

# 2014 Subaru Forester®

## Specifications

Engine	2.5i Models		2.0XT Models
Configuration	4-cylinder, horizontally opposed (Boxer); aluminum cylinder block and heads		4-cylinder, horizontally opposed (Boxer), turbocharged/intercooled, aluminum cylinder block and heads
Displacement	2,498 cc		1,998 cc
Bore x Stroke	94.0 mm x 90.0 mm		86 mm x 86 mm
Compression ratio	10:1		10.6:1
Horsepower	170 @ 5,800 rpm		250 @ 5,600 rpm*
Torque lb.-ft.	174 @ 4,100 rpm		258 @ 2,000-4,800 rpm
Valvetrain	Double overhead chain-driven camshafts (DOHC), four valves per cylinder, chain-driven camshafts, Subaru Active Valve Control System (AVCS) variable valve timing		Double overhead chain-driven camshafts (DOHC), four valves per cylinder, Subaru Dual Active Valve Control System (AVCS) variable valve timing on intake and exhaust valves
Fuel/Induction	Sequential multi-port fuel injection (MFI); cylinder head-mounted injectors; Electronic Throttle Control (ETC)		Gasoline Direct Injection (GDI), Electronic Throttle Control (ETC), turbocharger with intercooler
Fuel requirement	Regular, 87 AKI min.		Premium: 91 AKI min.
Emission control	PZEV on all North American models.		Tier 2 BIN 5 Low Emission Vehicle (LEV II) standard, 50-state certified
Drivetrain			
Transmission	6-speed manual standard for 2.5i Lineartronic® continuously variable transmission (CVT) optional or standard for 2.5i and standard for all 2.0XT models; features 6-speed and 8-speed manual modes on 2.0XT.		
M/T AWD System	Continuous All-Wheel Drive with viscous-coupling locking center differential		
A/T AWD System	Active All-Wheel Drive with electronically managed continuously variable hydraulic transfer clutch; features X-Mode enhanced control system on high-line models		
Stability/traction control	Vehicle Dynamics Control with all-wheel, all-speed traction control		
Transmission ratios	2.5i models		2.0XT
	6-speed manual	CVT	CVT
1	3.454	Ratio range: 3.581 – 0.570	Ratio range: 3.505 – 0.544
2	1.888		
3	1.296		
4	0.972		
5	0.780		
6	0.695		
R	3.636	3.667	2.345
Final drive ratio	4.44	3.70	4.11
Chassis			
Suspension	Unitized body construction, Ring-Shaped Frame Reinforcement safety structure		
	4-wheel independent; sport-tuned on 2.0XT with higher-rate springs than 2.5i models (10% higher in front, 20% rear), plus special chassis reinforcements		
Front	MacPherson-type struts, lower L-arms, coil springs and stabilizer bar		
Rear	Double wishbone with subframe, coil springs and stabilizer bar		
Brakes	Power-assisted 4-wheel disc with Electronic Brake-force Distribution (EBD) and 4-channel / 4-sensor ABS and Brake Assist		

Front	11.6-inch ventilated discs dual-piston calipers	12.4-inch ventilated discs dual-piston calipers
Rear	10.8-inch solid discs, single-piston calipers	10.9-inch ventilated discs, single-piston calipers
Steering	Rack-and-pinion with electric power assist	
Ratio	15.5:1	
Turns, lock-to-lock	3.1	
Turning circle	34.8 ft.	
Wheels	17 x 7 aluminum alloy	18 x 7 aluminum alloy
Tires	225/60 R17 98H Yokohama Geolander G91 M+S all-season	225/55 R18 97H Bridgestone Dueler H/L 400 M+S all-season
<b>Exterior Dimensions (in./mm)</b>		
Wheelbase	103.9 / 2,640	
Length	180.9 / 4,595	
Width	70.7 / 1,795	
Height	With roof rail: 68.2 / 1,735 without roof rail: 66.4 / 1,687	
Track	60.9 / 1,547 61.1 / 1,552	
Ground clearance	8.7 / 220	
Angle of approach	23.0 deg.	
Angle of departure	25.0 deg.	
Ramp breakover angle	21.0 deg.	
Base curb weight	2.5i	2.0XT
	6-speed manual: 3,296 lbs.	6-speed manual: 3,624 lbs.
	CVT: 3,366 lbs.	CVT: 3,622 lbs.
<b>Interior Dimensions in./mm</b>		
Headroom	Front: 41.4 / 1,052	Rear: 39.8 / 1,012
Headroom (w/sunroof)	Front: 40.0 / 1,015	Rear: 37.5 / 952
Legroom	Front: 43.0 / 1,093	Rear: 41.7 / 1,059
Hip room (f/r)	Front: 53.9 / 1,369	Rear: 53.0 / 1,346
Shoulder room (f/r)	Front: 57.0 / 1,448	Rear: 56.5 / 1,434
Max. load floor length	Rear seatbacks seatback up: 34.4 / 873 Rear seatback down: 61.7 in./1,566	
Cargo area height	34.8 / 884 With moonroof: 31.9/811	
Cargo area liftover height	28.6 / 726	
Width between wheelhouses	42.2 / 1,073	
EPA passenger volume	113.1 cu. ft. With sunroof: 107.8 cu. ft.	
Cargo volume	Rear seatbacks up: 34.4 cu. ft. / Rear seatbacks down: 74.7 cu. ft. With moonroof: 31.5 cu. ft. / 68.5 cu. ft.	
Towing capacity	Up to 1,500 lbs.	
<b>Manufacturer's estimated fuel economy</b>	2.5i	2.0XT
City/highway/combined	6-speed manual: 22/29/24 CVT: 24/32/27	CVT: 23/28/25
Fuel capacity	15.9 gal.	

Specifications preliminary and subject to change before vehicle retail introduction.

\* With 93 AKI premium fuel