

2012 FORD MUSTANG GT TECHNICAL SPECIFICATIONS

BODY	
Construction	Unitized welded steel body, aluminum hood
Final assembly location	Flat Rock, Mich.
POWERTRAIN AND CHASSIS	
ENGINE	
Type	5.0-liter four-valve Ti-VCT V8
Manufacturing location	Essex Engine Plant, Windsor, Ontario
Configuration	Aluminum block and heads
Intake manifold	Composite shell-welded with runner pack
Exhaust manifold	Stainless steel tubular headers
Redline	7,000 rpm
Valvetrain	DOHC, four valves per cylinder, variable intake, variable camshaft timing
Valve diameter/lift (mm)	Intake 37/12, exhaust 31/11
Pistons	Cast aluminum
Connecting rods	Forged steel
Ignition	High-energy coil-on-plug
Bore x stroke	3.63 x 3.65 in./92.2 x 92.7 mm
Displacement	302 cu. in./4,951 cc
Compression ratio	11.0:1
Engine control system	PCM
Horsepower	412 @ 6,500 rpm
Horsepower per liter	82.4
Torque	390 lb.-ft. @ 4,250 rpm
Recommended fuel	91 octane (unleaded 87 octane minimum)
Fuel capacity	16 gallons
Fuel delivery	Sequential mechanical returnless
Oil capacity	Eight quarts with filter (10,000-mile service interval)
DRIVETRAIN	
Layout	Rear-wheel drive (limited-slip differential)
TRANSMISSION	
Standard	Six-speed manual
Gear ratios	
First	3.66
Second	2.43
Third	1.69
Fourth	1.32
Fifth	1.00
Sixth	0.65
Final drive	3.31:1

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Optional	Six-speed automatic
Gear ratios	
First	4.17
Second	2.34
Third	1.52
Fourth	1.14
Fifth	0.87
Sixth	0.69
Final drive	3.15:1
SUSPENSION	
Front	Reverse-L independent MacPherson strut, 34.6-mm tubular stabilizer bar
Rear	Three-link solid (limited slip) axle with coil springs and Panhard rod and 44.0-mm solid stabilizer bar
STEERING	
Type	Electric power-assisted steering (EPAS) with rack-and-pinion gear
Ratio	15.8:1
Turning circle, curb-to-curb	33.4 ft. (est.)
BRAKES	
Type	Four-wheel power disc brakes with four-sensor, four-channel anti-lock braking system (ABS)
Front	336 (13.2 in.) x 36-mm vented discs, twin-piston 43-mm floating aluminum calipers
Rear	300 (11.8 in.) x 19-mm vented discs, single-piston 43-mm floating iron calipers
TIRE AND WHEELS (TYPE, SIZE)	
Standard	P235/50R-18 all-season 18 x 8.0-in. wide spoke painted aluminum wheels Standard aluminum wheel mini-spare
Optional	19 x 8.5-in. premium painted aluminum wheels 19 x 8.5-in. machined face with painted spoke aluminum wheels 19 x 8.5-in. machined face with argent painted aluminum wheels (GT/CS) 19 x 9.0-in. dark-stainless premium painted aluminum wheels (Brembo Brake Package)

DIMENSIONS (inches unless otherwise noted)		
	Coupe	Convertible
EXTERIOR		
Wheelbase	107.1	107.1
Overall length	188.1	188.1
Overall width	73.9	73.9
Overall height	55.8	55.8
Track, front/rear	62.3/62.9	62.0/62.9
INTERIOR		
Seating capacity	Four	Four
Front headroom	38.5	38.8
Front legroom	42.4	42.4
Front shoulder room	55.3	55.3

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Front hip room	53.4	53.4
Rear headroom	34.7	36.5
Rear legroom	29.8	29.8
Rear shoulder room	51.6	45.0
Rear hip room	46.8	45.2
WEIGHTS AND CAPACITIES		
SAE passenger volume	83.3 cu. ft.	81.0 cu. ft.
Cargo volume	13.4 cu. ft.	9.6 cu. ft.
Maximum towing capacity (properly equipped)	1,000 lbs.	1,000 lbs.
FUEL ECONOMY		
Six-speed automatic	18 mpg city/25 mpg highway	
Six-speed manual	17 mpg city/26 mpg highway	
BASE CURB WEIGHT (POUNDS)		
Manual transmission	3,603	3,723
Automatic transmission	3,650	3,780
Weight distribution (f/r)	54/46	54/46

Specifications subject to change without prior notification