

2014 FORD SHELBY GT500 TECHNICAL SPECIFICATIONS

BODY	
Construction	Unitized welded steel body, aluminum hood
Production location	Flat Rock, Mich.
POWERTRAIN AND CHASSIS	
ENGINE	
Type	5.8-liter, supercharged four-valve DOHC V8 with over-rev capability
Manufacturing location	Romeo, Mich.
Configuration	Aluminum block and aluminum heads
Intake manifold	Cast-aluminum with 2.3-liter Eaton Twin Vortices Series supercharger and high-efficiency air-to-water intercooler; maximum boost 14.0 psi
Exhaust manifold	Cast iron
Crankshaft	Forged steel
Throttle body	Dual-bore 60-mm electronic
Valvetrain	DOHC, four valves per cylinder
Valve diameter	Intake 37.0 mm, exhaust 32.0 mm
Pistons	Forged aluminum
Connecting rods	Cracked forged-steel I-beams
Ignition	Coil-on-plug
Bore x stroke	3.681 x 4.165 in./93.5 x 105.8 mm
Displacement	355 cu. in./5,812 cc
Compression ratio	9.0:1
Horsepower	662 @ 6,500 rpm
Torque	631 lb.-ft. @ 4,000 rpm
Redline	6,250 rpm continuous, 7,000 rpm over-rev
Idle speed in neutral	700 rpm
Engine control system	Copperhead PCM
Recommended fuel	93 octane, 91 octane required
Fuel capacity	16.0 gallons
Fuel injection	Electronic return-less sequential
Oil capacity	8.5 quarts base, 9.5 quarts Track Package, 5W-50 full synthetic
Coolant capacity	14.0 quarts engine circuit, 5.4 quarts charge air cooler circuit
EMISSIONS	
Federal emissions	Tier 2 Bin 5
California emissions	LEV-II

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DRIVETRAIN	
Layout	Rear-wheel drive, longitudinal orientation
TRANSMISSION	
Standard	Tremec TR6060 six-speed manual
Gear ratios	
1st	2.66
2nd	1.82
3rd	1.30
4th	1.00
5th	0.77
6th	0.50
Final drive	3.31:1
SUSPENSION	
Front	Independent MacPherson strut with reverse-L lower control arm, standard twin-tube dampers, 33.2 x 5.0-mm tubular stabilizer bar; optional Bilstein® selectable monotube dampers, 33.2 x 5.0-mm tubular stabilizer bar (34.6 x 5.5-mm on coupe)
Rear	Three-link solid axle with coil springs, Panhard rod, standard twin-tube dampers, 23-mm solid stabilizer bar; optional Bilstein selectable monotube dampers, 23-mm solid stabilizer bar (25-mm on coupe)
STEERING	
Type	Electric power-assisted steering (EPAS), rack-and-pinion
Ratio	15.7:1
Turning diameter, curb-to-curb	37.0 ft.
BRAKES	
Type	Four-wheel power disc with four-channel anti-lock braking system (ABS), electronic brake force distribution (EBD) and traction control
Front	Brembo 15-in. vented discs, six-piston aluminum calipers
Rear	13.8-in. vented discs, single-piston calipers
TIRES AND WHEELS	
Tires	Goodyear Eagle® F1 SuperCar G: 2 P265/40ZR-19 front, P285/35ZR-20 rear
Wheels	Standard 10-spoke 19 x 9.5-in. forged-aluminum front, 20 x 9.5-in. rear; SVT Performance Package, 16-spoke 19 x 9.5-in. forged-aluminum front, 20 x 9.5-in. rear
FUEL ECONOMY	
	15 mpg city/24 mpg highway (estimated)

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DIMENSIONS (inches unless otherwise noted)	
EXTERIOR	
Wheelbase	107.1
Length	188.2
Width	73.9
Height	54.8 coupe, 55.1 convertible
Track, front/rear	61.9/62.5
Ground clearance	4.65
INTERIOR	
Seating capacity	Four
Headroom	
Front	38.5 coupe, 38.8 convertible
Rear	34.7 coupe, 36.5 convertible
Legroom	
Front	42.4 coupe, 42.4 convertible
Rear	29.8 coupe, 29.8 convertible
Hip room	
Front	53.4 coupe, 53.4 convertible
Rear	46.8 coupe, 45.2 convertible
Shoulder room	
Front	55.3 coupe, 55.3 convertible
Rear	51.6 coupe, 45.0 convertible
WEIGHTS AND CAPACITIES	
Cargo volume (cu. ft.)	
Coupe	13.4
Convertible	9.6
Maximum towing capacity	Towing not recommended
BASE CURB WEIGHT (pounds)	
Coupe	3,850
Convertible	3,970
Weight distribution, front/rear	57/43 coupe, 56/44 convertible

Specifications subject to change