DRIVE MODE SUPPLEMENT

DRIVE MODE SUPPLEMENT

DODGE DRIVE MODES 3

SRT DRIVE MODES 29

DODGE DRIVE MODES

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PERFORMANCE PAGES

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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 button 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.

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:

1. Touch any of the gauges to change them.
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 to display:
   - Gauge: Oil Temp
   - Gauge: Oil Pressure
   - Gauge: Coolant Temp
   - Gauge: Battery Voltage
   - Gauge: Trans Temp — If Equipped with an Automatic Transmission
   - Gauge: Battery Voltage
   - Gauge: Engine Torque
   - Gauge: Engine Power

- Gauge: G-Force
- Gauge: Steering Angle
- Gauge: Current Gear
- Gauge: Current Speed
- Gauge: Top Speed
- Timer: 0-60 MPH
- Timer: 0-100 MPH
- Timer: 60 Ft Time
- Timer: 1/8 Mile
- Timer: 1/4 Mile
- Timer: Brake Distance
- Timer: Reaction Time

TIMERS



Performance Pages — Timers

When the Timers Page is selected, you will be able to select from following "Tickets":

- *Current*

Pressing the "Current" button displays a "real time" summary of performance timers.

- *Last*

Pressing the "Last" button displays the last recorded run of performance timers.

- *Best*

Pressing the "Best" button displays the best recorded run of performance timers, except for braking data.

- *Save*

Pressing the "Save" button will let you save the visible page, current/last/best. Any saved run over ten will overwrite the last saved run for Uconnect System storage. The operation of the Save feature is listed below:



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.

Press the “Cancel” button to view the last timer “Ticket”.

The “Tickets” 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: The Reaction Time, MPH, ⅛ and ¼ Mile timers will be “ready” 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).

- ***⅛ Mile (200 meter) ET***

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

- ***⅛ Mile (200 meter) MPH***

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

- ***¼ Mile (400 meter) ET***

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

- ***¼ Mile (400 meter) MPH***

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

- ***Brake Distance ft***

Displays the distance it takes the vehicle to make a full 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***

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 the actual battery voltage

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

Shows the actual transmission oil temperature.

- *Intake Air Temperature*

Shows the actual intake air temperature.

If a gauge is selected, the Gauge Detail View page will appear on the screen. This page shows further information on the selected gauge.

Press the left and right arrows will cycle through the details for each of the gauges. Pressing the lower X button in the top right corner 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 force on the front of the vehicle.

- *Right G-Force:*

Measures the force on the right side of the vehicle.

- *Left G-Forces:*

Measures the force on the left of the vehicle.

- *Rear G-Forces:*

Measures the force on the rear of the vehicle.

NOTE: Front, Right, Left, and Rear G-Froces 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



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*

Shows the actual engine oil 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. 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, 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.

PERFORMANCE CONTROL

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Your vehicle is 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:

- Pushing the Super Track Pack button on the instrument panel switch bank.
- Selecting "Performance Control" from the "Apps" menu.
- Selecting "Performance Control" from within the Performance Pages menu.

You will be able to enable, disable, and customize the functionality of the Launch Control and Drive Modes 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 with 6.4L engine Scat Widebody vehicles will use SRT Drive Modes rather than the Dodge Performance Pages. Please refer to the below sections for further information on the SRT Drive Modes.

LAUNCH MODE

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.



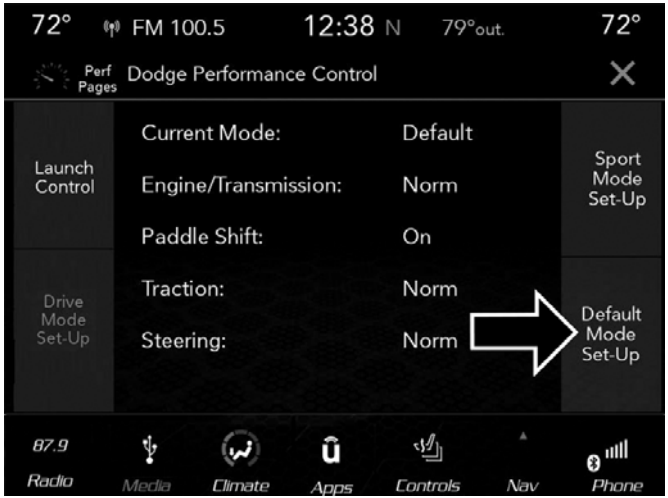
Launch Control

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 quarter mile and 0–60 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 results in excess wheel slip outside this systems 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 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.

PERFORMANCE CONTROL SET-UP



Performance Control Set-Up

Pressing the "Performance Control 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" buttons on the touchscreen allows the driver to configure their individual drive modes and 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.

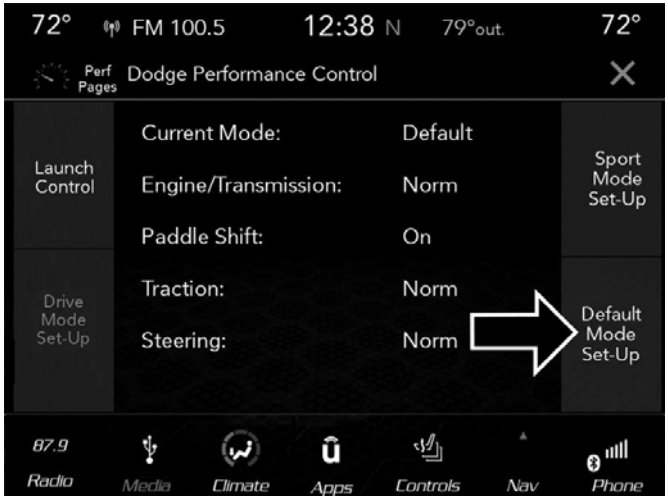
Available Mode Configurations

Transmission	Auto
Engine	N/A
Engine/Trans	X
Steering	X
Paddle Shifters	X
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



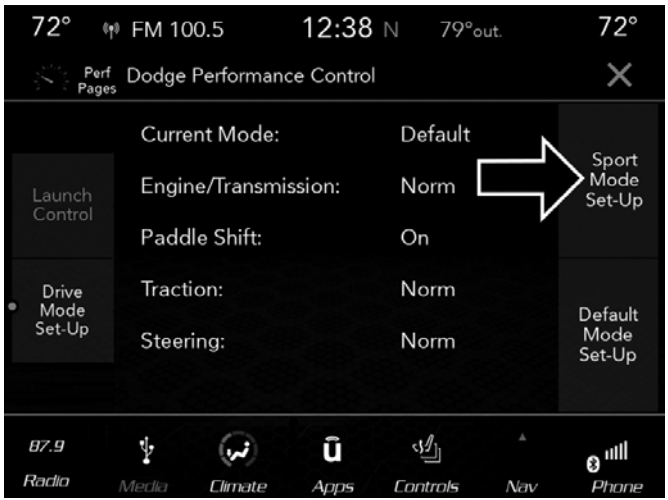
Default Mode

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 buttons on the touchscreen. The Paddle Shifters may be enabled or disabled while in this mode.



Default Mode Set-Up

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 switches are enabled. The 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 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



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 "Norm" 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 "Norm" 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 "Norm" button on the touchscreen to provide a balanced steering feel and steering effort. This is also your vehicles pre-set steering setting.

- *COMFORT*

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

SRT DRIVE MODES

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SRT 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.

NOTE: If a USB drive is installed in the media hub, press the Camera button on the touchscreen. A screen shot of the page will be taken and saved onto the USB.

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

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:

1. Press any of the gauges to change the display.
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 — If Equipped with an Automatic Transmission
   - Batter Voltage
   - Gauge: Boost Pressure

- Gauge: Air/Fuel Ratio — If Equipped
- Gauge: I/C Coolant Temp
- Gauge: Engine Torque
- Gauge: Engine Power
- Gauge: G-Force
- Gauge: Steering Angle
- Gauge: Current Gear
- Gauge: Current Speed
- Gauge: Top Speed
- Timer: 0-60 MPH
- Timer: 0-100 MPH
- Timer: 1/8 Mile
- Timer: 1/4 Mile
- Timer: Brake Distance
- Timer: Reaction Time

TIMERS



Performance Pages — Timers

When the Timers Page is selected, you will be able to select from following "Tickets":

- *Current*

Pressing the "Current" button displays a "real time" summary of performance timers.

- *Last*

Pressing the "Last" button displays the last recorded run of performance timers.

- *Best*

Pressing the "Best" button displays the best recorded run of performance timers, except for braking data.

- *Save*

Pressing the "Save" button will let you save the visible page, current/last/best. Any saved run over ten will overwrite the last saved run for Uconnect System storage. The operation of the Save feature is listed below:



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.

Press the “Cancel” button to view the last timer “Ticket”.

The “Tickets” 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: The Reaction Time, MPH, ⅛ and ¼ Mile timers will be “ready” 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).

- ***⅛ Mile (200 meter) ET***

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

- ***⅛ Mile (200 meter) MPH***

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

- ***¼ Mile (400 meter) ET***

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

- ***¼ Mile (400 meter) MPH***

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

- ***Brake Distance ft***

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

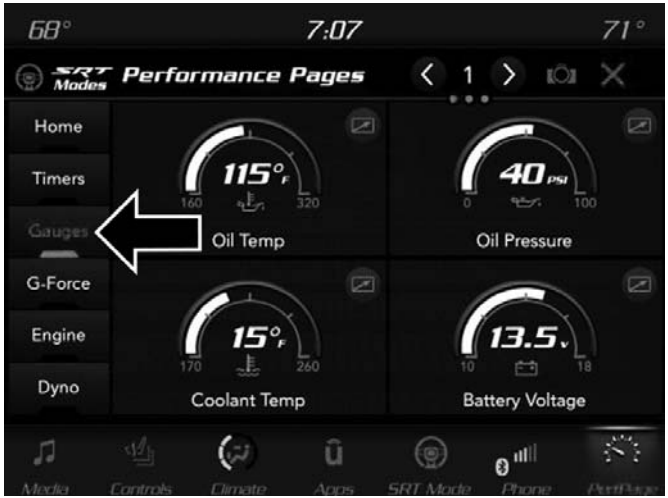
NOTE: The distance measurement will be aborted if the brake pedal is released or the parking brake is engaged, before the vehicle comes to a complete stop.

- ***Brake from MPH***

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 voltag.

- *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 further information on the selected gauge.

Pressing the left and right arrows will cycle through the details of each gauge. Pressing the lower X button on the top right corner 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 force on the front of the vehicle.

- *Right G-Force:*

Measures the force on the right side of the vehicle.

- *Left G-Forces:*

Measures the force on the left of the vehicle.

- *Rear G-Forces:*

Measures the force on the rear of the vehicle.

NOTE: Front, Right, Left, and Rear G-Froces 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



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)*

Shows the actual engine oil pressure.

- *Gear (Automatic Transmission Only)*

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

- *Boost Pressure (6.2L Only)*

Shows the actual boost pressure.

DYNAMOMETER (DYNO)



Dyno Page

The system will start drawing graphs for Power and Torque. 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, 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.

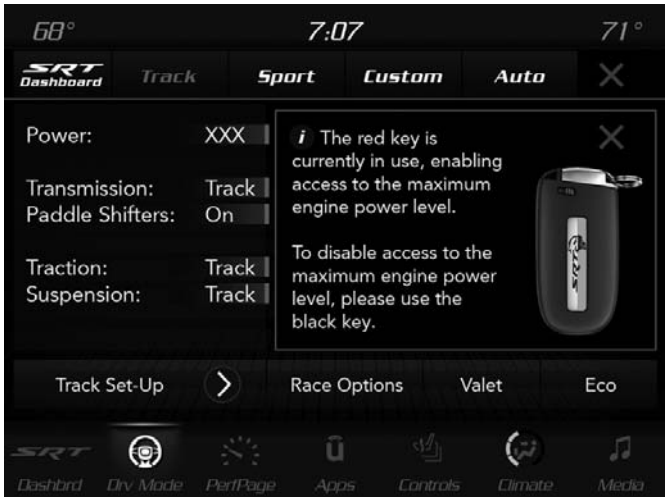
NOTE: The Gear on/off feature will only display if your vehicle is equipped with an Automatic Transmission.

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Key Fob 6.2L Supercharged Engine — If Equipped



Red Key Fob

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 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 Uconnect system and may be accessed by performing any of the following:

- Pushing the SRT button on the instrument panel switch bank.
- Selecting “SRT Modes” from the “Apps” menu.
- Selecting “Drive Modes” 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.

Engine/ Transmis-sion	Red Key/ 700+ HP	Black Key/ 500 HP	Transmis-sion	Paddle Shifters	Suspension	Steering	Traction
6.2L MTX	X	X	N/A	N/A	X	If Equipped	X
6.2L ATX	X	X	X	X	X	If Equipped	X
6.4L MTX	N/A	N/A	N/A	N/A	X	X	X
6.4L ATX	N/A	N/A	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, or 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.

Listed below are the available Drive Modes:

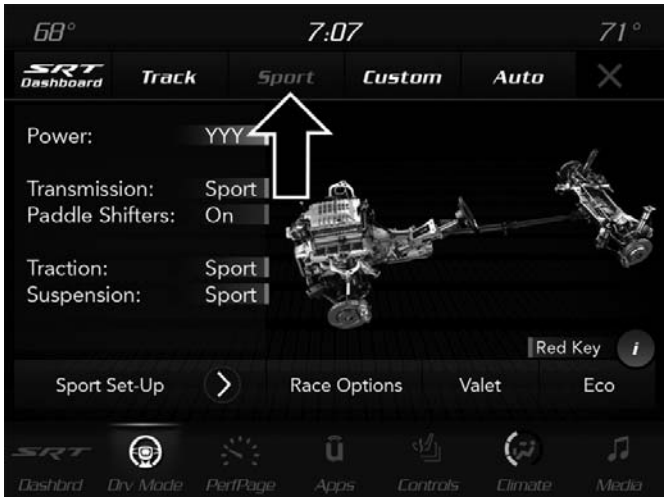
TRACK MODE



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.

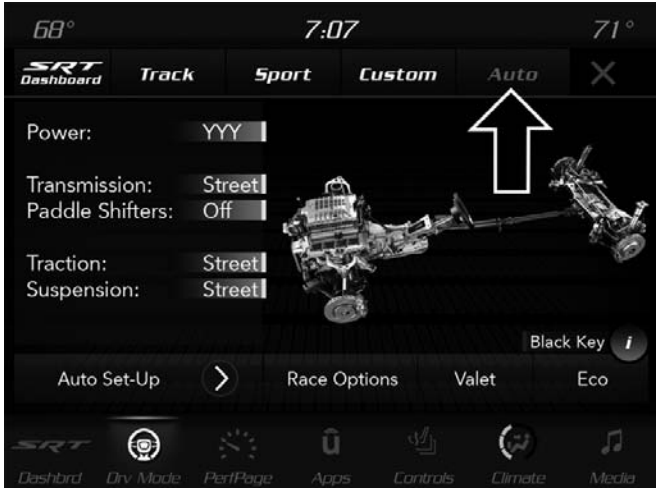
SPORT MODE



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

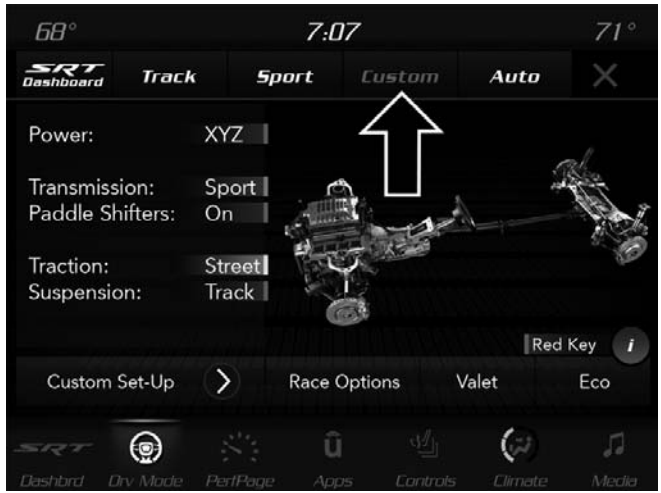


Auto Mode

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 either the "Street," "Sport," or "Track" modes 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 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.

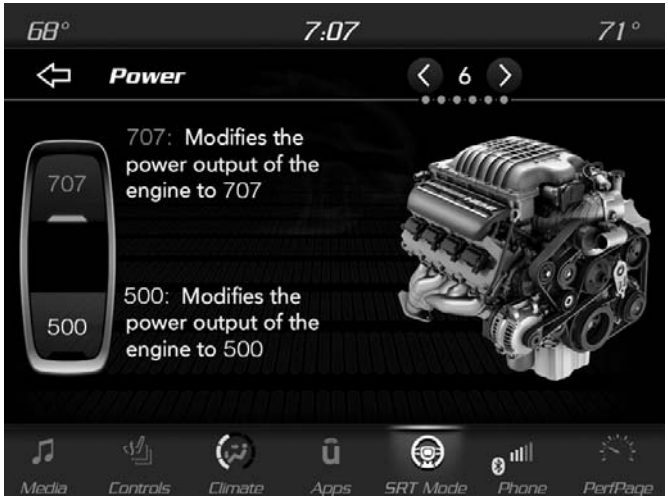
Drive Mode Set-Up Info

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.



Track Mode Info

Power — If Equipped With 6.2L Supercharged Engine



Power — 6.2L Supercharged Engine Only

- *707*

Press the "707" button on the touchscreen to modify the output power of the engine to 707.

NOTE: This selection is only available with the red key fob.

- *500*

Press the "500" button on the touchscreen to modify the output power of the engine to 500.

NOTE: This selection is available with the red or black key fob and will limit the transmission to the "Street" setting. Eco and Valet modes are still available while 500 mode is selected.

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.

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.

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

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- LAUNCH CONTROL 60
- SHIFT LIGHT. 62



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.

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 pressing 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.

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 only time the shift light comes on, is when the shifter is placed into Sport Mode. It will not work with paddle shifters.



Shift Light RPM Set-Up

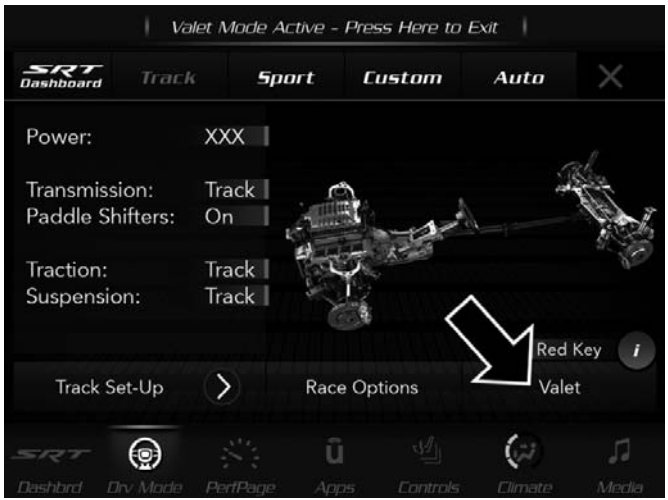
The Shift Light RPM Set-Up allows you to set the shift light to actuate for gears 1, 2, 3, 4, and 5-8. By pressing and releasing the up/down arrow buttons on the touchscreen above and below each listed gear, the RPM values will change in increments of 250 RPM. Pressing and holding the arrows will change the RPM values in increments of 500 RPM, ranging from 2000–6000 RPM (6.2L) and 2000–6250 RPM (6.4L). The Shift Light setup 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.

VALET MODE

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■ VALET MODE 66

VALET MODE

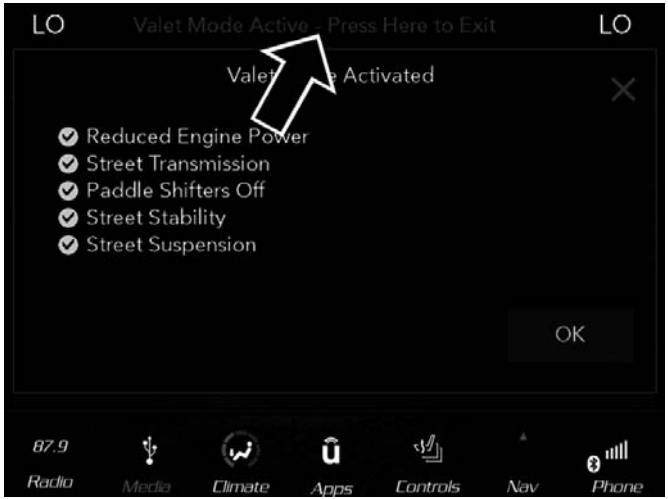


Valet Mode Activation

To enter Valet Mode, press the "Valet" button on the touchscreen and a popup 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 transmission, transmission locks out access to first gear and 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

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 the faceplate, or pressing the "Valet Mode Active – Press Here to Exit" button on the touchscreen.



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 "OK" button on the touchscreen. Your vehicle will return to the default state whenever exiting Valet Mode.

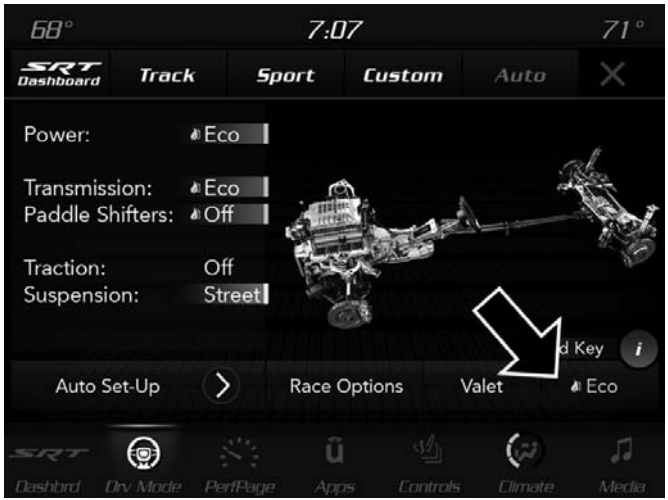
NOTE: If your four digit PIN is lost or forgotten, the vehicle will exit Valet Mode after a battery disconnect for approximately five minutes. Reconnect the battery and cycle the ignition to the RUN position; the vehicle will be in Auto Mode.

ECO MODE

CONTENTS

■ ECO MODE 70

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).

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.

LAUNCH MODE — IF EQUIPPED

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■ AUTOMATIC TRANSMISSION — IF EQUIPPED . .72

■ MANUAL TRANSMISSION — IF EQUIPPED 73

AUTOMATIC TRANSMISSION — IF EQUIPPED

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

1. Push the Drive Modes button, then push the Race Options button, then push the Launch Control button to begin the Launch Mode 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. Please refer to "SRT Drive Modes" for further information.

2. Slide the RPM slider bar on the touchscreen. This screen will allow you to adjust your launch RPM's for optimum launch/traction.
3. Make sure the vehicle is not moving.
4. Make sure the steering wheel is pointing straight.
5. Hold the brake FIRMLY and make sure the vehicle is in "DRIVE".
6. While holding the brake, rapidly (within 0.25s) 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.

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

Launch mode 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 mode will abort before launch completion, 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 mode has been aborted, ESC will return to its current ESC mode.
- Pushing the LAUNCH button, or pressing the "Activate Launch Mode" button on the touchscreen 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 Mode is only available when the following procedure is followed:

1. Push the SRT Drive Modes button, then push the Race Options button, then push the Launch Control button to begin the Launch Mode 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. Please refer to "Uconnect Settings" in your Owner's Manual for further information.

2. Slide the RPM slider bar on the touchscreen. This screen will allow you to adjust your launch RPM's for optimum launch/traction.
3. Make sure the vehicle is not moving.
4. Make sure the steering wheel is pointing straight.
5. Fully depress the clutch pedal and make sure the vehicle is in first gear.
6. While holding the clutch depressed, 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.

7. 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 this section for further information.

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

8. Keep the vehicle pointed straight.

Launch mode 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 mode 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 launch mode has been aborted, ESC will return to its current ESC mode.
- Pushing the LAUNCH button, or pressing the "Activate Launch Mode" button on the touchscreen 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.

GUIDELINES FOR TRACK USE

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■ TRACK BURNISHING YOUR BRAKES 77

OVERVIEW

NOTE: Because of the extreme conditions encountered during track use, any damage or wear associated with track use is not covered by 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 modes during the track event.
- Prior to each track event/day, verify all fluids are at the correct levels.
- Prior to each track event, verify the front and rear brake pads have more than ½ 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.

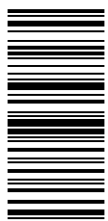
- At the conclusion of each track event, it is recommended that a brake bleed procedure is performed to maintain the pedal feel and stopping capability of your Brembo High Performance brake system.
- It is recommended that each track outing should end with a minimum of 1 cool down lap using minimal braking.
- If equipped with a removable lower front fascia 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 ½ 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:
  - 40psi (276kpa) hot, recommend 32psi (221kpa) front, 30psi (207 kpa) rear cold

NOTE: It is recommended that you target 40psi (276kpa) Hot Tire Pressure at the conclusion of each track session. Starting at 32psi (221kpa) Front & 30psi (207 kpa) Rear Cold and adjusting based on ambient & 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 ABS intervention.
2. Lap the track in this manner until you start smelling the brakes. Continue for another ½ lap at speed, then do a two lap cool down with minimal brake applies. Make sure the brakes are not smoking. If they are, do another cool down lap.
3. Do not continue for more than 1 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 min. 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 decel 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.



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Fourth Edition