2010 Shelby GT500 Technical Specifications

<u>Standard Equipment on Shelby GT500:</u>

Mechanical

- Brakes – Power 4-wheel discs with ABS (Brembo four-piston Front Calipers)
- Engine – 5.4-liter Supercharged 4V V8 w/cold-air intake system and low restriction exhaust
- Transmission – Tremec 6-speed Manual w/3.55 rear axle ratio

Safety & Security

- Personal Safety System™ (seat belt pre-tensioners, load limiting retractors, dual stage front air bags, driver seat position sensing & crash severity sensing)
- AdvanceTrac® Electronic Stability Control
- Airbags – Dual Stage Front
- Airbags – Side Impact
- Keyless Entry – Remote
- LATCH (Lower Anchors & Tethers for Children) system
- Lighting – Illuminated Entry
- Anti-Theft Perimeter Alarm (incl. perimeter inclination & intrusion alarms)
- SecuriLock® Passive Anti-Theft (PATS)
- Tire Pressure Monitoring System (TPMS)
- Advance Trac® Electronic Stability Control® (ESC)

Exterior

- Badges – “Shelby GT500” badging on faux gas cap & "SHELBY" badging on rear decklid
- Exhaust – Dual Stainless Steel with 4-inch Tips
- Headlamps – Quad Reflector w/integral park/turn lamps
- Hood – Aluminum hood (w/ large single heat extractor)
- Fog lamps
- Power Mirrors
- Over-the-top “racing stripes” and “GT500” side stripes
- Rear Spoiler – SHELBY rear decklid
- 18 X 9.5-inch Aluminum Wheels with Goodyear Eagle F1 Supercar Tires (P255/45ZR18 Front & 285/40ZR18 Rear) Convertible Only
- 19 X 9.5-inch Aluminum Wheels with Goodyear Eagle F1 Supercar Tires (P255/40ZR19 Front & P285/35ZR19 Rear) Coupe Only

Interior

- Center Console – Armrest with Locking Storage
- Climate Control – Manual
- Two Covered Cupholders
- Door Locks – Power
- Floor Mats – 1st Row w/ Silver perimeter stitching and "GT500" embroidered logo
- Lighting – Ambient Lighting w/MyColor™ 125 color gauge backlighting
- Seats – Leather sport buckets w/ racing stripes coordinated to exterior stripes and Alcantera® accents. Also 6-way Power Driver's Seats with Power Lumbar and adjustable headrest
- Steering Wheel – Tilt Leather and Alcantera® w/ Unique Thumb Pads
- Windows – Power, Driver & Passenger Global Open Controls
- Shifter – Short-throw with unique Q-ball shift knob

Functional

- Shaker 500 System with 8 speakers (AM/FM Stereo/CDx6 MP3 Capable) & Audio Input Jack
- Ford SYNC™
- SIRIUS® Satellite Radio
- Cruise Control
- Easy Fill Capless Fuel Filler
- Auto Headlamps
- Instrument Cluster: 6 gauge instrument cluster SVT graphics; brushed aluminum accent cluster and air registers. Also includes message center with compass
- Pedals: Bright Clutch, Brake and Accelerator
- 2 Power Points
- Interior Trunk Release
- Rear Window Defroster

Optional Equipment on Shelby GT500:

- Voice Activated Navigation – Dual Zone Automatic
- Temperature Control – Integrated audio and data
- Satellite radio – Park & Play (plays/reads audio and video discs) – Music Jukebox (CD "ripping" capability)
- Shaker 1000 Audio System – AM/FM Stereo w/In-Dash CDx6, MP3 & 10-Speakers (Not available with
- HID Headlamps (late availability)
- Tape Stripes Delete – Top and side stripe delete
- Weathershield Full Vehicle Cover, w/Shelby Script & Cobra Logo

BODY	
Construction	Unitized welded steel body, aluminum hood
POWERTRAIN AND CHASSIS	
ENGINE	
Type	**V-8**
Manufacturing location	Romeo, Michigan
Configuration	Iron 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	540 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 6-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
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	Rack and pinion with power assist
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 (Coupe)	P255/40Z19 front tires, P285/35ZR19 rear tires
Tires (Convertible)	P255/45Z18 front tires, P285/40ZR18 rear tires

Wheels(Coupe)	19 x 9.5-inch forged aluminum wheels with SVT center caps
Wheels (Convertible)	18 x 9.5-inch cast aluminum wheels with SVT center caps
FUEL ECONOMY (city/hwy)	
5.4-liter DOHC Supercharged V-8, 6-Speed Manual	14/22
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
WEIGHTS AND CAPACITIES	
Curb weight, pounds	
Coupe	3,924 pounds
Convertible	4,022 pounds
Weight distribution (f/r)	58/42 (Coupe); 57/43 (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
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 six-disc 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)
Exhaust	Tuned dual with catalytic converters and "X" crossover pipe
Fascia	Unique GT500 body colored front and rear; black front air dam
Fog lamps	Front lower fasia
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 " side stripes (Convertible)
Trunk	Tire mobility kit
INTERIOR	
Air conditioning	Manual
Console	Center with full armrest, storage and cup holders
Cupholders	2
Door trim inserts	Soft vinyl

Floor mats	Front, color coordinated with driver-side retention hook
Instrument cluster	Includes boost gauge and message center, SVT graphics
Map pockets	Front doors
Power points	2
Scuff plates	Door sills, with bright SVT script insert
Seats	Leather sport buckets; 6-way power adjustable driver seat with power lumbar and 2-way adjustable head restraint
Shift knob	Unique with leather shift boot and parking brake handle
Steering wheel	Leather-wrapped with unique thumb pads, adjustable for tilt
Windows/door locks	Power
OPTIONS	
DELETE OPTIONS	
"LeMans" stripes	Coupe, Convertible
"GT500" side stripes	Coupe, Convertible
FREE STANDING	
Shaker 1000	1000 watt audio system: AM/FM stereo, in-dash six-disc CD/MP3 player, 10 speakers
HID (High Intensity Discharge) Headlamps	Late Availability
PACKAGE	
Electronics Package	Voice-activated Navigation System and Dual Electronic Automatic Temperature Control
EXTERIOR/INTERIOR COLORS	
EXTERIOR	
Paint/stripe colors	Torch Red with White, Satin Black or Silver stripes Kona Blue Metallic with White or Silver stripes Grabber Blue with White or Red stripes Performance White with Blue, Red, Silver or Satin stripes Brilliant Silver Metallic with Satin Black stripes Black with White, Satin Black, Silver or Blue stripes Sterling Grey Metallic with Satin Black, or Silver stripes
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.