

# 2006 Mustang

	V-6	V-8
<b>BODY</b>		
Construction	Unitized welded steel body, aluminum hood	
Final assembly location	Flat Rock, Mich.	
<b>POWERTRAIN AND CHASSIS</b>		
<b>ENGINE</b>		
Type	4.0-liter 60-degree V-6	4.6-liter 90-degree V-8
Manufacturing location	Cologne, Germany	Romeo, Mich.
Configuration	Iron block and aluminum head	Aluminum block and head
Intake manifold	Composite shell-welded with internal runner pack	Composite shell-welded single runner, charge motion control valves
Exhaust manifold	Cast iron	Cast iron
Redline	6,100 rpm	6,250 rpm
Throttle body	65-mm single-bore electronic	55-mm dual-bore electronic
Valvetrain	SOHC, 2 valves per cylinder	SOHC, 3 valves per cylinder, variable camshaft timing
Valve diameter	Intake: 46.0 mm Exhaust: 39.0mm	Intake: 33.8 mm Exhaust: 37.5 mm
Pistons	Cast aluminum	Hypereutectic aluminum
Connecting rods	Forged steel	Cracked powdered metal with floating wristpins
Ignition	Distributorless with coil pack	Coil-on-plug, high-thread-insert spark plugs
Bore x stroke	3.95 x 3.32/100.4 x 84.4 mm	3.55 x 3.54/90.2 x 90.0 mm
Displacement	245 cu in / 4,009 cc	281 cu in / 4,606 cc
Compression ratio	9.7:1	9.8:1
Engine control system	Silver Oak PCM	Silver Oak PCM
Horsepower	210 @ 5,250 rpm	300 @ 5,750 rpm
Horsepower per liter	53	65
Torque	240 lb-ft @ 3,500 rpm	320 lb-ft @ 4,500 rpm
Recommended fuel	87 octane	87 octane
Fuel capacity	16 gallons	16 gallons
Fuel injection	Electronic returnless sequential	Electronic returnless sequential
Oil capacity	5 quarts with filter	6 quarts with filter
Coolant capacity	12.5 quarts	14.2 quarts
<b>DRIVETRAIN</b>		
Layout	Rear-wheel drive	Rear-wheel drive
<b>TRANSMISSION</b>		
Standard	<b>5-speed manual (Tremec T-5)</b>	<b>5-speed manual (Tremec 3650)</b>
Gear ratios		
1st	3.75:1	3.38:1
2nd	2.19:1	2.00:1
3rd	1.41:1	1.32:1
4th	1.00:1	1.00:1
5th	0.72:1	0.68:1
Final Drive	3.31:1	3.55:1
<b>Optional</b>		
1st	3.22:1	3.22:1
2nd	2.29:1	2.29:1
3rd	1.54:1	1.54:1
4th	1.00:1	1.00:1
5th	0.71:1	0.71:1
Final Drive	3.31:1	3.31:1
<b>SUSPENSION</b>		
Front	Reverse-L independent MacPherson strut, 28.6-mm tubular stabilizer bar	Reverse-L independent MacPherson strut, 34-mm tubular stabilizer bar
Rear	3-link solid axle with coil springs and Panhard rod	3-link solid axle with coil springs, Panhard rod and 20-mm solid stabilizer bar
<b>STEERING</b>		
Type	Rack and pinion with power assist	Rack and pinion with power assist
Ratio	15.6:1	15.6:1
Turning circle curb-to-curb	33.4	36.5 ft.
<b>BRAKES</b>		
Type	Four-wheel power disc brakes with optional 4-sensor, 3-channel anti-lock braking system (ABS)	Four-wheel power disc brakes with optional 4-sensor, 3-channel anti-lock braking system (ABS)
Front	293 (11.5 in) x 30 mm vented disc, twin-piston 43-mm floating aluminum calipers	316 (12.4 in) x 30 mm vented disc, twin-piston 43-mm floating aluminum calipers
Rear	300 (11.8 in) x 19 mm vented disc, single piston 43 mm floating iron calipers	300 (11.8 in) x 19 mm vented disc, single piston 43 mm floating iron calipers
<b>TIRES AND WHEELS</b> (TYPE, SIZE)		
Standard	P215/65R16 96T 16 x 7.0-inch wheels	P235/55ZR17 98W 17 x 8.0-inch wheels P235/50ZR18
Optional	17-inch wheel with Pony Package	18-inch polished aluminum wheels or 18-inch premium aluminum "Bullitt"

**DIMENSIONS** (inches unless otherwise noted)

**EXTERIOR**

Wheelbase	107.1	107.1
Overall length	187.6	187.6
Overall width	73.9	73.9
Overall height	55.4	55.4
Tread width, front/rear	62.8 / 63.0	62.8 / 63.0

**INTERIOR**

Seating capacity	4	4
Front headroom	38.6	38.6
Front legroom	42.7	42.7
Front shoulder room	55.3	55.3
Front hip room	53.6	53.6
Rear headroom	34.7	34.7
Rear legroom	30.3	30.3
Rear shoulder room	53.4	53.4
Rear hip room	46.8	46.8

**WEIGHTS AND CAPACITIES**

SAE passenger volume	84.7 cu. ft.	84.7 cu. ft.
Cargo volume	13.1 cu. ft.	13.1 cu. ft.
Maximum towing capacity (properly equipped)	1,000 lbs.	1,000 lbs.

**BASE CURB WEIGHT (POUNDS)**

Manual transmission	3,373	3,488
Automatic transmission	3,418	3,525
Weight distribution (f/r)	55/45	54/46
Power-to-weight ratio	19.4 lbs. per hp	15.2 lbs. per hp
Manual transmission	16.06	11.63
Automatic transmission	16.28	11.75

**EXTERIOR/INTERIOR COLORS**

Exterior	Torch Red, Screaming Yellow, Performance White, Legend Lime, Windveil Blue, Satin Silver, Black
Interior	<ul style="list-style-type: none"> <li>● New for 2006: Tungsten Grey, Vista Blue</li> </ul> Medium Parchment, Light Graphite, Dark Charcoal Black, Dark Charcoal Black with red interior accents

**WARRANTY INFORMATION**

Warranty	3-year, 36,000-mile bumper-to-bumper limited warranty
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These are preliminary specifications subject to change.