Jeep

2020 GRAND CHEROKEE

DRIVE MODE SUPPLEMENT





Jeep

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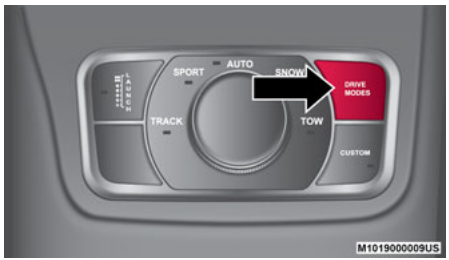
SRT DRIVE MODES

PERFORMANCE PAGES

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

To access the Performance Pages, press the DRIVE MODES button on the center stack near the gear shifter. Then press the Performance Pages tab on the Dashboard page. Or, from the apps menu, select the Performance Pages app.



Drive Modes Button

WARNING!

Measurement of vehicle statistics with the SRT 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

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 the following option 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 or timer to display:
   - Gauge: Oil Temp
   - Gauge: Oil Pressure
   - Gauge: Coolant Temp
   - Gauge: Battery Voltage
   - Gauge: Trans Temp
   - 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: 1000 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 vehicle's Vehicle Identification Number (VIN) number, miles on the odometer, longitude and latitude coordinates, and more.

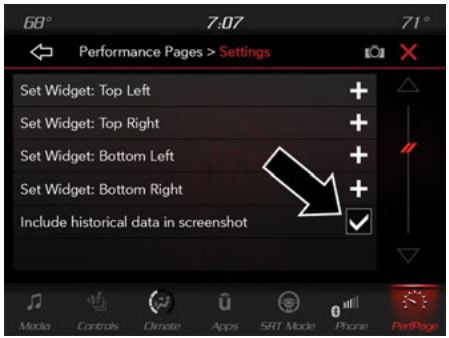
To activate the Historical Data feature on your touchscreen, follow these steps:

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.



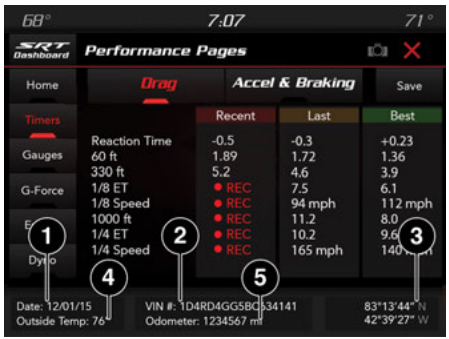
Home Page Settings

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



Historical Data Screenshot

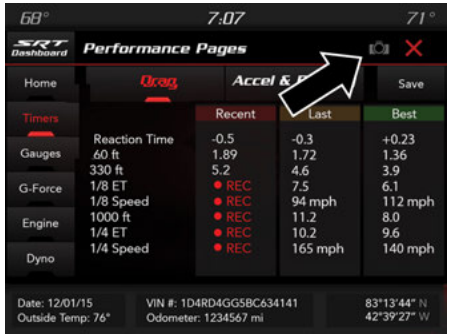
NOTE:
Once the checkbox is selected, the bottom bar of the screen will be replaced with the historical data from your vehicle present at the time the screenshot icon was pressed.



Historical Data Information

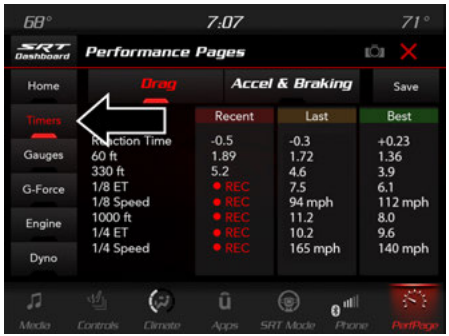
1 — Date
2 — Vehicle VIN Number
3 — Longitude And Latitude Coordinates
4 — Outside Temperature
5 — Odometer

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*

  A “real time” summary of performance timers.

- *Last*

  The last recorded run of performance timers.

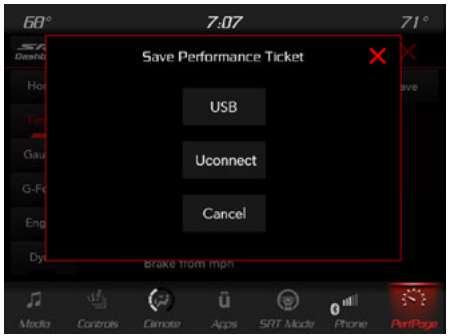
- *Best*

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

- *Save*

  Pressing the Save button will let you save the Recent, Last, and Best run. Any saved run over 10 will overwrite the oldest 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 touchscreen 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 runs to the Owner web page.

NOTE:
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 Timer 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)) and Acceleration Timers (0-60 mph

(0-96 km/h) and 0-100 mph (0-160 km/h)) will be “ready” to acquire new Recent data measurements when the vehicle is at 0 mph (0 km/h).

- *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 ft (20 m).

- *330 ft (100 m) ET*

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

- *1/8 Mile (200 m) ET*

  Displays the time it takes for the vehicle to go an 1 / 8 mile (200 m).

- *1/8 Mile (200 m) mph*

  Displays the vehicle speed at the time 1/8 mile (200 m) was reached.

- *1000 ft (300 m) ET*

  Displays the time is takes the vehicle to go 1000 feet (300 m).

- *1/4 Mile (400 m) ET*

  Displays the time it takes for the vehicle to go 1/4 mile (400 m).

- *1/4 Mile (400 m) mph*

  Displays the vehicle speed at the time 1 / 4 mile (400 m) was reached.

- *Brake Distance ft (m)*

  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 display "ready" when the vehicle is traveling at speeds 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*

  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.
- *Air Intake 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 and 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

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 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. The zero degree measurement indicates a steering wheel straight ahead position. When the steering angle value is negative, this indicates a turn to the left, and when the steering angle value is positive, a turn to the right.

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



6.4 L Engine



6.2 L 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 (non-6.2 L engines)*

  Shows the actual engine oil pressure.

- *Gear*

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

- *Boost Pressure (if equipped)*

  Shows the actual boost pressure.

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. Data towards the left edge is older.

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, and 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.

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

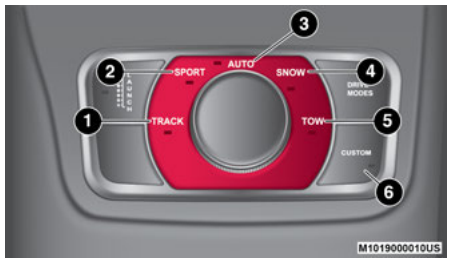
SRT DRIVE MODES



Drive Modes — Track

Your SRT vehicle is equipped with a 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 Selec-Track knob and may be accessed by performing any of the following:

- Rotate to select the appropriate Drive Modes button on the Selec-Track knob.



Selec-Track Drive Modes Switch

1 — TRACK
2 — SPORT
3 — AUTO
4 — SNOW
5 — TOW
6 — CUSTOM

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 are Track, Sport, Auto, Snow, Tow or Custom. Information shown will indicate the actual status of each system, along with a vehicle graphic that displays the active drive mode status. The color red indicates "Track", orange for "Sport", yellow for "Street", blue for "Snow", and purple for "Tow". These features will reset to AUTO upon an ignition cycle. 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.

NOTE:
Electronic Stability Control (ESC) Full-Off is only available in Selec-Track TRACK mode and can be activated by pushing and holding the ESC Off button on the instrument panel switch bank for five seconds.

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:

- Set launch RPM
- Activate Launch Control
- Enable/disable shift light
- Enable/disable the Race Cooldown feature (if equipped)

Listed below are the available Drive Modes:

Track Mode



Drive Modes (Track)

Selecting Track with the Selec-Track switch will activate the configuration for typical track driving. The Transmission, Stability Control, All-Wheel Drive, Steering, and Suspension systems are all set to their Track settings highlighted in red. The Paddle Shifters are enabled.

Sport Mode



Drive Modes (Sport)

Selecting Sport with the Selec-Track switch will activate the configuration for typical enthusiast driving. The Transmission, Stability Control, All-Wheel Drive, Steering, and Suspension systems are all set to their Sport settings highlighted in orange. The Paddle Shifters are enabled.

Tow Mode



Drive Modes (Tow)

Selecting Tow with the Selec-Track switch will activate the configuration for towing a trailer or hauling heavy loads in the cargo area. Once in this mode, trailer sway control is enabled in the Electronic Stability Control (ESC) system. The Transmission is set to Tow setting highlighted in purple. Stability Control is set to Full highlighted in blue. All-Wheel Drive is set to 50/50 highlighted in blue. Steering is set to Street highlighted in yellow. Suspension is set to Sport highlighted in orange. Paddle Shifters are enabled.

Snow Mode



Drive Mode (Snow)

Selecting Snow with the Selec-Track switch will activate snow mode for use on loose traction surfaces. When in Snow mode (depending on certain operating conditions), the transmission will use second gear (rather than first gear) during launches, to minimize wheel slippage. The Transmission is set to Snow setting highlighted in blue. Stability Control is set to Full highlighted in blue. All-Wheel Drive is set to 50/50 highlighted in blue. Steering is set to Street highlighted in yellow. Suspension is set to Street highlighted in yellow.

Paddle shifters can be enabled or disabled by pressing the Snow Set-up button on the touch-screen.



Snow Mode Set-Up

Auto Mode



Drive Mode Auto (Default)

Auto mode is enabled upon ignition ON/RUN, or by selecting Auto with the Selec-Track switch. The Transmission, Stability Control and All-Wheel Drive modes are set to their Street settings highlighted in yellow. Steering and Suspension can be configured in either the Street, Sport, or Track and the Paddle Shifters may be enabled or disabled while in auto set-up mode.



Auto Mode Setup

Custom Mode



Drive Mode (Custom)

Custom Mode may be selected by pushing the Custom button on Selec-Track switch. Custom Mode allows you to create a custom configuration that is saved for quick selection of your favorite settings. While in Custom Mode, the All-Wheel Drive, Stability Control, Transmission, Steering, and Suspension settings are shown in their current configuration.

While in the Custom Mode screen, press the Custom Set-Up button on the touchscreen to access the selectable options. Select which mode suits your driving needs for a custom driving experience.



Custom Mode Set-Up

Custom Mode Set-Up Info

Within the Custom Mode Set-Up screen, press the info button on the touchscreen then use the left/right arrow to scroll through all the available Drive Mode systems giving you a description of their operation and current configuration.

All-Wheel Drive



All-Wheel Drive

- *Track*

  Rotate the Selec-Track knob to Track to provide the greatest distribution of torque to the rear wheels (70%).

- *Sport*

  Rotate the Selec-Track knob to Sport to provide greater distribution of torque to the rear wheels (65%).

- *Street*

  Rotate the Selec-Track knob to Street to provide moderate distribution of torque to the rear wheels (60%).

- *50/50*

  Press the 50/50 option on the touchscreen to provide even distribution of torque between the front and rear wheels.

Transmission



Eight Speed Transmission

- *Track*

  Rotate the Selec-Track knob to provide the fastest shift speeds with the strongest comfort trade-off.

- *Sport*

  Rotate the Selec-Track knob to Sport to provide faster shift speeds with some comfort trade-off.

- *Street*

  Rotate the Selec-Track knob to Street to provide a balance of shift speed and comfort for typical daily driving.

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.

Stability Control



Stability Control

- *Track*

  Pressing the Track button on the touch-screen will provide minimal stability control.

NOTE:
Traction control is automatically turned off when TRACK mode stability is selected.

- *Sport*

  Pressing the Sport button on the touchscreen will provide reduced stability control.

- *Street*

  Pressing the Street button on the touch-screen provides full (default) 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



Steering

- *Track*

  Press the Track button on the touchscreen to adjust the steering effort and feel to the greatest level.

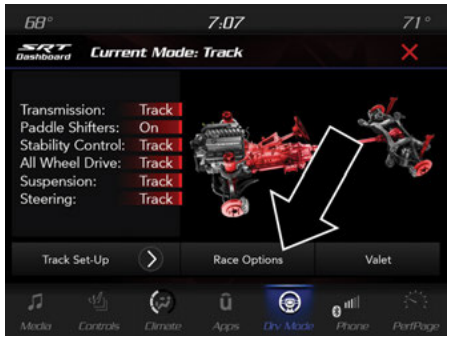
- *Sport*

  Press the Sport button on the touchscreen to adjust the steering effort and feel to a greater level.

- *Street*

  Press the Street button on the touchscreen to balance the steering feel and comfort.

Race Options



Race Options

Press the Race Options button on the touchscreen while in the Drive Modes screen to display the vehicle's Launch Control screen.

Within Race Options, you can activate, deactivate, and adjust the RPM values for the Launch Control and Shift Light features.

Refer to “Shift Light” in this section for further information on shift light 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.

This vehicle is equipped with a Launch Control system that is designed to allow the driver to achieve maximum 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 1/4 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 systems control resulting in an aborted launch.

Preconditions:

- Launch Control should not be used on public roads. Always check track conditions and the surrounding area.
- Launch Control is not available within the first 500 miles (805 km) of engine break-in.
- 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.

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



Activate Launch Control

1. Press the Race Options button on the touchscreen to set RPM, or push the LAUNCH button on the Select-Track switch to activate Launch Control.
2. Adjust your launch RPM’s for optimum launch/traction, if required.

3. Press the Activate Launch Control button on the touchscreen, follow instructions in the instrument cluster display.
   - Make sure the vehicle is not moving.
   - Put vehicle in FIRST gear or DRIVE.
   - Steering wheel must be centered with tires pointing forward.
   - Vehicle must be on level ground.
   - Apply Brake Pressure.
   - While holding the brake, rapidly apply and hold the accelerator pedal to wide open throttle. The engine speed will hold at the RPM that was set in the “Launch Control” screen.

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



Example: Brake Pedal Pressure

4. When the above conditions have been met, the instrument cluster display will read “Release Brake”.
5. Keep the vehicle pointed straight and release the brake.

Launch control will be active until the vehicle reaches 62 mph (100 km/h), at which point the Electronic Stability Control (ESC) system will return 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 pressed to change the system to another mode.

NOTE:
The Launch Control RPM setting can only be adjusted while Launch Control is not active. After launch control has been aborted, ESC will return to its current ESC mode.

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



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 is between the minimum and maximum RPM values shown on the gauge, in 100 RPM increments.

Shift Light

Your vehicle is equipped with a Shift Light feature that illuminates the back lighting of the tachometer in red within the instrument cluster display. This feature is a visual cue to manually up-shift using the paddle shifters or shifting the transmission gear selector.



Shift Light

To actuate the Shift Light feature, press the Shift Light button on the touchscreen, 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.

Once the shift light is configured On, it is only active while the gear shifter is in the Manual or Sport shifter position (M or S position).

NOTE:

Paddle shifters can be used to shift, however using the paddle shifters while the shifter is in DRIVE position will not enable the shift light feature.



Shift Light RPM Set-Up

The Shift Light RPM Set-Up allows you to set the shift light to illuminate for gears 1, 2, 3, 4, and 5-8. Pressing and releasing the up/down arrow buttons above and below each listed gear, the RPM values will change in increments of 250 RPM. 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 or from the Dashboard page.



Race Options



Race Cooldown Dashboard Screen

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 are acceptable 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 in the radio can show the resulting intercooler coolant temperature in real time while the vehicle ignition is in ON/RUN position with the engine off.

NOTE:

Race Cooldown feature (After-Run) will only come on when the engine is off. The temperature will also display when the engine is running, 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 the coolant temperature reaches the target temperature and cooling is no longer required.
- If the battery voltage or state of charge drops below a threshold.
- If the hood is opened.

Guidelines For Track Use

- 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 modes during the track event.
- Prior to each track event, verify all fluids are at the correct levels.
- Prior to each track event, verify the front and rear brake pads have more than half pad thickness remaining. If the brake pads require changing, complete a brake burnish procedure prior to track outing at full pace.

NOTE:
Use of DOT 4 brake fluid is suggested for extended truck usage due to increased thermal capacity.

- 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 cooldown lap using minimal braking.
- 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, driveline and brake system. This may affect Noise Vibration Harshness (NVH) countermeasures designed into your vehicle. New components may need to be installed to return the system to the original NVH performance.
- Tire pressure:
  - Recommended tire pressure of 33 psi (230 kPa) when tires are cold, or below 42 psi (290 kPa) when hot.

NOTE:
It is recommended that you target below 42 psi (290 kPa) when tires are hot at the conclusion of each track session. Starting at 33 psi (230 kPa) 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:

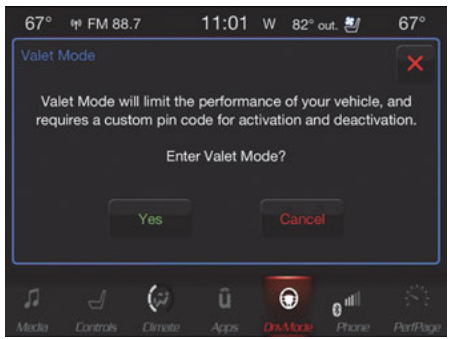
1. Use one track session to burnish brakes by driving at 75% speed. Brake at approximately 0.60 - 0.80g max without Anti-Lock Brake System (ABS) intervention.
2. Complete one lap in this manner until you start smelling the brakes. Continue for another half lap at speed, then complete a two lap cooldown with minimal brake applications. Ensure the brakes are not smoking. If they are, complete another cooldown lap.
3. Getting the brakes to smoke is indication that the brakes have overheated and may negatively affect future track usage.
4. Allow vehicle to sit and cool for at least 30 minutes. If an infrared thermal gun is available, allow rotors to cool to 200°F (93.3°C) before returning to the track.
5. There should be a thin layer of ash when inspecting the brake pads. Having the ash layer go more than half the thickness of the pad material is a sign of an overly aggressive burnish.
6. Occasionally, a second burnish session is required. If the brake pads begin to emit an odor during the next track session, reduce vehicle speed and braking deceleration rate to burnish targets and follow steps 2-4.
7. New brake pads installed on old rotors require a burnish. New rotors installed with old brake pads should be burnished at the track or driven for 300 miles (485 km) of city driving 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.

NOTE:

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.

Valet Mode

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 pre-selected, so you are free to select any four-digit numeric combination that will be easy to remember.

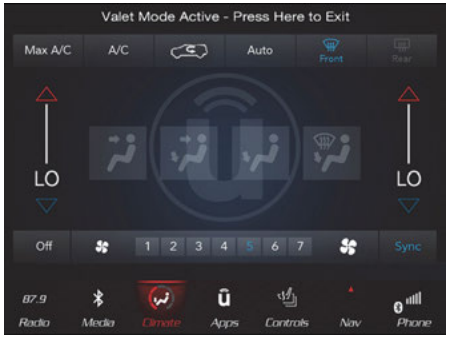


Valet Mode Activation

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

- All-Wheel Drive is set to 50/50.
- Transmission up-shifts earlier than normal.
- Stability Control, Steering, and Suspension are set to their STREET settings.
- Steering wheel paddle shifters are disabled.
- The Drive Mode interface is not available. Pushing the SRT button on Selec-Track knob will display the unlock keypad.
- The ESC Off button is disabled.
- The Launch Control button is disabled.
- Engine limited to a lowest power output state.

To exit Valet Mode you must enter the same four-digit PIN that was used to enter the mode. The unlock keypad can be accessed by either pushing the SRT button on Selec-Track switch, or pressing the Valet button on the touchscreen.



Valet Mode Deactivation

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



Valet Mode Deactivation PIN

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 cycle the ignition to the ON/RUN position, the vehicle will be in AUTO mode.

Eco Mode

Push the ECO button on the instrument panel switch bank to enter ECO mode. 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.

- ECO is only available in AUTO mode.
- Changing the Drive Mode will deactivate ECO.
- ECO will be disabled when another Drive Mode is selected or ECO button is pushed.
- When ECO is activated in AUTO mode, it will remain in ECO upon activation of AUTO mode from any other mode including across key cycles. To deactivate press the ECO button again.



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