

2012 FORD MUSTANG BOSS 302 LAGUNA SECA TECHNICAL SPECIFICATIONS

BODY	
Construction: Unitized welded steel body, aluminum hood	
Final assembly location: Flat Rock, Mich.	
POWERTRAIN AND CHASSIS	
ENGINE	
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	Cast 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	91 octane
Fuel capacity	16 gallons
Fuel delivery	Sequential mechanical returnless
Oil capacity	Eight quarts with filter (10,000-mile service interval)
DRIVETRAIN	
Layout	Front engine / Rear-wheel drive
TRANSMISSION	
Standard	Six-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	3.73:1

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SUSPENSION	
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 Torsen limited-slip differential, coil springs, Panhard bar, 26.0 mm stabilizer bar, body X-brace and adjustable shock damping
STEERING	
Type	Rack-and-pinion with electric power-assisted steering (EPAS)
Ratio	15.9:1
Turning circle curb-to-curb	39.4 ft. (est.)
BRAKES	
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
TIRE AND WHEELS (type, size)	
Standard	255/40ZR-19 Pirelli Corsa, 285/35ZR-19 Pirelli Corsa 19 x 9-in., 19 x 10-in. machined lightweight aluminum wheels
DIMENSIONS (inches unless otherwise noted)	
EXTERIOR	
Wheelbase	107.1
Overall length	188.1
Overall width	73.9
Overall height	55.1
Track, front/rear	61.9/62.5
INTERIOR	
Seating capacity	2
Front headroom	38.5
Front legroom	42.4
Front shoulder room	55.3
Front hip room	53.4
WEIGHTS AND CAPACITIES	
SAE passenger volume	52.4 cu. ft.
Cargo volume	13.4 cu. ft.
Maximum towing capacity	Not available
FUEL ECONOMY (city/highway)	
Six-speed manual	17/26 mpg
BASE CURB WEIGHT (pounds)	
Manual transmission	3,636 (est.)
Weight distribution (f/r)	55/45 (est.)

Specifications subject to change without prior notification