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## WHAT'S NEW

### This page is about:


- Key Messages
- Interior Changes
- Exterior Changes
- Option Changes
- Package Changes
- Key Competitors

# 2009 Mustang

## What's New

### Overview

#### Key Messages

Mustang	Key Messages
	<ul style="list-style-type: none"> <li>• Mustang features well-equipped arrays to provide customers key appearance and performance-oriented equipment</li> <li>• Interior appearance and package upgrades help Mustang maintain leadership in the Sports Car segment</li> <li>• 45th Anniversary badging</li> <li>• New Brilliant Silver exterior color</li> <li>• Revised Warrior in Pink Package</li> <li>• New glass roof option</li> </ul>

#### Interior Changes

- V6 and GT Premium models now have the following features standard:
  - Ambient interior lighting
  - Premium Interior
  - Satin aluminum instrument panel
  - SIRIUS® Satellite Radio

#### Exterior Changes

- 45th Anniversary fender badging will appear on all models except those equipped with the Bullitt, GT California Special and Warriors in Pink Packages
- Exterior color added:
  - Brilliant Silver Clearcoat Metallic (U)
- Exterior color deleted:
  - Silver Clearcoat Metallic

#### Option Changes

- Glass Roof available on V6 and GT Premium coupe models
  - Available with Charcoal Black, Black/Red or Black/Chamois interior color combinations
  - Not available with Bullitt Package (54B), GT California Special (54C) or Racing Stripes (47A)

#### Package Changes

- GT Security Package is new and includes:
  - Active anti-theft system
  - Wheel locking kit
- Warriors in Pink Package has been revised and includes:
  - New billet-style grille without fog lamps
  - New wide pink hood stripe
  - New pink ribbon Mustang rocker stripe
  - Pink ribbon and pony fender badge
  - GT leather-trimmed Charcoal seats with pink contrast stitching
  - Charcoal floor mats with pink trim and pink embroidered ribbon and pony logo
  - Aluminum-spoke steering wheel with pink contrast stitching
  - Available as V6 Premium Coupe or Convertible; requires automatic transmission
  - Available in Black, Performance White and Brilliant Silver Metallic exterior colors

#### Key Competitors

Mustang V6 (Price/Value Competitors)	Mustang GT (Performance Competitors)
<ul style="list-style-type: none"> <li>• <b>Chrysler Sebring Convertible</b> is marketed as an athletic convertible appealing to “independent individuals who love a feature-filled vehicle offering performance, handling and comfort”</li> <li>• <b>Hyundai Tiburon</b> targets price-conscious and practical performance car buyers wanting a handsome, well-appointed sports car</li> <li>• <b>Mitsubishi Eclipse</b> appeals to the image-conscious customer wanting performance and many features in a sporty package</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Dodge Challenger</b> is all-new for 2009 and is offered in three models: an SE with a 250-horsepower V6, an R/T with a 370-horsepower HEMI® 5.7L V8 and an SRT8 with a 425-horsepower HEMI® 6.1L V8. All three models offer the “thrill of pony performance” coupled with cutting-edge technology.</li> <li>• <b>Mazda RX-8</b> with 232 horsepower, targets the price-conscious wanting real sports car bang for the buck, in a car that’s both technologically advanced and different</li> <li>• <b>Nissan 350Z</b> is designed to appeal to the high-performance sports car purist, with claimed “F1 car styling and agility, and powered by a 300-horsepower high-tech V6 engine”</li> </ul>

NOTE: See the latest Dealer Ordering Guide for feature availability.

# 2009 Mustang

## What's Important

WHAT'S IMPORTANT

This page is about:

Product Highlights

### Product Highlights

#### KEY MUSTANG FEATURES

**Unmistakable Mustang styling**  
(pgs. 19 – 23)

**V6 and V8 power**  
(pgs. 7, 8, 9, 12)

**MyColor™ instrument cluster**  
(pg. 19, 21)

**Large four-wheel disc brakes**  
(pgs. 7, 11)



**Glass Roof**  
(pgs. 13, 14)

**Bullitt Package**  
(pgs. 19, 22)

**Rear-wheel drive with solid rear axle**  
(pg. 9)

#### Performance/Handling

- 4.0L SOHC V6 engine
- 4.6L 3-valve SOHC V8 engine with deep skirt aluminum block
- 5-speed transmission
- MacPherson strut front suspension
- Solid-axle 3-link rear suspension with Panhard rod
- Rear-wheel drive
- Traction-Lok rear differential
- Rack-and-pinion steering
- Large four-wheel disc brakes
- All-season Z-rated performance tires

#### Comfort/Convenience

- Glass roof
- Ambient interior lighting
- Auxiliary audio input jack
- 1000-watt Shaker audio system with 6-disc in-dash CD changer/MP3 capability and 10 Premium speakers
- Navigation System
- SIRIUS® Satellite Radio
- Spring-assisted front seatbacks
- Split-folding rear seatbacks (Coupe)
- Battery Saver
- Remote Keyless Entry System
- Tilt steering wheel with cruise control

#### Safety/Security

- Five-star frontal crash test ratings
- All-Speed Traction Control
- Four-channel Anti-lock Braking System (ABS)
- Stiff body structure
- Personal Safety System®
- Front-seat side airbags
- Tire Pressure Monitoring System (TPMS)
- LATCH (Lower Anchors and Tethers for CHildren) System
- SecuriLock® passive anti-theft system
- Active anti-theft system
- Fail-safe cooling system (GT)
- Wheel locking kit

#### Design/Styling

- HID (High-Intensity Discharge) headlamps
- Mustang Convertible (V6 or GT)
- Unmistakable Mustang styling
- Classic long hood with short decklid
- Contemporary design with classic Mustang cues
- Side scoops and rear quarter glass
- Rear decklid spoiler
- V6 Pony Package
- GT California Special
- Exterior Sport Appearance Package
- V6 Warriors in Pink Package
- Bullitt Package
- V6 Appearance Package
- Short-drop side glass
- Industry-first MyColor™ instrument cluster
- Clean center stack design
- Heritage 3-spoke steering wheel
- 17- and 18-inch aluminum wheels

#### Quality/Reliability/Durability

- 24-Hour Roadside Assistance
- Stainless steel exhaust system
- 90,000-mile spark plug maintenance interval<sup>(1)</sup>
- 5-year/60,000-mile Powertrain Limited Warranty
- 6-month/7500-mile oil change interval<sup>(1)</sup>

(1) Under normal driving conditions with regular fluid and filter changes. See vehicle Owner's Guide.

**NOTE:** See the latest Dealer Ordering Guide for feature availability.

## MODEL LINEUP

This page is about:

— V6 Coupe and Convertible

# 2009 Mustang Model Lineup

Mustang

## Model Lineup Pages

The Model Lineup pages are based on the Dealer Ordering Guide and are designed to show key features/equipment on 2009 Mustang. As you move through the model lineup, each model adds to or upgrades the equipment of the preceding model, except where additions/exemptions are noted. The Mustang Coupe and Convertible are available in four models:

- V6
- V6 Premium
- GT
- GT Premium

## V6 Coupe and Convertible — Standard model



### Performance/Handling

- Axle ratio — 3.31:1
- Brakes — large, vented 4-wheel disc
- Engine — 4.0L SOHC V6
- Transmission — Tremec T5 5-speed manual
- Suspension, front — MacPherson strut
- Suspension, rear — solid axle 3-link with Panhard rod
- Tires — P215/65R16 all-season

### Comfort/Convenience

- Air conditioning — manual
- Audio:
  - Premium AM/FM stereo with single CD
  - Auxiliary audio input jack
- Auxiliary power points (2)
- Console — center with full armrest and storage
- Cruise control — steering-wheel-mounted
- Cup holders (2)
- Door locks — power
- Defroster — rear window
- Floor mats — color-keyed carpeted front with driver retention hook
- Fold-flat rear seats (Coupe only)

- Footrest — driver
- Lights, interior:
  - Header-mounted dome
  - Lighted bezel (Convertible)
- Map pockets — front doors
- Mirrors, exterior — dual power, side-mounted
- Rear window defroster
- Remote keyless entry
- Seats:
  - Manual 2-way adjustable passenger
  - Manual 4-way adjustable driver with height adjust
  - Split-fold 50/50 rear (Coupe)
  - Fixed rear seatbacks (Convertible)
- Steering wheel — tilt with cruise controls
- Top — power with glass rear window (Convertible)
  - 5-bow design
  - Black soft boot
- Windows — power with one-touch down driver window
- Windshield wipers — variable interval

### Safety/Security

- Belt-Minder®
- Front-seat side airbags
- Illuminated entry
- LATCH (Lower Anchors and Tethers for CHildren) System
- Personal Safety System®
- Safety belt restraint system — manual 3-point shoulder and lap safety belt system on all seating positions
- SecuriLock® passive anti-theft ignition system
- Side door intrusion beams
- Spare tire/wheel — mini
- Tire Pressure Monitoring System (TPMS)

### Design/Styling

- Headlamps — complex reflector halogen
- Instrument cluster — chrome accent four-gauge instrument cluster and air registers
- Moldings — Black rocker
- Wheels — 16-inch painted aluminum with bright machined face

### Quality/Reliability/Durability

- Exhaust — stainless steel single

**NOTE:** The above information is an excerpt to be used with pages 2 and 3 of the 4/1/08 Mustang Dealer Ordering Guide. For more information and the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

# 2009 Mustang Model Lineup

## MODEL LINEUP

### This page is about:

- V6 Premium Coupe and Convertible —
- GT Coupe and Convertible —
- GT Premium Coupe and Convertible —

### V6 Premium Coupe and Convertible — Includes all V6 content, plus:



#### Comfort/Convenience

- Ambient interior lighting
- Audio:
  - Shaker 500 Audio System (AM/FM stereo w/CDx6, 8 speakers and MP3 capability)
  - SIRIUS® Satellite Radio
- Seats — 6-way power adjustable driver w/2-way adjustable head restraint and power lumbar

#### Design/Styling

- Premium Interior:
  - Bright shift knob
  - Dark Charcoal door panels
  - Leather-wrapped steering wheel
  - Message center
  - Polished instrument gauge cluster
  - Satin aluminum steering-wheel spokes, interior door latches, vent covers and scuff plates

- Satin aluminum instrument panel appliqué
- Wheels — 16-inch painted aluminum with bright machined face and chrome spinner

### GT Coupe and Convertible — Includes all V6 content, plus:



#### Performance/Handling

- Axle — rear limited-slip differential
- Engine — 4.6L 3V SOHC V8
- Transmission — Tremec TR3650 5-speed manual
- Tires — P235/55ZR17 performance all-season

#### Comfort/Convenience

- Seats — 6-way power adjustable driver w/2-way adjustable head restraint and power lumbar

#### Safety/Security

- Anti-lock Braking System (ABS)
- Traction control

#### Design/Styling

- Fog lamps — front, in-grille
- Moldings — color-keyed rocker
- Spoiler — rear
- Wheels — 17-inch premium painted aluminum

#### Quality/Reliability/Durability

- Exhaust — stainless steel dual

### GT Premium Coupe and Convertible — Includes all GT content, plus:



#### Comfort/Convenience

- Ambient interior lighting
- Audio:
  - Shaker 500 Audio System (AM/FM stereo w/CDx6, 8 speakers and MP3 capability)
  - SIRIUS® Satellite Radio

#### Design/Styling

- Premium Interior:
  - Bright shift knob
  - Dark Charcoal door panels
  - Leather-wrapped steering wheel
  - Message center
  - Polished instrument gauge cluster
  - Satin aluminum steering wheel spokes, interior door latches, vent covers and scuff plates

- Satin aluminum instrument panel appliqué

- Seats — leather-trimmed sport bucket

**NOTE:** The above information is an excerpt to be used with pages 2 and 3 of the 4/1/08 Mustang Dealer Ordering Guide. For more information and the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

**MODEL LINEUP****This page is about:**

— Optional Equipment

# 2009 Mustang Model Lineup

Mustang

**Ordering Made Easy**

Ford has developed Fast Turn Orders (FTOs) based upon extensive analysis of dealer sales performance and the fastest turning vehicle configurations. Suggested FTOs are available within the Mustang Ordering Guide.

## Optional Equipment

**Mustang Coupe and Convertible**

	V6	V6 Premium	GT	GT Premium
<b>Performance/Handling</b>				
Transmission — 5-Speed Automatic Transmission	O	O	O	O
3.55 Rear Axle Ratio (Manual Transmission Only)	—	—	—	O
<b>Comfort/Convenience</b>				
Audio:				
Shaker 500 Audio System — AM/FM Stereo w/In-Dash CDx6, MP3 Capability & 8 Speakers	—	S	O	S
Shaker 1000 Audio System — AM/FM Stereo w/In-Dash CDx6, MP3 Capability & 10 Premium Speakers (requires V6 Safety & Security Package on V6 Premium)	—	O	—	O
Glass Roof (Coupe only)	—	O	—	O
Seats:				
Leather-trimmed Seats — Buckets	—	O	—	—
Leather-trimmed Seats — Sport Buckets	—	—	O	S
Navigation System, Touch Screen	—	O	—	O
<b>Safety/Security</b>				
Active Anti-Theft System (incl. perimeter inclination & intrusion alarms)	—	—	O	O
GT Security Package	—	—	O	O
V6 Safety & Security Package	O	O	—	—
<b>Design/Styling</b>				
Bullitt Package (Coupe only)	—	—	—	O
Comfort Group	—	O	—	O
Convertible Top — Cloth	—	O	O	O
GT Appearance Package	—	—	O	O
GT California Special	—	—	O	O
HID (High-Intensity Discharge) Headlamps	—	O	—	O
Premier Trim with Color Accent Package	—	—	—	O
Soft Boot (Convertible only)	—	O	O	O
Spoiler Delete Option	—	—	O	O
Sport Exterior Appearance Package	O	O	—	—
Tape Stripe Delete (available on V6 Pony Package 54P and Exterior Sport Appearance Package 54V)	O	O	—	—
V6 Appearance Package	—	O	—	—
V6 Pony Package	—	O	—	—
V6 Warriors in Pink Package	—	O	—	—
Wheels:				
17" Bright Machined Cast Aluminum	—	O	O	O
18" Premium Painted Aluminum (includes P235/50/ZR18 A/S Tire)	—	—	O	—
18" Premium Polished Forged (Coupe only)	—	O	—	—
18" Polished Aluminum (includes P235/50/ZR18 A/S Tire)	—	—	—	O
Woven Charcoal Aluminum Instrument Panel Appliqué with Ribbed Pattern (requires Interior Upgrade Package)	—	—	—	O

S = Standard    O = Optional    — = Not Available

**NOTE:** The above information is an excerpt to be used with page 6 of the 4/1/08 Mustang Dealer Ordering Guide.  
For the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

# 2009 Mustang

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- 4.0L SOHC V6 Engine
- 4.6L 3-valve SOHC V8 Engine
- 5-speed Automatic Transmission
- MacPherson Strut Front Suspension
- Solid-axle 3-link Rear Suspension with Panhard Rod
- Large Four-wheel Disc Brakes

## Overview

### Key Messages

#### Mustang



- Mustang continues to build on its reputation of traditional rear-wheel drive pony car performance
- Choice of a powerful, yet fuel-efficient 4.0L V6 engine or the extra performance of a 4.6L 3-valve V8 engine
- The coil-over MacPherson strut front suspension with reverse "L" lower arms redefines precision handling and responsiveness without sacrificing ride quality
- A three-link, solid-axle rear suspension with outboard-mounted shocks and a Panhard rod delivers off-the-line performance and handling

### Key Features

#### Powertrain

**4.0L SOHC V6 engine** features a naturally balanced 60-degree design, delivers a healthy 210 horsepower and 240 lb.-ft. of torque and is mated to a Tremec T5 5-speed manual transmission.

**4.6L 3-valve SOHC V-8 engine** is standard on GT models and packs a 300-horsepower punch with 3-valves-per-cylinder, variable-valve timing and charge motion control valves helping to ensure a balance of horsepower and fuel economy. A Tremec TR3650 5-speed manual transmission is standard.

**5-speed automatic transmission** includes closely spaced ratios to keep the engine in its powerband for optimum acceleration under wide-open throttle. Wide overall ratio gives remarkably good fuel economy.

#### Suspension and Chassis

**MacPherson strut front suspension** uses friction-reducing geometry for precise tuning of the shock absorber valves for remarkable ride and handling.

**Solid-axle 3-link rear suspension with Panhard rod** provides precise control of the rear axle. Central upper control arm and trailing arms are designed for smooth, consistent launches.

**Large four-wheel disc brakes** include vented front and rear rotors to help keep brakes cool. Dual-piston front brake calipers help provide good pedal feel with little effort.

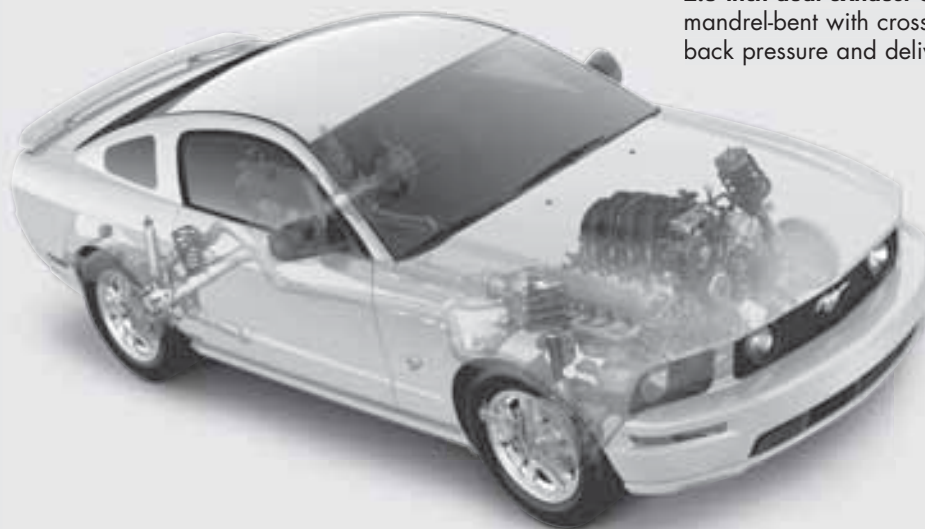
**Rack-and-pinion steering** provides crisp turn-in and excellent response.

**Z-rated performance tires** provide a large contact patch for precise handling and offer all-season traction.

**Rear-wheel drive** provides good off-the line performance and weight distribution for exceptional handling.

**Traction-Lok rear differential** is a limited-slip design that offers improved traction and performance on slippery or uneven surfaces.

**2.5-inch dual exhaust** on the GT is stainless steel and mandrel-bent with crossover balance tube to help reduce back pressure and deliver the classic Mustang exhaust note.



## PERFORMANCE/HANDLING

## This page is about:

- 4.0L SOHC V6 Engine
- 4.6L 3-valve SOHC V8 Engine
- Efficient Combustion, Better V8 Performance
- Common Engine Features
- Powertrain Combinations

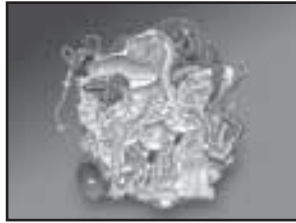
# 2009 Mustang

## Performance/Handling

### Engines

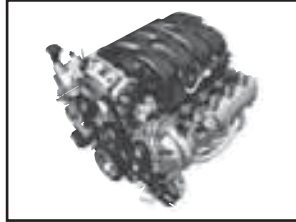
#### 4.0L SOHC (Single Overhead Cam) V6 Engine

- 60° V6 engine is a naturally balanced V design built to be smooth
- Specific camshaft grind, enhanced fuel-injection system and reduced evaporative linkage were designed to make this engine a powerful, reliable, yet economical alternative to the V8
- Delivers an impressive 26 mpg highway with the manual transmission
- Girdled crankcase designed to provide increased strength and durability
- Lightweight design helps the vehicle maintain a near 50/50 weight distribution front to rear



#### 4.6L 3-valve SOHC V8 Engine

- 65 horsepower per liter is sure to please the enthusiasts
- Lightweight, deep-skirt aluminum block for optimum stiffness and strength. It's 75 pounds lighter than a comparable cast iron design. Key areas are reinforced to add rigidity without adding weight
- 3-valves-per-cylinder design — 2 intake, 1 exhaust — substantially improves engine breathing. It has a more direct, ported-style path to the valves for better airflow at peak engine speeds
- Center-mounted spark plugs help ensure more efficient combustion
- Coil-on-plug configuration allows more precise spark control while freeing valuable underhood space
- Intake with tuned runners incorporates a low-profile 55mm dual bore throttle body connected to an intake tube drawing cold air from outside the engine compartment
- Combination of technologies allows the engine to run a high compression ratio (9.8:1) with regular, 87-octane fuel



#### Engine Features

- Composite intake manifold provides the right balance of maximum airflow
- Tuned-length cast iron exhaust manifolds and 2.5-inch exhaust pipes help the engines breathe better, optimize exhaust flow and deliver an exhaust note that's classic Mustang
- Electronic throttle control gives excellent response and efficiency over a wide range of operating conditions. Also reduces noise and vibration by eliminating the mechanical linkage
- Hydromount liquid-filled engine mounts absorb engine vibrations. Composite cam covers, dual-mode crankshaft damper and coated pistons all work to produce a smooth, quiet ride

#### ENGINEERING INSIGHT: Fail-safe Cooling System (FSCS)

FSCS is designed to help protect the Mustang GT V8 engine from potential damage. If the engine overheats, it automatically switches from 8-cylinder operation to alternating 4-cylinder operation. The vehicle operates at limited engine power, allowing the driver to travel a short distance to a service facility. The distance the vehicle can travel depends on load, outside temperature and road conditions.

#### ENGINEERING INSIGHT: Audio listening Laboratory

Mustang GT is known for the signature growl of its V8 engine. Powertrain and sound engineers worked in a sound laboratory to test and tune the exhaust note of the Mustang GT. The lab is used to conduct blind studies with engineers and customers to ensure the V8 has an exhaust note that is pure Mustang.

#### Efficient Combustion, Better V8 Performance

- Charge Motion Control Valves (CMCV) help improve combustion. At low engine speeds the valves are closed to induce a tumbling effect for thorough mixing and more efficient burn. At higher speeds the valves open for maximum flow into the combustion chambers at wide-open throttle
- Variable Cam Timing (VCT) allows valves to operate at optimum points in the combustion cycle, tailored to the engine's load and speed

### Powertrain Combinations

Powertrain Engine/Transmission	Horsepower (SAE net @ rpm)	Torque (lb.-ft. @ rpm)
4.0L SOHC V6/5-speed Manual	210 @ 5300	240 @ 3500
4.0L SOHC V6/5-speed Automatic		
4.6L 3-valve SOHC V8/5-speed Manual	300 @ 5750	320 @ 4500
4.6L 3-valve SOHC V8/5-speed Automatic		

# 2009 Mustang

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- 5-speed Manual Transmissions
- 5-speed Automatic Transmission
- Rear-wheel Drive Advantages
- Solid Rear Axle Advantages
- Differential
- Traction-Lok Rear Differential

## Transmissions

### 5-speed Manual Transmissions

- Tremec T5 transmission is standard with V6
- Tremec TR3650 transmission is standard on GT
- Performance-oriented shifting for the driving enthusiast
- Remote shift linkage provides positive gear engagement and solid feel without shifter "notchiness"
- Hydraulic clutch improves clutch engagement and reduces pedal effort
- Flange coupling to the driveshaft instead of a splined connection, gives excellent balance and reduced lash
- Fifth gear overdrive reduces engine rpm at highway speeds for increased fuel economy and quiet operation

### 5-speed Automatic Transmission

- Closely spaced ratios keep the engine in its powerband to produce better acceleration, especially under wide-open throttle
- Low first gear provides quick off-the-line acceleration and the wide ratio span helps keep the engine in its "sweet spot," the optimal range for maintaining its highest output
- Tall overdrive gear benefits highway fuel economy
- Powertrain control computer precisely controls shift duration and timing based on throttle position, engine speed, load, environmental factors and a host of other parameters

## Rear-wheel Drive

### Rear-wheel Drive Advantages

- Provides excellent handling and balanced performance especially through turns, thanks to a more even front-to-rear weight distribution compared to front-wheel-drive systems
- Provides better steering and handling by spreading tire loads to all four tires, compared to a front-wheel-drive system where the front tires are required to manage both steering and acceleration loads
- Eliminates torque steer, the annoying pulling to the left or right during hard acceleration in a front-wheel-drive vehicle, caused by the imbalance of driving force between the front wheels

### Solid Rear Axle Advantages

- Maintains constant track, toe-in and camber relative to the road surface and keeps body roll well under control
- Offers better off-the-line performance
- Differential-mounted central upper control arm helps prevent axle windup
- Solid rear axle design is typically more robust than an independent rear suspension — effectively handling large amounts of torque
- Rear axle ratio is more easily changed by racing enthusiasts seeking more performance
- Rear-wheel-drive/solid rear axle configuration is a key purchase motivator for Mustang enthusiast buyers

### Differential

- 3.31:1 rear differential is standard
- 3.55:1 limited-slip rear differential is optional on Mustang GT Premium with a manual transmission
  - Especially suited to high-performance needs
  - Provides excellent off-the-line acceleration

### Traction-Lok Rear Differential

- Mustang GT models with a manual transmission feature a Traction-Lok 8.8-inch rear differential for improved traction and performance on slippery or uneven surfaces
- Often referred to as limited-slip differential, Traction-Lok transfers driving force to the rear wheel with the best traction
- Great for customers prone to spirited acceleration or competitive driving or for customers in rainy or cool climates



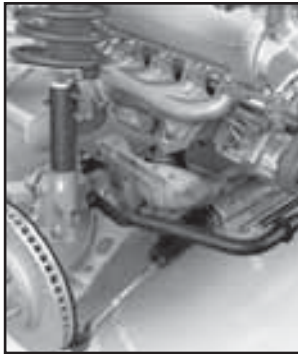
- MacPherson Strut Front Suspension
- 3-link Rear Suspension with Panhard Rod
- Suspension Design

# 2009 Mustang

## Performance/Handling

### MacPherson Strut Front Suspension

- MacPherson strut front suspension uses friction-reducing geometry for precise handling, incredible responsiveness and a smooth, comfortable ride
- By mounting the springs in a coil-over-shock configuration on the strut, the shock absorbers damp forces in the same direction as the spring, for low friction and precise shock valve tuning
- High-strength steel combined with coil-over-shock design allows the use of lightweight springs
- Advanced technologies include a manufacturing technique that produces Reverse-L steel lower control arms weighing less than some comparable cast aluminum designs



- The L-shaped lower control arm offers a number of advantages over classic A-arm or wishbone suspension components
  - System uses a firm hydraulic bushing to control lateral (side-to-side) motion for quick steering response. Lateral motion travels through the shorter, lower leg of the L arm where it connects to the chassis
  - Softer, more compliant hydraulic bushing is used to control longitudinal (front and back) motion and help dampen road shocks. Longitudinal movements travel through the longer, rear leg of the L arm
- Front stabilizer bar with outboard mounting improves roll control and steering responsiveness
- GT models include a larger 34mm front stabilizer bar to further help reduce body roll during hard-cornering maneuvers
- Higher spring rates and shock valving tuned specifically for GT help to provide responsive handling characteristics

### 3-link Rear Suspension with Panhard Rod

- Rear suspension design offers precise control of the rear axle to reduce lateral skate on uneven surfaces like railroad tracks
- Central upper control arm fastened to the upper front end of the differential provides more leverage against axle windup
- Trailing arms located near each end of the axle are designed to help eliminate axle windup
- Tubular Panhard rod connects to the axle at one end and the body at the other
  - Stabilizes the axle side-to-side as the wheels move through jounce and rebound
  - Firmly controls the axle during hard cornering
  - Allowed designers to have tight tire-to-fender gaps and lower body, making the wheel wells look full of tire
- Shock absorbers mounted outside the rear structural rails near the wheels provide the following benefits:
  - Reduce the axle's lever effect
  - Allow more precise, slightly softer shock valve tuning
  - Provide a smooth, comfortable ride with no loss of road feel or feedback
- Rear stabilizer bar uses a body-mounted swing link design that reduces unsprung weight for improved ride and handling
- Rear axle jounce bumpers use a separate, microcellular urethane design allowing advanced shock tuning for a better ride
- GT models include a 22mm rear stabilizer bar to help reduce body roll during aggressive cornering

#### A CLOSER LOOK: Suspension Design

- The Mustang platform is 31 percent stiffer than the previous generation and provides a solid foundation for suspension components
- Combines ride comfort and control in a compact package
- Suspension components are designed to take full advantage of Mustang's power

# 2009 Mustang

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- Rack-and-pinion Steering
- V6 Disc Brakes
- Large Four-wheel Disc Brakes
- GT Horsepower-to-weight Ratio
- GT Torque-to-weight Ratio
- Emissions

## Steering and Brakes

Mustang V6 and GT models have standard four-wheel disc brakes with large vented front and rear rotors to help keep the brakes cool and fade-free.

### Rack-and-pinion Steering

- Provides crisp turn-in and excellent response
- Low 15.7:1 steering ratio for low-effort parking
- 33.4-ft. turning diameter (V6)
- 37.7-ft. turning diameter (GT)

### Large Four-wheel Disc Brakes

- Dual-piston front calipers provide better pedal feel with low effort
- Mustang GT vented front discs are 12.4 inches in diameter
- Front discs are 30mm thick and ventilated to aid cooling and provide consistent stopping power
- Mustang V6 vented front discs are 11.5 inches in diameter
- V6 and GT use single-piston rear calipers clamping down on 11.8-inch vented discs that are 19mm thick
- Disc brakes provide low-effort stopping power and are more resistant to fade than drum brakes

#### PRESENTATION TIP: V6 Disc Brakes

Mustang V6 models have four-wheel disc brakes standard. This is an advantage over vehicles with front disc/rear drum brakes. Disc brakes have low-effort stopping power and resist fade better than drum brakes.

## Measuring Performance

Power-to-weight ratios are a true measure of a vehicle's performance as vehicle weight and engine power are considered.

### GT Horsepower-to-weight Ratio

- 4.6L V8 is rated at 300 horsepower
- GT Coupe curb weight is 3483 lbs. with a manual transmission
- GT Coupe horsepower-to-weight ratio is 11.6:1, meaning it takes one horsepower to move each 11.6 lbs. of vehicle weight

### GT Torque-to-weight Ratio

- Torque measures the engine's ability to do work and is a good measure of how well a vehicle will accelerate from a standstill
- 4.6L V8 is rated at 320 lb.-ft. of torque
- GT Coupe curb weight is 3438 lbs. with a manual transmission
- GT Coupe torque-to-weight ratio is 10.7:1, meaning it takes one lb.-ft. of torque to move 10.7 lbs. vehicle weight

### ENGINEERING INSIGHTS

#### Emissions

Mustang features advanced emissions control systems that help reduce vehicle emissions. Every Mustang model is certified to either Federal Tier 2 Bin 5 emissions standards or as an Ultra Low Emissions Vehicle (ULEV II) in California Emissions States.

An Electronic Returnless Fuel System uses a high-pressure pump to deliver fuel to the injectors at variable pressure, depending on demand. The system does not require a fuel return line from the engine to the fuel tank, thus reducing the amount of fuel tank vapor — helping lower evaporative emissions.

#### Horsepower-to-weight/Torque-to-weight Ratios

When comparing these numbers with other vehicles, the lower the first number (weight) the better. A vehicle with a ratio of 12:1 is better than a vehicle with a 15:1 ratio, because it has less weight to move with one horsepower. The same applies to torque. A vehicle with a 15:1 ratio is better than a vehicle with a 19:1 ratio because it has less weight to move with one lb.-ft. of torque.

## PERFORMANCE/HANDLING

### This page is about:

- Ford Racing Power Upgrade Package
- Ford Racing Drag Pack
- Ford Racing Handling Pack
- Neutral Towing

# 2009 Mustang Performance/Handling

## Mustang Performance Packs<sup>(1)</sup>

Ford Racing offers performance packs that provide more of what Mustang enthusiasts are looking for — increased power, spirited acceleration and improved handling. See [fordracingparts.com](http://fordracingparts.com) for details.



### FR Power Upgrade Package (M-2006-FR1)

- 90mm Cold Air Kit
- Muffler Kit
- Performance oil filter
- Pro-Cal tool with official Ford Racing calibration
- Requires premium fuel

### FR Drag Pack<sup>(2)</sup> (M-2006-FR2 Manual) (M-2006-FR2A Automatic)

- 90mm Cold Air Kit
- 4.10:1 ratio ring and pinion
- Gear installation kit
- Shorty headers
- Requires premium fuel
- Super short throw shifter designed by Ford Racing and Hurst (included with manual transmission only)
- Pro-Cal tool with official Ford Racing calibration

### FR Handling Pack (M-2005-FR3)

- Dampers
- Lowering springs
- Stabilizer bars
- Strut tower brace



### A CLOSER LOOK: Neutral Towing

Flat tow Mustang only in an emergency and only at speeds of 35 mph or less, for no more than 50 miles. For recreational towing, use a wheel lift or flatbed equipment, or disconnect the driveshaft.

(1) Ford Motor Company recommends that vehicles equipped with parts designated "for off-highway use" not be operated on public roads, and offers such parts only for track or off-highway competitive or performance use. Unless expressly specified to the contrary, Ford racing performance parts and vehicles are sold "as is," "with all faults," "as they stand," and without any express warranty whatsoever. To the fullest extent allowed by the state and federal law, Ford Motor Company expressly disclaims the implied warranties of merchantability and of fitness for a particular purpose, even if a particular purpose is mentioned herein. The entire risk as to the performance of these parts is with the buyer. Please see Web site at [fordracingparts.com](http://fordracingparts.com) for complete details. You may have legal rights which vary from state to state.

(2) Drag racing should be conducted at enclosed, dedicated facilities only.

# 2009 Mustang

## Comfort/Convenience

### COMFORT/CONVENIENCE

#### This page is about:

- Spring-assisted Front Seatbacks
- Leather-trimmed Seats
- New Glass Roof
- Ambient Interior Lighting
- Navigation System
- SIRIUS® Satellite Radio

## Overview

### Key Messages

#### Mustang



- New glass roof adds the feel of a convertible while maintaining the legendary aggressive style and athletic stance of the Mustang Coupe
- Shaker sound systems make it feel like the front row of a concert
- Easily accessible rear seating
- Plenty of storage space
- Bucket seats with adjustability for optimum comfort

### Key Features

#### Seating

**Spring-assisted front seatbacks** make getting in and out of the rear seat much easier. Pulling a small lever at the top of the seatback — at the perfect height for someone standing next to the car — releases the front seatback, so the person folding the seat forward doesn't have to bend down to release the seatback. Once seated, the same lever repositions the seat.

**6-way power driver's seat** increases comfort and reduces fatigue by adjusting the driving position.

**Heated driver and front passenger seats** provide two settings for added comfort in cold weather.

**Leather-trimmed seats** add a luxurious look and feel to the interior and are easy to clean.

**Split-folding rear seatbacks** in the Coupe offer extra cargo utility by allowing one seatback to be folded flat to accommodate longer cargo like skis, while still providing additional room for a rear-seat passenger.

#### Storage

**Plenty of interior storage** with a center floor console featuring handy storage for small items and dual cup holders. The door trim also has deep pockets for additional storage.

**Large trunk** in the Coupe provides 13.1 cubic feet of storage space. Mustang Convertible models offer 9.7 cu. ft. of storage.

**Decklid assist struts** increase usable space by not intruding into the cargo area. Traditional decklid hinges take up space or crush items when closed.

#### Interior

**New glass roof** provides Mustang Coupe models an open roof feeling without changing Mustang's great looks and interior head room; and at about half the price of the Convertible. Made of laminated privacy glass, the glass roof also helps maintain a climate-controlled environment by helping to reduce ultraviolet (UV) rays.

**Ambient interior lighting** allows the choice of seven different colors to illuminate the first- and second-row footwells and front console cup holders.

**Navigation System** includes an LCD touch-screen and provides step-by-step route guidance that's easy to understand and use.

**SIRIUS® Satellite Radio** features over 130 channels with digital sound quality.

**Two auxiliary power points** for a laptop computer power source or recharging a cell phone.



**COMFORT/CONVENIENCE****This page is about:**

- Glass Roof
- Ambient Interior Lighting
- Comfort Group
- Tilt Steering Wheel with Cruise Control
- Battery Saver
- Entertainment Systems

# 2009 Mustang

## Comfort/Convenience

### Interior Features

#### Glass Roof

- Adds the panoramic feel of a convertible while maintaining the legendary aggressive style and athletic stance of the Mustang Coupe
- Coupe styling is complemented while maintaining interior versatility and head room
- Constructed of laminated safety glass which includes a thin layer of vinyl sandwiched between two pieces of glass to maintain excellent interior acoustics and quietness
- Tinted privacy glass helps maintain a climate-controlled environment and protect interior fabrics from the sun's ultraviolet rays
- Manual roller blind sunshade offers a choice of additional protection from the sun or increased privacy



#### Ambient Interior Lighting

- Provides LED illumination for the footwell and cup holders
- Choice of red, green, blue, yellow, aqua, purple or white as colors
- Complements the MyColor™ feature by matching the footwell, cup holder and instrument cluster colors

#### Comfort Group

- Electrochromic auto-dimming rearview mirror with compass
- Driver and front passenger heated seats
- 6-way power passenger seat

#### Tilt Steering Wheel with Cruise Control

- Makes it easier for the driver to find the perfect seating position
- Cruise control helps reduce driver fatigue on long trips

#### Battery Saver

- Automatically turns off interior lights after a short time
- Helps prevent battery power drainage and stores enough power to restart the vehicle

#### Remote Keyless Entry

- Locks and unlocks doors and opens decklid with the push of a button on the remote key fob
- Includes panic button alarm

### Entertainment Systems

#### Audio Systems

- Single-disc CD/MP3 player with 160 watts and 4 speakers
- 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 25 for more information

#### SIRIUS® Satellite Radio

- Over 130 channels of music, talk, news, sports and information
- Commercial-free music
- Digital sound quality
- Seamless coverage anywhere in the contiguous U.S.
- 6-month complimentary subscription subject to geographical location and availability

#### Navigation System

- LCD touch-screen display
- Fast route calculations, zooming, scrolling and route previews
- Audible step-by-step guidance feature that announces upcoming maneuvers with specific street names
- Single DVD for contiguous U.S. and Canada
- See page 26 for more information

#### PRESENTATION TIP: Auxiliary Audio 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.

# 2009 Mustang

## Safety/Security

### SAFETY/SECURITY

#### This page is about:

- Accident Avoidance
- Occupant Protection
- Child Safety
- Personal Security
- NHTSA Crash Test Ratings

## Overview

### Key Messages

#### Mustang



- Although most Mustang customers are interested in its performance, every customer wants the peace of mind they get from safety features
- Standard front-seat side airbags
- Stiff body structure and Personal Safety System® help protect occupants
- Anti-lock Braking System (ABS) and All-Speed Traction Control help drivers avoid accidents

### Key Features

#### Accident Avoidance

**All-Speed Traction Control** helps the driver maintain 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.

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

#### Occupant Protection

**Personal Safety System®** deploys front 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

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

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

#### Personal Security

**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.

**24-Hour Roadside Assistance Program** provides roadside service for items such as running out of gas, a flat tire, jump-start, etc. for 5 years or 60,000 miles, whichever comes first.

### NHTSA Crash Test Ratings

Mustang Coupe and Convertible received high ratings in all crash testing performed by the National Highway Traffic Safety Administration (NHTSA). Mustang Convertible is the first soft top to ever rate a perfect 5 Stars<sup>(1)</sup> in all federal crash tests and rollover evaluations. For a complete list of NHTSA results, visit [safercar.gov](http://safercar.gov)

(1) Star ratings are part of the U.S. Department of Transportation's safercar.gov program ([www.safercar.gov](http://www.safercar.gov)).

	Frontal-Impact Rating		Side-Impact Rating	
	Driver	Passenger	Front Seat	Rear Seat
Mustang Coupe	★★★★★	★★★★★	★★★★★	★★★★
Mustang Convertible	★★★★★	★★★★★	★★★★★	★★★★★

#### What Do the Stars Mean?

##### Frontal-impact Testing

- ★★★★★ 5 stars = 10 percent or less chance of serious injury
- ★★★★ 4 stars = 11 to 20 percent chance of serious injury

##### Side-impact Testing

- ★★★★★ 5 stars = 5 percent or less chance of serious injury
- ★★★★ 4 stars = 6 to 10 percent chance of serious injury

- All-Speed Traction Control
- Anti-lock Braking System (ABS)

# 2009 Mustang

## Safety/Security

### Accident Avoidance

#### 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
  - Modification of the air/fuel ratio
- 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

#### 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



#### PRESENTATION TIP: All-Speed Traction Control

The driver can disable All-Speed Traction Control using a button located on the instrument panel center stack. Why would anyone want to turn off their All-Speed Traction Control system?

- To allow enough wheel spin to free a vehicle stuck in the snow or on a slippery surface, and to enable a successful “rocking” maneuver
- When using tire chains

Remind your customers that once the system is switched to Off, it defaults to On when the vehicle is restarted or when the On/Off button is pressed again.

# 2009 Mustang

## Safety/Security

### SAFETY/SECURITY

This page is about:

Tire Pressure Monitoring System

Personal Safety System®



Front-seat Side Airbags

## Accident Avoidance cont'd

### Tire Pressure Monitoring System (TPMS)

- TPMS uses a tire pressure sensor mounted to each road wheel
- 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
- Replacing the tire can be easily done without removing the sensor
- TPMS provides an accurate tire pressure reading
- Senses temperature-based pressure loss where all four road 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
- Properly inflated tires help optimize fuel economy and add to a smooth ride
- Recommended tire pressure label is on the driver's door B-pillar

### ENGINEERING INSIGHT: TPMS Warning Light

ENGINEERING INSIGHT: TPMS Warning Light	
<b>Low Tire Warning Light</b> <b>Solid Warning Light</b> 	<b>Customer Action Required</b> Check tire pressure to ensure proper inflation. Ford recommends a digital or dial-type tire pressure gauge for increased accuracy. <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 will decrease 1 psi for every 10 degrees F drop in temperature. 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>

## Occupant Protection

### Personal Safety System®

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. System components 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

See the Safety section of 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' chests
- 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 chest in certain side collisions

**This page is about:**

- LATCH (Lower Anchors and Tethers for Children) System
- SecuriLock® Passive Anti-theft Ignition System
- 24-Hour Roadside Assistance
- Available Active Anti-theft System
- V6 Safety & Security Package
- GT Security Package

# 2009 Mustang

## Safety/Security

### 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 assists in providing a secure attachment and uniform installation method to help reduce the likelihood of an improper child safety seat installation

### 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

#### 24-Hour Roadside Assistance

- Includes toll-free number (1-800-241-FORD) operational 24 hours, 7 days a week
- Customers can request services to change a flat tire, jump-start a battery, deliver fuel or tow the vehicle
- Available for 5 years or 60,000 miles, whichever comes first

#### Available 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

### Safety and Security Packages

#### V6 Safety & Security Package (43S)

- Anti-lock Braking System (ABS)
- Traction Control
- Active anti-theft system
- Wheel locking kit

#### GT Security Package (54G)

- Active anti-theft system
- Wheel locking kit

# 2009 Mustang

## Design/Styling

### DESIGN/STYLING

#### This page is about:

- Classic Pony Car Design
- HID Headlamps
- Classic Long Hood and Accent Line
- Ground-hugging Appearance
- Tri-bar Taillamps
- MyColor™ Instrument Cluster

## Overview

### Key Messages

#### Mustang



- Bold, powerful and distinctly American design
- Styling reflects Mustang's 45 years of pony car heritage
- Mustang offers the highest level of personalization packages for the customer to "Make It My Mustang"
- Bullitt Package takes inspiration from the 1968 car and movie of the same name
- V6 Pony Package celebrates America's pony car
- V6 Appearance Package delivers a distinct Mustang swagger

### Key Features

#### Exterior Design

**Classic pony car design** is instantly recognizable with styling cues strongly influenced by Mustang's 40-plus years of performance car heritage.

**Front end styling** is aggressive with the forward-leaning grille and jeweled-round headlamps in trapezoidal housings creating a striking touch that give Mustang a 21st-century flair.



**HID (High-Intensity Discharge) headlamps** provide a distinctive look and excellent nighttime visibility. HID lamps are also designed to last longer and produce more light than halogen headlamps.

**Classic long hood** combines with the short rear decklid and front wheels that are pushed forward to enhance the rear-wheel-drive look.

**Classic accent line** runs the length of the body and ends in a "C-scoop" just beyond the door cutline.

**Ground-hugging appearance** emphasizes agile, aggressive stance and a low, sleek performance-ready attitude.

**Ten classic aluminum wheel designs** draw attention to Mustang's powerful stance.

**Rear quarter glass** is a modern interpretation of the classic Mustang tradition of louvers or scoops and aids the driver's rearward vision.



**Tri-bar taillamps** highlight the rear along with a circular Pony or GT gas cap badge.



#### Interior Design

**MyColor™ color-configurable instrument cluster** lets the driver select from 125 unique instrument cluster light colors.

**Center stack** is clean and uncluttered for easy use of the radio, climate and other controls.

**Distinct design themes** with 4-gauge instrument cluster, symmetrical instrument panel with dual square-arched "eye brows," and a heritage 3-spoke steering wheel draw upon Mustang's heritage.



**DESIGN/STYLING****This page is about:**

- Exterior Design and Styling
- Short-drop Side Glass
- HID Headlamps
- V6 Design Specifics
- GT Design Specifics

# 2009 Mustang

## Design/Styling

### Exterior

#### Design and Styling

- Mustang appears in motion even when sitting still, with a close-coupled greenhouse, strong shoulders and aggressive wheel flares — all adding to its powerful appearance
- Long hood and short rear deck, combined with the front wheels pushed forward, give it an unmistakable stance
- Pushing the wheels to the corners increases the wheelbase by 6 inches over the previous generation and opens up the interior length and width, giving the driver and front passenger more room
- Mustang has a clean, all-business look about it. The C-scoop's angled, hard-creased appearance behind the door cut gives a look of precise, technical integration. This theme is reinforced by a soft body crease that runs through the fuel filler cap door

#### Short-drop side glass

- Side windows automatically "short-drop" when the door is opened and raise back up once the door is closed
- This helps make opening and closing the door easier by depressurizing the cabin until the door is closed

#### HID (High-Intensity Discharge) Headlamps

- Emit approximately 2.5 times as much light as conventional halogen bulbs
- HID lighting systems use a special quartz bulb with no filament that generates an intense, bluish-white light
- 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)



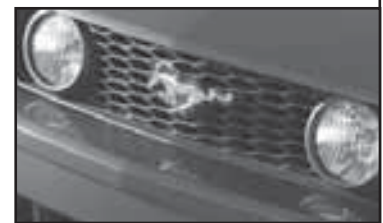
#### V6 Design Specifics

- Up front, there's a uniform egg-crate grille design with the galloping pony logo and a swept-back lower front fascia that incorporates horizontal vents
- Black lower rocker moldings accent the sides
- In back, there's a single exhaust and the Mustang tribar logo centered on the gas cap badge
- Available V6 Exterior Sport Package and V6 Pony Package add sporty touches to the V6 and include unique rear spoilers
- 16-inch aluminum wheels with bright machined face



#### GT Design Specifics

- Definite muscle car appearance
- Front end has an aggressive nose with circular fog lamps located in the grille and in line with the headlamps
- Upright lower front fascia has an air dam performance look
- From the side, the body-color lower rocker panel extensions give a lowered, planted appearance
- Rear fascia has a wraparound lower rocker panel extension, and semi-circular cutouts behind each wheel make room for the car's large dual exhaust tips
- Rear decklid spoiler, special GT badging and dual exhaust system
- 17-inch and available 18-inch wheels



# 2009 Mustang

## Design/Styling

### DESIGN/STYLING

#### This page is about:

- Symmetrical Instrument Panel
- Standard 4-gauge Instrument Cluster
- 6-gauge Instrument Cluster
- MyColor™
- Center Stack Design

## Interior

**Symmetrical instrument panel and square-arched "eyebrows" on each side of the center stack** draw upon Mustang's heritage in this classic yet modern interpretation of instrument panel design.

**Standard 4-gauge instrument cluster** features a large speedometer and tachometer, fuel and engine coolant temperature gauges.

**3-spoke steering wheel** with black center hub and the tri-bar Pony logo.

**Chrome-ringed air vents** on all models aligned across the dash precisely in line with the gauges.



**Center stack design is clean and uncluttered** for easy use of the radio, climate and other controls. The short-throw 5-speed manual gearshift lever is topped with a substantial knob to give a feel of precision and control, while the automatic has a classic T-handle top.

**6-gauge instrument cluster** includes MyColor, message center, chrome-ringed speedometer and tachometer, and barrel-like performance gauges for fuel level, battery, oil pressure and temperature.

**Available MyColor™ color-configurable instrument cluster** is included in the Interior Upgrade Package and lets the driver select from 125 unique cluster light colors. The system allows Mustang owners to choose from six preset color options or to blend the three colors — green, blue and red — to create more personalized instrumentation.



### PRESENTATION TIP: MyColor™

The MyColor backlighting feature's unique impact on the interior isn't fully appreciated until customers see it for themselves. MyColor is adjusted through the message center. The car must be stationary.

- To enter the ADJUST mode, take the message center to the ADJUST menu
- Hold the RESET button for 3 seconds, or press SETUP to scroll through the display colors
- While in the ADJUST mode, press RESET to step through the three primary colors of red, green and blue and the EXIT option
- You change the proportion of each color by pressing SETUP until the color is at the desired intensity
- Tell customers to try many combinations and record their favorites. There are 125 possible combinations
- To exit the ADJUST mode, hold the RESET button for 3 seconds when prompted
- Tell customers that pressing RESET for less than 3 seconds will cycle back through the color components
- To access MyColor, the headlamps/parklamps or "Nighttime" mode must be on

# 2009 Mustang

## Design/Styling

### Make It My Mustang Packages

#### V6 Sport Exterior Appearance Package (54V)

- Unique rear decklid spoiler
- Sport tape stripe on lower rockers in White, Black or Pearl Gold
- Not available with V6 Warriors in Pink Package or Pony Package

#### Warriors in Pink Package (54S)

- New billet-style grille without fog lamps
- New wide pink hood stripe
- New pink ribbon Mustang rocker stripe
- Pink ribbon and pony fender badge
- GT leather-trimmed Charcoal seats with pink contrast stitching
- Charcoal floor mats with pink trim and pink embroidered ribbon and pony logo
- Aluminum-spoke steering wheel with pink contrast stitching
- Available as V6 Premium Coupe or Convertible; requires automatic transmission
- Available in Black, Performance White and Brilliant Silver Metallic exterior colors
- Production limited to 1,000 units

#### V6 Pony Package (54P) (V6 Premium models only)

- Unique pony grille with chrome bezel and fog lamps
- Unique rear decklid spoiler
- 17-inch painted cast aluminum wheels with bright machined rim and tri-bar pony center caps
- Pony front fender badges
- Sport tape stripe on lower rockers with "Mustang" script
- Tape stripe colors are Black, White and Pearl Gold
- Tape Stripe Delete option is also available (no credit)
- Z-rated all-season tires
- Carpeted front floor mats with unique brushed chrome "Mustang" badge in all interior colors
- Rear stabilizer bar from GT

#### V6 Appearance Package (54D)

- V6 Coupe only
- Available in Dark Candy Apple Red, Vapor Silver or Grabber Orange exterior colors
- Available only with Dark Charcoal interior
- 18-inch polished forged aluminum wheels
- Chrome, billet-style upper grille
- Black Satin wide center hood stripe
- Black Satin GT hood scoop and GT rear spoiler
- Black Satin rear deck lid appliqué
- Body-color side scoops
- Bright exhaust tip
- Upgraded black floor mats

#### GT Appearance Package (54G)

- Hood scoop
- Bright rolled exhaust tips
- Pony emblem engine cover

#### Bullitt Package (54B)

- Coupe GT Premium only and requires manual transmission
- Available in Highland Green or Black exterior colors
- Ford Racing Power Pack (cold air induction system)
- High Performance Calibration
- Tuned exhaust with modified "H" pipe and 3.5-inch packed exhaust tips
- Dark Grey brake calipers with Performance Friction Carbon Metallic® front brake pads
- Ford Racing strut tower brace with serialization label
- Sport-tuned suspension with revised shock absorbers, springs and stabilizer bars
- 3.73:1 limited-slip rear axle
- 18-inch Euroflange Bullitt wheels with Charcoal Satin finish
- Upper grille without fog lamps or pony badge
- Bullitt emblem on faux fuel cap
- Spoiler delete
- Black interior with upgraded steering wheel
- Sport leather seat appearance
- Gunmetal "Engine Turn" instrument panel finish
- Aluminum interior accents (shifter, sill plate and pedal covers)
- Tire Inflation Kit

#### Comfort Group (V6, GT) (53B)

- Heated driver and front passenger seats
- 6-way power passenger seat
- Electrochromic auto-dimming rearview mirror with compass

#### GT California Special (54C)

- Black with Dove or Black with Parchment interior
- Black leather-trimmed seats with unique California Special Dove or Parchment color contrast inserts
- Distinct front and rear fascias
- 18-inch polished aluminum wheels with small tri-bar pony center caps
- Side scoops
- Unique tape stripes
- Bright rolled exhaust tips

#### Premium Interior (V6, GT) (18G)

- Choice of satin aluminum or woven charcoal aluminum finish instrument panel appliqué
- Leather-wrapped steering wheel with satin aluminum finish spokes
- Satin aluminum door handles
- Bright polished register rings and bright shift knob (manual transmission only)
- Satin-aluminum-plated gearshift lever (automatic transmission only)
- Special bright polished 6-gauge cluster with MyColor feature and message center
- Satin aluminum doorsill scuff plates with bright Mustang lettering insert
- Dark Charcoal Aberdeen pattern front door panel inserts

#### Premier Trim (V6, GT) (68B)

- Wrapped and stitched instrument panel brow, console lid and upgraded door armrests
- Satin-aluminum-plated shift lever (automatic transmission)
- Bright shift knob (manual transmission)
- Aluminum pedal covers
- Dark Charcoal interior with Dark Charcoal carpet
- Chamois, Red or Dark Charcoal sport bucket leather-trimmed seats with matching color front door trim inserts and floor mats with Dark Charcoal interior
- Black sport bucket leather-trimmed seats with Black door panel inserts with Graphite or Parchment interiors

# 2009 Mustang

## Design/Styling

### DESIGN/STYLING

This page is about:

- Convertible Features
- Step-by-Step: Convertible Top
- Torsional Rigidity
- Lean and Mean

## Convertible Features

### Mustang Convertible Platform

- Chassis torsional rigidity is over 100 percent stiffer than previous generation. Torsional rigidity is a measure of chassis resistance to twisting forces
- Current convertible takes just over 6000 pounds of twisting force to deflect the chassis one degree
- Previous generation chassis would deflect one degree with slightly more than 3000 pounds of force
- Due to a stiffer, more rigid chassis, fewer reinforcements need to be added to the chassis to make it stiffer
- Less additional bracing helps reduce vehicle weight
- Less overall vehicle weight helps add to acceleration, braking and handling performance
- Mustang GT Convertible with a manual transmission weighs only 118 pounds more than a GT Coupe with a manual transmission

### Convertible Top

- Features a "floating" five-bow design
- Z-fold construction "stacks" itself neatly as the top is retracted
- Provides a more finished, tidy, top-down appearance
- Can be raised or lowered in less than 13 seconds
- Two handles along windshield header are used to secure the top

### Convertible Top Colors

- Black, Parchment and Black Cloth
- Top color choice depends on body color and interior color

### Glass Rear Window

- Includes rear defrost to help clear frost and snow from the rear window
- Glass will not discolor, scratch or stain like plastic

### Leak-free — Every Time

- Rigorous design, development and manufacturing process used to achieve zero water leaks into interior or luggage compartment
- Design features such as robotic sealer application, short-drop door glass for improved glass-to-seal penetration, double seals for redundancy and floating-five-bow top assembly for optimum fit of top to vehicle ensure weather-tight sealing
- Every vehicle subjected to a stringent water leak verification test at the assembly plant

### Convertible Soft Boot

- Available only in Black
- Helps protect the top once it is fully retracted and provide a finished appearance

### Header-mounted Dome Lights

- Provided in precisely the same arrangement as in the Coupe
- Convertible adds a switch to control the power top

### Fixed Rear Seatbacks

- Allow secure storage of the convertible top
- 50/50 split-folding seatbacks are not available

### Trunk Space

- Mustang Convertible provides 9.7 cubic feet of cargo capacity
- Current convertible has two more cubic feet of cargo space compared to previous generation convertible, thanks in part to the Z-fold top design

### Step-by-Step: Convertible Top

#### Lowering the Top

1. Bring car to a stop and set the parking brake. It's recommended the engine be running to avoid draining the battery. If the engine is off, place the ignition in the ON position.
2. Check the top's storage compartment behind the rear seat to ensure it's empty, then check the top's outer surface to ensure it's dry and free of leaves and debris.
3. Unclamp the top from the windshield header at the right and left sides by pulling each handle down and to the rear until the handle clears the header. (The handles are flush with the header when closed.)
4. If the top hasn't been lowered for some time, gently push the front edge up to make sure it isn't sticking to the header. If it is sticking, this will usually free it.
5. Convertible top switch is located in the overhead console. Push and hold it until the windows are completely down and the top completely stored.
6. Disengage the parking brake.

#### Raising the Top

1. Bring car to a complete stop, set the parking brake and leave the engine running to avoid draining the battery. Engage the parking brake. If the engine is off, turn the ignition to the ON position.
2. Push and hold the convertible top switch until the windows lower completely (if up) and the top unfolds and moves forward toward the windshield header.
3. Release the convertible top switch to open both handles before the top meets the windshield header.
4. Continue to use the switch to raise the top until it has reached the fully closed position, flush with the header.
5. Two pins under the forward top edge should seat themselves in the matching header holes.
6. To fasten the handles securely, rotate them into the top's header until they reach the full forward position, and then push them up to be flush with the header. Pulling down on the header at the center grip will usually make it easier to fasten the top.
7. Raise the side windows.
8. Disengage the parking brake.

### PRESENTATION TIP: Torsional Rigidity

A simple way to explain torsional rigidity to your customers is to use a shoebox analogy. A shoebox with the lid on top is not easy to twist or bend. This is like a hardtop coupe or sedan. But when you take the lid off, the shoebox becomes flimsy. It is easy to twist or bend it. In the same way, a convertible loses some torsional rigidity when you take the top off. But when you put the lid on the bottom of the shoebox, it regains some of the stiffness it had before. In a similar way, Mustang Convertible engineers used firmer body joints and rocker panels to add stiffness without extra weight.

### ENGINEERING INSIGHT: Lean and Mean

Mustang engineers designed body joints and rocker panels that give the Convertible outstanding stiffness without adding extra braces that would have added weight and cost. An additional benefit is a quiet and smooth ride. Because the Convertible models are similar in weight to the Coupe, suspension engineers made only subtle changes in the suspension tuning and geometry. The customer benefit is a Convertible driving experience that is far closer to the Coupe's than ever before.

# 2009 Mustang

## Quality/Reliability/Durability

**This page is about:**

- Durability
- Easy Maintenance
- New Vehicle Limited Warranty
- Powertrain Limited Warranty
- 24-Hour Roadside Assistance
- Durability Testing

### Overview

#### Key Messages

Mustang



- Testing in multiple countries ensures high levels of Quality, Reliability and Durability
- Easy maintenance with a well-designed engine bay, 90,000-mile spark plug maintenance interval and 6-month/7500-mile oil change interval<sup>(1)</sup>
- Powertrain warranty protection for 5 years/60,000 miles

#### Key Features

##### Durability

**5-mph bumpers** are rated at twice the federal standards and provide added protection against minor collision damage

##### Easy Maintenance

- Stainless-steel exhaust system helps resist corrosion
- 6-month/7,500-mile oil change interval
- Spark plugs rated for 90,000 miles<sup>(1)</sup>

##### Warranty

###### 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

##### 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

<sup>(1)</sup> Under normal driving conditions with regular fluid and filter changes. See vehicle Owner's Guide.

#### ENGINEERING INSIGHT: Durability Testing

- Mustang is sold in a multitude of countries. That's one reason it's tested at the extremes of climate and endurance — from corrosion testing with Arizona salt spray booths to snow ingestion testing in Minnesota
- Testing includes water spray jets that seek out water leaks and water ingestion testing that measures the engine's ability to resist stalling in extreme situations
- Selected vehicles coming off the assembly line go through a comprehensive 30-mile test-drive, including a water test and a review of sheet metal, paint, interior trim and functional items
- Hill-climb test includes a 20 percent test grade for 30 feet. More severe test grade runs the vehicle on a 30 percent incline for 36 feet. In comparison, the grade standard for highways is 6 percent. In naturally occurring terrain, even the steepest of ski slopes is about a 37 percent incline
- Chuckhole testing road is 240 feet long with potholes varying in shape and depth from 1 to 4 inches. Holes are strategically placed 20 feet apart and run 90 degrees to the direction of travel — much worse than a typical commute

# 2009 Mustang

## Audio/Navigation

### AUDIO/NAVIGATION

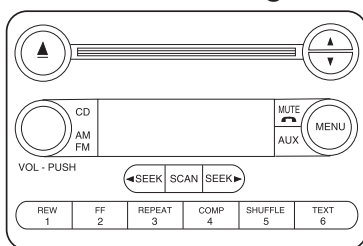
This page is about:

- AM/FM Stereo/Single-disc CD/MP3 Capability
- Shaker 500 AM/FM Stereo/6-disc In-dash CD/MP3 Capability
- Shaker 1000 AM/FM Stereo/6-disc In-dash CD/MP3 Capability

#### All Mustang Audio Systems Include

- Station Memory Presets — 12 FM, 6 AM
- Autoset (AST) automatically locates the 6 strongest AM or FM station signals
- Auxiliary audio input jack
- Digital clock

#### AM/FM Stereo/Single-disc CD/MP3 Capability

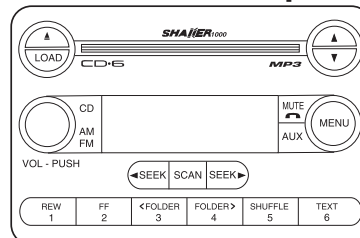


- Plays MP3 discs (up to 255 songs per disc) in flat mode or folder mode
- 4 full-range speakers
- 160 watts of peak power
- **Speed Compensated Volume (SCV)** compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal. Allows 7 volume adjustment 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

#### For More Audio Information

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

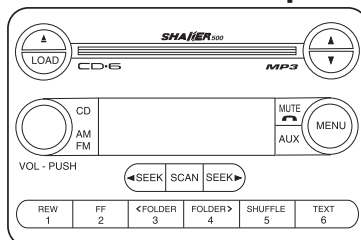
#### Shaker 500 AM/FM Stereo/6-disc In-dash CD/MP3 Capability



Includes or replaces features of AM/FM stereo/single-disc CD/MP3 capability plus:

- **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

#### 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
- **Premium 10-speaker system** has 580 watts of average power and 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 back
  - Two 10-inch subwoofers in trunk
  - Two subwoofer amplifiers mounted in instrument panel
  - Four subwoofer amplifiers mounted in the trunk panel

## This page is about:

- Navigation System
- Auxiliary Audio Input Jack
- SIRIUS® Satellite Radio

# 2009 Mustang

## Audio/Navigation

### Navigation System



- Includes Shaker 500 or Shaker 1000 audio system
- **6.5-inch LCD touch screen** operates navigation and audio functions
- **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 if desired, for example, during valet parking
- **Address Book** saves the most frequently used destinations for quick and easy routing
- One DVD with map data for the continental U.S. and Canada
- DVD inserts into system Electronic Control Unit (behind the touch screen)

### 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

### SIRIUS® Satellite Radio

- Requires Shaker audio system
- Includes 6 months of SIRIUS service, subject to location and availability
- Standard on V6 Premium and GT Premium and includes 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, sports 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

# 2009 Mustang Wheels

## WHEELS

This page is about:

- 16" Wheels —
- 17" Wheels —
- 18" Wheels —

Wheel		V6	V6 Premium	GT	GT Premium
16" Painted Aluminum Wheel with Bright Machined Face		Standard	—	—	—
16" Painted Aluminum Wheel with Chrome Spinner		—	Standard	—	—
17" Premium Painted Cast Aluminum Wheel		—	Included in Pony Package	—	—
17" Premium Painted Cast Aluminum Wheel		—	—	Standard	Standard
17" Bright Machined Cast Aluminum Wheel		—	Optional	Optional	Optional
18" Premium Aluminum Wheel		—	—	Optional	Optional
18" Polished Aluminum Wheel		—	—	Optional	Optional; Included in California Special Package
18" Premium Polished Forged Aluminum Wheel		—	Optional on Coupe only	—	—
18" Euro-flange Bullitt Aluminum Wheel with Charcoal Satin Finish		—	—	—	Included in Bullitt Package

**NOTE:** See the latest Dealer Ordering Guide for wheel availability.

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## INTERIOR TRIM

### This page is about:

- Mustang V6 and Mustang GT
- Premier Trim w/Color Accents
- GT California Special Package
- V6 Warriors in Pink Package
- V6 Appearance Package
- Bullitt

# 2009 Mustang

## Interior Trim

### Interior Trim

Mustang

	Interior Trim Colors						
	Medium Parchment	Light Graphite	Dark Black Charcoal	Black/ Parchment Color Accent	Black/ Dove Color Accent	Black/ Red Color Accent	Black/ Chamois Color Accent
<b>Mustang V6</b> "Mustang" Logo Fabric Bucket Seats Verona Grain Leather- trimmed Bucket Seats	PH JH	P2 J2	PW JW				
<b>Mustang GT</b> "Stampeding Horse" Logo Fabric Sport Bucket Seats Aberdeen Embossed Leather-trimmed Sport Bucket Seats	5H KH	52 K2	5W KW				
<b>Premier Trim w/Color Accents</b> Aberdeen Embossed Leather- trimmed Sport Bucket Seats			KW	KC	KD	KR	K4
<b>GT California Special Package</b> California Special Dark Charcoal Interior Color Only Leather-trimmed Seats w/Contrasting Environment				MC <sup>(1)</sup>	MD <sup>(1)</sup>		
<b>V6 Warriors in Pink Package</b> Charcoal Leather Seats w/Pink Contrasting Stitching and Dark Charcoal Interior Environment			NW				
<b>V6 Appearance Package</b> "Mustang" Logo Fabric Bucket Seats Verona Grain Leather- trimmed Bucket Seats			PW JW				
<b>Bullitt</b> Leather-trimmed Sport Bucket Seats			KW				

(1) California Special Package only available with Black tape stripe.

**NOTE:** See the 2009 Color and Upholstery Book or the Specifications section of eSourceBook ([esourcebook.dealerconnection.com](http://esourcebook.dealerconnection.com)) for illustrations of the available seating choices.

# 2009 Mustang

## Instrument Clusters

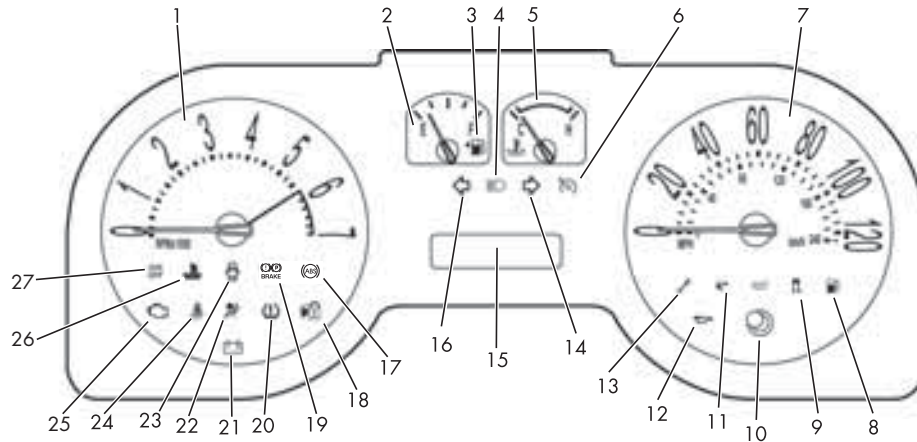
### INSTRUMENT CLUSTERS

This page is about:

Standard Cluster

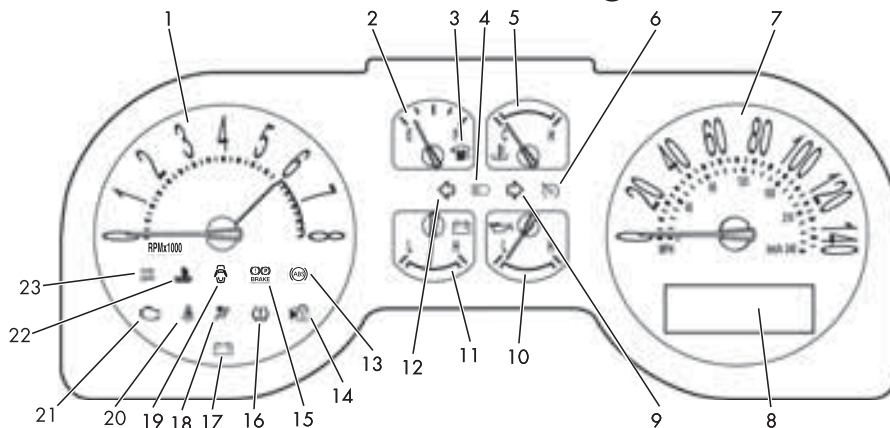
Premium Interior Package Cluster

### Standard Cluster



- |   |   |  |
|---|---|--|
| 1. Tachometer   | 12. Low engine oil pressure warning light                           | 20. Low tire pressure warning light              |
| 2. Fuel gauge   | 13. Throttle control/transmission warning light                     | 21. Charging system warning light                |
| 3. Fuel filler door location indicator                    | 14. Right turn signal indicator                                     | 22. Airbag readiness indicator/warning light     |
| 4. High-beam indicator                                    | 15. Odometer/trip odometer display                                  | 23. Door ajar warning light                      |
| 5. Engine coolant temperature gauge                       | 16. Left turn signal indicator                                      | 24. Fasten safety belt warning light             |
| 6. Cruise control active indicator light                  | 17. Anti-lock Braking System readiness/warning light <sup>(1)</sup> | 25. Check engine warning light                   |
| 7. Speedometer  | 18. Anti-theft system active indicator light                        | 26. Engine coolant temperature warning light     |
| 8. Low fuel warning light                                 | 19. Brake system warning light/parking brake indicator light        | 27. Overdrive off indicator light <sup>(1)</sup> |
| 9. Traction control active indicator light <sup>(1)</sup> |   |  |
| 10. Trip odometer reset button                            |   |  |
| 11. Loose fuel cap warning light                          |   |  |

### Premium Interior Package Cluster



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

(1) If equipped.  
July 2008

# 2009 Mustang

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

Model	Coupe	Convertible
Wheelbase	107.1	107.1
Length	187.6	188.0
Height	55.4	55.7
Width	79.3	79.3
Track (front/rear)	62.4/63.0	61.4/62.5
Base Model Curb Weight (approx. lbs.)		
– Manual Transmission	3336 (V6)	3461 (V6)
	3483 (GT)	3601 (GT)
– Automatic Transmission	3387 (V6)	3506 (V6)
	3532 (GT)	3648 (GT)
Weight Distribution (front/rear,0/0)	54/46 (V6)	53/47 (V6)
	54/46 (GT)	52/48 (GT)

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		
Passenger Volume (cu. ft.)	84.7	81.6
Trunk Volume (cu. ft.)	13.1	9.7
EPA Interior Volume (cu. ft.)	97.8	91.3
Fuel Tank Capacity (gal.)	16.0	16.0

Engine	
Driveline Layout	Rear-wheel drive
Engine Type	4.0L SOHC V6/4.6L SOHC V8
Displacement (liters/cu. in.)	4.0/244 (V6) 4.6/281 (GT)
Horsepower @ rpm	210 @ 5300 (V6)/300 @ 5750 (GT)
Torque (lb.-ft.) @ rpm	240 @ 3500 (V6)/320 @ 4500 (GT)
Compression Ratio	9.7:1/9.8:1
Bore and Stroke	3.95 x 3.32 in./100.4 x 84.4mm (V6) 3.55 x 3.54 in./90.2 x 90.0mm (GT)
Fuel Injection	Electronic returnless sequential
Recommended Fuel	87 octane (minimum)
Fuel Economy (city/hwy. mpg)	17/26 V6 Manual    16/24 V6 Automatic 15/23 V8 Manual    15/22 V8 Automatic
Exhaust System	Single stainless steel with catalytic converter (V6) Dual stainless steel with catalytic converters (GT)

Transmission	
Type	5-speed manual Tremec T5 (V6) 5-speed manual Tremec TR3650 (GT) 5-speed automatic 5R55S (V6 and GT)
Final Drive Ratio	3.31:1 (V6 and GT with automatic transmission) 3.55:1 (optional on GT Premium with manual transmission) 3.73:1 (Available on Bullitt)

Gear Ratios						
Gears	1st	2nd	3rd	4th	5th	Rev.
Mustang V6 Manual	3.75:1	2.19:1	1.41:1	1.00:1	0.72:1	3.53:1
Mustang GT Manual	3.38:1	2.00:1	1.32:1	1.00:1	0.68:1	3.38:1
V6 and GT Automatic	3.22:1	2.29:1	1.55:1	1.00:1	0.71:1	3.07:1

Front Suspension	
Type	Reverse-L independent MacPherson strut
Springs	Coil
Shock Absorbers	Twin tube, gas-charged
Stabilizer Bar	28.6mm (V6)
Diameter	34.0mm (GT)

Rear Suspension	
Type	Solid-axle 3-link with Panhard rod
Springs	Coil
Shock Absorbers	Twin tube, gas-charged
Stabilizer Bar	22mm (GT)
Diameter	

Steering	
Type	Rack-and-pinion
Overall Ratio	15.7:1
Turning Diameter, Curb-to-Curb (ft.)	33.4 (V6) 37.7 (GT)

Brakes	
Standard	Vented disc, twin-piston aluminum calipers

Trailer Towing <sup>(2)</sup>	
Towing Class	Light Duty Class I
Gross Trailer Weight	1000 lbs. max.
Maximum Tongue Load	100 lbs. max.
Hitch Design	Load-carrying type

Neutral Towing	
Emergency Towing	It is recommended that Mustang be towed with a wheel lift or with flatbed equipment. However, if towing in an emergency only, Mustang may be neutral towed behind another vehicle, but only at a maximum speed of 35 mph and for a distance of no greater than 50 miles.
Recreational Towing	When towing Mustang behind another vehicle such as an RV, a wheel lift or a flatbed trailer must be used or the driveshaft must be removed.

(1) Dimensions are in inches unless otherwise specified.

(2) Towing information: 2009 RV &amp; Trailer Towing Guide or the vehicle Owner's Guide.