

# 2012 Subaru Tribeca™

## Specifications

<b>Vehicle type</b>	7-passenger crossover sport-utility vehicle
<b>Engine</b>	
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
<b>Drivetrain</b>	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
<b>Chassis</b>	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
	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
<b>Exterior Dimensions</b>	
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.)	Premium: 4,173 Limited: 4,214 Touring: 4,256
<b>Interior Dimensions</b>	
Headroom (f/r/3)	7-passenger: 38.9in. / 38.2 in. / 36.2 in.
Legroom (f/r/3)	7-passenger: 42.3 in. /34.3 in. / 30.9 in.
Hip room (f/r/3)	7-passenger: 54.0 in. / 54.6 in. / 43.3 in.
Shoulder room (f/r/3)	7-passenger: 58.1 in. / 57.5 in. /51.3 in.
EPA interior volume	141.8 cu. ft.
Max. load floor length	3 <sup>rd</sup> row seats up: 17.1 in. 2 <sup>nd</sup> row seat up: 44.4 in. 2 <sup>nd</sup> and 3 <sup>rd</sup> 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 <sup>nd</sup> 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)
<b>Fuel Efficiency</b>	
EPA city / highway / combined mpg	16/21/18
EPA highway mpg	21
Fuel capacity	16.9 gal.