

2013 Subaru Tribeca™ Limited

Specifications

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| Vehicle type | 7-passenger crossover sport-utility vehicle | |
| Engine | | |
| Configuration | 6-cylinder, horizontally opposed (Boxer); aluminum cylinder block and heads | |
| Displacement | 3,630 cc (221.5 cu. in.) | |
| Bore x Stroke | 92 mm x 91 mm (3.62 in. x 3.58 in.) | |
| Compression ratio | 10.5:1 | |
| Horsepower | 256 @ 6,000 rpm | |
| Torque | 247 lb.-ft. @ 4,400 rpm | |
| Valvetrain | Double overhead chain-driven camshafts (DOHC), four valves per cylinder, Dual Active Valve Control System (Dual-AVCS) variable valve timing on intake and exhaust camshafts | |
| Fuel/Induction/Engine management | Sequential multi-port fuel injection (MFI) with multi-spray injectors and Electronic Throttle Control (ETC) system; electronic returnless fuel system | |
| Fuel | Regular, 87 AKI minimum recommended | |
| Ignition | Direct | |
| Firing order | 1-6-3-2-5-4 | |
| Emission control system | Low Emission Vehicle (LEV) standard, 50-state certified CA: LEV 2 / Fed: Bin 5 Tier 2 | |
| Alternator rating | 12v, 110 amps | |
| Drivetrain | Standard: Symmetrical All-Wheel Drive | |
| Transmission | 5-speed electronic control automatic with SPORTSHIFT manual mode | |
| All-Wheel Drive System | VTD uses a planetary gear-type center differential with electronically controlled continuously variable hydraulic transfer clutch to divide engine power 45:55, adjusting in response to driving conditions. | |
| Stability/traction control | Vehicle Dynamics Control (VDC) uses a stability system to control VTD operation and integrates an all-speed, all-wheel electronic traction control system (TCS). | |
| Transmission ratios | | |
| | 1 | 3.540 |
| | 2 | 2.264 |
| | 3 | 1.471 |
| | 4 | 1.000 |
| | 5 | 0.834 |
| | Reverse | 2.370 |
| | Final drive ratio | 3.583 |
| Chassis | Unitized body construction | |
| Suspension | 4-wheel independent | |
| | Front | MacPherson-type struts with internal rebound springs, lower L-arms, liquid filled L-arm rear bushings, stabilizer bar |
| | Rear | Double wishbone with cast-iron upper arm, steel lower lateral arm and trailing links, separate coil-over springs and shock absorbers, rear stabilizer bar |
| Brakes | Power-assisted 4-wheel discs with Electronic Brake-force Distribution (EBD) and 4-channel / 4-sensor ABS and Brake Assist | |
| | Front | 12.3 x 1.2 in. ventilated discs, dual-piston floating calipers |
| | Rear | 12.4 x 0.71 in. ventilated discs, single-piston floating calipers |
| Steering | Rack-and-pinion with engine-speed-sensing variable power assist | |
| | Ratio | 18:1 |

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| Turns, lock-to-lock | 3.44 |
| Turning circle | 37.4 ft. curb-to-curb |
| Wheels | 18 x 8.0 JJ aluminum-alloy, dual-5-spoke design (7-spoke design on Touring) |
| Tires | 255/55 R18 104H Goodyear Eagle LS2 raised black letter M+S all-season; Tire pressure monitoring system |
| Exterior Dimensions | |
| Coefficient of drag (Cd) | 0.38 |
| Wheelbase | 108.2 in. |
| Length | 191.5 in. |
| Width | 73.9 in. (88.8 in. including mirrors) |
| Height | 66.4 in. (67.7 in. including crossbars) |
| Track (front/rear) | 62.2 in. / 62.1 in. |
| Minimum ground clearance | 8.4 in. Location of minimum ground clearance: exhaust pipe |
| Angle of approach | 16.7 deg. |
| Angle of departure | 21.1 deg. |
| Ramp breakover angle | 18.6 deg. |
| Curb weight (lbs.) | 4,214 |
| Interior Dimensions | |
| Headroom (f/r/3) | 38.9in. / 38.2 in. / 36.2 in. |
| Legroom (f/r/3) | 42.3 in. /34.3 in. / 30.9 in. |
| Hip room (f/r/3) | 54.0 in. / 54.6 in. / 43.3 in. |
| Shoulder room (f/r/3) | 58.1 in. / 57.5 in. /51.3 in. |
| EPA interior volume | 141.8 cu. ft. |
| Max. load floor length | 3 rd row seats up: 17.1 in. 2 nd row seat up: 44.4 in. 2 nd and 3 rd row seats down: 74.3 in. |
| Cargo lift over height | 29.2 in. |
| Cargo area height | 32.9 in. |
| Width between wheelhouses | 43.3 in. |
| Max cargo volume | All seats down: 74.4 cu. ft. 2 nd row seats up: 37.6 cu. ft. All seats up: 8.3 cu. ft. |
| Towing capacity | Standard, Class I: 2,000 lb. (200 lb. tongue weight) Available, Class II: 3,500 lb. (350 lb. tongue weight) |
| Fuel Efficiency | |
| EPA city / highway / combined mpg | 16/21/18 |
| Fuel capacity | 16.9 gal. |