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## WHAT'S NEW

### This page is about:

- Exterior Changes
- Interior Change
- The Carroll Shelby Connection

# 2008 Shelby GT500

## What's New

### Overview

#### SHELBY GT500



- Available as Coupe or Convertible
- Seven exterior colors
- High Intensity Discharge (HID) headlamps
- Ambient interior lighting

### Exterior Changes

- Color added:
  - Vapor Clearcoat Metallic (ZY)
- Color deleted:
  - Tungsten Grey Clearcoat
- Available High Intensity Discharge (HID) headlamps

### Interior Change

- Ambient interior lighting

## The Carroll Shelby Connection

### Where It All Began

- Ford Shelby GT500 has been developed by the Ford Special Vehicle Team (SVT) in collaboration with Ford Racing and Carroll Shelby

### A Racing Legend

- Shelby built his reputation on a successful racing career. He broke land speed records at Bonneville in 1954 for Austin Healey. He won the 24 Hours of Le Mans in 1959 alongside teammate Roy Salvadori. Shelby was part of the FIA World Grand Touring Championship and Ford GT-40 victories at Le Mans
- Shelby first put his name on a Mustang in 1965. The result was the GT350R, a lightweight, handling-focused race car that earned Mustang its first performance credentials

- Later Shelby Mustangs included a street version of the race car, the GT350 and the "rent-a-racer" Mustang, the Hertz GT350H
- The ultimate Shelby Mustang of the era was the GT500KR or "King of the Road." It was powered by a big block 428-cubic-inch "Cobra Jet" V-8
- Shelby Mustang production ended in 1970 with a total volume of 14,559 vehicles
- Shelby was inducted into the Automotive Hall of Fame in 1992
- Shelby served as senior advisor on the Ford GT development team
- Carroll Shelby and Ford Motor Company teamed up after 40 years to create the Ford Shelby GT500



# 2008 Shelby GT500

## What's Important

### WHAT'S IMPORTANT

This page is about:

Product Highlights

Key Features

## Product Highlights

### THE MOST IMPORTANT 2008 SHELBY GT500 FEATURES TO MENTION TO YOUR CUSTOMERS:

**Supercharged 5.4L DOHC  
32-valve V-8 engine**  
(pg. 38)

**500 horsepower and  
480 lb.-ft. of torque**  
(pg. 38)

**14-inch vented front  
rotors with Brembo®  
4-piston aluminum  
calipers**  
(pg. 41)

**Unique aluminum hood with dual  
functional air extractors**  
(pg. 42)



**Choice of Coupe or  
Convertible**  
(pg. 43)

**Suspension components  
shared with Grand-Am  
Cup championship-winning  
Mustang**  
(pg. 40)

**Tremec 6-speed  
manual transmission**  
(pg. 39)

Shelby GT500

## Key Features

### Performance

- Supercharged 5.4L DOHC 32-valve V-8 engine
- Supercharger provides 9.0 psi of boost
- Air-to-water intercooler
- 500 horsepower
- 480 lb.-ft. of torque
- Tremec 6-speed manual transmission
- Suspension components shared with Grand-Am Cup championship-winning Mustang
- Rear axle with 3.31:1 axle ratio and limited-slip differential
- 14-inch vented front rotors with Brembo® 4-piston aluminum calipers
- 11.8-inch rear brake rotors with 2-piston calipers
- Dual exhaust system with X-pipe

### Handling Details

- Independent MacPherson strut front suspension with Reverse-L lower control arms
- Solid-axle 3-link rear suspension with Panhard rod
- 18-inch x 9.5-inch machined aluminum split-five-spoke wheels with SVT center caps
- P255/45ZR18 front and larger P285/40ZR18 rear high-performance tires

### Exterior Design

- High Intensity Discharge (HID) headlamps
- Functional front lower air splitter
- Fog lamps
- Unique fascias
- Larger upper and lower grille openings
- Slanting headlamp openings
- Le Mans "over-the-top" Racing Stripes and "GT500" side stripes (Coupe)
- "GT500" side stripes (Convertible)
- Unique aluminum hood with dual functional air extractors
- Choice of Coupe or Convertible
- Distinctive Cobra logo and Ford SVT badging
- Unique rear spoiler
- Available colors:
  - Alloy Clearcoat Metallic (G5)
  - Ebony Clearcoat (UA)
  - Grabber Orange Clearcoat (U3)
  - Performance White Clearcoat (HP)
  - Torch Red Clearcoat (D3)
  - Vapor Clearcoat Metallic (ZY)
  - Vista Blue Clearcoat Metallic (G9)

### Interior Design

- Choice of Charcoal Black leather-trimmed seating surfaces with Red or Charcoal Black door panel inserts
- Mini-perforated leather seat inserts
- Ambient interior lighting
- Leather accents throughout interior
- Leather-wrapped unique steering wheel
- Titanium-faced gauges with white lettering
- Tachometer swapped with speedometer for improved readability (compared to Mustang GT)
- Programmable performance shift indicator
- Supercharger-boost gauge
- Satin aluminum finish trim

### Safety/Security

- Mustang received five-star frontal crash test ratings
- Four-wheel disc Anti-lock Braking System (ABS)
- Electronic Brake Force Distribution (EBD)
- All-Speed Traction Control
- Personal Safety System®
- Front-seat side airbags
- Stiff body structure
- Active Anti-theft System
- Tire Pressure Monitoring System (TPMS)

## MODEL LINEUP

This page is about:

- Standard Equipment
- Optional Equipment

# 2008 Shelby GT500

## Model Lineup

Shelby GT500

### Standard Equipment

#### Performance

- Brakes — power vented four-wheel disc Anti-lock Braking System (ABS)
- Engine — supercharged 5.4L 4V V-8 w/intercooler
- Exhaust — stainless-steel dual
- Transmission — Tremec 6-speed manual

#### Handling

- Suspension — SVT-tuned front & rear w/unique dampers and springs for Coupe & Convertible
- Tires — P255/45ZR18 (front) and P285/40ZR18 (rear) performance
- Wheels — 18"x9.5" Bright machined aluminum wheels

#### Exterior Design

- Fog lamps — front
- "GT500" side stripes — convertible
- Headlamps — complex reflector halogen
- Mirrors — dual power side-mounted

- Over-the-top "racing stripes" and "GT500" side stripes — Coupe
- "SHELBY" badging on the rear decklid
- "Shelby GT500" badging on the faux gas cap
- Unique aluminum hood with dual functional air extractors
- Unique front and rear fascias
- Unique rear spoiler

#### Interior Design

- Air conditioning — manual
- Aluminum accent air registers
- Console — center w/full armrest & storage
- Cup holders (2)
- Floor mats — color-keyed carpeted front w/driver retention hook
- Instrument panel — six (6) gauge instrument cluster with transposed speedometer and tachometer and SVT graphics and brushed aluminum accent cluster
- Map pockets — front doors

- Power points (2)
- Seats — leather sport buckets w/increased lateral support
- Steering wheel — leather-wrapped with unique thumb pads and tilt adjustment

#### Safety/Security

- Active Anti-theft System
- Belt-Minder®
- Front-seat side airbags
- Illuminated entry
- LATCH system (Lower Anchors and Tethers for Children)
- Personal Safety System®
- Side-door intrusion beams
- Tire Pressure Monitoring System (TPMS)

**NOTE:** The above information is an excerpt from page 4 of the 4/16/07 Shelby GT500 Dealer Ordering Guide. For the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

### Optional Equipment

	Coupe	Convertible
<b>Design/Styling</b>		
Ambient Interior Lighting	○	○
"GT500" Side Stripes Delete Option (Requires Le Mans Stripe Delete with Coupe)	○ <sup>(1)</sup>	○
Le Mans "Over-the-top" Racing Stripes Delete Option	○ <sup>(1)</sup>	— <sup>(2)</sup>
<b>Comfort/Convenience</b>		
GT500 Premium Interior Trim Package includes:	○	○
Wrapped and stitched instrument panel brow		
Center console with upgraded door armrest		
Electrochromic rearview mirror with compass		
Aluminum pedal covers		
Shaker 1000 Audio System with 6-disc in-dash CD/MP3 capability and 10 speakers	○	○
SIRIUS Satellite Radio	○	○
Voice-activated Navigation System	○	○
<b>Safety/Security</b>		
High Intensity Discharge (HID) Headlamps	○	○

**NOTE:** The above information is an excerpt from page 4 of the 6/1/07 Shelby GT500 Dealer Ordering Guide. For the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

- (1) Coupe available with standard Le Mans Racing Stripes and "GT500" side stripes. Le Mans Racing Stripes can be deleted separately, or along with, side stripes. (Coupe not available with stand-alone Le Mans Racing Stripes.)
- (2) Convertible not available with Le Mans Racing Stripes. "GT500" side stripes can be deleted.

# 2008 Shelby GT500

## Ford SVT Heritage

### FORD SVT HERITAGE

#### This page is about:

Ford SVT Mission and Purpose

Hallmarks of Ford SVT

Ford SVT History

### Ford SVT Mission and Purpose

**Ford Special Vehicle Team** was established in 1991 to "Polish the Ford Oval" by creating low-volume, factory-produced vehicles designed for those select few whose idea of driving is a high-powered, passionate experience — not just a means of getting from point A to point B.

**Mission** — Create vehicles specifically designed to meet the unique needs and desires of the knowledgeable driving enthusiast.

### Hallmarks of Ford SVT

**Performance** — Increased power, refined road manners and balancing of engine, suspension and braking systems.

**Substance** — Character that is built in, not added on.

**Value** — A lot of performance and driving pleasure for the money.

## Ford SVT History

<p><b>1991</b></p> <ul style="list-style-type: none"> <li>Ford Special Vehicle Team introduced</li> </ul> <p><b>1992</b></p> <ul style="list-style-type: none"> <li>Official launch of the 1993 SVT Mustang Cobra</li> <li>SVT F-150 Lightning introduced</li> </ul> <p><b>1993</b></p> <ul style="list-style-type: none"> <li>SVT Mustang Cobra and SVT F-150 Lightning arrive in dealerships</li> <li>The first-generation race-ready Cobra R hits the street as well as the track</li> </ul> <p><b>1994</b></p> <ul style="list-style-type: none"> <li>Second-generation SVT Mustang Cobra introduced</li> <li>Cobra elected Indianapolis 500 Pace Car</li> </ul> <p><b>1995</b></p> <ul style="list-style-type: none"> <li>SVT Mustang Cobra Convertible gets removable hardtop option</li> <li>Second-generation Cobra R rolls off the assembly line with a modified 351 cid Windsor V-8 engine producing 300 horsepower</li> </ul>	<p><b>1996</b></p> <ul style="list-style-type: none"> <li>SVT Mustang Cobra receives an all-new hand-built 4.6L 32-valve V-8 producing 305 horsepower</li> <li>Cobra coupes get an option of Mystic color-changing paint limited to 2000 units</li> </ul> <p><b>1997</b></p> <ul style="list-style-type: none"> <li>SVT Contour is launched at Chicago Auto Show and arrives in dealerships in the second quarter as a 1998 model</li> <li>SVT reaches the milestone of 50,000 vehicles sold</li> </ul> <p><b>1998</b></p> <ul style="list-style-type: none"> <li>SVT Mustang Cobra offers Canary Yellow paint option and a new 5-spoke wheel</li> <li>1998.5 E1 model SVT Contour receives new 5-spoke wheels and revised suspension tuning</li> </ul> <p><b>1999</b></p> <ul style="list-style-type: none"> <li>SVT F-150 Lightning returns to the lineup with a hot new 5.4L supercharged Triton® V-8 engine producing 360 horsepower and 440 lb.-ft. of torque</li> <li>SVT Mustang Cobra receives freshened styling, 15 more horsepower and a unique independent rear suspension</li> </ul>	<p><b>2000</b></p> <ul style="list-style-type: none"> <li>Third-generation Cobra R rolls off the assembly line at the Dearborn Assembly Plant. It is the fastest factory-built Mustang to date</li> <li>The first SVT Experience is held in Dearborn, Michigan</li> </ul> <p><b>2001</b></p> <ul style="list-style-type: none"> <li>SVT F-150 Lightning receives freshened styling, aluminum driveshaft, 3.73:1 rear axle ratio and 380 horsepower, helping make Lightning the fastest production truck on the planet</li> <li>SVT Mustang Cobra is updated with new seats and appearance items</li> <li>2002 SVT Focus unveiled at the Chicago Auto Show</li> </ul> <p><b>2002</b></p> <ul style="list-style-type: none"> <li>Much anticipated 2003 SVT Mustang Cobra unveiled at the Chicago Auto Show</li> <li>With 390 horsepower and 390 lb.-ft. of torque, 2003 Cobra becomes the most powerful production Mustang in history</li> <li>SVT reaches the milestone of 100,000 vehicles produced</li> </ul> <p><b>2003</b></p> <ul style="list-style-type: none"> <li>2004 SVT Mustang Cobra debuts</li> </ul>
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1998 SVT Contour



1998 SVT Mustang Cobra



2000 SVT Cobra R



2001 SVT F-150 Lightning



2002 SVT Focus



2003 SVT Mustang Cobra



2004 SVT Mustang Cobra



## PERFORMANCE

### This page is about:

- Supercharged 5.4L DOHC 32-valve V-8 Engine
- Supercharger Benefits
- Keeping the Engine Cool
- Powertrain Combinations
- Supercharging and Intercooling

# 2008 Shelby GT500

## Performance

### Overview

#### SHELBY GT500



- Based on the championship-winning FR500C Grand-Am Cup Mustang race car
- Most powerful factory-built Mustang ever
- Supercharged V-8 engine and 6-speed manual transmission
- Muscle with agility

## Powerhouse Under the Hood

### Supercharged 5.4L DOHC 32-valve V-8 Engine

- Most powerful factory Mustang engine — ever
- 500 horsepower
- 480 lb.-ft. of torque
- 8.4:1 compression ratio
- Roots-type supercharger with 9.0 psi of boost
- Air-to-water intercooler helps the supercharger maximize the density of the air entering the cylinder head
- Cast-iron block
- Low-profile intake manifold channels the supercharged air/fuel mixture to the cylinders and allows the entire induction system to be effectively packaged under the special aluminum air-extractor hood
- Piston rings, bearings and aluminum cylinder heads from the Ford GT add proven durability
- Aluminum cylinder heads use high-flow ports and specially calibrated dual overhead camshafts with 4 valves per cylinder to deliver optimum engine breathing, good fuel efficiency and emissions
- Forged-steel crankshaft, forged connecting rods and forged pistons handle the extra strain on the lower end of the block
- 60mm dual-bore electronic throttle body from the 6.8L SOHC Triton® V-10 engine delivers the fuel
- Larger radiator and increased capacity cooling system manage heat
- “Powered by Ford SVT” is cast into the coil covers

### Supercharger Benefits

- The roots-type Eaton supercharger operates at 9.0 psi (pounds per square inch) to “force-feed” a higher density air/fuel mixture
- Higher air/fuel density produces the peak horsepower of a much larger displacement, naturally aspirated engine
- Take a closer look below at how the supercharger boosts engine power

### Keeping the Engine Cool

- Air-extractor hood
- High-capacity aluminum radiator
- Loop-style power steering cooler
- Water-to-oil stacked-dish engine oil cooler

### Powertrain Combinations

Powertrain (Engine/Transmission)	Horsepower (SAE net @ rpm)	Torque (lb.-ft. @ rpm)
Supercharged 5.4L DOHC 32-valve V-8/6-speed Manual Transmission	500 @ 6000	480 @ 4500

### A CLOSER LOOK: Supercharging and Intercooling

#### How did Shelby GT500 engineers generate so much power?

One way is by supercharging the engine. A supercharger uses engine power to spin an impeller. The impeller compresses the air charge and “blows” it into an engine’s intake.

Boost is created when the supercharger pushes enough air into the engine to overcome the vacuum naturally created by the engine’s air intake. The supercharger on the Shelby GT500 produces boost of 9.0 psi.

Because air heats up as it is compressed, a supercharger is often coupled with an intercooler to remove heat from the compressed air before it enters the engine’s intake system to provide a cooler, denser intake charge.

An intercooler works just like a radiator — it cools air as the air flows over fins and plates inside the intercooler. This generates a denser intake charge and increases the engine’s ability to produce horsepower and torque.

# 2008 Shelby GT500

## Performance

### PERFORMANCE

#### This page is about:

- Tremec 6-speed Manual Transmission
- Rear Axle
- Dual Exhaust System
- New Vehicle Limited Warranty
- 5-year/60,000-mile Powertrain Limited Warranty
- 24-Hour Roadside Assistance

## Powertrain Features

### Tremec 6-speed Manual Transmission

- Short-throw performance 6-speed transmission
- Proven heavy-duty performance to handle the high torque output of the supercharged engine
- Less shifting is needed to find the "sweet spot" in keeping the revs "on cam" for power to pass
- Makes the most of the engine's broad torque curve
- Transmission was used in the 2000 SVT Mustang Cobra R, 2004 SVT Mustang Cobra and Grand-Am Cup Champion Ford Racing Mustang FR500C

### Rear Axle

- 3.31:1 gear ratio balances performance and fuel efficiency
- Limited-slip differential helps improve traction and off-the-line acceleration

### Dual Exhaust System

- Unique exhaust manifolds help to move spent gases out of the cylinders and into the custom-tuned mufflers and dual exhaust system
- Custom-tuned, aggressive exhaust note
- X-pipe stamping creates the desired sound and helps increase power output
- More than 40 different muffler tunings were tested, measured and evaluated for the right sound



Shelby GT500

## Warranty and Roadside Assistance

### New Vehicle Limited Warranty

- 3-year/36,000-mile Bumper-to-Bumper; no deductible
- 5-year/60,000-mile powertrain limited warranty
- 5-year/unlimited-mileage Corrosion Perforation
- 5-year/60,000-mile Safety Restraint

### 5-year/60,000-mile Powertrain Limited Warranty

- Powertrain Limited Warranty for Ford vehicles is 5 years or 60,000 miles, whichever comes first
- That's an additional 2 years/24,000 miles of coverage for components such as the engine, transmission and front- and rear-wheel-drive parts beyond the vehicle's 3-year/36,000-mile Bumper-to-Bumper Limited Warranty
- Refer to the vehicle Warranty Guide for a complete list of all of the parts covered

### Ford 24-Hour Roadside Assistance

- Toll-free number (1-800-241-FORD) operational 24 hours a day, every day
- Customers can request services to change flat tire, jump-start battery, unlock vehicle, deliver fuel or tow vehicle
- Available for 5 years or 60,000 miles, whichever comes first

## HANDLING

### This page is about:

- GT500 Suspension
- Independent MacPherson Strut Front Suspension/  
Reverse-L Lower Control Arms
- Solid-axle 3-link Rear Suspension with Panhard Rod
- Benefits of Suspension Design

# 2008 Shelby GT500

## Handling

### Overview

#### SHELBY GT500



- Power requires control
- Race-winning handling
- Chassis, suspension, steering, tires and brakes work together to give optimum ride and handling

## Key Features

### GT500 Suspension

- Shared with the championship-winning FR500C Grand-Am Cup Mustang
  - Ford Racing and SVT engineers worked closely together to develop both the FR500C and Shelby GT500 suspensions
  - Approximately 80 percent of the underpinnings on the FR500C race car can be found on the Shelby GT500
- Mustang platform is exceptionally rigid and well engineered
- High torsional (twisting) rigidity adds to the crisp, responsive handling

### Independent MacPherson Strut Front Suspension/ Reverse-L Lower Control Arms

- Gives precision handling, incredible responsiveness and a smooth, comfortable ride
- High spring rates handle the extra weight of the car and help reduce roll
- L-shaped lower control arms have a number of advantages over classic A-arm or wishbone design
  - Firm bushing controls side-to-side motion for excellent steering response
  - Softer bushing controls fore-and-aft motion and helps dampen road shocks
- 34mm front stabilizer bar helps reduce body roll

### Solid-axle 3-link Rear Suspension with Panhard Rod

- Race-proven design shared with the Ford Racing Mustang FR500C
- Gives precise control of the rear axle
- Panhard rod bushings are tuned to handle more torque and firmly control the axle during hard cornering
- 24mm rear stabilizer bar on Coupe and 20mm on Convertible help reduce body roll

### Benefits of Suspension Design

- Constant-rate coil springs and outboard shock absorbers are specially tuned for controlled and precise handling
- Shock absorbers are on the outside of the rear structural rails, near the wheels to reduce the lever effect of the axle and let the shock valves be tuned more precisely and slightly softer
- Strut tower brace helps stiffen the chassis for track-capable performance





# 2008 Shelby GT500

## Handling

### HANDLING

#### This page is about:

- Four-wheel Disc Braking System (ABS)
- Power Rack-and-pinion Steering System
- Wheels and Tires
- Balanced Weight Distribution
- Tire Inflation Kit

### Key Features cont'd

#### Four-wheel Disc Braking System

- 14-inch vented front rotors with Brembo® 4-piston aluminum calipers
- 11.8-inch rotors in the rear with 2-piston calipers
- Vented discs provide better cooling and help resist brake fade better than drum brakes
- Includes Anti-lock Braking System (ABS) and All-Speed Traction Control

#### Power Rack-and-pinion Steering System

- Unique power steering fluid pump
- Steering gear uses a unique torsion bar to help improve steering feel and precision

#### Wheels and Tires

- 18-inch x 9.5-inch machined aluminum split-five-spoke wheels with SVT center caps
- High-performance tires
  - P255/45ZR18 front
  - Larger P285/40ZR18 rear
- Wider rear tires help get the engine's power to the ground better when accelerating off the line
- Help improve handling balance when powering out of a turn

#### Balanced Weight Distribution

- 57 percent of the weight is in the front and 43 percent is in the rear (Coupe)
- Weight distribution of the Shelby GT500 Convertible — 56 percent front and 44 percent rear — matches the Mustang GT Coupe



#### A CLOSER LOOK: Tire Inflation Kit

When people are told they have a "spare tire," chances are they could afford to lose a few pounds. The same holds true for the Shelby GT500. To help save weight the Shelby GT500 does not have a spare tire. Instead there is a standard Tire Inflation Kit that can be used to inflate and seal small punctures due to road hazards. By eliminating the extra weight of the spare tire, engineers were able to increase the power-to-weight ratio and give the Shelby GT500 improved straight-line performance.

## EXTERIOR DESIGN

### This page is about:

- Front Design
- Distinctive Le Mans Over-the-top Racing Stripes and "GT500" Side Stripes

# 2008 Shelby GT500

## Exterior Design

### Overview

#### SHELBY GT500



- Designed for performance
- Pays tribute to Mustang heritage
- Aerodynamic lessons learned from Ford GT program
- Two available models: Coupe and Convertible

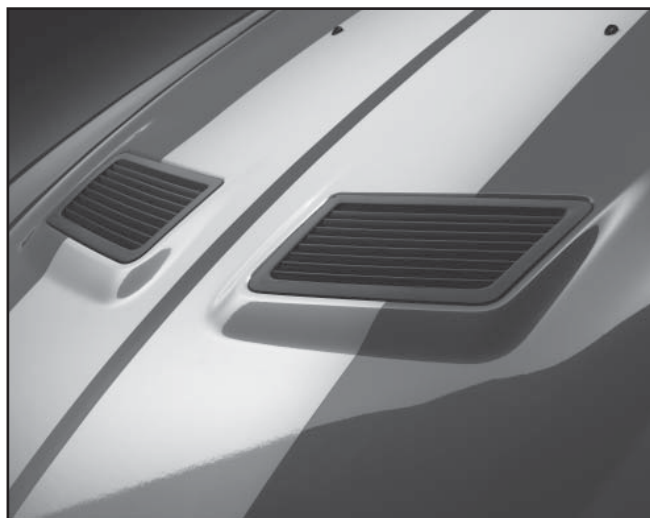
## Key Features

### Front Design

- Functional air splitter at the bottom of the unique front fascia limits airflow under the car, helping improve high-speed aerodynamics
- Unique aluminum hood with dual functional air extractors creates improved underhood airflow
- Larger upper and lower grille openings help improve airflow. They also give a visual connection to vintage Shelby Mustang
- High Intensity Discharge (HID) headlamps throw a white, bright beam
- Slanting headlamp openings add to the dramatic front appearance
- Cobra badge is offset in grille opening
- Low-mounted fog lamps are a Ford SVT design hallmark

### Distinctive Le Mans Over-the-top Racing Stripes and "GT500" Side Stripes

- Coupe has two 9-inch-wide Le Mans-style over-the-top stripes along the top of the hood, roof, decklid and fascias
- Staying true to Shelby heritage, the over-the-top tape stripes are not available on Convertible
- Coupe and Convertible have tri-bar GT500 stripe along the rocker panels
- Five stripe colors are available depending on body color (Alloy, Ebony, Oxford White, Satin Silver and Vista Blue)
- Stripe delete option available



# 2008 Shelby GT500

## Exterior Design

### EXTERIOR DESIGN

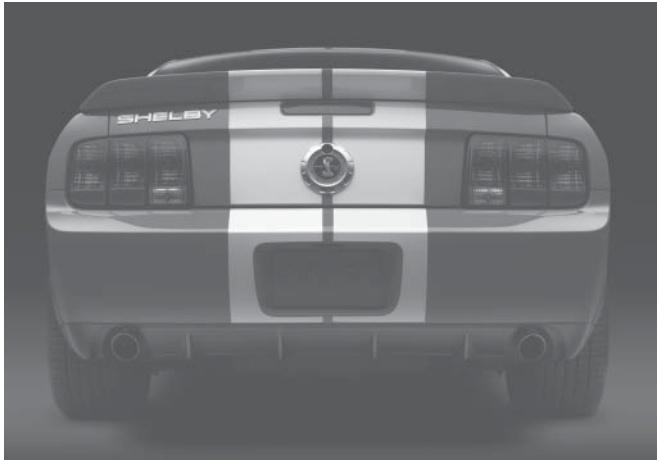
#### This page is about:

- Rear Design
- Distinctive Cobra and Ford SVT Badging
- Exterior Colors
- Convertible

## Key Features cont'd

### Rear Design

- Unique rear fascia features tri-bar taillamps and roll pan, with an airflow diffuser
- Unique rear spoiler is like the classic GT500 and gives aerodynamic downforce at higher speeds



### Exterior Colors

- Alloy Clearcoat Metallic (G5)
- Ebony Clearcoat (UA)
- Grabber Orange Clearcoat (U3)
- Performance White Clearcoat (HP)
- Torch Red Clearcoat (D3)
- Vapor Clearcoat Metallic (ZY)
- Vista Blue Clearcoat Metallic (G9)

### Convertible

- Unique cloth top uses premium material found on luxury cars and is designed to be more durable
- Creates a tauter top, resulting in a very quiet interior while driving with the top up
- Same 500-horsepower engine as Shelby GT500 Coupe
- Handling is far closer to the Coupe than ever before
- Added weight was kept to a minimum so few suspension modifications were needed

### Distinctive Cobra and Ford SVT Badging

- Front fenders have historic Cobra badge
- Front grille has an off-center Cobra badge
- SVT is badged on the wheel center caps, tachometer face, doorsill plates and engine valve covers
- Faux "gas cap" medallion between the taillamps reads "Shelby GT500" centered on a Cobra as does the driver airbag cover
- Bold "SHELBY™" lettering in upper left-hand corner of rear decklid just below spoiler
- Cobra embossed on front seatbacks



## INTERIOR DESIGN

### This page is about:

- Seats
- Around the Cockpit
- Instrument Panel
- Premium Interior Trim Package
- Entertainment Systems

# 2008 Shelby GT500

## Interior Design

### Overview

#### SHELBY GT500



- Comfort and performance
- Designed to cater to the dedicated driving enthusiast
- Substance and function are of prime importance

## Key Features

### Seats

- Choice of Charcoal Black leather-trimmed seating surfaces, with Red or Charcoal Black door panel and seat inserts
- Red stitching on steering wheel, gearshift boot and seats
- Front seats have extra lateral bolstering for increased support during spirited driving
- Leather seating surfaces with mini-perforated seat inserts cover the extra-supportive bucket seats for a more comfortable ride
- Cobra embossed on front seatbacks



### Instrument Panel

- Light-faced gauges with white lettering are a unique performance cue Ford SVT pioneered on the original Mustang Cobra
- Tachometer is swapped with speedometer to improve tachometer visibility
- Supercharger boost gauge replaces the voltmeter gauge
- Satin finish trim replaces the traditional chromed, including the satin finish gearshift knob
- Instrument cluster features a Shelby-unique performance shift indicator light that's programmed by the driver
- Cluster lighting also features a Shelby-unique red, white and blue option

### Premium Interior Trim Package

- Wrapped and stitched instrument panel brow, center console and upgraded door armrest
- Electrochromic rearview mirror with compass
- Aluminum pedal covers

### Around the Cockpit

- Leather accents throughout interior, including steering wheel, shift knob, shift boot and parking brake handle
- Leather-wrapped steering wheel has thicker grips and thumb pads that are better positioned for enthusiast driving
- GT500 script and Cobra on steering wheel
- Ambient interior lighting provides footwell space and cup holder LED illumination. There are seven different color choices to add a soft, colorful glow to the interior
- Ambient interior lighting complements the MyColor™ feature by allowing the footwell, cup holders and instrument cluster colors to match

### PRESENTATION TIP: Auxiliary Input Jack

All Mustang audio systems include an auxiliary input jack which allows a portable MP3 player to be connected and played through the vehicle speakers. The jack is located in the floor console next to the auxiliary power point.

## Entertainment Systems

### Audio Systems

- Shaker 500 6-disc in-dash CD/MP3 player with two 8-inch subwoofers and two 90-watt amplifiers
- Shaker 1000 6-disc in-dash CD/MP3 player with two 10-inch subwoofers and four 85-watt amplifiers
- See page 48 for more information

### SIRIUS Satellite Radio

- Over 130 channels
- Commercial-free music
- Digital sound quality
- Seamless coverage anywhere in the contiguous U.S.
- 6-month complimentary subscription

### Navigation System

- Voice-activated touch-screen display
- Fast route calculations, zooming, scrolling and route previews
- Audible guidance feature that announces upcoming maneuver with specific street names
- Single DVD for contiguous U.S. and Canada

# 2008 Shelby GT500

## Safety/Security

### SAFETY/SECURITY

#### This page is about:

- Accident Avoidance Features
- Occupant Protection Features
- Child Safety Features
- Personal Security Features
- The Ford Commitment to Safety
- Five-star Frontal Crash Test Rating

### Overview

#### SHELBY GT500



- Shelby GT500 customers are surely interested in performance, but every customer appreciates the peace of mind safety provides
- Stiff body structure and Personal Safety System® help protect occupants
- Anti-lock Braking System (ABS) and All-Speed Traction Control help drivers avoid accidents
- Front-seat side airbags are now standard

## Key Features

### Accident Avoidance Features

**All-Speed Traction Control** helps provide control by limiting wheel spin to maximize available traction.

**Four-wheel Anti-lock Braking System (ABS)** prevents wheel lock during excessive braking to help maintain steering control.

**High Intensity Discharge (HID) headlamps** produce a longer, wider beam of light compared to typical headlamps.

### Occupant Protection Features

**Personal Safety System®** deploys airbags based on crash severity, safety belt usage, driver's-seat position and front passenger weight classification.

**Front-seat side airbags** help protect front-seat occupants in certain side collisions.

**Stiff body structure** creates a passenger "safety cage" that helps protect the cabin from deformation and intrusion.

**High-strength side-door intrusion beams** add structural stability and absorb energy to help protect against intrusions into the passenger compartment.

### Child Safety Features

**LATCH (Lower Anchors and Tethers for Children)** provides secure and correct installation of child safety seats.

**Emergency decklid release** allows a person locked in trunk to escape.

### Personal Security Features

**SecuriLock® passive anti-theft ignition system** requires an electronically encoded key to start the vehicle.

**Active Anti-theft System** helps prevent unauthorized towing and entry when the vehicle is locked.

**Tire Pressure Monitoring System (TPMS)** alerts driver if tire pressure is low.

**Emergency Tire Inflation Kit** allows a flat tire to be temporarily reinflated and sealed to reach service.

## The Ford Commitment to Safety

New vehicle buyers expect a high level of built-in safety. Fulfill these expectations by demonstrating the comprehensive system of safety features engineered into every Ford vehicle.

- Demonstrate vehicle safety as a complete, integrated system, not as a list of individual features. Almost every design aspect — even down to such small details as the layout of the air conditioning controls — figures into the total safety picture
- Unlike any other vehicle feature or concept, every customer is concerned about safety to some degree
- Safety features "sell" — a convincing presentation combining safety and other motivators can win over prospects who are considering other brands
- Some safety features are more obvious than others. It's important to point out that there's much more to safety than airbags and safety belts
- See the Safety section of the Appendices book for more information

### Five-star Frontal Crash Test Rating

- Mustang Coupe earned a five-star frontal crash test rating for the driver and right front passenger
- Five stars is the highest rating in federal government crash tests
- Five-star rating indicates a 10 percent or less chance of serious injury in a frontal impact



## This page is about:

- All-Speed Traction Control
- Anti-lock Braking System (ABS)
- High Intensity Discharge (HID) Headlamps
- Personal Safety System®
- Front-seat Side Airbags
- Stiff Body Structure

# 2008 Shelby GT500

## Safety/Security

### All-Speed Traction Control

- Uses the ABS computer and sensors to monitor wheel slip at any speed
- Helps improve traction on slippery or loose driving surfaces by using brake and/or engine controls:
  - Braking at one or both drive wheels
  - Fuel injection cutoff
  - Ignition spark retard
- Aids driver confidence under poor road conditions — improving vehicle traction and steering control — without sacrificing dry pavement performance:
  - When the lane is slippery on one or both sides
  - Pulling out from icy parking lots or highway shoulders
  - During acceleration when cornering
- Power Start feature allows optimum wheel spin from a standing start on dry pavement

### Accident Avoidance

#### Anti-lock Braking System (ABS)

- Helps improve steering control in hard-braking situations, especially when the road is slippery
- Enhances braking by helping prevent wheel lockup
- When the sensors show wheel lockup, ABS electronically “pumps” the brakes several times per second
- Electronic Brake Force Distribution (EBD) automatically distributes braking power to the wheels where it will be most effective
- The four-channel system has more accurate wheel control because each wheel is controlled separately

#### High Intensity Discharge (HID) Headlamps

- HID lighting systems use a special quartz bulb with no filament. The bulb is filled primarily with xenon gas along with a small amount of mercury and other metal salts
- Bulb features two electrodes separated by a small gap (about 4mm or 3/16th inch). When high voltage current is applied to the electrodes, it excites the gases inside the bulb and forms an electrical arc between the electrodes
- Hot ionized gas produces a “plasma discharge” which generates an intense, bluish-white light
- Because there is no brittle filament inside a xenon HID bulb to break or burn out, the headlamps typically last up to three times longer than halogen headlamps (3000 hours versus 1000 hours of continuous operation, which is equivalent to 5 to 10 years of normal driving)

### Occupant Protection

#### Personal Safety System®

There's no such thing as a “typical” accident. That's why the Ford Personal Safety System tailors airbag usage to the severity of the crash, driver and passenger safety belt use, driver's-seat position and passenger classification. The system is a proven technology that has been used in a variety of Ford vehicles since 1999. Components of the Personal Safety System include:

- Dual-stage driver and front passenger airbags
- Electronic front crash severity sensor
- Driver's-seat position sensor
- Front outboard safety belt usage sensor
- Restraint Control Module
- Front outboard safety belt energy management retractors
- Front outboard safety belt pretensioners
- Front Passenger Sensing System (FPSS) — uses a seat weight sensor and safety belt tension sensor to determine the presence and weight of a front passenger. If the seat is unoccupied, or if the system senses a light load such as a child or a child safety seat, the passenger airbag is deactivated. This helps prevent unnecessary passenger airbag deployment

See the Safety section in the Appendices book for more information on the Personal Safety System and the Front Passenger Sensing System.

#### Front-seat Side Airbags

- Side airbags help protect front-seat occupants in certain side collisions
- Airbags deploy from the front seats to protect occupants' chest area
- Placed in the front seatbacks, so they are always in the optimum deployment position no matter where the seat is positioned
- Designed to help protect the lower portion of the body in certain side collisions

#### Stiff Body Structure

- Shelby GT500 shares its stiff chassis with the Mustang GT. It was designed from the beginning to handle the high torque demands of performance applications like the Shelby GT500
- 31 percent stiffer in torsion than the previous generation Mustang Coupe
- Twisting force of 15,500 lb.-ft. deforms the body by only 1 degree
- Creates a passenger “safety cage” to help protect cabin from deformation and intrusion
- Octagonal-shaped front frame rails spread crash forces evenly at the firewall and progressively deform for protection in offset frontal crashes
- High-strength side-door intrusion beams add structural stability and absorb energy to help prevent intrusions in the passenger compartment

# 2008 Shelby GT500

## Safety/Security

### SAFETY/SECURITY

This page is about:

- LATCH System (Lower Anchors and Tethers for Children)
- SecuriLock® Passive Anti-theft Ignition System
- Emergency Tire Inflation Kit
- Active Anti-theft System
- Tire Pressure Monitoring System

## Child Safety

### LATCH (Lower Anchors and Tethers for Children) System

- Consists of a top tether anchor point and two rigid bars located where the seat cushion meets the seatback
- Both rear seats offer LATCH provisions
- LATCH-compatible child safety seat attaches to the lower anchor points by means of flexible tethers or rigid latch bars
- LATCH eliminates the need to use the safety belts when installing a child safety seat, providing a secure attachment and helping to reduce the likelihood of incorrect installation
- Uniform installation method helps eliminate the confusion associated with a variety of safety belt systems

## Personal Security

### SecuriLock® Passive Anti-theft Ignition System

- Requires an electronically encoded ignition key (with billions of possible codes) to start the vehicle
- Designed to help prevent the engine from being started unless a coded key programmed to the vehicle is used

### Emergency Tire Inflation Kit

- Consists of an air compressor to reinflate the tire and a sealing compound to seal most punctures caused by nails or similar objects
- Seal is temporary. It lets drivers go up to 120 miles at a maximum speed of 50 mph to reach service
- Designed to seal most punctures smaller than 1/4 inch
- More details: vehicle Owner's Guide



### Tire Pressure Monitoring System (TPMS)

- Now standard, TPMS uses a tire pressure sensor mounted to a metal band and banded in the wheel's drop well
- Sensors use radio frequency transmitters to send tire pressure information to the vehicle's onboard computer
- The computer illuminates a warning light and sounds an audible tone when tire pressure is significantly low
- System is completely hidden from sight and uses a standard rubber valve stem
- Can be used on steel or aluminum wheels
- Replacing the tire can be easily done without removing the sensor
- TPMS provides a more accurate tire pressure reading because it measures actual tire pressure as opposed to wheel speed like the Low Tire Warning System
- Senses temperature-based pressure loss where all four wheels are affected
- Resetting the system is easy. Once tire pressure has been restored to its recommended level, TPMS-equipped vehicles simply need to be driven over 20 mph for at least 2 minutes to be reset

### Active Anti-theft System

- Engages when locking and arming the vehicle with the remote transmitter or power door lock switch with a door open
- When all doors are closed, the system monitors doors, hood, trunk, interior motion and vehicle inclination
- Inclination sensor helps prevent tow-away thefts
- Interior motion sensor helps prevent "smash and grab" break-ins
- Includes a separate alarm sounder plus the vehicle horn
- Also has a 60-amp-hour battery to sound the alarm longer
- Locking the vehicle with the ignition key in the driver's door arms the doors, hood and trunk, but blocks the motion and inclination sensors
- Use this method if interior motion is expected, during vehicle transport or when hoisting
- All windows must be closed for proper motion sensing performance

### ENGINEERING INSIGHT: TPMS Warning Light

Low Tire Warning Light	Customer Action Required
<b>Solid Warning Light</b> 	<p>Check tire pressure to ensure proper inflation. Ford recommends a digital or dial-type tire pressure gauge for increased accuracy.</p> <ul style="list-style-type: none"> <li>• After inflating cold tires to manufacturer's recommended pressure as shown on the tire label, the vehicle must be driven for at least 2 minutes at over 20 mph to turn the light off and reset the system</li> <li>• If the light remains on even after these steps have been taken, have the system inspected by the dealership Service Department</li> </ul> <p><b>NOTE:</b> If the outside overnight temperature is significantly lower than the daytime temperature, tire pressure may decrease 1 psi for every 10 degrees F in temperature change. This may cause the TPMS warning to illuminate. If all tires appear to be inflated, customers should manually check the pressure and inflate all the tires to the recommended cold pressure.</p>
<b>Flashing Warning Light</b> 	<ul style="list-style-type: none"> <li>• Driving on the spare tire may activate the TPMS warning light, causing it to flash for 75 seconds followed by a solid light. Repair the damaged road wheel and remount it on the vehicle. Reset the TPMS by driving at over 20 mph for at least 2 minutes</li> <li>• If the tires are inflated to the manufacturer's recommended pressure and the spare tire is not in use, have the system inspected by the Service Department</li> <li>• See the vehicle Owner's Guide for more information</li> </ul>

## AUDIO/NAVIGATION

### This page is about:

- Shaker 500 AM/FM Stereo/6-disc  
In-dash CD/MP3 Capability
- Shaker 1000 AM/FM Stereo/6-disc  
In-dash CD/MP3 Capability
- SIRIUS Satellite Radio

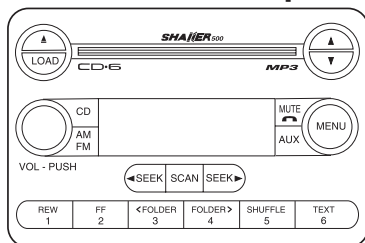
# 2008 Shelby GT500

## Audio/Navigation

### All Shelby GT500 Audio Systems Include

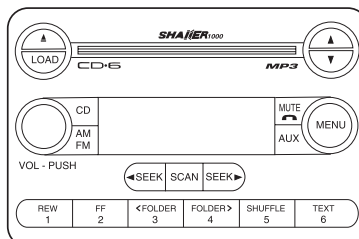
- Station Memory Presets — 12 FM, 6 AM
- Autoset (AST) automatically locates 6 strongest AM or FM station signals
- Auxiliary audio input jack
- Digital clock
- 10-minute operation with ignition off

### Shaker 500 AM/FM Stereo/6-disc In-dash CD/MP3 Capability



- 6-disc in-dash CD player with MP3 capability
- Plays MP3 discs (up to 255 songs per disc) in flat mode or folder mode
- **8-speaker system** has 240 watts of average power and 480 watts of peak power
  - One 1-inch tweeter in each door
  - One 5½ x 7½-inch midrange speaker in each door
  - One 8-inch subwoofer in each door
  - Two full-range speakers in back
  - Two subwoofer amplifiers mounted in instrument panel
- **Folder/track mode** allows the audio system to play and seek through disc tracks with or without folder option (available with MP3 discs only)
- **RDS (Radio Data System) function** when selected, allows the following:
  - Only for FM radio stations supporting RDS capability
  - Radio station call letters appear on radio display
  - Type of music format appears on radio display
  - Search for type of music format
  - Traffic information broadcasts
- **Occupancy setting** allows for one of three vehicle acoustic settings to be chosen
- **Speed Compensated Volume (SCV)** compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal. Allows 7 volume adjustment levels. Adjustable through the menu
- **Compression** allows the audio dynamic range to be compressed so quieter music is boosted and louder music is lowered to compensate for ambient noise level when enabled during CD mode
- **Repeat** will play the selected track continuously until Repeat is deactivated when enabled during CD mode
- **Shuffle** plays CD/MP3 tracks in random order
- **Folder** button allows access to the MP3 folder

### Shaker 1000 AM/FM Stereo/6-disc In-dash CD/MP3 Capability



Includes or replaces features of Shaker 500 AM/FM stereo/6-disc in-dash CD/MP3 capability plus:

- **"Shaker" mode** for enhanced bass performance
- **10-speaker system** has 580 watts of average power, 1160 watts of peak power
  - One 1-inch tweeter in each door
  - One 5½ x 7½-inch midrange speaker in each door
  - One 8-inch subwoofer in each door
  - Two full-range speakers in the back
  - Two 10-inch subwoofers in the trunk
  - Two subwoofer amplifiers mounted in the instrument panel
  - Four subwoofer amplifiers mounted in the trunk panel

### SIRIUS Satellite Radio

- Includes 6 months of SIRIUS service
- Order Code 62S must be specified. This will equip the vehicle with necessary vehicle-to-radio interface and antenna
- Unit is preactivated from the factory
- SIRIUS Satellite Radio can be accessed using existing radio head controls:
  - **Aux button** — press and release to enter satellite radio mode
  - **Seek/Scan** — use these buttons to change channels
- Key benefits of SIRIUS Satellite Radio include:
  - Over 130 channels of the best music, talk, news and information (65 music channels)
  - 100 percent commercial-free music
  - Seamless coverage anywhere in the contiguous U.S.
- More information is available online at [www.sirius.com](http://www.sirius.com) or toll-free at (888) 539-SIRIUS (7474)

### For More Audio Information

- Audio availability: See the latest Dealer Ordering Guide
- Operating information: See the vehicle Owner's Guide

# 2008 Shelby GT500

## Audio/Navigation

### AUDIO/NAVIGATION

#### This page is about:

- Navigation System
- Auxiliary Audio Input Jack

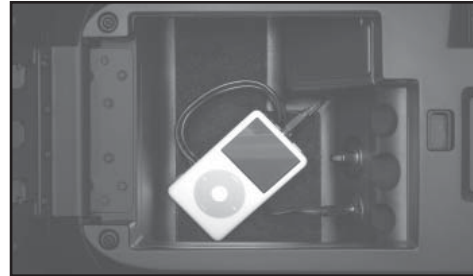
### Navigation System



Includes or replaces features of the Shaker 500 or Shaker 1000 system with 6-disc in-dash CD/MP3 capability plus:

- **Voice activation** recognizes certain voice commands to operate the system hands-free
- Crisp, color LCD display
- **Large 6.5-inch touch screen** operates navigation and audio functions
- One DVD with map data for the contiguous U.S. and Canada
- DVD inserts into system Electronic Control Unit (behind the touch screen)
- **Destination selection** search methods include:
  - Street address
  - Point of Interest (POI)
  - Freeway entrance/exit search
  - Previous destination
- **Turn-by-turn voice directions** include street name pronunciations
- Supports North American English, Canadian French and North American Spanish
- **Help menu** for basic operation, driving restrictions and navigation DVD
- **Automatic Rerouting** recalculates a new route if a turn is missed
- **Emergency Button** provides nearest emergency facility to choose as a destination (hospital or police)
- **Valet Lockout Mode** disables operation of the Navigation System
- **Address Book** saves the most frequently used destinations for quick and easy routing

### Auxiliary Audio Input Jack



- Standard with all audio systems
- Allows the use of portable MP3 players
- Vehicle audio system will not control the functions of the MP3 player

### For More Audio Information

- Audio availability: See the latest Dealer Ordering Guide
- Operating information: See the vehicle Owner's Guide


# 2008 Shelby GT500

## Wheels, Interior Trim, Striping Options

**This page is about:**

- Wheels
- Interior Trim
- Striping Options

### Wheels

Wheel	Coupe	Convertible
18" Bright Machined Aluminum Wheel 	Standard	Standard

### Interior Trim

Interior Trim Type and Color Selector <small>NOTE: First character denotes type, second character denotes color.</small>	Interior Colors	
	Charcoal Black/ Charcoal Black	Charcoal Black/ Crimson Red
GT500 Coupe or Convertible	GW	GR

### Striping Options

Exterior Colors	Interior Colors	
	Charcoal Black/ Charcoal Black	Charcoal Black/ Crimson Red
<b>Coupe</b>		
	Over-the-Top Tape Stripe Color Choices	
Alloy Clearcoat Metallic	Satin Silver	Satin Silver
Ebony Clearcoat	Alloy or Oxford White	Alloy or Oxford White
Grabber Orange Clearcoat	Ebony or Oxford White	—
Performance White Clearcoat	Alloy, Ebony or Vista Blue	Alloy or Ebony
Torch Red Clearcoat	Ebony, Oxford White or Satin Silver	Ebony, Oxford White or Satin Silver
Vapor Clearcoat Metallic	Ebony	Ebony
Vista Blue Clearcoat Metallic	Oxford White	—

Exterior Colors	Interior Colors	
	Charcoal Black/ Charcoal Black	Charcoal Black/ Crimson Red
<b>Convertible</b>		
	Lower Tape Stripe Color Choices	
Alloy Clearcoat Metallic	Satin Silver	Satin Silver
Ebony Clearcoat	Alloy or Oxford White	Alloy or Oxford White
Grabber Orange Clearcoat	Ebony or Oxford White	—
Performance White Clearcoat	Alloy, Ebony or Vista Blue	Alloy or Ebony
Torch Red Clearcoat	Ebony, Oxford White or Satin Silver	Ebony, Oxford White or Satin Silver
Vapor Clearcoat Metallic	Ebony	Ebony
Vista Blue Clearcoat Metallic	Oxford White	—



# 2008 Shelby GT500

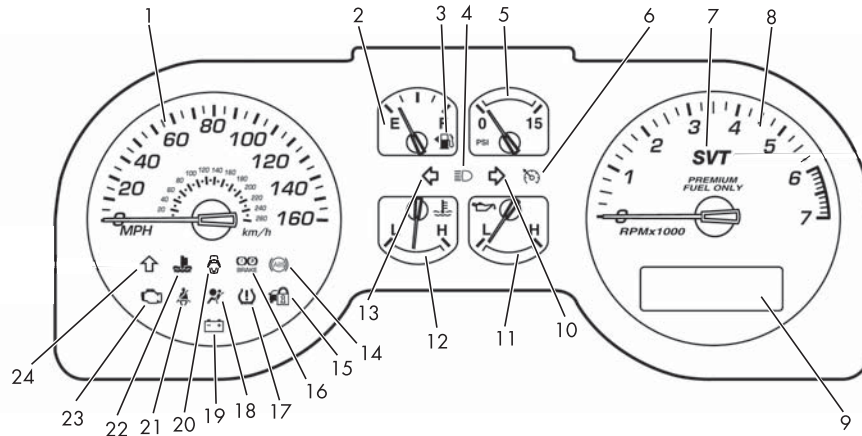
## Instrument Cluster

INSTRUMENT CLUSTER

This page is about:

Instrument Cluster

### Instrument Cluster



Shelby GT500

- |  |  |  |
|--|--|--|
| 1. Speedometer                           | 11. Engine oil pressure gauge                                    | 18. Airbag readiness indicator/<br>warning light |
| 2. Fuel gauge                            | 12. Engine coolant temperature gauge                             | 19. Charging system warning light                |
| 3. Fuel filler door location indicator   | 13. Left turn signal indicator                                   | 20. Door ajar warning light                      |
| 4. High-beam indicator                   | 14. Anti-lock Braking System (ABS)<br>readiness/warning light    | 21. Fasten safety belt warning light             |
| 5. Supercharger boost gauge              | 15. Anti-theft system active<br>indicator light                  | 22. Engine coolant temperature<br>warning light  |
| 6. Cruise control active indicator light | 16. Brake system warning light/<br>parking brake indicator light | 23. Check engine warning light                   |
| 7. Performance shift indicator           | 17. Low tire pressure warning light                              | 24. Upshift indicator light                      |
| 8. Tachometer                            |  |  |
| 9. Message center                        |  |  |
| 10. Right turn signal indicator          |  |  |

## 2008 Shelby GT500

Key Product Specifications<sup>(1)</sup>

Model	Coupe	Convertible
Wheelbase	107.1	107.1
Overall Length	187.6	188.0
Height	55.4	55.7
Overall Width	73.9	73.9
Track Width (front/rear)	61.9/62.5	61.9/62.5
Curb Weight (approx. lbs.)	3920	4040
Weight Distribution (front/rear, %)	57/43	56/44

**Front/Rear Seating**

Seating Capacity	4	4
Head Room (front/rear)	38.6/34.7	38.8/36.3
Shoulder Room (front/rear)	55.4/53.4	55.4/45.0
Hip Room (front/rear)	53.6/46.8	53.6/45.2
Leg Room (front/rear)	42.7/30.3	42.7/30.3

**Passenger/Luggage/Fuel Capacity**

SAE Volume (minus trunk) (cu. ft.)	84.7	81.6
Luggage Capacity (cu. ft.)	13.1	9.7
EPA Volume (cu. ft.)	97.8	91.3
Fuel Tank Capacity (gal.)	16.0	16.0

**Engine**

Driveline Layout	Front engine, rear drive
Engine Type	5.4L DOHC Supercharged V-8
Displacement (liters/cu. in.)	5.4/330
Horsepower @ rpm	500 @ 6000
Torque (lb.-ft.) @ rpm	480 @ 4500
Compression Ratio	8.4:1
Bore and Stroke	3.552 x 4.165
Construction	Cast-iron block with aluminum heads
Intake Manifold	Cast-aluminum
Supercharger	Roots-type with air-to-water intercooler
Boost	9.0 psi
Exhaust Manifold	Cast iron
Crankshaft	Forged steel
Throttle Body	Dual bore 60mm, electronic
Valvetrain	DOHC, 4 valves per cylinder
Valve Diameter	Intake: 37.0mm Exhaust: 32.0mm
Pistons	Forged aluminum
Connecting Rods	Forged steel I-Beams
Ignition	Coil-on-plug
Redline	6250
Oil Capacity	6.5 quarts, 5W-50 Full Synthetic
Coolant Capacity	21 quarts, engine <sup>(2)</sup>
Fuel System	Sequential Multi-port Fuel Injection
Fuel Requirement	93 octane (minimum)
Fuel Economy (city/hwy. mpg)	14/20
Exhaust System	Dual with catalytic converters and "X" crossover pipe

**Transmission**

Type	Tremec 6-speed manual
Final Drive Ratio	3.31:1

**Gear Ratios**

	1st	2nd	3rd	4th	5th
6-speed Manual	2.97:1	1.78:1	1.30:1	1.0:1	0.80:1
	6th	Rev.			
	0.63:1	NA			

**Front Suspension**

Type	Independent MacPherson struts with Reverse-L lower control arm
Springs	Coil
Shock Absorbers	Twin tube, gas-pressurized hydraulic
Stabilizer Bar Diameter	34mm

**Rear Suspension**

Type	Solid-axle 3-link with Panhard rod
Springs	Coil
Shock Absorbers	Twin tube, gas-pressurized hydraulic
Stabilizer Bar Diameter	24mm

**Steering**

Type	Rack-and-pinion
Overall Ratio	15.7:1
Turning Diameter, Curb-to-Curb (ft.)	37.0

**Brakes**

Standard	Power four-wheel disc with Anti-lock Braking System (ABS) and Electronic Brake Force Distribution (EBD)
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**Trailer Towing**

Towing Class	Not recommended
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(1) All dimensions in inches unless otherwise noted.

(2) Engine-fill only. Does not include four extra quarts of coolant for supercharger intercooler.

NA = Information not available at time of publication.