

## 2012 FORD MUSTANG BOSS 302 LAGUNA SECA 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 Torsen limited-slip differential, performance coil springs, Panhard bar, 26-mm stabilizer bar, body X-brace 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	255/40ZR-19 Pirelli Corsa competition performance, 285/35ZR-19 Pirelli Corsa competition performance, 19 x 9-in., 19 x 10-in. machined lightweight red 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	Two
Front headroom	38.5
Front legroom	42.4
Front shoulder room	55.3
Front hip room	53.4
<b>WEIGHTS AND CAPACITIES</b>	
SAE passenger volume	52.4 cu. ft.
Cargo volume	13.4 cu. ft.
Maximum towing capacity	Not recommended
<b>FUEL ECONOMY</b>	
Six-speed manual	17 mpg city/26 mpg highway

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<b>BASE CURB WEIGHT</b>	
Manual transmission	3,637 pounds
Weight distribution (front/rear)	55/45

*Specifications subject to change.*