



GETTING TO KNOW YOUR
2020 CORVETTE
PERFORMANCE FEATURES



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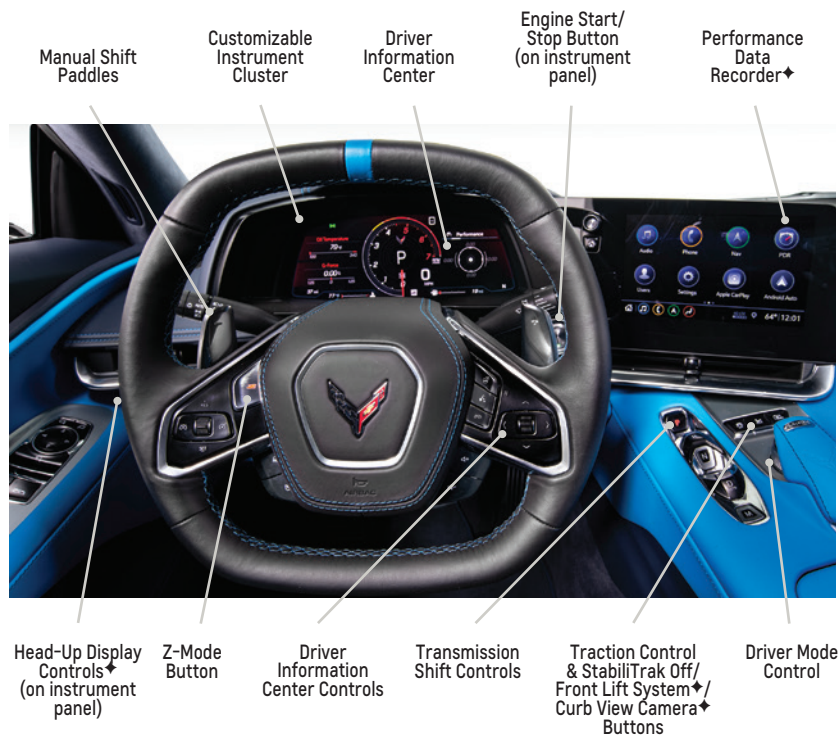
Review this Quick Reference Guide for an overview of some of the performance features of your Chevrolet Corvette. Some optional equipment described in this guide may not be included in your vehicle. More information can be found in your Owner's Manual and at my.chevrolet.com.

For easy reference, keep this guide with your Owner's Manual in your glove box.

Certain restrictions, precautions, and safety procedures apply to your vehicle.
Please read your Owner's Manual for complete instructions.



INSTRUMENT PANEL PERFORMANCE FEATURES



TACHOMETER REDLINE

The tachometer displays the engine speed in revolutions per minute (RPM). If the engine is operated with the RPMs in the red warning area at the high end of the tachometer, vehicle damage may occur. Do not operate the engine with the RPMs past the redline on the tachometer. The redline is lower when the engine is cold as well as during the first 500 mile break-in period.

VEHICLE MESSAGES

Messages displayed on the Driver Information Center (DIC) indicate the status of the vehicle. Some messages can be cleared by pressing the DIC thumbwheel control on the steering wheel; other messages that require immediate action cannot be cleared until that action is performed.

Refer to your Owner's Manual to learn about the information being relayed by the lights and gauges of the instrument cluster.

See Introduction in your Owner's Manual.

INSTRUMENT CLUSTER/DRIVER INFORMATION CENTER

The Driver Information Center (DIC) on the instrument cluster displays a variety of vehicle messages and system information. Use the controls on the right side of the steering wheel to view the main menus on the right side of the cluster:

Trip Computer – Display trip, fuel range and other info pages

Performance – View performance functions and vehicle operation status

Audio – Display media or radio stations; while displayed, use the DIC thumbwheel to seek stations

Maintenance – Display status of common maintenance items

Options – Change display information

Simplify – Display only basic information and hide info tiles and the DIC

DIC CONTROLS

- ▶ Press the < or > button to move between the display zones.
- ▶ Rotate the thumbwheel up or down to move through the menus.
- ▶ Press the thumbwheel to open a menu, or to select or reset an item.



INFO TILES

A number of different info tiles showing the operation of various systems can be selected for display on the left side of the instrument cluster. Four tiles are available with the Track display theme and two tiles are available with all other display themes.

1. Use the DIC controls to open the Options menu.
2. Scroll to Info Tiles. Press the thumbwheel to enter the menu.
3. Scroll through the available Info Tiles. Press the thumbwheel to select a tile. It will appear on the instrument cluster.



See Instruments and Controls in your Owner's Manual.

INSTRUMENT CLUSTER/DRIVER INFORMATION CENTER

TRIP COMPUTER

- Trip 1
- Trip 2
- Fuel Economy
- Trip Timer
- Current Drive Cycle



PERFORMANCE MENU

- 0-60 Acceleration – time recorded during acceleration to 60 MPH
- Lap Timer (Linked to Performance Data Recorder*) – record lap times
- Friction Circle – inertia being exerted on the vehicle



MAINTENANCE MENU

- Oil and Transmission Fluid Life
- Air Filter*
- Engine Life



OPTIONS MENU

- Display Design
- Info Tiles Selection
- Speed Warning
- Units
- Tire Pressure
- HUD Rotation



RECONFIGURABLE INSTRUMENT CLUSTER

The instrument cluster features 6 display configurations: Sport, Tour, Track, Weather, MyMode, and Z-Mode. The style of the instrument cluster will change depending on the display theme.

1. Use the DIC controls to open the Options menu.
2. Scroll to Display Design. Press the thumbwheel to enter the menu.
3. Scroll through the themes. Press the thumbwheel to select the desired theme.

Each configuration has preset information shown that is linked to the selected Driver Mode Control setting. Display other information using the Info Tiles Selection option.

See Instruments and Controls in your Owner's Manual.

HEAD-UP DISPLAY ♦ (HUD)

The Head-Up Display (HUD) projects some operating information on the windshield. Temporary information, such as audio selections and navigation maneuvers, will also be displayed. The HUD controls are located on the left side of the instrument panel.

▲ HUD HUD

Lift up or press down to adjust the position of the image. It cannot be adjusted side-to-side.

INFO

Press to select from 3 display views: Tour, Sport, or Track.

± ⚙ Brightness

Lift up or press down to brighten or dim the display. Hold down to turn off the display.

ROTATION OPTION

- ▶ To adjust the angle of the HUD, use the DIC controls to view Options > Head-Up Display Rotation and select Adjust Mode. Rotate the DIC thumbwheel up or down to adjust the angle. Select OK to save the setting.



See Instruments and Controls in your Owner's Manual.

ELECTRIC PARKING BRAKE

- ▶ To apply the parking brake, press the (P) **Parking Brake** switch on the left side of the instrument panel.
- ▶ To release the parking brake, turn on the ignition, press the brake pedal, and then press the (P) switch.

Note: The parking brake will release automatically if the vehicle is running, placed into gear, and an attempt is made to drive.



See Driving and Operating in your Owner's Manual.

DUAL CLUTCH TRANSMISSION

The Dual Clutch Transmission provides an extremely connected feel with very fast shift times for maximum performance. The transmission is electronically controlled using the shift switches located on the center console. The selected gear position illuminates in red on the shift switch.

Park – Press the P button to shift to Park.

Reverse – Pull the R switch to shift to Reverse.

Neutral – Press and hold the N button until the indicator is red to shift to Neutral.

Drive – Pull the D switch to shift to Drive.

MANUAL MODE

The Dual Clutch Transmission can be shifted manually using the paddles behind the steering wheel.

- ▶ With the transmission in Drive, press the Manual Mode (M) button to shift manually. Pull the left (-) steering wheel paddle to downshift and the right (+) steering wheel paddle to upshift. The current gear is displayed on the instrument cluster and HUD. The transmission will hold the current gear until a change is requested. Pull the Drive (D) switch to return to Drive.
- ▶ To engage temporary manual paddle shift, pull either the left (-) or right (+) steering wheel paddle with the transmission in Drive (D). The transmission will return to automatic shifting after approximately 6 seconds of cruising at steady speeds and without any manual shifts or by pulling and holding the right paddle for more than 1 second. Automatic shifting also will return when the vehicle stops.
- ▶ To downshift to the lowest gear possible for the current vehicle speed, pull and briefly hold the left (-) steering wheel paddle.

If vehicle speed is too fast or too slow for the requested gear, the shift will not occur.

DOUBLE PADDLE DECLUTCH

Double Paddle Declutch allows the vehicle to temporarily disconnect the engine from the wheels, similar to shifting to Neutral.

- ▶ Pull and hold both the left (-) and right (+) steering wheel paddles at the same time to activate Double Paddle Declutch. The gear position indicator on the center console will flash red and the gear position indicator on the instrument cluster will turn gray. Release both paddles to exit Double Paddle Declutch.



See Driving and Operating in your Owner's Manual.

DRIVER MODE CONTROL

The Driver Mode Control system can provide enhanced performance for different driving conditions by automatically adjusting the steering, throttle progression, shift mode, braking response, suspension[◆], traction control, engine sound, instrument cluster theme, and other calibrations (if equipped) in real time. The modes are displayed on the Driver Information Center.

- ▶ Rotate the Driver Mode Control knob on the center console to select the desired mode:

MyMode – Allows the engine sound, steering, suspension[◆], and braking response to be customized to your preference in everyday driving.

Weather – Use during slippery conditions to help control wheel speed.

Tour – Use in normal driving for balanced comfort and handling.

Sport – Use where road conditions or personal preference dictate a more performance-oriented response.

Track – Use when maximum vehicle performance is desired. Track mode is for closed race tracks.

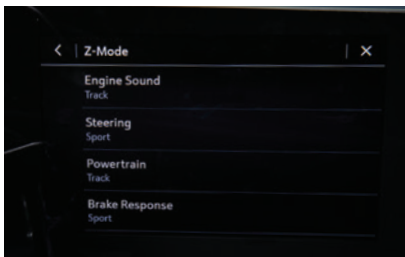
Z-Mode – Press the Z-Mode button on the steering wheel to activate customized engine sound, steering, suspension[◆], powertrain, and braking response settings for maximum handling.

The mode features vary. Not all vehicles have all features. Allow for a few seconds for the changes to be activated before the current mode is displayed.

DRIVER MODE CUSTOMIZATION

The MyMode and Z-Mode settings can be customized in the Settings menu on the infotainment screen.

- ▶ Go to Settings > Vehicle > MyMode or Z-Mode to change the engine sound, steering, suspension[◆], powertrain, and brake response settings.



See *Driving and Operating* in your Owner's Manual.

DRIVER MODE CONTROL

DRIVER MODE ATTRIBUTES

The multiple modes available through the Driver Mode Control change the settings of various vehicle sub-systems to optimize driving performance. The following chart is an overview of the Driver Mode attributes for each mode.

Modes	MyMode	Weather	Tour (default)	Sport	Track	Z-Mode
Cluster Display	Tour (default), Sport, Track, Weather	Weather	Tour	Sport	Track	Tour, Sport (default), Track, Weather
HUD Layout Display [◆]	Tour (default), Sport, Track, Weather	Tour	Tour	Sport	Track	Tour, Sport (default), Track, Weather
Informational Titles	Tour (default), Sport, Track, Weather	Weather	Tour	Sport	Track	Tour, Sport (default), Track, Weather
Powertrain	Normal	Weather	Normal	Sport	Track	Normal, Sport, Track (default), Weather
Throttle Progression	Normal	Weather	Normal	Normal	Track	Normal, Sport, Track (default), Weather
Transmission Shift Mode	Normal	Weather	Normal	Sport	Track	Normal, Sport, Track (default), Weather
Active Fuel Management	Enabled (In 4th–8th gear for mLSD vehicles)	Enabled (In 4th–8th gear for mLSD vehicles)	Enabled (In 4th–8th gear)	Enabled (In 5th–8th gear)	Disable	Tour, Sport, Track (default), Weather
Traction Control and ESC	Normal	Weather	Normal	Normal	Track	Normal
Competitive Driving Mode or PTM [◆] Availability	Unavailable	Unavailable	Unavailable	Competitive Driving Mode Available	PTM Available	PTM Available (if Powertrain setting is set to Track)
Engine Sound	Stealth, Tour (Default), Sport, Track [◆]	Stealth	Tour	Sport	Track	Stealth, Tour, Sport, Track (Default)
Steering	Tour (Default), Sport, Track	Tour	Tour	Sport	Track	Tour, Sport (Default), Track
Suspension [◆]	Tour (Default), Sport, Track	Tour	Tour	Sport	Track	Tour, Sport (Default), Track
Brake Response	Tour (Default), Sport, Track	Tour	Tour	Sport	Track	Tour, Sport (Default), Track




See Driving and Operating in your Owner's Manual.

HIGH-PERFORMANCE DRIVING FEATURES

High-performance driving features are for use at a closed racetrack and are not intended for public roads. It is the driver's responsibility to operate the vehicle in a safe manner. Read your Owner's Manual for important feature limitations and information.




TRACTION CONTROL/ELECTRONIC STABILITY CONTROL

The traction control system limits wheelspin and the StabiliTrak electronic stability control (ESC) system assists with directional control of the vehicle in difficult driving conditions. Both systems turn on automatically every time the vehicle is started.

- ▶ Press the  **Traction Control/ESC** button, located on the center console, once to turn off traction control.
- ▶ Press and hold the  button to turn off both traction control and ESC.
- ▶ Press the  button again to turn on traction control and ESC.

COMPETITIVE DRIVING MODE





Competitive Driving Mode allows full engine power while electronic stability control helps maintain directional control of the vehicle.

- ▶ When in Sport or Track mode, press the  **Traction Control/ESC** button twice to activate Competitive Driving Mode. The  Traction Control Off and  ESC Off lights will illuminate on the instrument cluster.
- ▶ Press the  **Traction Control/ESC** button again to turn off Competitive Driving Mode.



PERFORMANCE TRACTION MANAGEMENT (PTM)♦

PTM offers 5 modes of operation, all designed to provide consistent performance when cornering in a variety of track conditions.

- ▶ When in Track mode, press the  **Traction Control/ESC** button twice to activate PTM. The  Traction Control Off and  ESC Off lights will illuminate on the instrument cluster.
- ▶ Rotate the Driver Mode Control selector to scroll through each PTM mode on the instrument cluster.
- ▶ Press the  **Traction Control/ESC** button again to turn off PTM.



See Driving and Operating in your Owner's Manual.

HIGH-PERFORMANCE DRIVING FEATURES

PTM MODES[†]

PTM 1 – WET is for wet or damp conditions. ESC is on and engine power is reduced based on conditions.

PTM 2 – DRY is for dry conditions. ESC is on and engine power is slightly reduced.

PTM 3 – SPORT 1 is for dry conditions. ESC is on and additional engine power is available.

PTM 4 – SPORT 2 is for dry conditions. ESC is off and engine power is the same as PTM 3.

PTM 5 – RACE is for dry conditions. ESC is off and additional engine power is available for maximum cornering speed.

LAUNCH CONTROL

Launch Control, available when Competitive Driving Mode or PTM is selected, is a form of traction control that manages tire spin while launching the vehicle to help achieve high levels of acceleration in a straight line.

- ▶ With the vehicle not moving and the wheels pointed straight, press the brake pedal very firmly to the floor, rapidly press the accelerator pedal to wide open throttle, and then release the brake pedal while fully pressing the accelerator pedal.

The system initially limits engine speed and manages wheel slip.

See Driving and Operating in your Owner's Manual.

DRY SUMP OIL LEVEL INSPECTION

- ▶ To check the oil level, run the engine to operating temperature. With the engine running at idle, check the oil level on the dipstick located on top of the external oil tank.


Note: *Overfilling the oil tank may lead to an oil leak or engine damage.*

The oil and filter should be changed when indicated by the engine oil life system. A Change Engine Oil Soon message will be displayed on the Driver Information Center. Oil and filter change intervals are based on a combination of factors, including engine revolutions, temperature and miles driven. Reset the engine oil life system every time the oil is changed.



ENGINE COMPARTMENT ACCESS (CONVERTIBLE MODEL)[†]

To raise the tonneau cover to the service position:

1. With the vehicle in Park, press and release the **Lock** button on the Remote Keyless Entry (RKE) transmitter.
2. Immediately press and hold the  button on the RKE transmitter.

SERVICE COVERS

The Corvette has several service covers underhood and in the engine compartment that must be removed in order to access certain components. Make sure that all covers are properly secured after performing any service checks.

See Vehicle Care in your Owner's Manual.

HIGH-PERFORMANCE DRIVING FEATURES

TRANSMISSION FLUID

The Dual Clutch Transmission fluid and filter should be changed when indicated by the transmission fluid life system. A Change Transmission Fluid Soon message will be displayed on the Driver Information Center. Fluid and filter change intervals are based on a combination of factors, including temperature and miles driven. Fluid should be changed after every 24 hours of track use. Reset the transmission fluid life system every time the fluid is changed. The transmission filter also must be changed at the first oil change interval. Two extra liters of transmission fluid is recommended for track use.

RUN-FLAT TIRES

The run-flat tires eliminate the need for a spare tire. The tire design enables safe function during and after a loss of pressure for some distance at a moderate speed. Driving only a short distance with a loss of pressure increases the chance that the tire can be repaired. Contact Roadside Assistance for the nearest run-flat tire servicing facility.

SUMMER TIRES+

Your vehicle may be equipped with high-performance summer tires, which have a special tread and compound that are optimized for maximum dry and wet road performance. The special tread and compound of the tires will have decreased performance in cold climates and on ice and snow.


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

TIRE TEMPERATURE

The Tire Status page under the Performance menu on the Driver Information Center shows individual tire pressures and overall temperature as either Cold, Cool, Normal, Warm, or Hot. A Normal temperature is typical for normal driving and a Warm temperature is typical for aggressive driving.



TIRE PRESSURE MONITOR

The  Low Tire Pressure warning light on the instrument cluster illuminates when one or more of the vehicle's tires is significantly underinflated. Fill the tires to the proper tire pressures listed on the Tire and Loading Information label, located below the driver's door latch. Current tire pressures can be viewed on the Driver Information Center.

Note: Refer to your Owner's Manual for information about normal monthly tire maintenance.

TIRE FILL ALERT

With the ignition On or in Accessory mode, the Tire Fill Alert will provide visual and audible alerts when inflating a tire. When the recommended tire pressure is reached, the horn sounds and the turn signal changes from flashing to a solid light.

See Vehicle Care in your Owner's Manual.

HIGH-PERFORMANCE DRIVING FEATURES

ROAD VARIATIONS

The wide tires of the Corvette provide excellent grip and road feel; however, the wide design may be susceptible to grooves, wear patterns, and the crown on some roads.

BRAKE DUST

The high-performance brake materials and large size of the brakes may result in a fine dust coating the outer surface of the wheels. Wash the wheels with regular soap and water to remove the dust. Automatic car washes are not recommended.

See Vehicle Care in your Owner's Manual.

LOW GROUND CLEARANCE

FRONT LIFT SYSTEM⁺


The Front Lift System will lift the front of the vehicle when entering a driveway, driving over curbs or speed bumps, and pulling onto ramps or a trailer. The system features a two-position lift actuator that will hydraulically raise the front of the vehicle to provide approximately 2 inches of increased clearance in approximately 3 seconds. The system can be operated at speeds up to 24 MPH.


- ▶ Press the  **Front Lift System** button on the center console to raise or lower the vehicle.

Note: The Front Lift System will not raise the vehicle with the door, hood, or trunk open, and it will automatically lower the vehicle at speeds over 24 MPH or when the vehicle is turned off.

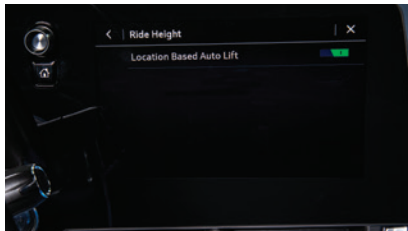
REMEMBER LOCATION

The front height can be raised automatically at up to 1,000 locations using GPS navigation.

- ▶ To turn the Location-Based Front Lift System on or off, go to Settings > Vehicle > Ride Height.
- ▶ To select a location, after the  Front Lift System button is pressed, select "Remember" on the Driver Information Center (DIC) by pressing the < button on the DIC controls.

After passing the programmed location, the vehicle will lower automatically when speed exceeds 24 mph or if the  button is pressed.

Note: Some Front Lift System pump noise is normal and may be heard during operation.



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 an exFAT formatted SD card, Class 10 required, 16 GB or larger recommended, into the card reader in the glove box.
2. Touch the PDR icon on the infotainment screen to access the menu.
3. Touch the Video Overlay button to select one of four video overlays.
4. With an overlay selected, touch the Start Recording button to begin recording.
5. Touch the Stop Recording button to stop the recording session.
6. Touch the Recordings button to view recorded sessions.



Video playback is not available while the vehicle is in motion.

VIDEO OVERLAYS

None – Displays only the video without any vehicle data.

Sport – Displays vehicle speed; engine RPM; transmission gear; lateral g-force; and event odometer.

Track – Displays vehicle speed; a GPS tracking map; engine RPM; transmission gear; lateral and longitudinal g-forces; brake and throttle; steering angle; active handling if activated; Performance Traction Management mode; current lap time; event odometer; and driving mode.

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 active handling if activated.

Available Cosworth Toolbox software enables recorded sessions to be transferred to a personal computer. Visit chevrolet.com for more information and to download the software.

RECORDING OPTIONS

Select the Settings tab to change the audio settings. Audio Recording allows audio to be recorded along with video.

The Automatic Recording – While in Valet Mode Only setting records video when in valet mode. Audio is not recorded.




See Infotainment System in your Owner's Manual.

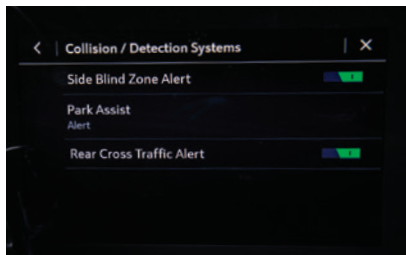
DRIVER ASSISTANCE FEATURES

Safety or driver assistance features are no substitute for the driver's responsibility to operate the vehicle in a safe manner. The driver should remain attentive to traffic, surroundings and road conditions at all times. Read your Owner's Manual for important feature limitations and information.

SIDE BLIND ZONE ALERT[†]

While driving, the system displays a  warning symbol on the left or right side mirror when a vehicle is detected in that side blind zone area. The symbol flashes if a turn signal is activated when a vehicle has been detected on the same side.

- ▶ To turn on or off, go to Settings > Vehicle > Collision/Detection Systems > Side Blind Zone Alert.



REAR CROSS TRAFFIC ALERT[†]

When in Reverse, the system warns of cross traffic approaching in either direction by displaying a red alert on the infotainment screen and sounding beeps on the side of the detected vehicle.

- ▶ To turn on or off, go to Settings > Vehicle > Collision/Detection Systems > Rear Cross Traffic Alert.

REAR PARK ASSIST

During low-speed parking maneuvers, the system provides “distance to closest object” information on the Driver Information Center and a beep sounds. When an object is very close, 5 beeps sound.


- ▶ To turn on or off, go to Settings > Vehicle > Collision/Detection Systems > Park Assist.

REAR VISION CAMERA

When the vehicle is in Reverse, a view of the area behind the vehicle displays on the infotainment screen. Vehicle speed must be below 8 mph.

CURB VIEW CAMERA[†]

The Curb View Camera displays a view of the area in front of the vehicle, including a top down image and left and right images, on the infotainment screen when the vehicle is shifted from Reverse to Drive. Vehicle speed must be below 8 mph. Camera view buttons are at the bottom of the screen.

- ▶ Press the  **Camera** button on the center console or touch the Camera icon on the infotainment screen to also activate the front cameras.



See Driving and Operating in your Owner's Manual.

DRIVER ASSISTANCE FEATURES

REAR CAMERA MIRROR⁺

The Rear Camera Mirror provides a wider, less obstructed field of view to assist when driving, changing lanes and checking traffic conditions.

A. On/Off

Pull or push the lever at the bottom of the mirror to turn the video display on or off.

B. Selection Control

Press and release the button to select the brightness, tilt or zoom feature.

C. < > Adjustment Controls

Press and release either button to adjust the feature setting.

Note: If there is glare from the sun or headlights, adjust the angle of the mirror.



See Keys, Doors and Windows in your Owner's Manual.

ADVANCED THEFT DETERRENT⁺

Theft-deterrent features may include an inclination sensor and intrusion sensor. These features are armed when the vehicle is locked using the Remote Keyless Entry transmitter, Keyless Access system, or an interior door lock button.

The inclination sensor can activate the alarm if it senses movement of the vehicle, such as a change in vehicle orientation.

The intrusion sensor monitors the vehicle interior and can activate the alarm if it senses an unauthorized entry into the vehicle's interior.

- ▶ To turn the systems on or off, press the  **Sensors Disable** button on the overhead console with the vehicle off.



See Driving and Operating in your Owner's Manual.

CAR WASH GUIDELINES

Automatic car washes are not recommended. They may cause damage to the vehicle, wheels, tires, ground effects and undercarriage. To preserve the vehicle's finish, hand-wash the vehicle while out of direct sunlight.

See Vehicle Care in your Owner's Manual.

TRACK EVENTS

High-performance features of your Corvette are intended for use only on closed tracks by experienced and qualified drivers.

Before participating in track events or competitive driving, it is recommended to follow all service procedures. Refer to your Owner's Manual for information about procedures that should be performed prior to each track event and before driving again on public roads.

See Driving and Operating in your Owner's Manual.

ROADSIDE ASSISTANCE

1-800-CHEV-USA (1-800-243-8872)

TTY Users: 1-888-889-2438

As the owner of a new Chevrolet, you are automatically enrolled in the Chevrolet Roadside Assistance program for up to 5 years/60,000 miles, whichever occurs first, at no expense to you. Chevrolet's Roadside Assistance toll-free number is staffed by a team of trained advisors who are available 24 hours a day, 365 days a year, to contact a service provider for light services (fuel delivery, jump-starts, flat tire and lock-outs) or make arrangements to tow your vehicle to the nearest Chevrolet dealer for any repairs.

ONSTAR® ROADSIDE ASSISTANCE

If you have a current OnStar Safety & Security Plan, push the blue **OnStar** button or red **Emergency** button to get the help you need. An OnStar advisor will use GPS technology to pinpoint your vehicle location and contact the nearest service provider.

To learn more about OnStar services, press the blue **OnStar** button, visit **onstar.com**, call 1-888-4-ONSTAR (1-888-466-7827), or refer to your Owner's Manual.

We recommend always using ACDelco or GM Genuine Parts.

Certain restrictions, precautions and safety procedures apply to your vehicle. Please read your Owner's Manual for complete instructions. All information contained in this guide is based on the latest information available at the time of printing and is subject to change without notice. Copyright 2019 General Motors. All rights reserved.



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GENERAL MOTORS

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