

2011 SHELBY GT500 TECHNICAL SPECIFICATIONS

BODY	
Construction	Unitized welded steel body, aluminum hood
POWERTRAIN AND CHASSIS	
ENGINE	
Type	5.4L 4-valve DOHC V-8
Manufacturing location	Romeo, Michigan
Configuration	Aluminum block and aluminum heads
Intake manifold	Cast-aluminum with roots-type supercharger and air-to-water intercooler; Boost: 9.0 psi
Exhaust manifold	Cast iron
Crankshaft	Forged steel
Throttle body	Dual-bore 60 mm, electronic
Valvetrain	DOHC, 4 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	3.552 x 4.165 in. / 90.22 x 105.8 mm
Displacement	330 cu. in. / 5,409 cc
Horsepower	550 hp @ 6,200 rpm
Torque	510 lb.-ft. @ 4,500 rpm
Compression ratio	8.4:1
Redline	6,250 rpm
Idle speed in neutral	750 rpm
Engine control system	Spanish oak PCM
Recommended fuel	Premium only
Fuel capacity	16.0 gallons
Fuel injection	Electronic returnless sequential
Oil capacity	6.5 quarts 5W-50 full synthetic
Coolant capacity	21 quarts
DRIVETRAIN	
Layout	Rear-wheel drive
TRANSMISSION	
Standard (Type)	Tremec TR6060 six-speed manual
Gear ratios	
1st	2.97
2nd	1.78
3rd	1.30
4th	1.00
5th	0.74
6th	0.50
Final drive	3.55

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SUSPENSION	
Front	Independent MacPherson strut with "Reverse L" lower control arm, 34mm stabilizer bar
Rear	Three-link solid axle with coil springs, Panhard rod, 24mm stabilizer bar; Twin-tube, gas shocks
STEERING	
Type	Electric power assist steering (EPAS) with rack and pinion gear
Ratio	15.7:1
Turning diameter curb-to-curb (ft.)	37.0
BRAKES	
Type	Four wheel power disc with four-channel anti-lock braking system (ABS), electronic brake force distribution (EBD) and traction control
Front	Brembo 14-inch diameter vented discs, four-piston aluminum calipers
Rear	11.8-inch diameter vented discs, two-piston calipers
TIRES AND WHEELS	
Tires	P255/40Z19 front tires, P285/35ZR19 rear tires
Wheels	19 x 9.5-inch forged aluminum wheels with SVT center caps
FUEL ECONOMY (city/hwy)	
5.4-liter DOHC Supercharged V-8, 6-Speed Manual	TBD
DIMENSIONS (inches unless otherwise noted)	
EXTERIOR	
Wheelbase	107.1
Overall length	188.2
Overall width	73.9
Overall height	54.5 Coupe; 55.9 Convertible
Track width, front/rear	61.9 / 62.5
Ground clearance	5.7
INTERIOR	
Seating capacity	4 passenger
Headroom	
Front row	38.5 Coupe; 38.8 Convertible
Second row	34.7 Coupe; 36.5 Convertible
Legroom	
Front row	42.4 Coupe; 42.4 Convertible
Second row	29.8 Coupe; 29.8 Convertible
Shoulder room	
Front row	55.3 Coupe; 55.3 Convertible
Second row	51.6 Coupe; 45.0 Convertible
Hip room	
Front row	53.4 Coupe; 53.4 Convertible
Second row	46.8 Coupe; 45.2 Convertible
Cargo Volume	
	13.4 cu. ft., Coupe; 9.6 cu. ft., Convertible

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WEIGHTS AND CAPACITIES	
Curb weight, pounds	
Coupe	3,820
Convertible	3,969
Weight distribution (f/r)	56/44 (Coupe); 55/45 (Convertible)
SAFETY	
Safety belts	Load-limiting seat belts with pretensioners and height-adjustable shoulder belts for front seating positions (coupe); Three-point safety belts for all seating positions; BeltMinder™ safety-belt reminder chime
Air bags	Seat-deployed side air bags for driver and front passenger; Dual-stage driver and front-passenger air bags with crash-severity sensor, driver-seat-position sensor and front-passenger weight sensor
Child safety	LATCH anchors for rear outboard seats
Brakes	Four wheel Anti-lock braking system (ABS); Traction-control system. Front: 14" diameter vented disc with Brembo® four-piston aluminum calipers; Rear: 11.8" diameter vented disc with dual-piston calipers
Fuel	Inertia-activated shutoff switch for fuel pump
Mirrors	Side-view mirrors with integrated spotter
MYKey™	Owner activated system to restrict vehicle top speed, control maximum audio system volume and establish a persistent Belt-Minder® alert that mutes audio system until front safety belts are fastened
Security	SecuriLock™ passive anti-theft system; Remote keyless entry; Separate alarm sounder; Anti-tow sensor; Ultrasonic interior motion sensor; Perimeter anti-theft battery
MAJOR STANDARD EQUIPMENT	
Audio system	Shaker 500: AM/FM stereo with single CD/MP3 capable player with eight speakers with 6-month SIRIUS® satellite radio subscription (N/A in AK or HI)
EXTERIOR	
Badging	Unique GT500
Top	Black cloth (convertible only) with boot cover
Exhaust	Tuned dual with catalytic converters and "X" crossover pipe
Fascia	Unique GT500 colored front and rear; black front air dam
Head lamps	HID (High Intensity Discharge) with front lower fascia mounted fog lamps
Grille	Unique upper with Cobra emblem (passenger side)
Hood	Unique hood with air extractor
Locking	Remote keyless entry with trunk release
Spoiler	Unique body-keyed decklid spoiler
Trim	LeMans racing stripes (hood, top, decklid) and "GT500" side stripes (Coupe) LeMans racing stripes (hood, decklid) and "GT500" side stripes (Convertible)
Trunk	Tire mobility kit

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INTERIOR	
Air conditioning	Manual
Console	Center with full armrest, storage and cup holders
Cupholders	2
Door trim inserts	Soft touch vinyl
Floor mats	Front, color coordinated with driver-side retention hook
Instrument cluster	Includes unique red, white and blue MyColor® illuminated instrumentation with boost gauge and message center, SVT graphics
Map pockets	Front doors
Power points	2
Scuff plates	Door sills, with bright SVT script insert
Seats	Alcantara® and leather-trimmed sport buckets; 6-way power adjustable driver seat with power lumbar and 2-way adjustable head restraint
Shift knob	Alcantara® and leather-trimmed shift boot and parking brake handle
Steering wheel	Alcantara® and leather-wrapped with unique thumb pads, adjustable for tilt
Windows/door locks	Power
OPTIONS	
DELETE OPTIONS	
"LeMans" stripes and "GT500" side stripes	Coupe, Convertible
Floor Mat	Coupe, Convertible
FREE STANDING	
Shaker 1000	1000 watt audio system: AM/FM stereo, single CD/MP3 player, 10 speakers
Glass Roof	Coupe only
PACKAGE	
Electronics Package	Voice-activated Navigation System with SIRIUS® Travel Link , HD Radio and Dual Electronic Automatic Temperature Control
SVT Performance Package	3.73 Limited slip; Forged aluminum wheels, Front P265/40ZR19, Rear P285/35ZR20 tires; Upgraded front/rear springs & shocks; Unique Shelby top and side stripes; Spoiler and Gear shift knob

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EXTERIOR/INTERIOR COLORS	
EXTERIOR	
Paint colors stripe colors: Satan black, White, Red, Blue or Silver (Stripe color is coordinated to match interior seat upholstery)	Race Red Kona Blue Metallic Grabber Blue Performance White Ingot Silver Metallic Black Sterling Grey Metallic
Convertible top	Black cloth
INTERIOR	Charcoal Black/Black Seat Stripe; Charcoal Black/White Seat Stripe; Charcoal Black/Silver Seat Stripe; Charcoal Black/Blue Seat Stripe; Charcoal Black/Red Seat Stripe
Specifications subject to change.	