



THE SEVENTH-GENERATION  
CORVETTE HAS ARRIVED

# THE 2014 CHEVROLET CORVETTE STINGRAY

It's the sports car that comes along every decade or so, and brings with it unprecedented innovation, provocative design, advancements in engineering, revolutionary development processes and intelligent technologies that break the paradigm. With years of experience, the time has come to unleash an all-new, world-challenging seventh version for a new sports car generation.

Introducing the 2014 Corvette Stingray.  
Nothing will be the same.



2014 CHEVROLET CORVETTE STINGRAY SALES GUIDE

GM CONFIDENTIAL. FOR SALESPERSON USE ONLY.  
Vehicle shown with available Z51 Performance Package.  
Preproduction model shown. Actual production model may vary.

01/14/2013

# FAST FACTS

## *The Next Generation*

- The all-new 2014 Corvette represents such a dramatic change that it deserved a new name – Stingray
- Corvette Stingray is designed and engineered for the new sports car generation and leverages all-new advancements in lightweight materials, electronics and engineering
- Corvette Stingray will deliver the fastest 0–60 acceleration, the most cornering grip, the most track capability, the best braking performance and the best fuel economy ever for a standard Corvette
- Corvette Stingray incorporates technologies and aerodynamics transferred from the track and the Corvette C6.R racing program
- Corvette Stingray offers three trim levels – 1LT, 2LT and 3LT – for easy ordering

## *Exterior*

- Corvette Stingray has an all-new exterior design that's technical, functional, sophisticated and elegant – and instantly recognizable as a Corvette
- Corvette Stingray offers new state-of-the-art HID Xenon (low and high beam) and LED lighting (DRL/park/turn)
- Corvette Stingray incorporates race-proven aerodynamics for improved high-speed stability
- Every square inch of the Corvette Stingray exterior is designed for performance – all five air vents are highly functional and contribute to cooling or reduced lift

## *Interior*

- Corvette Stingray has a completely new, richly appointed interior design that's driver-centric with real carbon-fiber, aluminum and hand-wrapped leather materials, custom amenities and two new seating options with magnesium frames for exceptional support
- Corvette Stingray provides a smaller 360mm steering wheel (unique to Corvette) for optimal feel during performance driving
- Corvette Stingray includes an advanced, tablet-inspired Chevrolet MyLink® infotainment system with two 8-inch display screens
- Corvette Stingray has a highly customizable instrument cluster and available Head-Up Display in color

## *Driving Experience*

- Corvette Stingray is powered by a new LT1 small block 6.2-liter V8 engine that offers advanced technologies that include Direct Injection, Active Fuel Management™ and Continuously Variable Valve Timing
- Corvette Stingray has been designed with technologies that optimize any driving situation, including a Driver Mode Selector, Launch Control and 7-speed manual transmission with industry-unique Active Rev Matching
- Corvette Stingray is the most powerful standard Corvette ever with a GM-estimated 450 horsepower and 450 lb.-ft. of torque (final numbers will be released closer to start of production)
- Corvette Stingray will be the most fuel-efficient car on the market to offer 450 horsepower and achieve 0-60 mph in under 4 seconds (GM estimates)
- Corvette Stingray will achieve more than 1 g in cornering grip
- Corvette Stingray utilizes an all-new aluminum frame structure that's lighter and stronger than the previous steel frame
- Corvette Stingray will deliver a perfect 50/50 weight distribution



# A NEW CORVETTE STATEMENT



Vehicle shown with available Z51 Performance Package. Preproduction model shown. Actual production model may vary.

The newly designed Corvette Stingray reflects high-speed stability and efficiency. It's a prestigious statement of technology, functionality and driving mastery – and still instantly recognizable as the sports car innovator in the global automotive landscape.

## STINGRAY

Stingray is a historical Corvette name, reborn for the seventh generation. The name is a reference to the design of the sports car. All surfaces transition very smoothly, allowing air to flow at very high speeds (similar to how a Stingray flows through the water). Stingray badging on the front fenders gives this next-generation Corvette its own identifying characteristic.

## AERODYNAMICS

Corvette Stingray incorporates race-proven aerodynamics and is one of the most wind tunnel-tested cars ever from Chevrolet. Racing data was used to help determine optimal downforce balance at high speeds for stability.

## CROSSED FLAGS

The next-generation Corvette crossed flags are all new and contain a look with more drama and speed.

## FRONT END

From the front, the Corvette Stingray projects a very high-tech appearance with standard HID Xenon low and high beam headlamps and the addition of high-end frosted indirect LED Daytime Running Lamps (park and turn) that will be the signature lights. New finishes around the lamps and the grille contribute to a very dramatic and aggressive front look.

## SIDE PROFILE

A side view of Corvette Stingray showcases a sleek, sculpted profile and a new “upper look” with rear quarter glass. There are also 18-inch front and 19-inch rear wheels with Michelin® Pilot® Super Sport® ZP tires<sup>1</sup> (ultra-high-performance tires that were co-developed by Michelin and Corvette through a relationship that began on the racetracks of the American LeMans Series). An available Z51 Performance Package provides 19-inch front and 20-inch rear wheels.

<sup>1</sup> See Owner's Manual for recommended winter tires.



## REAR DESIGN

The rear of Corvette Stingray contains a two-piece fascia with a lower portion integrated rear diffuser in Carbon Flash Metallic and upper portion in body-color. There are also larger exhaust tips and a redesigned LED center high-mounted stoplamp (CHMSL) integrated into a rear spoiler that's designed to catch air and hold the car down during high-performance driving. A new, unique four-element taillamp design incorporates state-of-the-art re-directive, reflective LEDs.

## REMOVABLE ROOF PANEL – STANDARD

A removable roof panel manufactured from carbon fiber (in the corresponding body-color) will be standard on Corvette Stingray and includes a three-latch system for easy removal. This panel is also lightweight and easier to remove and store. Transparent and clear-coated carbon-fiber with body-color surround roof panels are available.

## FUNCTIONAL EXTERIOR VENTS

The exterior of Corvette Stingray has been designed for performance and contains five highly functional air vents that contribute to cooling or reduced lift. These include an all-new hood extractor, two front fender vents, a trans-oil cooler (rear) and differential cooler (rear). All vents are painted in Carbon Flash Metallic.

## EXTERIOR COLORS

Corvette Stingray will be offered in Arctic White, Black, Blade Silver, Crystal Red<sup>2</sup>, Cyber Gray, Laguna Blue<sup>2</sup>, Lime Rock Green, Night Race Blue, Torch Red and Velocity Yellow<sup>2</sup>. Some colors will carry an extra cost.

<sup>2</sup> Extra cost.



Vehicle shown with available Z51 Performance Package. Preproduction model shown. Actual production model may vary.



# DESIGNED FOR THE DRIVE

The all-new interior of Corvette Stingray is a driver-centric environment designed to provide a deeper enjoyment on the road or track. Modern technologies guide you while premium materials throughout reflect a heightened sense of sophistication and confidence.

## ALL-NEW INTERIOR THEME

A driver-oriented cockpit, new seating options, new consoles and instrumentation, two 8-inch display screens, steering wheel and seats give Corvette Stingray a totally new experience for the seventh generation.

## LOOK AND FEEL

Hand-wrapped and -stitched instrument panel and door inserts provide a hand-built and highly customized feel. The use of real carbon-fiber, available micro-suede, real aluminum and hand-wrapped leather materials adds to the highly prestigious atmosphere.

## SEATS

The seating inside Corvette Stingray has been completely redesigned and utilizes an all-new structure with lightweight magnesium seat frames. Improvements have been made to the bolstering, the fit and the performance hold. Two options will be available – a standard GT seat that's designed for all-around comfort and support, and an available Competition Sport seat (late availability) for more aggressive support on the track. Both seats offer available power lumbar, wing adjust, heating and cooling.



## STEERING WHEEL

This exclusive steering wheel design will be unique to Corvette Stingray and offers dynamic impact and driving feel (with a smaller 360-millimeter or 14.1-inch diameter). The steering wheel also incorporates paddle shifters that have been benchmarked for feel with the best performance cars in the world.





## RECONFIGURABLE INSTRUMENT CLUSTER AND AVAILABLE COLOR HEAD-UP DISPLAY

The instrument cluster inside Corvette Stingray is an 8-inch color screen with auxiliary analog gauges. There's also an available color Head-Up Display. Both are reconfigurable and allow the driver to choose from three different customization options – Touring, Sport and Track. The tachometer includes shift lights for high-performance driving. The instrument cluster changes with the Driver Mode selected.

## PASSENGER GRAB HANDLE

Corvette Stingray includes a passenger grab handle that makes it much easier to enjoy the performance from the passenger seat.

## SEPARATE FRONT PASSENGER CLIMATE CONTROLS

The passenger in Corvette Stingray has a dedicated, stand-alone HVAC controller and display. This design was incorporated to give the driver a more “pure” environment.

## FRAMELESS REARVIEW MIRROR

This frameless mirror has been purposely shaped to help improve the driver's vision inside Corvette Stingray.

## FLOOR-MOUNTED ACCELERATOR PEDAL

Corvette Stingray will incorporate a floor-mounted accelerator pedal for improved driver feel.

## AVAILABLE PERSONALIZED PLAQUE

The available personalized plaque allows customers to proudly display their VIN and name on the console of Corvette Stingray (located in front of the shifter and below the climate controls).

## CHEVROLET MYLINK

Corvette Stingray will incorporate the simple, flexible, yet extremely powerful Chevrolet MyLink<sup>3</sup> system that can fully integrate information from several Bluetooth<sup>®4</sup>-enabled mobile devices, USB ports, SD cards, MP3 players and an audio input jack. An 8-inch LCD central display touch-screen (that lowers for device storage with USB port inside) provides access to third-party music services such as Pandora<sup>®</sup> and allows for easy, undistracted access to a broad range of functions – including many enhanced OnStar<sup>®5</sup> features and 3-D navigation.

## AVAILABLE PREMIUM BOSE<sup>®</sup> AUDIO SYSTEM

Corvette Stingray offers an available 10-speaker premium audio system that includes a bass box and two subwoofers optimized for excellent sound quality. A 9-speaker Bose<sup>®</sup> audio system is standard.

## INTERIOR COLORS

Interior colors available on Corvette Stingray include Jet Black, Adrenaline Red, Kalahari, Gray and Brownstone.

<sup>3</sup> MyLink functionality varies by model. Full functionality requires compatible Bluetooth and smartphone, and USB connectivity for some devices.

<sup>4</sup> Go to [gm.com/bluetooth.com](http://gm.com/bluetooth.com) to find out which phones are compatible with the vehicle.

<sup>5</sup> Visit [onstar.com](http://onstar.com) for coverage map, details and system limitations. Services vary by model and conditions. OnStar acts as a link to existing emergency service providers.



# EXPERIENCE THE NEXT LEVEL

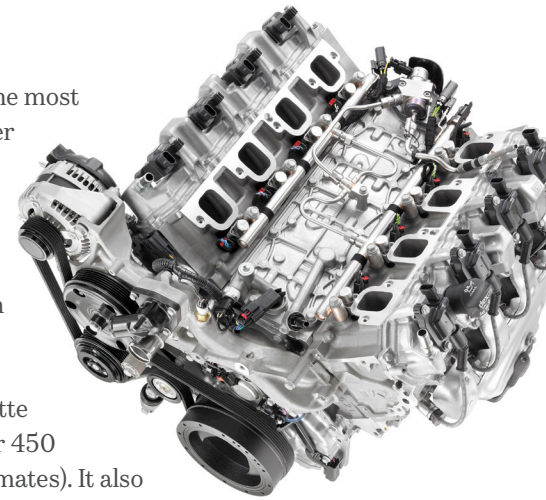
The seventh-generation Corvette has been revamped to enhance your driving skills and take you places you never thought possible. Advancements in engineering, world-class technologies and Corvette Racing influenced features all combine to help you master any road or situation you desire.

## ALL-NEW CUTTING-EDGE FRAMEWORK

Corvette Stingray utilizes an all-aluminum frame assembly that's 99 pounds (45 kilograms) lighter and 57 percent stiffer than the previous Corvette frame. Numerous chassis components have been updated and advanced to help increase performance characteristics and adjust to different driving conditions. Drivers will have a solid feel and experience no extraneous motion around the sports car when traveling down the road or around a track.

## NEW LT1 SMALL BLOCK V8 ENGINE

A race-proven 6.2L V8 will power Corvette Stingray, making it the most powerful standard Corvette ever (GM-estimated 450 horsepower and 450 lb.-ft. of torque), the quickest standard Corvette ever (estimated 0-60 mph of less than 4 seconds) and the most fuel-efficient Corvette ever (estimated by GM to exceed the 2013 EPA-estimated 26 MPG highway.) This technological powerhouse integrates a suite of advanced technologies that can only be found in a handful of engines around the world – Direct Injection, Active Fuel Management™ and Continuously Variable Valve Timing to support an advanced combustion system. Corvette Stingray will be the most fuel-efficient car on the market to offer 450 horsepower and achieve 0-60 mph in under 4 seconds (GM estimates). It also provides more torque than Porsche 911 (325 lb.-ft.) and Ferrari 458 (398 lb.-ft.)



## 7-SPEED MANUAL TRANSMISSION WITH ACTIVE REV MATCHING

The LT1 engine of Corvette Stingray is mated to a new 7-speed manual transmission that offers improved performance and fuel economy. It's also equipped with Active Rev Matching, a feature that provides smooth shifting by using throttle "blips." In most manuals, a smooth downshift requires a "blip" of the throttle to match the engine rpm with the speed of the lower gear. Shifting during braking requires the one-foot, two-pedal technique known as heel-and-toeing – your right foot "blips" the throttle while at the same time pushing the brake pedal. With Active Rev Matching, there is no need to perform these techniques during upshifts or downshifts. The result is increased enthusiasm and confidence during performance driving. Active Rev Matching can be toggled on and off using the steering wheel paddles.

## ELECTRIC POWER STEERING

The electric power steering system on Corvette Stingray provides the best steering feel for all driving situations. It incorporates "smooth road shake prevention" that can sense when the driver is experiencing "excitation" and prevents that force from transmitting back through the wheel (known as steering wheel shake). The system also prevents steering pull and increases or decreases the amount of assist needed depending on the steering wheel angle – all seamlessly for the driver.





## POWER TILT AND TELESCOPING STEERING COLUMN

Corvette Stingray will incorporate a standard four-way power tilt and telescoping steering column. This switch-operated system easily helps the driver find the right level of driving comfort (many competitors offer only a manual system.) The steering wheel will be unique to Corvette Stingray and offer a dynamic impact and driving feel (with a 360-millimeter diameter).

## DRIVER MODE SELECTOR

The new five-position Driver Mode Selector allows drivers to quickly and easily adjust the performance abilities of Corvette Stingray. The primary control near the shifter on the console makes the system easy to use and understand. The selector controls up to 12 performance variables that would be too difficult to control with conventional buttons, levers or screen menus, including: Gauge cluster configuration, Electronic Throttle Control, paddle-shift automatic transmission, Active Fuel Management, exhaust, electronic limited slip differential, steering effort or feel, Magnetic Ride Control, launch control, active handling, traction control and Performance Traction Management. Each Driver Mode is optimized for a particular driving condition:

- Weather Mode for rain and snow
- Eco Mode to optimize fuel economy
- Tour Mode for normal comfort driving
- Sport Mode for spirited driving
- Track Mode for track use

## ELECTRONIC LIMITED SLIP DIFFERENTIAL (ELSD)

The Electronic Limited Slip Differential (ELSD) is included with the Z51 Performance Package and helps the driver optimize the torque split between the wheels in all situations. On the track, the system can sense when you have wheel slip and automatically prepare the real axle for corner entry. ELSD works to keep Corvette Stingray in the right driving line whether it's on a track, a road or a wet surface.

## BREMBO® BRAKES

Brembo brakes, with four-piston calipers at all four corners, help optimize braking force. On the track, drivers will experience less fade, improved modulation and reduced drag.

## Z51 PERFORMANCE PACKAGE

The Z51 Performance Package will be offered as the top performance Stingray. This package includes larger 19-inch front and 20-inch rear wheels, dry sump oil system, ELSD, larger front brakes (13.6 inch vs. 12.6 inch) with black calipers, specific shocks, springs and stabilizer bars, differential and transmission cooling, as well as a unique Aero Package that reduces lift for high-speed stability. Magnetic Selective Ride Control and Performance Traction Management are available. In addition, the Michelin Pilot® Super Sport® ZP tires<sup>6</sup> on the Z51 Performance Package are unique and aggressively tuned to provide outstanding handling, grip and road-holding capability.

## AVAILABLE MAGNETIC SELECTIVE RIDE CONTROL

Corvette Stingray will incorporate the world's fastest-acting suspension with available Generation 3 Magnetic Selective Ride Control. This real-time damping system delivers precise body motion control, "reading" the road every millisecond and changes damping in just 10-15 milliseconds.

<sup>6</sup> See Owner's Manual for recommended winter tires.





## STANDARD AND AVAILABLE FEATURES

TRIM LEVEL	1LT	2LT	3LT
7-Speed Manual Transmission w/Active Rev Matching	S	S	S
8-Inch Color Touch-Screen with Chevrolet MyLink	S	S	S
8-Way Power Seats	S	S	S
ABS	S	S	S
Active Handling	S	S	S
AM/FM/SIRIUSXM® MP3 RDS Audio with USB/SD card input and input jack	S	S	S
Bluetooth® for Phone and Audio	S	S	S
Capless Fueling	S	S	S
Color Cluster Display	S	S	S
Cruise Control	S	S	S
Driver Mode Selector Switch and Valet Mode	S	S	S
Daytime Running Lamps (DRLs)	S	S	S
Dual Power Remote Heated Sport Mirrors	S	S	S
Dual-Zone Electronic Climate Control	S	S	S
Floor Mats	S	S	S
HID Xenon Lighting	S	S	S
Electric Locking Glove Box	S	S	S
Keyless Access w/Push Button Start	S	S	S
Launch Control	S	S	S
Leather-Wrapped Steering Wheel	S	S	S
Moulán Leather GT Seats	S	S	S
OnStar® <sup>7</sup>	S	S	S
Power Four-Way Telescoping Steering Column	S	S	S
Power Windows (Auto Up/Down)	S	S	S
Rearview Backup Camera	S	S	S
Removable Roof Panel, Body-Color Carbon-Fiber	S	S	S
Run Flat Tires <sup>8</sup> (and Tire Pressure Monitor)	S	S	S
Side Air Bags <sup>9</sup>	S	S	S
Steering Wheel Controls	S	S	S
Traction Control	S	S	S
Visors with Illuminated Mirrors	S	S	S
Wheels – Silver-Painted	S	S	S
Advanced Theft-Deterrent System	–	S	S
Auto-Dimming Mirrors	–	S	S
Head-Up Display (Color)	–	S	S
Heated and Vented Seats	–	S	S
Luggage Shade and Net	–	S	S
Memory Package	–	S	S
Performance Leather GT Seats w/Lumbar/Wing Adjust	–	S	S
Premium Bose® Audio – Centerpoint® Surround (10 Speakers)	–	S	S
Seat Crossed Flags Logo Badge	–	S	S
Universal Home Remote	–	S	S
Custom Leather-Wrapped IP/Doors/Console	–	–	S
Napa Leather GT Seats	–	–	S
Navigation	A	A	S

S = Standard, A = Available

<sup>7</sup> Visit onstar.com for coverage map, details and system limitations. Services vary by model and conditions. OnStar acts as a link to existing emergency service providers.<sup>8</sup> These performance tires operate in temperatures above 40°F. If you plan on operating below 40°F, we recommend an all-season tire.<sup>9</sup> Always use safety belts and child restraints. See owner's manual for more information.



## PACKAGES

TRIM LEVEL	1LT	2LT	3LT
Z51 Performance Package (larger wheels/tires/brakes/enhanced coding/eLSD/dry sump oil system/performance gear ratios/performance suspension)	A	A	A
Two Top Package (Base and Transparent)	A	A	A
Two Top Package 2 (Visible Carbon-Fiber and Transparent)	–	A	A
Carbon-Fiber Interior Package	–	A	A
Custom Suede-Wrapped Upper Interior Trim Package (3LT only)	–	–	A

S = Standard, A = Available

## AVAILABLE EQUIPMENT

TRIM LEVEL	1LT	2LT	3LT
6-Speed Paddle Shift Automatic w/Remote Start	A	A	A
Battery Protection Package	A	A	A
Carbon Flash Painted Spoiler and Mirrors (requires Z51 Performance Package)	A	A	A
Custom Brake Caliper Paint Options	A	A	A
Custom Luggage – Dealer-Installed Accessory	A	A	A
Front License Plate Mounting Package	A	A	A
Magnetic Selective Ride Control (requires Z51 Performance Package, includes Performance Traction Management)	A	A	A
Museum Delivery	A	A	A
Navigation	A	A	S
Personalized Plaque	A	A	A
Roof – Transparent Roof Panel	A	A	A
Roof – Visible Carbon-Fiber Roof w/Body-Color Surround	–	A	A
Seats – Competition Sport (late availability)	A	A	A
Seats – Suede Inserts	–	A	A
Tint-Coat Paint or Premium Paint	A	A	A
Variable Tuned Performance Exhaust	A	A	A
Wheels – Black Z51 (requires Z51 Performance Package)	A	A	A
Wheels – Chrome Z51 (requires Z51 Performance Package)	A	A	A
Wheels – Machine Face	A	A	A
Wheels – Chrome	A	A	A

S = Standard, A = Available





## OVERVIEW

Model:	2014 Chevrolet Corvette Stingray	
Body styles/driveline:	2-door hatchback coupe with removable roof panel; rear-wheel drive	
Construction:	composite and carbon-fiber body panels, hydroformed aluminum frame with aluminum and magnesium structural and chassis components	
Manufacturing location:	Bowling Green, Kentucky	
<b>ENGINE</b>	LT1 6.2L V8	
Displacement (cu in/cc):	376/6162	
Bore & stroke (in/mm):	4.06 x 3.62/103.25 x 92	
Block material:	cast aluminum	
Cylinder head material:	cast aluminum	
Valvetrain:	overhead valve, two valves per cylinder	
Fuel delivery:	direct injection	
Compression ratio:	11.5:1	
Horsepower/kW:	450/335 (est.)	
Torque (lb.-ft./Nm):	450/610 (est.)	

## TRANSMISSIONS

Type:	seven-speed manual with Active Rev Matching	six-speed paddle-shift automatic
-------	---------------------------------------------	----------------------------------

## CHASSIS/SUSPENSION

Front:	short/long arm (SLA) double wishbone, cast aluminum upper and lower control arms, transverse-mounted composite leaf spring, monotube shock absorber	
Rear:	short/long arm (SLA) double wishbone, cast aluminum upper and lower control arms, transverse-mounted composite leaf spring, monotube shock absorber	
Active handling:	Magnetic Selective Ride Control (available with Z51)	
Traction control:	StabiliTrak®, electronic stability control	

## BRAKES

Type:	front and rear power-assisted discs with four-piston fixed front and rear calipers (slotted rotors with Z51)	
Rotor diameter (in/mm):	front: 12.6/320 (13.6/345 with Z51) rear: 13.3/338	

## WHEELS/TIRES

Wheel size:	front: 18-inch x 8.5-inch (w/o Z51) rear: 19-inch x 10-inch (w/o Z51) front: 19-inch x 8.5-inch (with Z51) rear: 20-inch x 10-inch (with Z51)	
Tires:	Michelin® Pilot® Super Sport <sup>10</sup> run flat front: P245/40R18 (w/o Z51) rear: P285/35R19 (w/o Z51) front: P245/35R19 (with Z51) rear: P285/30R20 (with Z51)	

## EXTERIOR DIMENSIONS

Wheelbase (in/mm):	106.7/2710	
Overall length (in/mm):	176.9/4492	
Overall width (in/mm):	73.9/1877	
Overall height (in/mm):	48.8/1239	
Weight distribution (% front/rear):	50/50	

<sup>10</sup> See Owner's Manual for recommended winter tires.

