2016

Cadillac



CONVENIENCE/PERSONALIZATION GUIDE

Review this guide for an overview of some important performance features in your Cadillac ATS-*V* or CTS-*V*. Not all vehicles are configured with the same optional equipment. Some optional equipment described in this guide may not be included in your vehicle. More detailed information can be found in your Owner Manual.

DRIVER MODE CONTROL

V-Series models include four selectable driver modes that adjust how the vehicle performs by changing the various vehicle control systems based on driving preferences, weather or road conditions.

1. Press the ∧ **MODE** ∨ button on the center console to view the current mode.
2. Press the ∧ **MODE** ∨ button again to scroll through the four available modes.



ATS-*V Driver Mode Control buttons*



CTS-*V Driver Mode Control buttons*

Driver Modes

Tour mode (default mode at each ignition cycle) provides smooth, precise handling and a comfortable ride for everyday driving.

Sport mode delivers a more engaging driving experience, with changes to the steering, transmission, suspension and other control systems.

Track mode delivers maximum performance and feedback for the most engaging driving experience, including electronic sound enhancement and launch control. Track mode also enables Performance Traction Management.

Snow/Ice mode is intended for slippery driving conditions with a unique throttle progression for added traction.

Mode Summary	TOUR	SPORT	TRACK	SNOW/ICE
Throttle Progression	Tour	Tour	Track	Snow/Ice
Transmission Shift Mode	Tour	Sport/Track	Sport/Track	Tour
Electronic Sound Enhancement/Exhaust Valve Calibration	Tour	Sport	Track	Tour
Steering (Assist Effort)	Tour	Sport	Track	Tour
Magnetic Ride Control	Tour	Sport	Track	Tour
Motorized Safety Belts (CTS-*V*)	Tour	Tour	Track	Tour
Electronic Limited Slip Differential (E-LSD)	Tour	Tour	Tuned by Mode	Tour
Launch Control	Not Available	Not Available	Available	Not Available
Traction Control and StabiliTrak	Tour	Tour	PTM Available	Tour
Performance Traction Management (PTM)	Not Available	Not Available	Available	Not Available

See Driving and Operating in your Owner Manual.

PERFORMANCE TRACTION MANAGEMENT

Performance Traction Management (PTM) is a traction, stability and chassis mode control system accessed through the Track mode (see Driver Mode Control on page 2).

1. Once in Track mode, press the **Traction Control Off** button twice to activate PTM.
2. Press the ∧ **MODE** ∨ button on the center console to select one of the five available modes. Mode selections are shown on the instrument cluster display.



ATS-*V Traction Control Off button*



CTS-*V Traction Control Off button*



CTS-*V instrument cluster display*

PTM Modes

WET (Active Handling On) is for damp tracks and/or cold tire conditions. StabiliTrak is on.

DRY (Active Handling On) sets the traction control for dry conditions and puts StabiliTrak in a more aggressive Sport setting.

SPORT 1 (Active Handling On) adds more slippage to the traction control and provides less StabiliTrak control.

SPORT 2 (Active Handling Off) adds to the potential for faster lap times by keeping aggressive slip targets for traction control and turning off StabiliTrak.

RACE (Active Handling Off) allows for more driver control and maximum lap times. Launch Control is tuned for treated surfaces at drag strips. Traction control at higher speeds is tuned to allow higher slip targets than the lower modes.

See Driving and Operating in your Owner Manual.

LAUNCH CONTROL

Launch Control is a form of traction control that manages tire spin while launching the vehicle to help achieve high levels of vehicle acceleration in a straight line. It is intended for use during closed course race events where consistent 0-to-60 and quarter-mile times are desired.

Launch Control is automatically activated when the vehicle is in Track mode and any of the five Performance Traction Management modes are activated.

Manual Transmission (ATS-V only)

► To use Launch Control with a manual transmission, depress the clutch pedal, select 1st gear, press the accelerator pedal to wide open throttle, and then release the clutch pedal while fully pressing the accelerator pedal.

Automatic Transmission (ATS-V and CTS-V)

► To use Launch Control with an automatic transmission, firmly depress the brake pedal, press the accelerator pedal to wide open throttle, and then release the brake pedal while fully pressing the accelerator pedal.

See Driving and Operating in your Owner Manual.

♦ Optional equipment

PERFORMANCE DATA RECORDER♦

The Performance Data Recorder (PDR) enables you to record high-definition video of your driving experiences on or off the track — capturing video, audio and vehicle performance data.

1. To use the system, insert a FAT32 formatted SD card, Class 10 required, into the card reader in the glove box.
2. Touch the **PDR** icon on the CUE touch screen to access the menu.
3. Touch the **Choose Video Overlay** screen button to select one of four video overlays.
4. With an overlay selected, touch the **Start Recording** screen button to begin recording.
5. Touch the **Stop Recording** screen button to stop the recording session.
6. Touch the **Recorded Sessions** screen button to view recorded sessions. Video playback is not available while the vehicle is in motion.



SD card location



PDR icon



PDR recording screen

Video Overlays



Video Overlay selection screen

No Overlay displays only the video without any vehicle data.

Sport displays vehicle speed; engine RPM; transmission gear; and lateral g-force.

Track displays vehicle speed; a GPS tracking map; engine RPM; transmission gear; lateral and longitudinal g-forces; brake and throttle; steering angle; a StabiliTrak active indicator if the stability control system is activated; Performance Traction Management mode; and current Lap Time if the finish line is defined and the defined finish line has been crossed at least once.

Performance Timing displays vehicle speed; engine RPM; transmission gear; 0–60 mph, 0–100 mph, 1/4-mile, and 0–100–0 mph times; throttle position; and a StabiliTrak active indicator if the stability control system is activated.

Available Cosworth Toolbox software enables recorded sessions to be transferred to a personal computer to evaluate driver and vehicle performance. Visit **www.cadillac.com** for more Cosworth Toolbox information and to download the software.

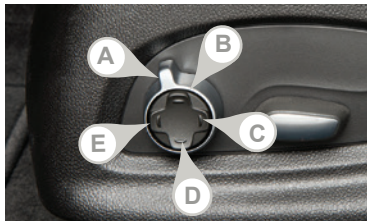
See Infotainment System in your Owner Manual.

RECARO PERFORMANCE SEATS♦

The available Recaro performance front seats include adjustable bolsters to help support and hold the driver and front passenger in place during high-load cornering, while providing comfort for long-distance driving.

Seat Controls

A. Feature Select
B. Up
C. Rearward
D. Down
E. Forward



Seat adjustment controls

Seat Adjustments

1. To adjust lumbar support, the cushion bolster or back bolster, rotate the **Feature Select** control (A) to display the desired seat adjustment feature on the CUE screen.

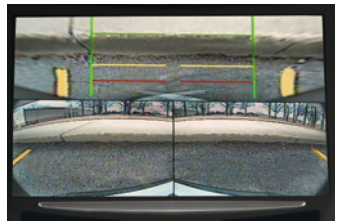

Seat adjustment display screen

2. Use the **Up** (B), **Rearward** (C), **Down** (D), and **Forward** (E) controls on the seat to adjust the selected feature.

See Seats and Restraints in your Owner Manual.

FRONT CURBVIEW CAMERA (CTS-V)

A view of the area in front of the vehicle displays on the CUE screen to aid with parking and low-speed maneuvers. The display shows a front, top-down view on the top of the screen and left and right-front view images on the bottom of the screen. A guideline overlay shows the distance to the curb or obstacles.


CTS-V *Front CurbView Camera display*

The front cameras operate automatically after the car is shifted from Reverse to Drive and the vehicle is moving forward slower than 5 mph.

- The cameras can be activated by pressing the **Camera** icon on the CUE touch screen when the vehicle is in Drive.

The cameras automatically turn off when the car stops or accelerates to speeds of 5 mph or higher, or when the driver touches the CUE screen or Home button.



CTS-V *Front CurbView Camera icon*

See Driving and Operating in your Owner Manual.

♦ Optional equipment

RECONFIGURABLE INSTRUMENT CLUSTER (CTS-V)



Balanced



Enhanced



Performance

The instrument cluster can be configured in three different display layouts. Use the 5-way control on the right side of the steering wheel to move between the different display zones and to scroll through the different displays.

Change Cluster Configuration

1. View the Options page in one of the interactive display zones on the cluster.
2. Press **SEL** to enter the Options menu.
3. Scroll down to highlight Display Layout; press **SEL**.
4. Each layout in the menu is represented by a small preview image of the display layout. Scroll up or down to highlight the desired layout; press **SEL**.
5. Press the < to exit the menu.

See Instruments and Controls in your Owner Manual.



CTS-*V 5-way control*



CTS-*V Reconfigurable Instrument Cluster selection display*

FRONT AND REAR PARK ASSIST (ATS-V)

Front and Rear Park Assist is automatically activated at speeds below 5 mph to help make parking easier and prevent curb damage to the front aero splitter.

Sensors in the front bumper may detect objects up to 4 feet in front of the vehicle. The instrument cluster displays a "distance to object" graphic that changes color from yellow to amber to red as the vehicle gets closer to a detected object.

In addition, audible beeps and/or vibration pulses in the Safety Alert Seat increase as the vehicle gets closer to a sensed object.



ATS-*V Front Park Assist display*



ATS-*V Park Assist button*

► Press the **Park Assist** button on the left side of the instrument panel to turn the system on/off.

Note: *Keep the front sensors clean for proper operation.*

See Driving and Operating in your Owner Manual.

ACTIVE REV MATCHING AND NO-LIFT SHIFT (ATS-V WITH MANUAL TRANSMISSION♦)

Active Rev Matching

Active Rev Matching is a performance feature that anticipates the next transmission gear change and electronically adjusts gear speeds to match the anticipated selection, resulting in smooth, seamless shifts. It activates for both upshifts and downshifts. Active Rev Matching is maintained for a few seconds between shifts and will deactivate if the shift is not completed.

► Press either paddle on the back of the steering wheel to activate or deactivate Active Rev Matching.

The current gear selected is shown on the instrument cluster and on the Performance View of the Head-Up Display♦.

When Active Rev Matching is activated, the gear number is amber. When it is not activated, the gear number is white.



ATS-*V Active Rev Matching paddle (available suede microfiber steering wheel♦ shown)*

No-Lift Shift

No-Lift Shift is part of the engine control system and is active at all times. It allows the driver to shift gears without letting off the accelerator pedal. This keeps the turbochargers spooled up, which allows for a quicker return to power and faster lap times.

See Driving and Operating in your Owner Manual.

♦ Optional equipment

TRACK CAPABILITY

V-Series models are built to be track-capable straight from the factory. No major modifications or additional equipment is needed.

For track events and competitive driving, it is recommended that the factory brake fluid be replaced with a qualified racing brake fluid. A proper wheel alignment for track use and proper tire pressure (refer to the Owner Manual) will extend tire life.

In addition, for the supercharged CTS-*V*, the engine oil should be changed to 5W-40 synthetic oil to allow for extended lapping sessions in high ambient temperatures.

See Driving and Operating in your Owner Manual.

SUMMER TIRES

Your vehicle is equipped with high-performance summer tires. These tires have a special tread and compound that are optimized for maximum dry and wet road performance. This special tread and compound will have decreased performance in cold climates and on ice and snow.

Winter tires are recommended for the vehicle if driving at temperatures below approximately 40° F (5° C) or on ice and snow-covered roads.

See Vehicle Care in your Owner Manual.

We recommend always using ACDelco or genuine GM service parts.

Certain restrictions, precautions and safety procedures apply to your vehicle. Please read your Owner Manual for complete instructions. All information contained herein is based on the latest information available at the time of printing and is subject to change without notice. Copyright 2015 by General Motors. All rights reserved.

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