

CALLAWAY CORVETTE



2014 The Chevrolet team has introduced the most sophisticated, most feature-packed Corvette to date. Direct fuel injection, continuously variable valve timing and advanced engine management control architecture are just some of the techniques that have been incorporated for 2014. The new features helped allow Callaway engineers to produce breathtaking horsepower and torque, with flawless transition into and out of positive manifold pressure. Fuel economy is practically unchanged from stock as active fuel management and modulated supercharger inlet valving monitor driving conditions and respond accordingly.

New Callaway Corvette Features:

- Supercharger extends through hood, providing additional heat transfer capability for more power.
- Innovative triple-element intercooler system outperforms single and dual intercooled systems for cooler, denser intake charge.
- Single acoustic chamber muffler design is engineered for minimum restriction and great sound.
- Callaway Corvettes are available at Callaway Authorized Dealers now.

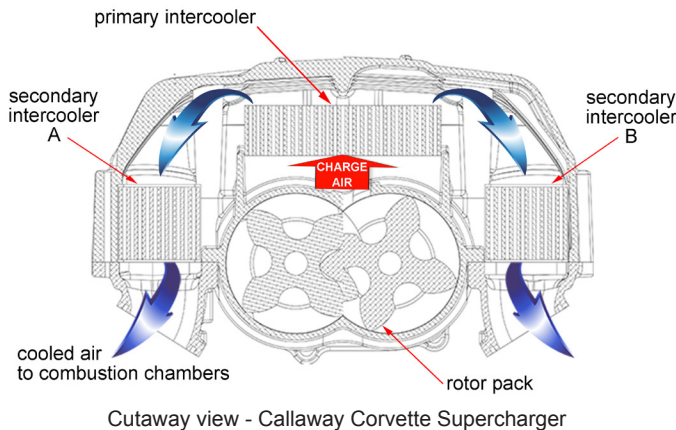
The heart of the 2014 Callaway Corvette package is Callaway's third-generation supercharger design. Entirely new, Callaway engineers developed a supercharger housing and integrated intake manifold to improve airflow quality and increase charge air cooling capability. Intake manifold runner cross-section and length were tuned for a broad torque band while maintaining excellent peak horsepower. Eaton's 2300cc TVS rotor pack was selected for its high thermal efficiency, OEM-certified quality, and service-proven reliability. A new triple-element intercooler configuration provides significantly lower inlet charge air temperatures than possible with single and dual element designs. Because of the added volume of the new internals, the supercharger housing itself extends through the hood. Consequently, both conductive and convective heat transfer mechanisms are utilized to remove power-robbing heat from the inlet charge.

To illustrate the improved efficiency of the Callaway intercooling design, inlet air temperature increased by less than 10°F during repeated dynamometer runs, compared to increases of at least 35°F with other intercooler designs. That means more consistent performance at the track and dragstrip, as well as increased power on the street during summer months.

To prevent drive belt slippage, a new 10-rib pulley system has been incorporated. In fact, certain new technical features are significant enough that utility and design aspects of this system are patent pending with the US Patent and Trademark Office.

Borrowing concepts from Callaway C12 race car exhaust design, the new Callaway Corvette exhaust system replaces the two OEM mufflers with a unitized acoustic chamber. The result is minimized exhaust gas restriction for maximum power with a deep, muscular tone. Callaway's signature Double-D tips are larger for 2014 and attach directly to the chamber.

In contrast with one-off "tuner" cars, all Callaways are assembled to precise engineering specifications by our expert technicians. That's one reason why Callaway can provide the most comprehensive standard warranty among all specialty manufacturers, and an optional 5 year/100,000 mile Extended Powertrain Service Contract. It's also why organizations like NADA include Callaway as its own marque in their price guides. Like all Callaway cars and trucks, Callaway Corvettes are sold by a select group of Authorized Callaway/Chevrolet Dealers, the best dealers in the business.



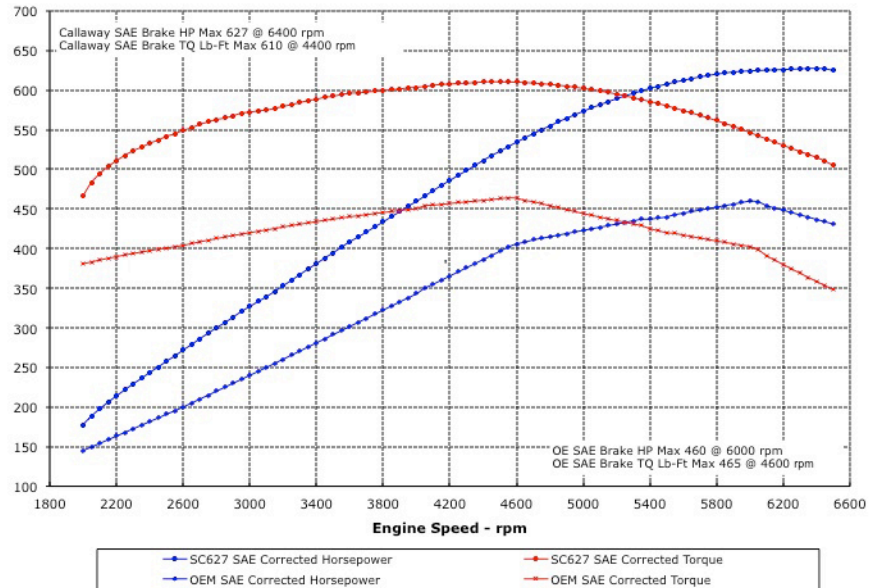
PERFORMANCE SPECIFICATIONS

	2014 Callaway Corvette
Engine Displacement	6.2L (376 cid)
Maximum Power	627 hp @ 6400 rpm
Maximum Torque	610 lb-ft @ 4400 rpm
Transmission	7 speed manual, 6 speed automatic



CALLAWAY CARS INCORPORATED
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2014 Dynamometer Test Data - Full Load Test
 6.2L Original Equipment vs. 6.2L w/Callaway SC627 Package
 SuperFlow Engine Dyno
 Callaway Advanced Technology - Printed on June 24, 2014 - COMPANY CONFIDENTIAL



STANDARD AND OPTIONAL EQUIPMENT		
	STD	OPT
Callaway Supercharger System (pat. pend.)	•	
Triple-element Intercooler System	•	
Supercharger Surround Hood Trim Ring	•	
Callaway High Flow Intake System	•	
Callaway Low Restriction Exhaust System	•	
Callaway Door Sill Panels	•	
Callaway Exterior and Interior Badging	•	
Callaway Underhood Build Plaque	•	
Callaway Key Fob	•	
Callaway Authenticity Documentation Package	•	
3 Year/36,000 Mile Limited Warranty	•	
5 Year/100,000 Mile Powertrain Service Contract		•
National Corvette Museum Delivery		•
Callaway Factory Delivery		•
Other Optional Equipment to be announced.		

