

2019 Subaru Forester®

Specifications

Vehicle type	5-passenger sport utility vehicle
Engine	4-cyl. horizontally opposed (BOXER), aluminum cylinder block and heads
Displacement	2,498 cc / 152 cu. in.
Bore x Stroke	94.0mm x 90.0mm / 3.70 in. x 3.54 in.
Compression ratio	12.0:1
Horsepower	182 @ 5,800 rpm
Torque	176 lb.-ft. @ 4,400 rpm
Fuel system	Direct fuel injection, electronic throttle control
Fuel requirement	Regular grade, minimum 87 AKI
Valvetrain	Double overhead chain-driven camshafts (DOHC), 4 valves per cylinder, Dual Active Valve Control System (DAVCS) controls valve timing on intake and exhaust camshafts, tumble generator valves
Ignition	Direct
Transmission	Lineartronic® CVT (continuously variable transmission); Sport and Touring feature driver-selectable 7-speed manual shift mode and steering wheel paddle shift control switches.
X-Mode	Driver-selectable X-Mode optimizes engine output and CVT ratio position, increases active all-wheel drive engagement and uses enhanced control logic for the Vehicle Dynamics Control (VDC) stability system to reduce individual wheel spin. Premium has single-mode X-MODE that has integrated VDC/Traction control into the X-MODE control dial; Sport, Limited and Touring have dual-mode X-Mode with Snow/Dirt mode that allows the driver to manually deactivate VDC/Traction Control and Deep Snow/Mud mode that automatically disengages VDC/Traction Control. Hill Descent Control standard on Premium, Sport, Limited and Touring.
Final drive ratio	3.700
Symmetrical All-Wheel Drive	Standard on all models. Active Torque Split All-Wheel Drive with electronically managed continuously variable hydraulic transfer clutch that actively manages the torque split based on acceleration, deceleration and available traction. System continuously powers all four wheels and will transfer torque to the wheels with the best grip.
Stability/traction control	Vehicle Dynamics Control with all-wheel, all-speed traction control (TCS) and rollover sensor
Chassis	Unitized body construction, Ring Shape Reinforcement Frame safety structure
Suspension	4-wheel independent
Front	MacPherson-type struts, lower L-arms, coil springs, stabilizer bar Hydraulic engine mounts
Rear	Double wishbone, coil springs, stabilizer bar
Brakes	Power-assisted 4-wheel disc with Electronic Brake-force Distribution (EBD) and 4-channel / 4-sensor ABS with Brake Assist and Brake Override safety systems; Active Torque Vectoring; Auto Vehicle Hold; Electronic Parking Brake
Steering	Electric Power Assisted rack-and-pinion Steering (EPAS)

Wheels	Base model: 17 x 7-in steel with full wheel cover Premium: 17 x 7-in aluminum alloy (optional for Base model) Sport, Limited, Touring: 18 x 7-in aluminum alloy with unique design for each trim
Tires	Base and Premium: 225/60R17 99H all-season All others: 225/55R18 98H all season
Exterior Dimensions	
Wheelbase	105.1 in.
Length	182.1 in.
Width	71.5 in. w/o mirrors 80.9 in. with mirrors on Base and Premium 81.3 in. with mirrors on Sport, Limited and Touring
Height	67.5 in. w/o roof rails (Base) 68.1 in. with optional roof rails (Base) 68.1 in. with standard roof rails (All other models)
Min. road clearance	8.7 in.
Angle of approach	22.9 deg.
Angle of departure	24.6 deg.
Ramp breakover angle	19.6 deg.
Track (front/rear)	61.6/61.8 in.
Curb weight (lb.)	Base: 3,449 Premium: 3,516 Sport: 3,531 Limited: 3,541 Touring: 3,588
Interior Dimensions	
Headroom (f/r)	41.2 in. /39.6 in. with moonroof: 40.2 in./37.7 in.
Legroom (f/r)	43.3 in./39.4 in.
Hip room (f/r)	54.1 in./53.6 in.
Shoulder room (f/r)	58.2 in./57.2 in.
EPA passenger volume	111.9 cu.ft. with moonroof: 107.8 cu.ft.
Cargo volume	Rear seatbacks up: 35.4 cu.ft. with moonroof: 33.0 cu.ft. Rear seatbacks down: 76.1 cu.ft. with moonroof: 70.9 cu.ft.
Trunk liftover height	28.4 in.
Cargo area height	34.8 in. with moonroof: 32.4 in.
Cargo area width between wheel housings	43.3 in.
Max. load floor length	Rear seatbacks up: 35.7 in. Rear seatbacks down: 73.1 in.
Rear gate max opening width	51.2 in. (at lower area: 49.5 in.)
Fuel economy	
EPA – estimated city/highway/combined mpg	26/33/29
Fuel tank capacity	16.6 gal.