

2011 FORD MUSTANG V-6 TECHNICAL SPECIFICATIONS

BODY	
Construction: Unitized welded steel body, aluminum hood	
Final assembly location: Flat Rock, Michigan (USA)	
POWERTRAIN AND CHASSIS	
ENGINE	V-6
Type	3.7L V-6
Manufacturing location	Cleveland, Ohio (USA)
Configuration	Aluminum block and aluminum head
Intake manifold	Composite shell-welded with internal runner pack
Exhaust manifold	Cast iron
Redline	6,850 rpm, hard limit 7,000 rpm
Valvetrain	DOHC, 4 valves per cylinder, twin independent variable camshaft timing
Pistons	Cast aluminum
Connecting rods	Forged steel
Ignition	Distributorless with coil-on-plug
Bore x stroke	3.76 x 3.41/95.5 x 86.7 mm
Displacement	227 cu. in./3,731 cc
Compression ratio	10.5:1
Engine control system	PCM
Horsepower	305 @ 6,500 rpm
Horsepower per liter	82
Torque	280 ft.-lb. @ 4,250 rpm
Recommended fuel	Unleaded 87 octane
Fuel capacity	16 gallons
Fuel delivery	Sequential multi-port electronic
Oil capacity	5 quarts with filter
DRIVETRAIN	
Layout	Rear-wheel drive
TRANSMISSION	
Standard	6-speed manual
Gear ratios	
1st	4.236
2nd	2.538
3rd	1.665
4th	1.238
5th	1.00
6th	0.70
Final drive	2.73 or 3.31

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Optional	6-speed automatic	
1st		4.171
2nd		2.340
3rd		1.521
4th		1.143
5th		0.867
6th		0.691
Final drive		2.73 or 3.31
SUSPENSION		
Front	Reverse-L independent MacPherson strut, 34.0 mm tubular stabilizer bar	
Rear	3-link solid (limited slip) axle with coil springs and Panhard rod and 22.0 mm solid stabilizer bar	
STEERING		
Type	Rack-and-pinion with electric power assist	
Ratio	15.7:1	
Turning circle curb-to-curb	33.8 ft.	
BRAKES		
Type	Four-wheel power disc brakes with 4-sensor, 4-channel anti-lock braking system (ABS)	
Front	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	
TIRES AND WHEELS (TYPE, SIZE)		
Standard	Manual: P225/60R17 A/S BFGoodrich Radial T/A Auto: P215/65R17 A/S Michelin Energy Saver 17 x 7.0-in. silver painted aluminum wheels	
Optional	17 x 7.0-inch machined face, dark painted aluminum wheels P235/50ZR18 A/S Pirelli PZero Nero with: 18 x 8.0-in. narrow-spoke painted aluminum wheels 18 x 8.0-in. dark-stainless painted aluminum wheels 18 x 8.0-in. polished aluminum wheels 255/40R19 Pirelli PZero Summer-Only with: 19 x 8.5-inch painted aluminum wheels (Performance 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	55.6	56.1
Track, front/rear	62.3/62.9	62.3/62.9
INTERIOR		
Seating capacity	4	4
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 (city/hwy)		
6-speed automatic	19/31 mpg	19/30 mpg
6-speed manual	19/29 mpg	19/29 mpg
BASE CURB WEIGHT (POUNDS)		
Manual transmission	3,453 (est.)	3,586 (est.)
Automatic transmission	3,473 (est.)	3,604 (est.)
Weight distribution (f/r)	54/46 (est.)	53/47 (est.)
Power-to-weight ratio	TBD	TBD
Manual transmission	TBD	TBD
Automatic transmission	TBD	TBD

Specifications subject to change.