ensure vehicle speed is 0 mph (0 km/h).
  - f) Release one shift paddle at or above 1,500 RPM with zero wheel speed.
  - g) Remove foot from brake pedal.
  - h) TransBrake™ is fully engaged/ locked when brake pedal is released and reaches the up-stop.

NOTE:
The Electronic Stability Control (ESC) system holds brake pressure, and the transmission locks to hold driveline torque.

- TransBrake™ Engaged/Locked
  - i) Adjust throttle to target launch engine speed between idle - 2,350 RPM.
- TransBrake™ Release/Launch
  - j) Vehicle launches once the last paddle shifter is released.

NOTE:
If the engine speed rises above 2,350 RPM the TransBrake™ feature will cancel.

WARNING LIGHTS AND MESSAGES

The warning/indicator lights will illuminate in the instrument panel together with a dedicated message and/or acoustic signal when applicable. These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner's Manual, which you are advised to read carefully in all cases. Always refer to the information in this chapter in the event of a failure indication. All active telltales will display first if applicable. The system check menu may appear different based upon equipment options and current vehicle status. Some telltales are optional and may not appear.

WHITE INDICATOR LIGHTS

Sport Mode Indicator Light

This light will turn on when Sport Mode is active ⇨ page 46.

Custom Mode Indicator Light — If Equipped

This light will turn on when Custom Mode is active ⇨ page 46.

Track Mode Indicator Light — If Equipped

This light will turn on when Track Mode is active ⇨ page 45.

Valet Mode Indicator Light — If Equipped

This light will turn on when Valet Mode is active ⇨ page 57.

ENGINE BREAK-IN RECOMMENDATIONS — 6.2L AND 6.4L

The following tips will be helpful in obtaining optimum performance and maximum durability for your new vehicle.

The moving parts of the vehicle must still wear in with each other. This wearing in occurs mainly during the first 500 miles (805 km) and continues through the first oil change interval.

It is recommended for the operator to observe the following driving behaviors during the new vehicle break-in period:

0 to 100 miles (0 to 161 km):

- Do not allow the engine to operate at idle for an extended period of time.
- Press the accelerator pedal slowly and not more than halfway to avoid rapid acceleration.
- Avoid aggressive braking.
- Drive with the engine speed less than 3,500 RPM.
- Maintain vehicle speed below 55 mph (88 km/h) and observe local speed limits.

100 to 300 miles (161 to 483 km):

- Press the accelerator pedal slowly and not more than halfway to avoid rapid acceleration in lower gears (FIRST to THIRD gears).
- Avoid aggressive braking.
- Drive with the engine speed less than 5,000 RPM.
- Maintain vehicle speed below 70 mph (112 km/h) and observe local speed limits.

300 to 500 miles (483 to 805 km):

- Exercise the full engine RPM range, shifting manually at higher RPM when possible.
- Do not perform sustained operation with the accelerator pedal at wide open throttle.
- Maintain vehicle speed below 85 mph (136 km/h) and observe local speed limits.

For the first 1,500 miles (2,414 km):

- Do not participate in track events, sport driving schools, or similar activities during the first 1,500 miles (2,414 km).

NOTE:
Check engine oil with every refueling and add if necessary. Oil and fuel consumption may be higher through the first oil change interval. Running the engine with an oil level below the add mark can cause severe engine damage.

MANUAL TRANSMISSION — IF EQUIPPED

RECOMMENDED SHIFT SPEEDS

To utilize your manual transmission efficiently for fuel economy, it should be upshifted as listed in recommended shift speed chart.

MANUAL TRANSMISSION RECOMMENDED SHIFT SPEEDS				
Engine		1-4	4-5	5-6
6.4L	mph	20	37	48
	km/h	32	59	77

MANUAL TRANSMISSION RECOMMENDED SHIFT SPEEDS				
Engine		1-4	4-5	5-6
6.2L	mph	20	25	42
	km/h	32	40	67

Earlier upshifts during cruise conditions (relatively steady speeds) may result in increased fuel economy.

Higher upshift speeds may be used to obtain a desired acceleration rate.

NOTE:

- Your vehicle is equipped with a transmission reverse inhibitor system. Always press the clutch pedal fully to the floor before shifting into REVERSE. When vehicle speed is greater than 3 mph (5 km/h), the reverse inhibitor activates to help prevent shifts into REVERSE. When at a complete stop, you may notice lighter shift efforts into REVERSE with the ignition switch in the ON position (RUN position for Keyless Enter-N-Go), as compared to the ignition LOCK position (OFF position for Keyless Enter-N-Go). This is normal operation of the transmission reverse inhibitor system.
- Due to the high performance nature of your drivetrain, you may hear your transmission. This can be most noticeable when the vehicle is idling in NEUTRAL with the clutch engaged (clutch pedal released), but it may also be heard when driving at low engine RPM. Also, this may be more noticeable when the transmission is warm. This is a normal condition and is not an indication of a problem with your clutch or transmission.

1–4 SKIP SHIFT

In Auto Drive Mode, Default, or Street Drive Modes, there are times when you must shift the transmission directly from FIRST gear to FOURTH gear instead of from FIRST gear to SECOND gear. This is to help you get the best possible fuel economy from your vehicle. This occurs when the engine coolant (antifreeze) is higher than 106°F (41°C), vehicle speed is greater than 19 mph (30 km/h) but less than 21 mph (34 km/h), and the transmission is in FIRST gear, and the accelerator is at ¼ throttle or less.

NOTE:
The 1 - 4 Skip Shift feature is disabled when selecting Sport Mode, or when selecting Track or Custom Drive Modes ⇨ page 41.

After you shift the transmission to FOURTH gear, you can press the clutch in and shift to another forward gear.

DOWNSHIFTING

To maintain a safe speed and prolong brake life, downshift to maintain a safe speed when descending a steep grade.

WARNING!

Skipping more than one gear while downshifting, could cause you to lose control of your vehicle. You could have a collision.

CAUTION!

- If you skip more than one gear while downshifting or downshift at too high an engine speed, you could damage the engine, transmission, or clutch.
- Do not downshift into FIRST gear when the vehicle is moving faster than 15 mph (24 km/h), as you could damage the engine and/or clutch.

AUTOMATIC TRANSMISSION — IF EQUIPPED

You must press and hold the brake pedal while shifting out of PARK.

WARNING!

- Never use the PARK position as a substitute for the parking brake. Always apply the parking brake fully when exiting the vehicle to guard against vehicle movement and possible injury or damage.
- Your vehicle could move and injure you and others if it is not in PARK. Check by trying to move the transmission gear selector out of PARK with the brake pedal released. Make sure the transmission is in PARK before exiting the vehicle.
- The transmission may not engage PARK if the vehicle is moving. Always bring the vehicle to a complete stop before shifting to PARK, and verify that the transmission gear position indicator solidly indicates PARK (P) without blinking. Ensure that the vehicle is completely stopped, and the PARK position is properly indicated, before exiting the vehicle.

(Continued)

WARNING! *(Continued)*

- It is dangerous to shift out of PARK or NEUTRAL if the engine speed is higher than idle speed. If your foot is not firmly pressing the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and your foot is firmly pressing the brake pedal.
- Unintended movement of a vehicle could injure those in or near the vehicle. As with all vehicles, you should never exit a vehicle while the engine is running. Before exiting a vehicle, always come to a complete stop, then apply the parking brake, shift the transmission into PARK, and turn the ignition OFF. When the ignition is in the OFF mode, the transmission is locked in PARK, securing the vehicle against unwanted movement.

(Continued)

WARNING! *(Continued)*

- When exiting the vehicle, always make sure the ignition is in the OFF mode, remove the key fob from the vehicle, and lock the vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the transmission gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition in the ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.

CAUTION!

- Shift into or out of PARK or REVERSE only after the vehicle has come to a complete stop.
- Do not shift between PARK, REVERSE, NEUTRAL, or DRIVE when the engine is above idle speed.
- Before shifting into any gear, make sure your foot is firmly pressing the brake pedal.

AUTOSTICK

AutoStick is a driver-interactive transmission feature providing manual shift control, giving you more control of the vehicle. AutoStick allows you to maximize engine braking, eliminate undesirable upshifts and downshifts, and improve overall vehicle performance. This system can also provide you with more control during passing, city driving, cold slippery conditions, mountain driving, trailer towing, and many other situations.

Operation

In AutoStick mode, you can use the gear selector (in the MANUAL position), or the shift paddles to the MANUAL (M) position (beside the DRIVE (D) position), or tap one of the shift paddles on the steering wheel. Tapping the (-) shift paddle to enter AutoStick mode will downshift the transmission to the next lower gear, while tapping (+) to enter AutoStick mode will retain the current gear. The current transmission gear will be displayed in the instrument cluster.

Shifter Paddles

1 — (–) Shift Paddle
2 — (+) Shift Paddle

NOTE:

- Tapping one of the steering wheel-mounted shift paddles (+/-), (if equipped), while the gear selector is in DRIVE, will activate a temporary AutoStick mode. Tapping (-) to enter AutoStick mode will downshift the transmission to the next lower gear, while tapping (+) to enter AutoStick mode will retain the current gear. The current gear will be displayed in the instrument cluster, but the “M” will not be highlighted. The transmission will revert back to normal operation (if the gear selector remains in DRIVE) after a period of time, depending on accelerator pedal activity.
- In some models, the shift paddles may be disabled (or re-enabled, as desired) using Drive Mode Set-Up, accessed by selecting Performance Control or SRT Drive Modes from the Apps menu in the Uconnect screen.

In AutoStick mode, the transmission will shift up or down when (+/-) is manually selected by the driver (using the gear selector, or the shift paddles [if equipped]), unless an engine lugging or overspeed condition would result.

It will remain in the selected gear until another upshift or downshift is chosen, except as described below.

- In temporary AutoStick mode (gear selector in DRIVE), the transmission will automatically shift up when maximum engine speed is reached. If the accelerator is fully pressed, the transmission will downshift when possible. Lack of accelerator pedal activity will cause the transmission to revert to automatic operation.
- If normal AutoStick mode is engaged (gear selector in MANUAL position), manual gear selection will be maintained until the gear selector is returned to DRIVE, or as described below. The transmission will not upshift automatically at redline in this mode, nor will downshifts be obtained if the accelerator pedal is pressed to the floor.

- The transmission will automatically downshift as the vehicle slows (to prevent engine lugging) and will display the current gear.
- The transmission will automatically downshift to FIRST gear when coming to a stop. After a stop, the driver should manually upshift (+) the transmission as the vehicle is accelerated.
- You can start out, from a stop, in FIRST or SECOND gear. Tapping (+) (at a stop) will allow starting in SECOND gear. Starting out in SECOND gear can be helpful in snowy or icy conditions.
- If a requested downshift would cause the engine to over-speed, that shift will not occur and an indication will display.
- The system will ignore attempts to upshift at too low of a vehicle speed and an indication will display.
- Holding the (-) paddle pressed (if equipped), or holding the gear selector in the (-) position, will downshift the transmission to the lowest gear possible at the current speed.
- Transmission shifting will be more noticeable when AutoStick is enabled.
- The system may revert to automatic shift mode if a fault or overheat condition is detected.

To disengage AutoStick mode, return the gear selector to the DRIVE position, or press and hold the (+) shift paddle (if equipped, and the gear selector is already in DRIVE) until “D” is once again indicated in the instrument cluster. You can shift in or out of the AutoStick mode at any time without taking your foot off the accelerator pedal.

WARNING!
Do not downshift for additional engine braking on a slippery surface. The drive wheels could lose their grip and the vehicle could skid, causing a collision or personal injury.

FUEL SAVER TECHNOLOGY 6.4L ONLY — IF EQUIPPED

This feature offers improved fuel economy by shutting off four of the engine's eight cylinders during light load and cruise conditions. The system is automatic with no driver inputs or additional driving skills required. When the system is active, an indication will display within the instrument cluster “Fuel Economy” main menu screen.

NOTE:
This system may take some time to return to full functionality after a battery disconnect.

UCONNECT SETTINGS

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

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

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

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

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

CUSTOMER PROGRAMMABLE FEATURES

For the Uconnect 4/4C/4C NAV With 8.4-inch Display

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 programmable features.

NOTE:

- All settings should be changed with the ignition in the ON/RUN position.
- Only one area of the touchscreen may be selected at a time.

When making a selection, press one button on the touchscreen to enter the desired menu. Once in the desired menu, press and release the preferred setting option until a check mark appears next to the setting, showing that setting has been selected.

Once the setting is complete, 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.

NOTE:
Availability of settings, setting names, and menu options can vary depending on vehicle features, equipped Uconnect system, and the currently installed software.

Units

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

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

PERFORMANCE PAGES

Performance Pages is an application that provides a display for performance indicators, as received from the instrument cluster, that will help you gain familiarity with the capabilities of your vehicle in real-time.

To access the Performance Pages, press the Apps button on the touchscreen then press the Performance Pages button on the touchscreen. Press the desired button on the touchscreen to access that specific Performance Page.

WARNING!

Measurement of vehicle statistics with the Performance Pages is intended for off-highway or off-road use only and should not be done on any public roadways. It is recommended that these features be used in a controlled environment and within the limits of the law. The capabilities of the vehicle as measured by the Performance Pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user’s safety or the safety of others. Only a safe, attentive, and skillful driver can prevent accidents.

The Performance Pages include the following:

- Home
- Timers
- Gauges
- G-Force
- Engine
- Dyno

If a USB drive is installed in the media hub, press the Camera icon on the top right of the touchscreen when using Performance Pages. A screen shot of the page will be taken and saved onto the USB.

Screenshot Camera Button

The following describes each feature and its operation:

HOME

Performance Pages — Home

When Home is selected, a series of widgets (gauges) can be customized by the user.

Follow these steps to change a widget. Either press directly on the widget you want to change, or:

1. Press the Settings button (gear icon) on the touchscreen to access the main menu for the widgets.
2. Select one the following options from the menu:
   - Set Widget: Top Left
   - Set Widget: Top Right
   - Set Widget: Bottom Left
   - Set Widget: Bottom Right

3. After selecting a widget location, select the gauge to display:
   - Gauge: Oil Temp
   - Gauge: Oil Pressure
   - Gauge: Coolant Temp
   - Gauge: Battery Voltage
   - Gauge: Trans Temp — If Equipped with an Automatic Transmission
   - Gauge: Boost Pressure — If Equipped
   - Gauge: Air/Fuel Ratio — If Equipped
   - Gauge: I/C Coolant Temp — If Equipped
   - Gauge: Intake Air Temp
   - Gauge: Engine Torque
   - Gauge: Engine Power
   - Gauge: G-Force
   - Gauge: Steering Angle
   - Gauge: Current Gear
   - Gauge: Current Speed
   - Timer: 0–60 mph (0–100 km/h)
   - Timer: 0–100 mph (0–160 km/h)
   - Timer: 60 ft (20 m)
   - Timer: 330 ft (100 m)
   - Timer: 1/8 Mile (200 m)
   - Timer: 1,000 ft (300 m)
   - Timer: 1/4 Mile (400 m)
   - Timer: Brake Distance
   - Timer: Reaction Time

Historical Data

The Historical Data feature allows you to view information about your vehicle such as the VIN, miles on the odometer, longitude and latitude coordinates, and more.

To activate the Historical Data feature on your touchscreen, follow these steps:

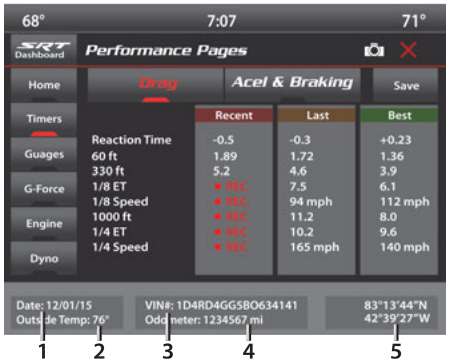
1. Select the Home page tab within Performance Pages. Then, press the settings icon (gear icon) in the upper right hand corner of the touchscreen.

Home Page Settings

2. Towards the bottom of the screen, a checkbox will appear next to “Include historical data in screenshot.” Click the box to signify that this feature will be on.

Historical Data

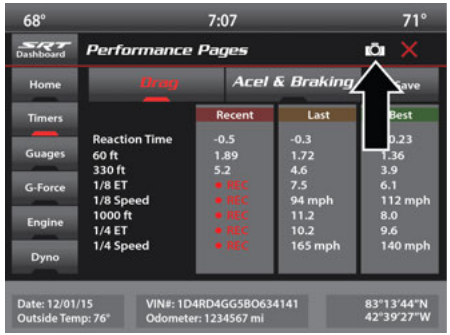
NOTE:
Once the checkbox is selected, the bottom bar of the screen will be replaced with the historical data from your vehicle present at the time the screenshot icon was pressed.



Historical Data

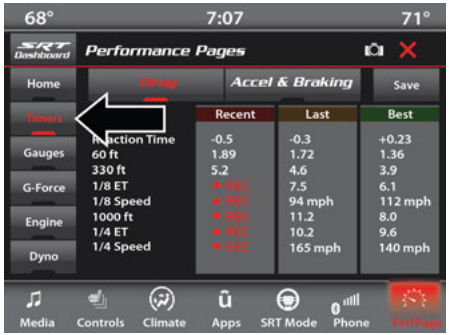
1 — Date
2 — Outside Temperature
3 — Vehicle Identification Number
4 — Odometer
5 — Latitude/Longitude

3. To take a screenshot of the historical data, make sure a USB device is plugged into the vehicle. Next, click the Camera icon located in the top right corner of the touchscreen. The historical data image file will be saved to the USB drive.



Historical Data Camera Icon

TIMERS



Performance Pages — Timers

When the Timers Page is selected, you will be able to select the Drag or Accel & Braking tabs. The following will be displayed:

- *Recent*

  The most recent successful run of performance timers. If a run does not complete within the timers limit, or is aborted, the values shown will revert to the most recent valid run.

- *Last*

  The last recorded successful run of performance timers.

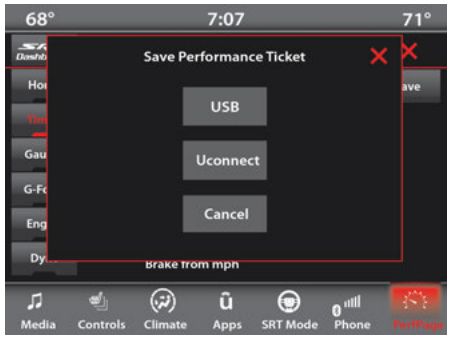
- *Best*

  The best recorded run of performance timers, except for braking data.

- *Save*

  Pressing the Save button will let you save the visible page, Recent/Last/Best. Any saved run over 10 will overwrite the last saved run for Uconnect System storage. The operation of the Save feature is listed below:

NOTE:
Pressing the Camera icon in the upper right corner of the screen at any time will save a screenshot of the screen currently being viewed to the connected USB device.



Performance Pages — Save

- With a USB jump drive installed, press the USB button to save to the jump drive.
- Press the Uconnect button to save the current timer data to the Owner's web page.

NOTE:
The Uconnect option will be grayed out or missing if the vehicle does not have a valid Uconnect account associated with it.

- Press the Cancel button to return to the Timers page.

The tabs on the Timers page contain the timers listed below:

- *Reaction Time*

  Measures the driver's reaction time for launching the vehicle against a simulated drag strip timing light (behavior modeled after 500 Sportsman Tree) displayed in the instrument cluster display.

NOTE:
Drag timers (RT, 60 ft [20 m], 330 ft [100 m], 1/8 mile [200 m], 1000 ft [300 m], and 1/4 mile [400 m]).

NOTE:
Accel & Braking timers (0-60 mph (0-100 km/h), 0-100 mph (0-160 km/h), Brake from mph (km/h), and Brake Distance ft (meters).

- *0-60 mph (0-100 km/h)*

  Displays the time it takes for the vehicle to go from 0 to 60 mph (0 to 100 km/h).

- *0-100 mph (0-160 km/h)*

  Displays the time it takes for the vehicle to go from 0 to 100 mph (0 to 160 km/h).

- *60 ft (20 m) ET*

  Displays the time it takes the vehicle to go 60 feet (20 m).

- *330 ft (100 m) ET*

  Displays the time it takes the vehicle to go 330 feet (100 m).

- *⅛ Mile (200 m) ET*

  Displays the time it takes for the vehicle to go ⅛ mile (200 m).

- *⅛ Mile (200 m) mph*

  Displays the vehicle speed at the time ⅛ mile (200 m) was reached.

- *1000 ft (300 m) ET*

  Displays the time it takes the vehicle to go 1000 ft (300 m).

- *¼ Mile (400 m) ET*

  Displays the time it takes for the vehicle to go ¼ mile (400 m).

- *¼ Mile (400 m) mph*

  Displays the speed the vehicle was at when ¼ mile (400 m) was reached.

- *Brake Distance ft (meters)*

  Displays the distance it takes the vehicle to make a complete stop.

NOTE:
The distance measurement will be aborted if the brake pedal is released or the parking brake is engaged, before the vehicle comes to a complete stop.

- *Brake from mph (km/h)*

  Displays the speed the vehicle is traveling when the brake pedal is pressed.

NOTE:
Brake Distance and Speed timers only displays "ready" when vehicle is traveling at greater than 30 mph (48 km/h).

GAUGES

Performance Pages — Gauges

When selected, this screen displays the following values:

- *Oil Temperature*

  Shows the actual oil temperature.

- *Oil Pressure*

  Shows the actual oil pressure.

- *Coolant Temperature*

  Shows the actual coolant temperature.

- *Battery Voltage*

  Shows actual battery voltage.

- *Trans Oil Temp — If Equipped with an Automatic Transmission*

  Shows actual transmission oil temperature.

- *Boost Pressure — If Equipped*

  Shows actual boost pressure.

- *Air Fuel Ratio — If Equipped*

  Shows current air fuel ratio.

- *I/C Coolant Temp — If Equipped*

  Shows actual I/C Coolant temperature.

- *Intake Air Temp*

  Shows actual air intake temperature.

If a gauge is selected, the Gauge Detail View page will appear on the screen. This page shows gauge values for the previous two minutes on the selected gauge.

Pressing the Left or Right arrows will cycle through the details for each of the gauges. Pressing the minimize button above the graph will return to the Gauge menu.

Gauge Detail View Page

5

G-Force

G-Force

When selected, this screen displays all four G-Force values as well as steering angle.

When G-Force is selected, the following features will be available:

- *Vehicle Speed:*

  Measures the current speed of the vehicle in either mph or km/h, starting at zero with no maximum value.

- *Front G-Force:*

  Measures the peak braking force on the front of the vehicle.

- *Right G-Force:*

  Measures the peak force on the right side of the vehicle.

- *Left G-Force:*

  Measures the peak force on the left side of the vehicle.

- *Rear G-Force:*

  Measures the peak acceleration force on the rear of the vehicle.

NOTE:
Front, Right, Left, and Rear G-Forces are all peak values. These readings can be reset by clearing peak G-Force on the instrument cluster.

- *Steering Wheel Angle*

  Steering Wheel Angle utilizes the steering angle sensor to measure the degree of the steering wheel relative to zero (straight ahead) reference angle. The zero degree reference angle measurement indicates a steering wheel straight ahead position.

The friction circle display shows instantaneous G-Force as a highlight and previous G-Force as dots within the circle. The system records previous G-Force for three minutes. If there are multiple samples at a given point, the color of the dot will darken from blue to red. Vectors more frequent will show in red; infrequent vectors will show in blue.

ENGINE

Engine

When selected, this screen displays the following values:

- *Vehicle Speed*

  Shows the actual vehicle speed.
- *Engine Power*

  Shows the instantaneous power.
- *Engine Torque*

  Shows the instantaneous torque.
- *Oil Pressure (6.4L Only) — If Equipped*

  Shows the actual engine oil pressure.
- *Boost Pressure (6.2L Only) — If Equipped*

  Shows the actual boost pressure.
- *Gear (Automatic Transmission Only)*

  Shows the current (or pending) operating gear of the vehicle.

DYNAMOMETER (DYNO)

Dyno Page

The system will start drawing graphs for Power and Torque (top chart) and Engine Speed (bottom chart). The graph will fill to the right side of the page (based on History time selected). Once the right side of the page is reached, the graph will scroll with the right side always being the most recent recorded sample.

The following options can be selected:

- Pressing the STOP button will freeze the graph. Selecting Play will clear the graph and restart the process over.
- Press the + or – buttons to change the history of the graph. The selectable options are “30”, “60”, “90”, or “120” seconds. The graph will expand or constrict depending on the setting selected.
- Select the “Gear” display setting to turn the graph gear markers on and off for automatic transmission vehicles only.

NOTE:
The Gear On/Off feature will only display if your vehicle is equipped with an Automatic Transmission.

DODGE DRIVE MODES — IF EQUIPPED

PERFORMANCE CONTROL — IF EQUIPPED

Your vehicle may be equipped with a Performance Control feature which allows for coordinating the operation of various vehicle systems depending upon the type of driving behavior desired.

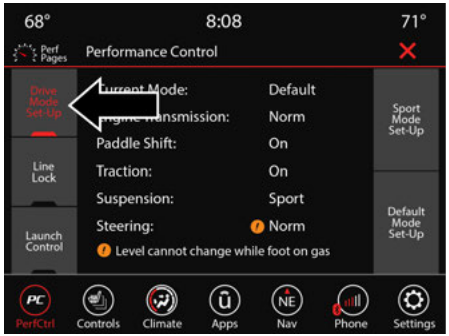
The Performance Control feature is controlled through the Uconnect system and may be accessed by performing any of the following:

- Selecting “Performance Control” from the “Apps” menu.
- Selecting “Performance Control” from within the Performance Pages menu.
- Pressing the STP (Super Track Pack) button.

You will be able to enable, disable, and customize the functionality of the Launch Control and Performance Control Set-Up features within Performance Control.

Descriptions of these features are provided below. To access information about the functionality of these features through the Uconnect system, press the Info button on the touchscreen.

Drive Mode Set-Up



Performance Control Set-Up

Pressing the Drive Mode Set-Up button on the touchscreen within the Performance Control screen indicates the real-time status of the various systems. Pressing the Sport Mode Set-Up or Default Mode Set-Up button on the touchscreen allows the driver to configure their individual performance control and to see how those configurations affect the performance of the vehicle.

NOTE:
Not all of the options listed in this manual are available on every vehicle. Below is a chart with all available Performance Control vehicle configurations.

5

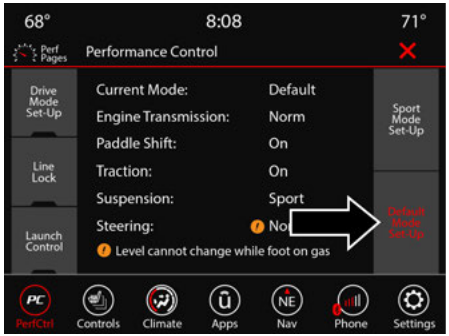
Available Mode Configurations

Engine	If Manual Transmission
Engine/Transmission	If Auto Transmission
Steering	X
Paddle Shifters	If Auto Transmission
Traction Control	X

Refer to the Sport and Default Modes for their detailed operation.

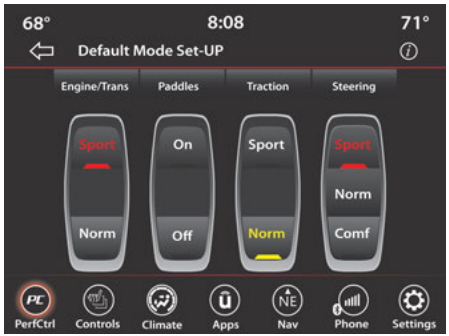
NOTE:
These settings will remain in effect when using the Launch Control feature.

Default Mode



Default Mode

The vehicle will always start in Default Mode. This mode is for typical driving conditions. While in Default Mode, the Engine/Transmission and Traction will operate in their Normal settings and cannot be changed. The Steering Assist may be configured to “Normal”, “Sport”, or “Comfort” by pressing the corresponding button on the touchscreen. The paddle shifters (if equipped) may be enabled or disabled while in this mode.

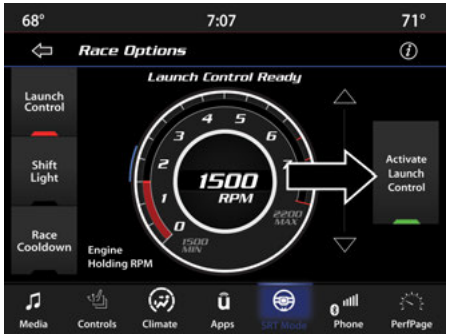


Default Mode Set-Up

Launch Control

WARNING!

Launch Control is intended for off-highway or off-road use only and should not be used on any public roadways. It is recommended that this feature be used in a controlled environment, and within the limits of the law. The capabilities of the vehicle as measured by the performance pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user’s safety or the safety of others. Only a safe, attentive, and skillful driver can prevent accidents.



Launch Control

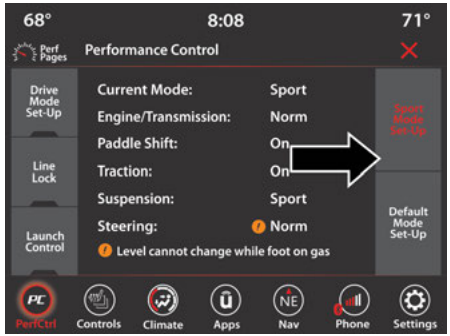
This vehicle is equipped with a Launch Control system that is designed to allow the driver to achieve quick, consistent vehicle acceleration in a straight line. Launch Control is a form of traction control that manages tire slip while launching the vehicle. This feature is intended for use during race events on a closed course where consistent quarter-mile and 0-to-60 times are desired.

The system is not intended to compensate for lack of driver experience or familiarity with the race track. Use of this feature in low traction (cold, wet, gravel, etc.) conditions may result in excess wheel slip outside this system's control resulting in an aborted launch.

NOTE:

- Launch Control should not be used on public roads. Always check track conditions and the surrounding area.
- Launch Control is not available for the first 500 miles (805 km) of the vehicle's life.
- Launch Control should only be used when the engine and transmission are at operating temperature.
- Launch Control is intended to be used on dry, paved road surfaces only. Use on slippery or loose surfaces may cause damage to vehicle components and is not recommended.
- Launch Control is not available in ESC Full Off mode.

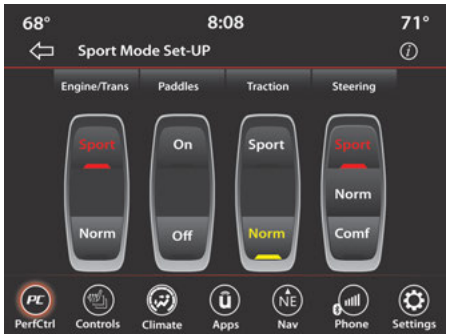
Sport Mode



Sport Mode

Sport Mode is a configuration set-up for typical enthusiast driving. The Transmission and Steering are both set to their Sport settings. The steering wheel Paddle shifters are enabled. Traction Control defaults to "Normal". Any of these four settings may be changed to the driver's preferences by pressing the buttons on the touchscreen. Push the Sport button on the instrument panel switch bank to put the vehicle in Sport Mode and to activate these settings.

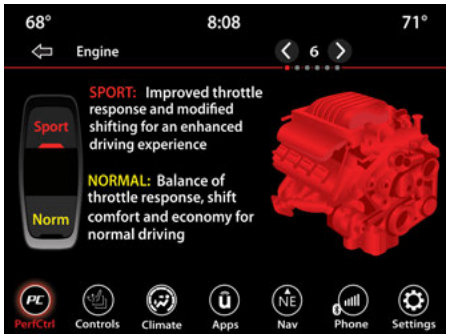
The customized settings will only be active when the Sport button is active.



Sport Mode Set-Up

Possible Performance Control configurations are listed below with accompanying descriptions. The information contained in the list below can also be accessed from within the mode Set-Up menus. To access the information, press the Info button on the touchscreen from the mode Set-Up menu, and use the Left/Right arrows to toggle through available descriptions. The title for each system in the Set-Up menu can be pressed, which provides the descriptions for each function of that system.

Engine/Trans (If Equipped With Automatic Transmission)



Engine/Trans

- **SPORT**

  Press the Sport button on the touchscreen for improved throttle response and modified shifting for an enhanced driving experience.

- **NORMAL**

  Press the Normal button on the touchscreen for a balance of throttle response, shift comfort and economy for normal driving.

Paddle Shifters — If Equipped With Automatic Transmission

Paddle – Automatic Transmission

- **ON**

  Press the On button on the touchscreen to enable steering wheel paddle shifters.

- **OFF**

  Press the Off button on the touchscreen to disable steering wheel paddle shifters.

Traction

Traction Control

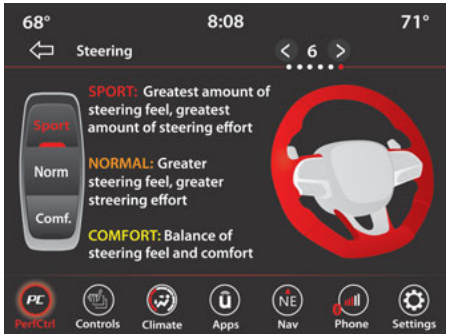
- **SPORT**

  Press the Sport button on the touchscreen to turn off traction control and reduce stability control.

- **NORMAL**

  Press the Normal button on the touchscreen to provide full traction control and full stability control.

Steering — If Equipped



Steering

- **SPORT**

  Press the Sport button on the touchscreen to provide an increased amount of steering feel, requiring a higher amount of steering effort.

- **NORMAL**

  Press the Normal button on the touchscreen to provide a balanced steering feel and steering effort. This is also your vehicle's preset steering setting.

- **COMFORT**

  Press the Comfort button on the touchscreen to provide a lower steering effort.

SRT DRIVE MODES

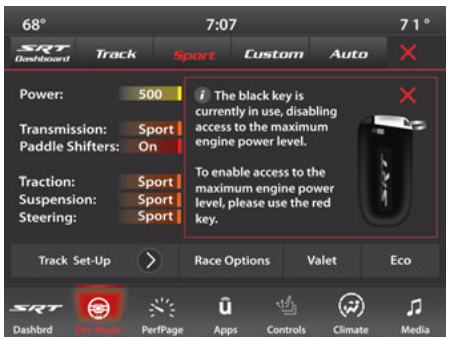
Key Fob 6.2L Supercharged Engine — If Equipped

Red Key Fob

NOTE:
Your vehicle's Horsepower may vary based upon trim levels and calibration, as indicated on the radio screen by "XXX." Refer to the chart below for your vehicle's specifications:

Vehicle	Horsepower
6.2L	717
6.2L High Output	797
6.2L Super Stock	807

If your vehicle is equipped with the 6.2L supercharged engine, it will support an additional engine power level configuration as part of SRT Drive Modes. Use of the red key fob unlocks the full potential of the engine's output, and allows the driver to select from two power levels within SRT Mode Set-Up.



Black Key Fob

Use of the black key fob limits the driver to a reduced engine output. This information is also available within the SRT Drive Modes interface, and can be accessed by pressing the key fob button on the touchscreen in the SRT Drive Modes menu.

Drive Modes

Drive Modes

Your vehicle may be equipped with the SRT Drive Modes feature which allows for coordinating the operation of various vehicle systems depending upon the type of driving behavior desired. The Drive Modes feature is controlled through the Uconnect system and may be accessed by performing any of the following:

- Pushing the SRT button on the instrument panel switch bank or the Drive Mode button on the Dodge Scat Pack or Widebody vehicles.
- Selecting “SRT Modes” from the Apps menu.
- Selecting “Dashboard” from within the Performance Pages menu.

NOTE:
Not all options listed in this manual are available on every vehicle. Refer to the chart below for all available Drive Mode vehicle configurations.

5

Engine/ Transmission	Red Key/700+ HP	Black Key/500 HP	Transmission	Paddle Shifters	Suspension	Steering	Traction
6.2L MTX	X	X	N/A	N/A	X	X	X
6.2L ATX	X	X	X	X	X	X	X

The SRT Drive Modes main screen displays the current drive mode and real-time status of the vehicle's performance configuration. The selectable Drive Modes buttons are Track, Sport, Custom, and Auto and will be highlighted when displaying the current configuration. Information shown below each drive mode button will indicate the actual status of each system, along with a graphic that displays the status of the vehicle's components. The color red indicates "Track", orange "Sport", and yellow "Street". If the system status shown does not match the current drive mode set-up, a message will be displayed indicating which values are not matching the current mode and why.

NOTE:
ESC Full-Off can be activated across all of the Drive Mode features by pushing and holding the ESC Off button on the instrument panel switch bank for five seconds while vehicle speed is less than 12 mph (20 km/h).

SRT DASHBOARD

Your SRT vehicle is equipped with a Dashboard feature which allows access to Performance Pages, Drive Modes, and Race Options.

SRT Dashboard

You can also change the settings on the following:

- Drive Mode
- Set launch RPM
- Activate Launch Control
- Enable/disable shift light
- Activate Race Cooldown (if equipped)
- View Performance Pages
- View Race Options
- Activate Line Lock
- Activate Chiller (if equipped)

Listed below are the available Drive Modes:

TRACK MODE

Drive Modes (Track)

Pressing the Track button on the touchscreen will activate the configuration for typical track driving. The Transmission, Traction, Steering, and Suspension systems are all set to their "Track" settings highlighted in red. The paddle shifters are enabled.

NOTE:
For Super Stock vehicles, Track Mode will be optimized for drag strip performance rather than a road or circuit course environment. All subsystems within Track Mode will be set to the Track setting, and paddle shifters will be enabled.

Sport Mode

Drive Modes (Sport)

Pressing the Sport button on the touchscreen will activate the configuration for typical enthusiast driving. The Traction, Transmission, Steering, and Suspension systems are all set to their “Sport” settings highlighted in orange. The paddle shifters are enabled.

Auto Mode

Auto Mode

This mode is for typical driving conditions where the Traction and Transmission will be operating in their Street settings, which cannot be changed while in this mode. The Steering and Suspension can be configured in “Street,” “Sport,” or “Track” mode and the paddle shifters may be enabled or disabled while in this mode.

NOTE:
If Valet Mode is active, the vehicle will start in Valet Mode, not Auto Mode.

Custom Mode

Custom Mode

The Custom Mode may be selected quickly by pushing the SRT or Drive Mode button on the instrument panel switch bank two times, or pressing the Custom button on the touchscreen. Custom Mode allows you to create a custom configuration that is saved for quick selection of your favorite settings. While in Custom Mode, the Power, Traction, Transmission, Steering, Suspension, and

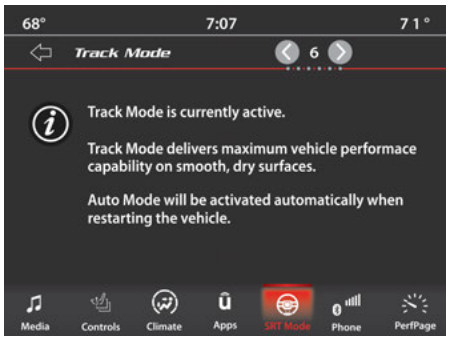
Paddle Shifter settings are shown in their current configuration.

Custom Mode Set-Up — 6.2L Example

While in the Custom Drive Mode screen, press the Custom Set-Up button on the touchscreen to access the selectable options. In the Custom Mode Set-Up screen, the individual current configuration will be displayed. Select which mode suits your driving needs for a custom driving experience.

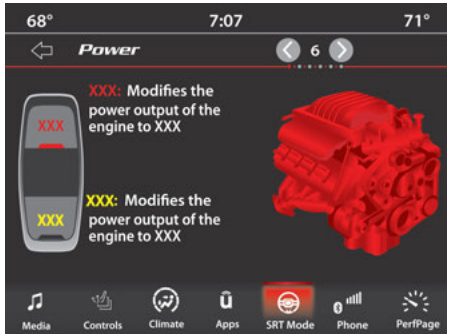
Drive Mode Set-Up Info

Within the Drive Modes Set-Up screen, press the left/right arrows to scroll through all the available Drive Modes systems giving you a description of their operation and current configuration. The last page is a description of the mode you are currently in.



Drive Mode Set-Up Info Screen

Power — If Equipped



Power — 6.2L Supercharged Engine Only

The screen above modifies the Horsepower between the two settings based on customer preference.

NOTE:

- The higher Horsepower rating is only available when using the Red Key.
- Refer to the Horsepower table earlier in this section to find your vehicle's appropriate Horsepower value.

Paddle Shifters

Paddle Shifters

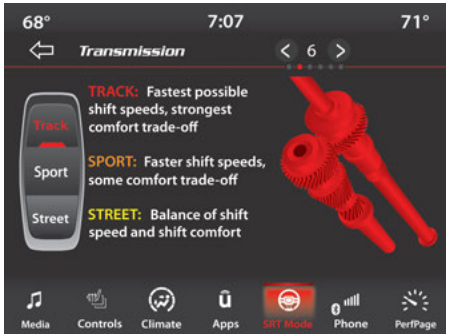
- **ON**

  Press the On button on the touchscreen to enable steering wheel paddle shifters.

- **OFF**

  Press the Off button on the touchscreen to disable steering wheel paddle shifters.

Transmission



Transmission

- **TRACK**

  Press the Track button on the touchscreen to provide the fastest shift speeds and will have the highest comfort trade-off.

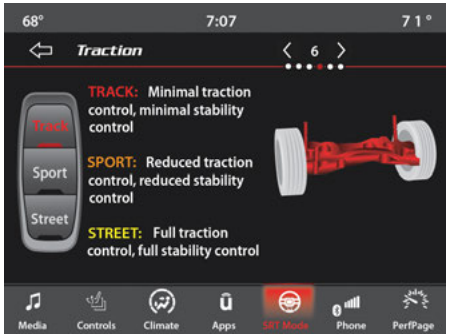
- **SPORT**

  Press the Sport button on the touchscreen to provide faster shift speeds and will have a moderate comfort trade-off.

- **STREET**

  Press the Street button on the touchscreen to provide a balance of shift speed and comfort for typical daily driving.

Traction



Traction

- **TRACK**

  Press the Track button on the touchscreen to modify traction control to optimize track performance with the least stability control.

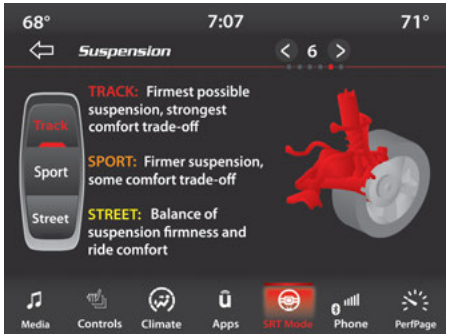
- **SPORT**

  Press the Sport button on the touchscreen to turn off traction control and reduce stability control.

- **STREET**

  Press the Street button on the touchscreen to provide full traction control and full stability control.

Suspension



Suspension

- **TRACK**

  Press the Track button on the touchscreen to provide the firmest possible suspension stiffness with the highest amount of comfort trade-off.

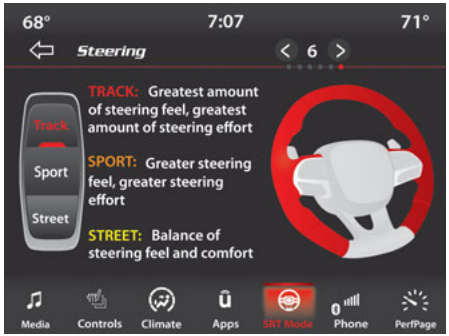
- **SPORT**

  Press the Sport button on the touchscreen to provide a firmer suspension stiffness with moderate comfort trade-off.

- **STREET**

  Press the Street button on the touchscreen to provide a balance of suspension stiffness and ride comfort for typical daily driving.

Steering — If Equipped



Steering

- **TRACK**

  Press the Track button on the touchscreen to adjust the steering effort to the highest level.

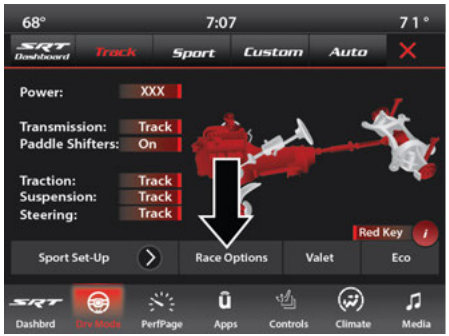
- **SPORT**

  Press the Sport button on the touchscreen to adjust the steering effort to the higher level.

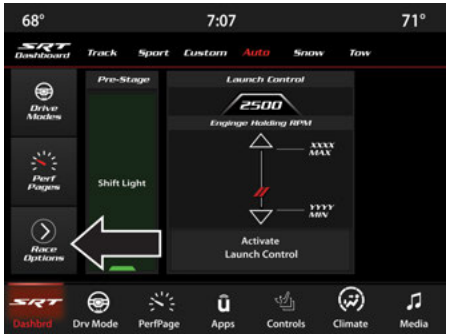
- **STREET**

  Press the Street button on the touchscreen to adjust the steering effort to the lowest level.

RACE OPTIONS



Race Options — Drive Mode Page



Race Options — Dashboard Page

Press the Race Options button on the touchscreen while in the Dashboard screen or Drive Mode screen to display the vehicle's Race Options. Within Race Options, you can activate, deactivate, and adjust the RPM values for the Launch Control, Shift Light, Line Lock, Race Cooldown, and Chiller (if equipped with a 6.2L High Output engine) features.

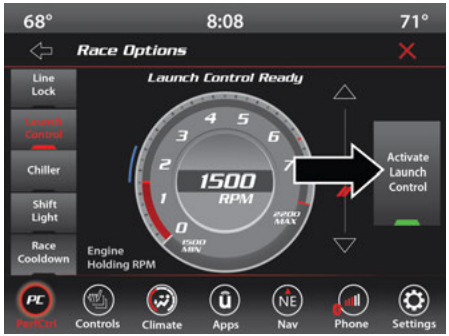
Launch Control

WARNING!

Launch Mode is intended for off-highway or off-road use only and should not be used on any public roadways. It is recommended that this feature be used in a controlled environment, and within the limits of the law. The capabilities of the vehicle as measured by the performance pages must never be exploited in a reckless or dangerous manner, which can jeopardize the user's safety or the safety of others. Only a safe, attentive, and skillful driver can prevent accidents.

WARNING!

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



Activate Launch Control

Launch Control can be accessed by pushing the Launch Control button on the instrument panel switch bank or pushing the SRT button on the instrument panel switch bank then selecting the Race Options button on the touchscreen. Press the Activate Launch Control button on the touchscreen to activate the feature. Use the "Launch RPM Set-Up" vertical bar to set the holding RPM. Launch Mode can be turned on or off by either pushing the Launch Control button on the instrument panel switch bank (if activated), or by pressing the Cancel Launch Mode button on the touchscreen.

Launch RPM Set-Up

To adjust the Launch RPM, drag the slider bar or press the arrows on the touchscreen to adjust the holding RPM. The launch RPM limit will display digitally on the gauge.

Chiller — If Equipped

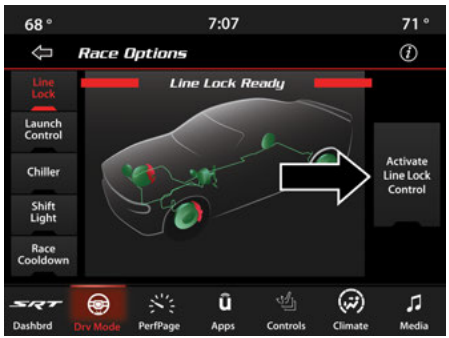
The Chiller feature will be enabled by pressing the Activate Chiller button on the Chiller page. This feature diverts A/C refrigerant to cool the supercharger charge air cooler to lower air intake temperatures and maximize power output.

NOTE:

- Chiller is only functional in ambient temperatures above 55°F (13°C).
- Cabin cooling is disabled when Chiller is active.

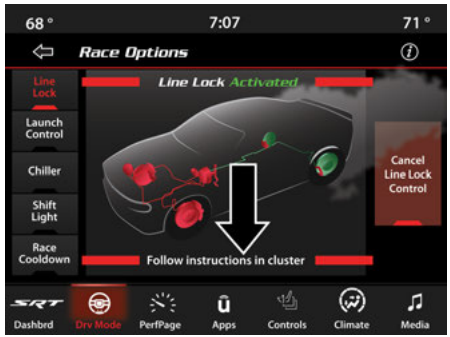
Line Lock — If Equipped

Line Lock has been developed as a burnout assist tool to warm up the rear tires by locking the front brakes independently from the rear brakes. This feature is activated by selecting the Line Lock button on the touchscreen and then pressing the Activate Line Lock Control button.



Activate Line Lock Control

Active instructions on how to use the Line Lock feature will be displayed in the instrument cluster.



Active Line Lock Instructions

Shift Light

Shift Light

To actuate the Shift Light feature, press the Shift Light button on the touchscreen, and then press the Shift Light On button on the touchscreen. Activation is shown on the instrument cluster display. Pressing the Shift Light RPM Set-Up button on the touchscreen will take you to the Shift Light RPM Set-Up screen.

NOTE:

- The Shift Light feature is not available on Scat Pack vehicles.
- The only time the Shift Light comes on is when the shifter is placed into the M (manual shifting) position. You may use the shifter +/-, or paddle shifters, to shift while in the M position.

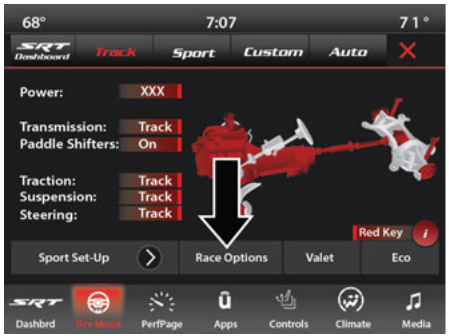
Shift Light RPM Set-Up

The Shift Light RPM Set-Up allows you to set the shift light to actuate for gears 1, 2, 3, 4, and 5-8. By pressing and releasing the Up/Down Arrow buttons on the touchscreen above and below each listed gear, the RPM values will change in increments of 250 RPM. Pressing and holding the arrows will change the RPM values in increments of 500 RPM, ranging from 2000–6000 RPM (6.2L) and 2000–6250 RPM (6.4L and 6.2L HO). The Shift Light Set-Up screen may only be accessed if the feature is enabled. Press the Reset to Factory Default button on the touchscreen to change back to factory settings, or press the Shift Light Off button on the touchscreen to turn the system off completely.

Race Cooldown — If Equipped

Race Cooldown is a selectable After-Run Cooling Feature.

Race Cooldown is a feature activated by selecting the Race Cooldown button under Race Options within the Drive Modes pages.



Race Options

To enable this feature, the vehicle will check to ensure the engine is off, the hood is closed, the status of the battery and system is good, and determine if cooling is required.

After making a pass down the drag strip, this feature helps cool the car after the engine has been shut down. The radiator fan and low temperature radiator coolant pump remain on after engine shutdown for a period up to 10 minutes or until target temperature is reached.

A graph on the touchscreen can show the resulting intercooler coolant temperature in real time while the vehicle ignition is in the ON/RUN position with the engine off.

NOTE:
Race Cooldown feature (After-Run) will only come on with the engine off. The temperature will display with engine running also, but After-Run Cooling will not be functioning.

Race Options

This feature will automatically deactivate after extended driving at road speeds, or when one or more of the following conditions apply:

- If coolant temperature reaches the target temperature and cooling is no longer required.
- If battery voltage or state of charge drops below a threshold.
- The hood is opened.

VALET MODE

Valet Mode Activation

To enter Valet Mode, press the Valet button on the touchscreen and a pop-up screen will ask you if you would like to enter Valet Mode. After selecting "Yes", you will be asked to enter a four-digit PIN code. The PIN code is not set, so you are free to select any four-digit numeric combination that will be easy to remember.

While in Valet Mode, the following vehicle configurations are set and locked to prevent unauthorized modification:

- Engine limited to the lowest power output state.
- On automatic transmissions, transmission up-shifts earlier than normal.
- Traction, Steering, and Suspension are set to their Street settings.
- Steering wheel paddle shifters are disabled.
- The Drive Modes interface is not available. Pressing the SRT button on the touchscreen will display the unlock keypad.
- The ESC Off button is disabled.
- The Launch Control button is disabled.

Valet Mode Deactivation PIN

The Valet Mode Deactivation key pad will then prompt you for your four-digit PIN code. Enter your PIN code, and press the GO button on the touchscreen. Your vehicle will return to the default state whenever exiting Valet Mode.

NOTE:
If your four-digit PIN is lost or forgotten, the vehicle will exit Valet Mode after a battery disconnect for approximately five minutes. Reconnect the battery and place the ignition in the ON/RUN position; the vehicle will be in Auto Mode.

Eco Mode

Eco Mode

Press the Eco button on the touchscreen on the SRT Drive Modes main menu. Eco mode modifies the vehicle's engine and transmission settings to provide improved fuel economy at a trade-off with acceleration performance. Increased engine exhaust noise and/or vibration may be noticed while Eco is active. This is normal and a result of the increased amount of operating conditions where the vehicle is allowed to operate in four cylinder shutoff mode (6.4L Only).

Eco Mode can only be turned on while in the Auto Drive Mode.

The paddle shifters will be disabled while in Eco mode.

- Changing the Drive Mode will deactivate Eco.
- Eco will be disabled when another Drive Mode is selected or Eco button is pressed.

Guidelines For Track Use

Overview

NOTE:
Because of the extreme conditions encountered during track use, any damage or wear associated with track use may not be covered by your warranty.

- If your SRT vehicle is equipped with Drive Modes, they will alter the vehicle's performance in various driving situations. It is recommended that your vehicle operates in Sport or Track mode during the track event.
- Prior to each track event/day, verify all fluids are at the correct levels.
- Prior to each track event/day, verify the front and rear brake pads have more than half pad thickness remaining. If the brake pads require changing, please burnish prior to track outing at full pace.

NOTE:
Use of DOT 4 brake fluid is suggested for extended track usage due to increased thermal capacity. DOT 4 brake fluid must be changed every 24 months. This interval is time based only, mileage intervals do not apply.

- At the conclusion of each track event, it is recommended that a brake bleed procedure is performed to maintain the pedal feel and stopping capability of your Brembo High Performance brake system.
- It is recommended that each track outing should end with a minimum of one cool-down lap using minimal braking.

- If equipped with a removable lower front fascia/bumper grille, it is recommended to remove it for track use during warm/hot weather to improve cooling airflow to critical powertrain and cooling system components.
- All SRT vehicles are track tested for 24 hours of endurance. However, it is recommended that suspension system, brake system, prop shaft, and half shaft boots should be checked for wear or damage after every track event.
- Track usage results in increased operating temperatures of the engine, transmission, clutch (if equipped), driveline and brake system. This may affect noise (NVH) countermeasures designed into your vehicle. New components may need to be installed to return the system to the original NVH performance.
- Tire pressure:
  - 40 psi (276 kpa) Hot, recommend 32 psi (221 kpa) Front, 30 psi (207 kpa) Rear Cold

NOTE:
It is recommended that you target 40 psi (276 kpa) Hot Tire Pressure at the conclusion of each track session. Starting at 32 psi (221 kpa) Front and 30 psi (207 kpa) Rear Cold, and adjusting based on ambient and track conditions, is recommended. Tire pressure can be monitored via the instrument cluster display and can assist with adjustments.

Track Burnishing Your Brakes

To avoid “green lining fade” during track use, the brake pads and rotors must have a thermal burnish for factory installed components or when new brake friction components are installed:

1. Use one track session to burnish brakes by driving at 75% speed. Brake at approximately 0.60-0.80 g max without Anti-lock Brake System (ABS) intervention.
2. Lap the track in this manner until you start smelling the brakes. Continue for another half lap at speed, then do a two-lap cooldown with minimal brake application. Make sure the brakes are not smoking. If they are, do another cooldown lap.
3. Do not continue for more than one full burnishing lap after you start smelling the brakes. Do not get them smoking heavily. This will get them too hot and affect their life negatively in future track use.
4. Allow vehicle to sit and cool in the paddock for at least 30 minutes. If an infrared thermal gun is available, allow rotors to cool to 200°F (93.3°C) before going back out.
5. There should be a thin ash layer when inspecting the pads installed in the caliper. Having the ash layer go more than half the thickness of the pad material indicates too aggressive of a burnish.

6. Sometimes, a second burnish session is required. If the pads start smelling in the next track session, reduce speed and braking deceleration to burnish targets and follow steps 2-4.
7. New pads installed on old rotors still need to be burnished. New rotors installed with old pads should be burnished at the track or street driven for 300 city miles to develop an adequate lining transfer layer on the rotor surface prior to track use.
8. Rotors that pulsate during track use should be replaced. Resurfacing of the rotors is not recommended, as it removes mass from the rotor, reducing its thermal capacity. Resurfacing also thins the rotor cheek, making it less robust and increasing the likelihood of pulsation in further track use.

1320 — IF EQUIPPED

PERFORMANCE CONTROL — IF EQUIPPED

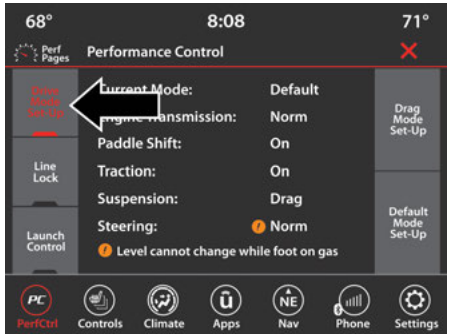
Your vehicle may be equipped with a Performance Control feature which allows for coordinating the operation of various vehicle systems depending upon the type of driving behavior desired. The Performance Control feature is controlled through the Uconnect system and may be accessed by pushing the DRAG button on the instrument panel switch bank

You will be able to enable, disable, and customize the functionality of the Launch Control and Performance Control Set-Up features within Performance Control.

Descriptions of these features are provided below. To access information about the functionality of these features through the Uconnect system, press the “Info” button on the touchscreen.

NOTE:
Dodge vehicles equipped with a 6.4L engine, except for R/T Scat Pack 1320 vehicles, will use SRT Drive Modes rather than the Dodge Performance Control Pages. Please refer to the following sections for further information on the SRT Drive Modes.

Drive Mode Set-Up



Performance Control Set-Up

Pressing the Drive Mode Set-Up button on the touchscreen within the Performance Control screen indicates the real-time status of the various systems. Pressing the Drag Mode Set-Up button on the touchscreen allows the driver to configure their individual performance control and see how those configurations affect the performance of the vehicle.

NOTE:
Below is a chart with all available Performance Control vehicle configurations for Drag mode.

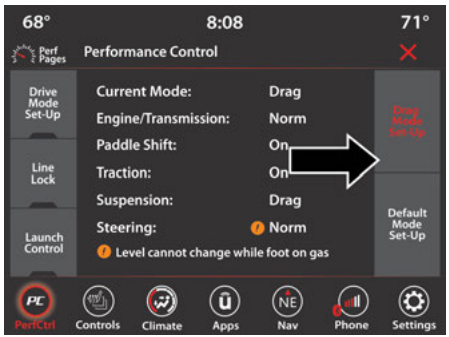
Available Mode Configurations

Suspension	If Adaptive Suspension

Refer to the Sport and Default Modes for their detailed operation.

NOTE:
This setting will remain in effect when using the Launch Control feature.

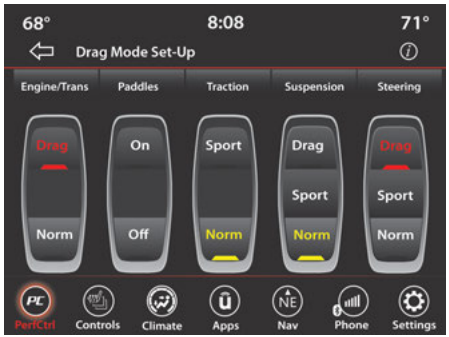
Drag Mode



Drag Mode

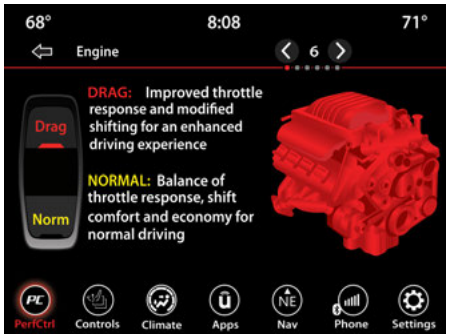
While in Drag Mode, the Engine, Transmission and Traction will default to their Drag settings. The Steering Assist may be configured to "Normal", "Sport", or "Drag" by pressing the corresponding buttons on the touchscreen. The paddle shifters may be enabled or disabled while in this mode.

NOTE:
Suspension setup is only available if your vehicle is equipped with Drag Mode.



Drag Mode Set-Up

Engine/Trans (If Equipped With Automatic Transmission)



Engine/Trans

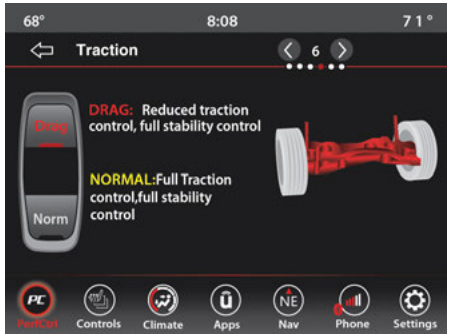
- **DRAG**

  Press the Drag button on the touchscreen to optimize the fastest throttle response and shifting for an enhanced driving experience.

- **NORMAL**

  Press the Normal button on the touchscreen for a balance of throttle response, shift comfort and economy for normal driving.

Traction



Traction

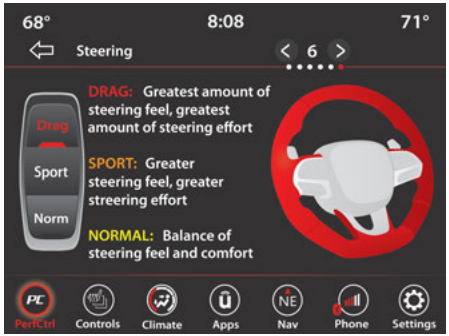
- **DRAG**

  Press the Drag button on the touchscreen to turn off traction control and reduce stability control.

- **NORMAL**

  Press the Normal button on the touchscreen to provide full traction control and full stability control.

Steering — If Equipped



Steering

- **DRAG**

  Press the Drag button on the touchscreen to provide an increased amount of steering feel, requiring a higher amount of steering effort.

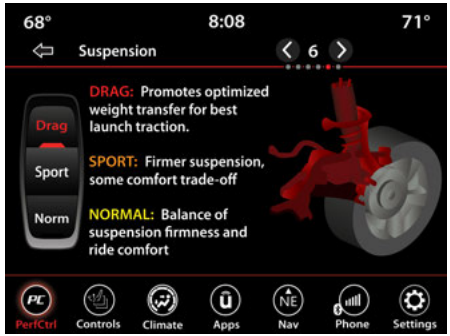
- **SPORT**

  Press the Sport button on the touchscreen to provide a balanced steering feel and steering effort. This is also your vehicle's preset steering setting.

- **NORMAL**

  Press the Normal button on the touchscreen to provide a lower steering effort.

Suspension — If Equipped



Suspension

- **DRAG**

  Press the Drag button on the touchscreen for the best weight transfer and launch traction.

- **SPORT**

  Press the Sport button on the touchscreen to provide some comfort trade-off.

- **NORMAL**

  Press the Normal button on the touchscreen to provide a balance of suspension firmness and ride comfort.

LAUNCH CONTROL— IF EQUIPPED

AUTOMATIC TRANSMISSION — IF EQUIPPED

Launch Control is only available when the following procedure is followed:

1. Press the Drive Modes button, then press the Race Options button, then press the Launch Control button to begin the process.

NOTE:
Pushing the SRT button on the center stack or pressing the Apps button on the touchscreen are two other options to access Launch Control features ➪ page 53.

2. Slide the RPM slider bar on the touchscreen. This screen will allow you to adjust your launch RPM's for optimum launch/traction. If Launch Control is already activated, you will need to deactivate it to adjust the slider.

RPM Slider Bar

3. Press "Activate Launch Control".
4. Make sure the vehicle is not moving.
5. Make sure the steering wheel is pointing straight.
6. Hold the brake firmly and make sure the vehicle is in DRIVE.
7. While holding the brake, rapidly (within 0.25 seconds) apply and hold the accelerator pedal to wide open throttle. The engine speed will hold at the RPM that was set in the "Launch RPM Set-Up" screen.

NOTE:
Messages will appear in the instrument cluster to inform the driver if one or more of the above conditions have not been met.

8. When conditions 4 through 7 have been met, the instrument cluster display will read "Launch Ready Release Brake".
9. Keep the vehicle pointed straight.

Launch Control will be active until the vehicle reaches 62 mph (100 km/h), at which point the Electronic Stability Control (ESC) system returns to its current ESC mode.

Launch Control will abort before launch completion, and will display “Launch Aborted” in the cluster under any the following conditions:

- The accelerator pedal is released during launch.
- The ESC system detects that the vehicle is no longer moving in a straight line.
- The ESC OFF button is pushed to change the system to another mode.

NOTE:

- After Launch Control has been aborted, ESC will return to its current ESC mode.
- Pushing the LAUNCH button, or pressing the Activate Launch Control button on the touch-screen, will immediately activate Launch Control and will not allow you to adjust the RPM.

MANUAL TRANSMISSION — IF EQUIPPED

Vehicles with a manual transmission have an adjustable launch RPM controlled through the Uconnect system.

Launch Control is only available when the following procedure is followed:

1. Push the Drive Modes button, then push the Race Options button, then press the Launch Control button on the left side of the touchscreen to begin the process

NOTE:
Pushing the SRT button on the center stack or pressing the Apps button on the touchscreen are two other options to access Launch Mode features.

2. Slide the RPM slider bar on the touchscreen. This screen will allow you to adjust your launch RPM’s for optimum launch/traction. If Launch Control is already activated, you will need to deactivate it to adjust the slider.
3. Press “Activate Launch Control”.
4. Make sure the vehicle is not moving.
5. Make sure the steering wheel is pointing straight.
6. Fully press the clutch pedal and make sure the vehicle is in FIRST gear.
7. While holding the clutch pressed, rapidly apply and hold the accelerator pedal to wide open throttle. The engine speed will hold at the pre-selected launch RPM. The engine speed will hold at the RPM that was set in the “Launch RPM Set-Up” screen.

NOTE:
Messages will appear in the instrument cluster to inform the driver if one or more of the above conditions have not been met.

8. When conditions 4 through 7 have been met, the instrument cluster display will read “Launch Ready Release Clutch”. Release the clutch quickly and continue to hold the throttle to execute launch. Refer to “Manual Transmission – If Equipped” in “Starting And Operating” in the Owner’s Manual for further information.

   Release the clutch and continue to hold wide open throttle to launch.

9. Keep the vehicle pointed straight.

Launch Control will be active until the vehicle reaches 62 mph (100 km/h), at which point the ESC system returns to its current ESC mode.

Launch Control will abort before launch completion, display “Launch Aborted” in the cluster and return to ESC Full On under any the following conditions:

- The brake is applied during launch.
- The ESC system detects that the vehicle is no longer moving in a straight line.
- The ESC OFF button is pushed to change the ESC system to another mode.

NOTE:

- After Control Mode has been aborted, ESC will return to its current ESC mode.
- Pushing the LAUNCH button, or pressing the Activate Launch Control button on the touch-screen, will immediately activate Launch Control and will not allow you to adjust the RPM.

CAUTION!
Do not attempt to shift when the drive wheels are spinning and do not have traction. Damage to the transmission may occur.

SEATS

Seats are a part of the Occupant Restraint system of the vehicle.

WARNING!

- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

VEHICLES WITHOUT REAR SEATING INSTALLED — IF EQUIPPED

All passenger occupants within the vehicle must be in a seat equipped with a seat belt and a head restraint for the safety of the passenger. If the rear seat has been removed, do not ride in that area.

This vehicle has been designed for optimal performance. In doing so, the deletion of the rear seat may affect the Noise, Vibration, and Harshness (NVH) characteristics. As a result, the interior (driver cockpit) NVH will be louder overall.

WARNING!

- If the rear seat has been removed, do not ride in that area. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in this area are more likely to be seriously injured or killed.
- Only ride in available seating positions equipped with a seat belt and a head restraint. Always properly wear your seat belt. Failure to do so could result in an increased risk of serious injury or death in the event of an accident.

(Continued)

WARNING! *(Continued)*

- Be sure everyone in your vehicle is in a seat and using a seat belt properly. Occupants, including the driver, should always wear their seat belts, whether or not their seating position is equipped with an air bag, to minimize the risk of severe injury or death in the event of a crash.
- All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat if the head restraints are not in place and in their proper position, in order to minimize the risk of neck injury in the event of a crash.
- Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted or removed could cause serious injury or death in the event of a collision.

SAFETY FEATURES

ELECTRONIC STABILITY CONTROL (ESC) OPERATING MODES

The following ESC operating modes are available; see ⇨ page 60 for additional information.

- **TRACK:** Provides optimized performance with the least amount of stability control.
- **SPORT:** Provides balanced traction and stability control.
- **STREET:** Provides full traction control and full stability control.

WARNING!

- In the ESC "Drag" mode, the engine torque reduction and stability features are disabled. Therefore, enhanced vehicle stability offered by the ESC system is unavailable. In an emergency evasive maneuver, the ESC system will not engage to assist in maintaining stability. ESC "Full Off" mode is intended for off-highway or off-road use only.
- The Electronic Stability Control (ESC) cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded by prevailing road conditions. ESC cannot prevent all accidents, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. ESC also cannot prevent collisions.

SAFETY TIPS

PERIODIC SAFETY CHECKS YOU SHOULD MAKE OUTSIDE THE VEHICLE

Fluid Leaks

Check area under the vehicle after overnight parking for fuel, coolant, oil, or other fluid leaks. Also, if gasoline fumes are detected or if fuel or brake fluid leaks are suspected, the cause should be located and corrected immediately.

WARNING!

To prevent SERIOUS INJURY or DEATH when using "Track-Use" parts and equipment:

- NEVER use any "Track-Use" equipment on public roads. FCA US LLC does not authorize the use of "Track-Use" equipment on public roads.
- The intended use of "Track-Use" parts is for race vehicles on race tracks. To help ensure the safety of the race driver, engineers should supervise the installation of "Track-Use" parts.
- FCA US LLC does not authorize the installation or use of any part noted as "Track-Use" on any new vehicle prior to its first retail sale.

WARNING!

To prevent SERIOUS INJURY or DEATH:

- ALWAYS remove any "Track-Use" equipment before driving on public roads.
- ALWAYS properly use your three-point seat belts when driving on public roads.
- In a collision, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle.

IN CASE OF EMERGENCY

TIRE SERVICE KIT LOCATION

The Tire Service Kit is located in the trunk.

Tire Service Kit

NOTE:
For complete usage information, refer to “Tire Service Kit” in the “In Case Of Emergency” section of the Owner’s Manual.

TOWING A DISABLED VEHICLE

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

Towing Condition	Wheels OFF The Ground	Automatic Transmission
Flat Tow	NONE	**If transmission is operable:** • Transmission in **NEUTRAL** • 30 mph (48 km/h) **max** speed • 30 miles (48 km) **max** distance
Wheel Lift Or Dolly Tow	Front	**NOT ALLOWED**
	Rear	NOT RECOMMENDED
Flatbed	**ALL**	**BEST METHOD**

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.
- FCA US LLC does not recommend towing this vehicle using a tow dolly. Vehicle damage may occur.

FCA US LLC recommends towing your vehicle with all four wheels OFF the ground using a flatbed. If flatbed equipment is not available, and the transmission is operable, the vehicle may be flat towed (with all four wheels ON the ground) under the following conditions:

- The transmission must be in NEUTRAL. Refer to “Manual Park Release” in the “In Case Of Emergency” section of the Owner’s Manual for instructions on shifting the transmission to NEUTRAL when the engine is off.
- The towing distance must not exceed 30 miles (48 km).
- The towing speed must not exceed 30 mph (48 km/h).

If the transmission is not operable, or the vehicle must be towed faster than 30 mph (48 km/h) or farther than 30 miles (48 km), then the only acceptable method of towing is with a flatbed truck.

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.

SCHEDULED SERVICING

6.2L And 6.4L Engines

The scheduled maintenance services listed in this manual must be done at the times or mileages specified to protect your vehicle warranty and ensure the best vehicle performance and reliability. More frequent maintenance may be needed for vehicles in severe operating conditions, such as dusty areas and very short trip driving. Inspection and service should also be done anytime a malfunction is suspected.

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

An “Oil Change Required” message will be displayed in the instrument cluster and a single chime will sound, indicating that an oil change is necessary.

Based on engine operation conditions, the oil change indicator message will illuminate. This means that service is required for your vehicle. Have your vehicle serviced as soon as possible, within the next 500 miles (805 km).

NOTE:

- The oil change indicator message will not monitor the time since the last oil change. Change your vehicle's oil if it has been six months since your last oil change, even if the oil change indicator message is NOT illuminated.
- Change your engine oil more often if you drive your vehicle off-road/track usage for an extended period of time.
- Under no circumstances should oil change intervals exceed 6,000 miles (10,000 km) or six months, whichever comes first.

An authorized dealer will reset the oil change indicator message after completing the scheduled oil change.

At Each Stop For Fuel

- Check the engine oil level ➪ page 79.
- Check the windshield washer solvent and add if required.

Once A Month

- Check tire pressure and look for unusual wear or damage.
- Inspect the battery, and clean and tighten the terminals as required.
- Check the fluid levels of the coolant reservoir and brake master cylinder, add as needed.
- Check all lights and other electrical items for correct operation.

At Each Oil Change

- Change the engine oil filter.
- Inspect the brake hoses and lines.
- Inspect the CV/Universal joints.

CAUTION!
Failure to perform the required maintenance items may result in damage to the vehicle.

Maintenance Plan — 6.2L And 6.4L

Miles:	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000	102,000	108,000	114,000	120,000	126,000	132,000	138,000	144,000	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
Or Kilometers:	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000	160,000	170,000	180,000	190,000	200,000	210,000	220,000	230,000	240,000	250,000
Change the engine oil and engine oil filter.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before scheduled maintenance.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inspect front suspension, tie rod ends, and boot seals, for cracks or leaks and all parts for damage, wear, improper looseness or end play; replace if necessary.		X		X		X		X		X		X		X		X		X		X		X		X		X	

Miles:	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000	102,000	108,000	114,000	120,000	126,000	132,000	138,000	144,000	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
Or Kilometers:	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000	160,000	170,000	180,000	190,000	200,000	210,000	220,000	230,000	240,000	250,000
If using your vehicle for any of the following: dusty or off-road conditions. Inspect the engine air cleaner filter; replace if necessary.		X		X		X		X		X		X		X		X		X		X		X		X	
Inspect the brake linings; replace if necessary.		X		X		X		X		X		X		X		X		X		X		X		X	
Inspect the CV/Universal joints.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inspect the exhaust system.		X		X		X		X		X		X		X		X				X		X		X	
Adjust the parking brake on vehicles equipped with four wheel disc brakes.					X					X					X					X					X

8

Miles:	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000	102,000	108,000	114,000	120,000	126,000	132,000	138,000	144,000	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
Or Kilometers:	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000	160,000	170,000	180,000	190,000	200,000	210,000	220,000	230,000	240,000	250,000
Inspect the manual transmission fluid – if equipped.			X			X			X			X			X			X			X			X	
Inspect the rear axle fluid.			X			X			X			X			X			X			X			X	
Change the manual transmission fluid – if equipped.								X								X								X	
Change the rear axle fluid if using your vehicle for any of the following: police, taxi, fleet or frequent trailer towing. [1]								X								X								X	

Miles:	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000	102,000	108,000	114,000	120,000	126,000	132,000	138,000	144,000	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
Or Kilometers:	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000	160,000	170,000	180,000	190,000	200,000	210,000	220,000	230,000	240,000	250,000
Replace the engine air cleaner filter.					X					X					X					X					X
Replace the cabin air filter.		X		X		X		X		X		X		X		X		X		X		X		X	
Inspect and replace the PCV Valve if necessary.															X										
Replace the spark plugs — 6.2L Engine. [2]										X										X					

8

Miles:	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000	102,000	108,000	114,000	120,000	126,000	132,000	138,000	144,000	150,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
Or Kilometers:	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000	130,000	140,000	150,000	160,000	170,000	180,000	190,000	200,000	210,000	220,000	230,000	240,000	250,000
Replace the spark plugs — 6.4L Engine.[2]																X									
Flush and replace the engine coolant/ intercooler at 120 months if not done at 150,000 miles (240,000 km).																				X					X

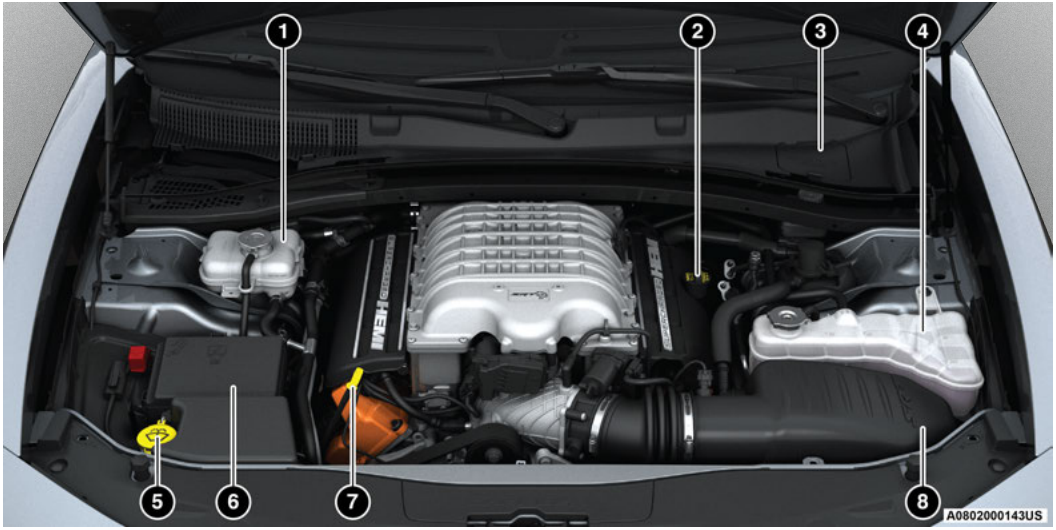
1. For race track usage it is recommended that the axle fluid be changed every 4 hours of on track time.
2. The spark plug change interval is mileage based only, yearly intervals do not apply.

WARNING!

- You can be badly injured working on or around a motor vehicle. Do only service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.
- Failure to properly inspect and maintain your vehicle could result in a component malfunction and effect vehicle handling and performance. This could cause an accident.

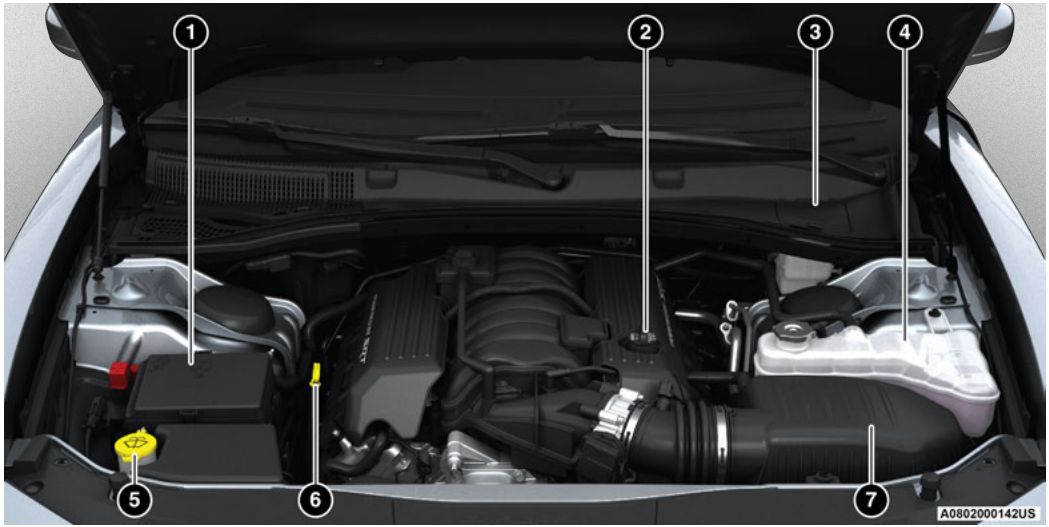
ENGINE COMPARTMENT

6.2L SUPERCHARGED ENGINE



1 — Intercooler Coolant Pressure Reservoir
2 — Engine Oil Fill
3 — Brake Fluid Reservoir Access Cover
4 — Engine Coolant Pressure Reservoir
5 — Washer Fluid Reservoir Cap
6 — Power Distribution Center (Fuses)
7 — Engine Oil Dipstick
8 — Engine Air Cleaner Filter

6.4L ENGINE



1 — Power Distribution Center (Fuses)
2 — Engine Oil Fill
3 — Brake Fluid Reservoir Access Cover
4 — Engine Coolant Pressure Reservoir
5 — Washer Fluid Reservoir Cap
6 — Engine Oil Dipstick
7 — Engine Air Cleaner Filter

VEHICLE MAINTENANCE

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

Engine Oil Selection — 6.2L And 6.4L Engine

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-12633.

NOTE:
Hemi engines at times can tick right after startup and then quiet down after approximately 30 seconds. This is normal and will not harm the engine. This characteristic can be caused by short drive cycles. For example, if the vehicle is started then shut off after driving a short distance. Upon restarting, you may experience a ticking sound. Other causes could be if the vehicle is unused for an extended period of time, incorrect oil, extended oil changes or extended idling. If the engine continues to tick or if the Malfunction Indicator Light (MIL) comes on, see the nearest authorized dealer.

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.

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.

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.

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.
- 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.

Coolant Checks

Check engine coolant (antifreeze) protection every 12 months (before the onset of freezing weather, where applicable). If coolant is dirty or rusty in appearance, the system should be drained, flushed, and refilled with fresh coolant. Check the front of the radiator 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 coolant recovery bottle tubing for brittle rubber, cracking, tears, cuts, and tightness of the connection at the 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 Organic Additive Technology (OAT) coolant (conforming to MS.90032).

NOTE:
If equipped with the 6.2L Supercharged engine the intercooler must be vacuum flushed and filled. If any coolant is needed to be added to the system please contact an local authorized dealer.

For the proper maintenance intervals ⇨ page 74.

Selection Of Coolant

For further information ⇨ page 93.

NOTE:

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology (OAT) engine coolant, may result in engine damage and may decrease corrosion protection. OAT engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant or any “globally compatible” coolant. If a non-OAT engine coolant 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 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. Use of propylene glycol-based engine coolant 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 10 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 that meets the requirements of FCA Material Standard MS.90032. When adding engine coolant:

- We recommend using Mopar Antifreeze/ Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT 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 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 an authorized dealer.
- Mixing engine coolant types is not recommended and can result in cooling system damage. If HOAT and OAT coolant are mixed in an emergency, have an 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 will return to the radiator from the coolant expansion bottle/recovery tank if equipped.

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

NOTE:
Be sure you do not mix the engine coolant system pressure cap with the intercooler system pressure cap. These caps are not interchangeable.

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, clean up any ground spills immediately. If ingested, seek emergency assistance immediately.

Coolant Level

The coolant bottle provides a quick visual method for determining that the engine coolant (antifreeze) level is adequate. With the engine off and cold, the level of the engine coolant in the bottle should be between the ranges indicated on the bottle.

The radiator normally remains completely full, so there is no need to remove the radiator cap unless checking for engine coolant freeze point or replacing engine coolant. Advise your service attendant of this. As long as the engine operating temperature is satisfactory, the coolant bottle need only be checked once a month.

When additional engine coolant is needed to maintain the proper level, it should be added to the coolant bottle. Do not overfill.

Cooling System Notes

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 needs to be added, the contents of the coolant expansion bottle must also be protected against freezing.
- If frequent engine coolant additions are required, the cooling system should be pressure tested for leaks.
- Maintain engine coolant 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 cooling performance, poor gas mileage, and increased emissions.

FUSES

Underhood Fuses

Complete fuse information can be found in the Owner's Manual.

Cavity	Cartridge Fuse	Mini-Fuse	Description
F2	50 Amp Red	–	Rad Fan (6.2L eng)
F22	40 Amp Green	–	LTR Cooling Pump (6.2L eng)

Rear Interior Fuses

Complete fuse information can be found in the Owner's Manual.

Cavity	Cartridge Fuse	Mini-Fuse	Description
F40	30 Amp Pink	–	Fuel Pump #1 (6.2L ADR)
F41	30 Amp Pink	–	Fuel Pump #2 (6.2L ADR)
F48	–	20 Amp Yellow	Active Suspension – (6.4L / 6.2L)

TIRE ROTATION RECOMMENDATIONS

Tires on the front and rear axles of vehicles 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.

For the proper maintenance intervals ⇨ page 72. The reasons for any rapid or unusual wear should be corrected prior to rotation being performed.

DRAG RADIALS

Certain Challenger models feature drag radial tires as a standard option, the SRT Super Stock and Challenger R/T Scat Pack 1320. These tires are designed for maximum dry-weather performance, with extra precautions necessary in wet or cooler weather.

Recommended Tire Pressure:

Street: 32 psi cold for all tires

Drag Strip:

- Rear Tires — depending on the outside temperature and track conditions, the operating pressure recommendation is 18-24 psi hot
- Front Tires — do not exceed maximum tire inflation rating

NOTE:

- Always return the tire pressure to street recommended pressure levels before driving vehicle on public roads.
- The top speed for drag radials on the SRT Super Stock and Challenger R/T Scat Pack 1320, is limited to 168 mph (270 km/h).

WARNING!

Serious injury or death may result from tire failure due to underinflation and/or overloading. Always adjust your tires to the proper inflation pressure (See tire information placard). Always inspect your tires for any signs of damage before proceeding onto public roads.

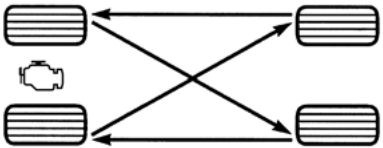
CAUTION!

The Nitto and Nexen drag radial tires meet US D.O.T. requirements, but they are not intended for extended highway use as the expected miles of wear from the racing compound is greatly reduced compared to a conventional road tire. These tires are not recommended for driving in wet weather conditions where there is a risk of hydroplaning. Drivers should drive cautiously at reduced speeds in these conditions.

CAUTION!
Do not move the vehicle in temperatures below 15°F with the drag radials installed. In temperatures below 15°F, tires can lose flexibility and that can lead to cracking and other tire damage. Always inspect for signs of cracking and damage before use.

Same Tire Size On Front And Rear Axle — If Equipped

The suggested rotation method for vehicles equipped with non-directional three season and all season tires is the “rearward cross” as shown in the following diagram.



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Tire Rotation (Rearward Cross)

Different Tire Size On Front And Rear Axle — If Equipped

The suggested rotation method is the “side-to-side” as shown in the following diagram. This method is required due to different size tires on the front and rear of the vehicle.

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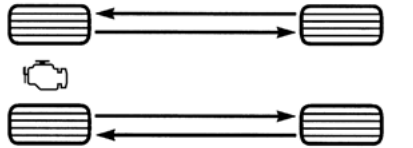
Tire Rotation (Side-to-Side)

Directional Tires — If Equipped

The suggested rotation method for directional tires must be taken into consideration when rotating the tires. The recommended rotation pattern for directional tires is shown below.



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Tire Rotation (Directional Tire)

VEHICLE STORAGE

If you are leaving your vehicle dormant for more than 3 weeks, you may want to take these steps to protect your battery.

- Disconnect the negative cable from the battery.
- Before you store your vehicle, or keep it out of service (e.g., vacation) for two weeks or more, run the air conditioning system at idle for about five minutes in the fresh air and high blower setting. This will ensure adequate system lubrication to minimize the possibility of compressor damage when the system is started again.

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. There will be some loss of overall braking effectiveness. This may be evident by 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 (for example, repeated brake applications with the engine off), the brakes will still function. The effort required to brake the vehicle will be much greater than that required with the power system operating.

SRT — If Equipped

NOTE:
Your vehicle is equipped with a high performance braking system. The brake pads are a semi-metallic compound, which offers superior fade resistance for consistent operation. A compromise to using this type of brake pad is that the brakes may produce more brake dust and may squeal slightly under certain weather and operating conditions (i.e., during light brake applications). These are considered normal conditions.

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 six sided (hex) deep wall socket.

TORQUE SPECIFICATIONS

1320 Model Vehicle

Lug Nut/Bolt Torque	**Lug Nut/ Bolt Size	Lug Nut/Bolt Socket Size
130 Ft-Lbs (176 N·m)	M14 x 1.50	22 mm

SRT Model Vehicle

Lug Nut/Bolt Torque	**Lug Nut/ Bolt Size	Lug Nut/Bolt Socket Size
111 Ft-Lbs (150 N·m)	M14 x 1.50	22 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.

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).

NOTE:
If in doubt about the correct tightness, have them checked with a torque wrench by an authorized dealer or service station.

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

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

While operating on gasoline with the required octane number, 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 a dealer immediately. Use of gasoline with a lower than recommended octane number can cause engine failure and may void 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.

6.2L AND 6.4L ENGINE

Do not use E-85 flex fuel or ethanol blends greater than 15% in this engine. The use of octane boosting additives is NOT permitted for use in the 6.2L Supercharged engine.

This engine is designed to meet all emissions regulations, provide optimal fuel economy and performance when using high-quality unleaded “Premium” gasoline having a posted octane number of 91 as specified by the (R+M)/2 method. The use of 91 or higher octane “Premium” gasoline is required in these engines.

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 aide 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.

Methylcyclopentadienyl Manganese Tricarbonyl (MMT) In Gasoline

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.

(Continued)

CAUTION! *(Continued)*

- 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.

FLUID CAPACITIES

	US	Metric
Fuel (Approximate)		
All Engines	18.5 Gallons	70 Liters
Engine Oil With Filter		
All Engines	7 Quarts	6.6 Liters
Cooling System *		
All Engines	15.2 Quarts	14.4 Liters
6.2L Engine Intercooler	4.5 Quarts	4.2 Liters
* Includes heater and coolant recovery bottle filled to MAX level.		

ENGINE FLUIDS AND LUBRICANTS

Component	Fluid, Lubricant, or Genuine Part
Engine/Intercooler Coolant	We recommend you use Mopar Antifreeze/Coolant 10 Year/150,000 Mile (240,000 km) Formula OAT coolant conforming to MS.90032.
Engine Oil	The manufacturer recommends the use of Pennzoil Ultra Platinum 0W-40 or equivalent Mopar engine oil meeting the requirements of FCA Material Standard MS-12633 for use in all operating temperatures.

Component	Fluid, Lubricant, or Genuine Part
Engine Oil Filter	We recommend you use a Mopar Engine Oil Filter. If a Mopar Engine Oil Filter is unavailable only use filters that meet or exceed SAE/USCAR-36 Filter Performance Requirements.
Fuel Selection — All Engines	91 Octane or higher (R+M)/2 Method, 0-15% Ethanol.

CAUTION!

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

(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.

(Continued)

CAUTION! *(Continued)*

- 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 FLUIDS AND LUBRICANTS

Component	Fluid, Lubricant, or Genuine Part
Manual Transmission – If Equipped	We recommend you use Mopar ATF+4 Automatic Transmission Fluid.
Automatic Transmission – If Equipped	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, SAE J1703. Use of DOT 4 brake fluid is suggested for extended track use due to increased thermal capacity. DOT 4 brake fluid must be replaced every 24 months regardless of mileage.
Rear Axle	We recommend you use Mopar LSD Synthetic Gear Lubricant SAE 75W85 (API GL-5).

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DRIVE

Whether it's providing information about specific product features, taking a tour through your vehicle's heritage, knowing what steps to take following an accident or scheduling your next appointment, we know you'll find the app an important extension of your Dodge brand vehicle.

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