

2011 FORD MUSTANG GT TECHNICAL SPECIFICATIONS

BODY	
Construction: Unitized welded steel body, aluminum hood	
Final assembly location: Flat Rock, Michigan	
POWERTRAIN AND CHASSIS	
ENGINE	V-8
Type	5.0L 4V Ti-VCT V-8
Manufacturing location	Essex Engine, 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, 4 valves per cylinder, variable intake, variable camshaft timing
Valve diameter/lift (mm)	Intake: 37/12; Exhaust: 31/11
Ti-VCT operating range	50 degrees for both intake and exhaust
Pistons	Cast aluminum
Connecting rods	Forged steel
Ignition	High-energy coil-on-plug
Bore x stroke	3.63 in x 3.65 in/92.2 mm x 92.7 mm
Displacement	302 cu. in./4,951 cc
Compression ratio	11.0:1 (est.)
Engine control system	PCM
Horsepower	412 @ 6,500 rpm (est.)
Horsepower per liter	82.4
Torque	390 lb.-ft. @ 4,250 rpm (est.)
Recommended fuel	91 octane (unleaded 87 octane minimum)
Fuel capacity	16 gallons
Fuel delivery	Sequential mechanical returnless
Oil capacity	8 quarts with filter (10,000-mile service interval)

DRIVETRAIN	
Layout	Rear-wheel drive (Limited slip differential)
TRANSMISSION	
Standard	6-speed manual
Gear ratios	
1 st	3.66
2 nd	2.43
3 rd	1.69
4 th	1.32
5 th	1.00
6 th	0.65
Final drive	3.31:1

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Optional		6-speed automatic
Gear ratios		
1 st		4.17
2 nd		2.34
3 rd		1.52
4 th		1.14
5 th		0.87
6 th		0.69
Final drive		3.15:1
SUSPENSION		
Front	Reverse-L independent MacPherson strut, 34.6-mm tubular stabilizer bar	
Rear	3-link solid (limited slip) axle with coil springs and Panhard rod and 44.0-mm solid stabilizer bar	
STEERING		
Type	Electric Power Assist 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 4-sensor, 4-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-inch wide spoke painted aluminum wheels Standard aluminum wheel mini-spare	
Optional	18 x 8.5-inch premium painted aluminum wheels 19 x 8.5-inch machined face with painted spoke aluminum wheels 18 x 8.0-inch sterling gray metallic painted aluminum wheels (MCAS Edition) 19 x 8.5-inch machined face with argent painted aluminum wheels (GT/CS) 19 x 9.0-inch 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

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INTERIOR		
Seating capacity	4	4
Front headroom	38.5	38.8
Front legroom	42.4	42.4
Front shoulder room	55.3	55.3
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 (city/hwy)	6-speed Automatic	6-speed Manual
5.0L 4V Ti-VCT V-8	17/25 (est.)	16/24 (est.)
BASE CURB WEIGHT (POUNDS)		
Manual transmission	3,603 (est.)	3,720 (est.)
Automatic transmission	3,658 (est.)	3,770 (est.)
Weight distribution (f/r)	54/46 (est.)	54/46 (est.)

Specifications subject to change without prior notification