

## 2012 FORD MUSTANG BOSS 302 TECHNICAL SPECIFICATIONS

<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	High-performance 5.0-liter, four-valve Ti-VCT V8
Manufacturing location	Windsor Engine Plant, Windsor, Ontario
Configuration	Aluminum block and heads
Intake manifold	Composite shell-welded with runner pack
Exhaust manifold	Stainless steel tubular headers, quad exhaust
Redline	7,500 rpm
Valvetrain	DOHC, four 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	Forged 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	444 @ 7,400 rpm
Horsepower per liter	88.8
Torque	380 lb.-ft. @4,500 rpm
Required fuel	87 octane (premium fuel recommended)
Fuel capacity	16 gallons
Fuel delivery	Sequential mechanical returnless
Oil capacity	8.5 quarts with filter (10,000-mile service interval)
<b>DRIVETRAIN</b>	
Layout	Rear-wheel-drive
<b>TRANSMISSION</b>	
Standard	Six-speed manual
<b>Gear ratios</b>	
First	3.66
Second	2.43
Third	1.69
Fourth	1.32
Fifth	1.00
Sixth	0.65
Final drive	3.73:1

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<b>SUSPENSION</b>	
Front	Independent MacPherson strut with reverse-L lower control arm, 34.6-mm tubular stabilizer bar, strut tower brace, manual adjustable strut damping
Rear	Three-link solid axle with limited-slip differential, performance coil springs, Panhard bar, 25-mm stabilizer bar and manual adjustable shock damping
<b>STEERING</b>	
Type	Rack-and-pinion with electric power-assisted steering (EPAS)
Ratio	15.9:1
Turning circle, curb-to-curb	39.4 ft. (est.)
<b>BRAKES</b>	
Type	Four-wheel power disc brakes with four-sensor, four-channel anti-lock braking system (ABS), low-expansion brake hoses
Front	355 (14-in.) x 32-mm vented discs, four-piston Brembo™ 40/44-mm fixed aluminum calipers
Rear	300 (11.8-in.) x 19-mm vented discs, single-piston 43-mm floating iron calipers, Performance Friction Compound pads
<b>TIRES AND WHEELS</b>	
Standard	255/40R-19 Pirelli PZero max performance, 285/35R-19 Pirelli PZero max performance; 19 x 9-in., 19 x 9.5-in. wide-spoke painted aluminum wheels, standard tire mobility kit
<b>DIMENSIONS (inches unless otherwise noted)</b>	
<b>EXTERIOR</b>	
Wheelbase	107.1
Overall length	188.1
Overall width	73.9
Overall height	55.1
Track, front/rear	61.9/62.5
<b>INTERIOR</b>	
Seating capacity	Four
Front headroom	38.5
Front legroom	42.4
Front shoulder room	55.3
Front hip room	53.4
Rear headroom	34.7
Rear legroom	29.8
Rear shoulder room	51.6
Rear hip room	46.8
<b>WEIGHTS AND CAPACITIES</b>	
SAE passenger volume	83.3 cu. ft.
Cargo volume	13.4 cu. ft.
Maximum towing capacity	Not recommended

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<b>FUEL ECONOMY</b>	
Six-speed manual	17 mpg city/26 mpg highway
<b>BASE CURB WEIGHT</b>	
Manual transmission	3,632 pounds
Weight distribution (front/rear)	55/45

*Specifications subject to change.*