

## Callaway Cars 2007

### Specifications for the Callaway C16

#### **Engine**

- 560 bhp (SAE) Supercharged 6.0 liter (366 cu.in.) V8, 90°, cast aluminum block and heads; 6-bolt cross-bolted main caps; nodular iron crankshaft.
- Optional 616 bhp Performance Package also available.
- Supercharger: Eaton/Magnuson Roots-style; with air/liquid intercooler integral to intake manifold. 44" Hg manifold pressure, absolute. (7 psig)
- Bore x Stroke: 4.000 x 3.622 inches
- Compression ratio: 10.4:1
- Horsepower (SAE):
  - Standard - 560 bhp @ 6,200 rpm
  - Optional - 616 bhp @ 6,200 rpm
- Torque (SAE):
  - Standard - 529 lb-ft @ 4,750 rpm
  - Optional - 582 lb-ft @ 4,750 rpm
- Redline: 6,500 rpm
- Fuel system: Increased flow (42 lb/hr) fuel injectors; auxiliary fuel pump controller
- Ignition system: coil per cylinder; Callaway UHC-8 sleeved silicone ignition wires
- Throttle body: 90mm diameter, drive-by-wire
- Optional 616 HP Performance Package includes:
  - CNC-machined LS2 cylinder heads with Callaway proprietary port and combustion chamber configuration
  - Intake valves: 2.020-inch diameter; stainless steel
  - Exhaust valves: 1.570-inch diameter; stainless steel
  - Valvetrain: investment cast 1.85:1 ratio rocker arms, 17-4PH stainless steel; chromemoly pushrods

## **Suspension**

- Standard - Corvette Z51 suspension system
  - forged aluminum, unequal length, upper and lower control arms, front and rear
- Optional - Callaway/Eibach Multi-Pro coil-over suspension
  - double adjustable dampers with external reservoirs
  - 10-position, independent compression and rebound damping
  - companion helper and tender springs supplementing composite leaf springs
  - stainless steel/Teflon braided reservoir lines
  - Callaway anti-roll bars, tubular steel, front and rear

## **Steering**

- speed sensitive, magnetic power-assisted, variable-effort rack-and-pinion
- standard power steering fluid cooler
- Turning Circle: 39.0 feet (lock-to-lock)

## **Wheels & Tires**

- Standard -
  - Front: 18 x 9.5 aluminum rims; 275/35ZR18 extended mobility tires
  - Rear: 19 x 12 aluminum rims; 325/30ZR19 extended mobility tires
- Optional -
  - Front: 19 x 10 Callaway/Dymag forged magnesium/carbon fiber rims; 295/30ZR19 Yokohama “Advan Sport” performance tires
  - Rear: 20 x 12 Callaway/Dymag forged magnesium/carbon fiber rims; 345/25ZR20 Yokohama “Advan Sport” performance tires

## **Brakes**

- Standard -
  - Corvette Z51 4-piston calipers with 339 x 32 mm rotors front, 329 x 26 mm rear rotors

- Optional -
  - Callaway 6-piston (front) and 4-piston (rear) calipers with 355 x 32 mm rotors (front & rear)

## Dimensions

- Wheelbase: 105.7 inches (268.5 cm)
- Track: front - 62.7 inches (159.3 cm); rear - 61.9 inches (157.2 cm)
- Height: 48.1 inches (122.2 cm)
- Length: 181.4 inches (410.0 cm)
- Width: 72.6 inches, without mirrors (184.4 cm)
- Curb weight: 3,375 pounds, w/1/2 fuel, carbon wheels, LeMans brakes (1,530.9 kg)
- Fuel capacity: 18 gallons (68.1L)

## Fuel Economy

- City/Highway:
  - 18/28 mpg w/manual transmission
  - 17/27 mpg w/automatic transmission (est.)

## Warranty

Vehicle/Powertrain: GM vehicle and powertrain warranties apply with supplemental 5 year/100,000 mile warranty on Callaway powertrain components; Callaway 3 year/36,000 mile "bumper-to-bumper" warranty (on non-powertrain related components). Callaway warranty also covers any GM engine parts compromised by failure of Callaway components.

## Performance

Coupe with optional 616 hp Performance Package:

	<u>manual trans.</u>	<u>automatic trans.</u>
○ 0-60 mph	3.3 sec.	3.5 sec
○ 1/4 mile	10.97@129 mph	11.22@123mph
○ top speed	206 mph	200 mph (est.)
○ lateral acceleration	1.05 g	

- stopping distance, from 80 mph 195 ft

Callaway Cars reserves the right to change product specifications and availability without notice.