

2012 FORD MUSTANG BOSS 302 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 |
| 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 limited-slip differential, coil springs, Panhard bar, 25.0 mm stabilizer bar and adjustable shock damping |

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| 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 PZero, 285/35ZR-19 Pirelli PZero 19 x 9-in., 19 x 9.5-in. wide spoke painted 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 | 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 |
| WEIGHTS AND CAPACITIES | |
| SAE passenger volume | 83.3 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 | 3,631 (est.) |
| Weight distribution (f/r) | 55/45 (est.) |

Specifications subject to change without prior notification