

## 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 5.0L 4V Ti-VCT V8
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	7,500 rpm (est.)
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	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 (est.)
Engine control system	PCM
Horsepower	440 (est.)
Horsepower per liter	88
Torque	380 lb.-ft. (est.)
Recommended fuel	92 octane
Fuel capacity	16 gallons
Fuel delivery	Sequential mechanical returnless
Oil capacity	Eight quarts with filter (10,000-mile service interval)
<b>DRIVETRAIN</b>	
<b>Layout</b>	<b>Front engine / Rear-wheel drive</b>
<b>TRANSMISSION</b>	
<b>Standard</b>	<b>Six-speed manual</b>
<b>Gear ratios</b>	
1 <sup>st</sup>	3.66
2 <sup>nd</sup>	2.43
3 <sup>rd</sup>	1.69
4 <sup>th</sup>	1.32
5 <sup>th</sup>	1.00
6 <sup>th</sup>	0.65
Final drive	3.73:1
<b>SUSPENSION</b>	
Front	Independent MacPherson strut with Reverse-L lower control arm, 34.6 mm tubular stabilizer bar, strut tower brace, adjustable strut damping
Rear	3-link solid axle with limited-slip differential, coil springs, Panhard bar, 25.0 mm stabilizer bar and adjustable shock damping

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<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 4-sensor, 4-channel anti-lock braking system (ABS), low expansion brake hoses
Front	355 mm (14-in) x 36 mm vented discs, four-piston Brembo 43 mm floating aluminum calipers
Rear	300 mm (11.8-in) x 19 mm vented discs, single-piston 43 mm floating iron calipers
<b>TIRE AND WHEELS (type, size)</b>	
Standard	255/40ZR-19 Pirelli PZero, 285/35ZR-19 Pirelli PZero 19 x 9-in., 19 x 9.5-in. wide spoke painted aluminum wheels
<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	4
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 available
<b>FUEL ECONOMY (city/highway)</b>	
Six-speed manual	17/26 mpg
<b>BASE CURB WEIGHT (pounds)</b>	
Manual transmission	3,631 (est.)
Weight distribution (f/r)	55/45 (est.)

*Specifications subject to change without prior notification*