

2017 Subaru Forester®

Specifications

| Engine | 2.5i Models | | 2.0XT Models | |
|----------------------------|--|--------------------------------------|---|-------|
| Configuration | 4-cylinder, horizontally opposed (Boxer) aluminum cylinder heads and block | | 4-cylinder, turbocharged and intercooled, horizontally opposed (Boxer) aluminum cylinder heads and block | |
| Displacement | 2,498 cc | | 1,998 cc | |
| Bore x Stroke | 94 mm x 90 mm | | 86 mm x 86 mm | |
| Compression ratio | 10.0:1 | | 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 | Chain driven Double Overhead Camshafts (DOHC), four valves per cylinder, Subaru Active Valve Control System (AVCS) | | Chain driven Double Overhead Camshafts (DOHC), four valves per cylinder, Subaru Dual Active Valve Control System (DAVCS) | |
| 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 (93 AKI) recommended for maximum performance | |
| 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® CVT (continuously variable transmission) 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; X-Mode enhanced control system on all models | | | |
| Stability/traction control | Vehicle Dynamics Control (VDC) with all-wheel, all-speed traction control | | | |
| Transmission ratios | 2.5i models | | 2.0XT | |
| | 6-speed manual | CVT Ratio range: 3.581 – 0.570 | CVT Ratio range: 3.505 – 0.611 SI-DRIVE paddle shift ratios below, 6-speeds for “I” and “S” modes and 8 speeds for “S Sharp” mode | |
| | 1 | 3.454 | 3.505 | 3.505 |
| | 2 | 1.888 | 2.238 | 2.270 |
| | 3 | 1.296 | 1.641 | 1.752 |
| | 4 | 0.972 | 1.194 | 1.417 |
| | 5 | 0.780 | 0.880 | 1.170 |
| | 6 | 0.695 | 0.611 | 0.968 |
| | 7 | -- | -- | 0.785 |
| | 8 | -- | -- | 0.611 |
| | R | 3.636 | 2.345 | |
| Final drive ratio | | 4.444 | 4.111 | |

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| Chassis | Unitized body construction, Ring-shaped Frame Reinforcement safety structure | |
| Suspension | 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 pillow ball joint mount, 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-in. ventilated discs dual-piston calipers | 12.4-in. ventilated discs dual-piston calipers |
| Rear | 10.8-in. solid discs, single-piston calipers | 10.9-in. ventilated discs, single-piston calipers |
| Steering | Electric Power Assisted Rack and Pinion Steering (EPAS) | |
| Ratio | 14.0:1 | |
| Turns, lock-to-lock | 3.1 | |
| Turning circle | 34.8 ft. | |
| Wheels | 2.5i: 17 x 7-in. steel Premium and Limited and optional for base trim: 17 x 7-in. alloy 2.5i Touring: 18 x 7-in. alloy | 18 x 7-in. alloy |
| Tires | 225/60 R17 98H M+S all-season 2.5i Touring: 225/55 R18 97H M+S all-season | 225/55 R18 97H M+S all-season |
| Exterior Dimensions (in./mm) | | |
| Wheelbase | 103.9 / 2,640 | |
| Length | 181.5 / 4,610 | |
| 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 (lbs.) | 2.5i 6-speed manual: 3,322 lbs. 2.5i CVT: 3,395 2.5i Premium 6-speed: 3,349 2.5i Premium: 3,422 2.5i Limited: 3,455 2.5i Touring: 3,479 | 2.0XT Premium: 3,653 2.0XT Touring: 3,686 |
| Interior Dimensions in. | | |
| Headroom | Front: 41.4 | Rear: 39.8 |
| Headroom (w/sunroof) | Front: 40.0 | Rear: 37.5 |
| Legroom | Front: 43.0 | Rear: 38.0 |
| Hip room (f/r) | Front: 53.9 | Rear: 53.0 |
| Shoulder room (f/r) | Front: 57.0 | Rear: 56.5 |
| Max. load floor length | Rear seatbacks seatback up: 37.1 Rear seatback down: 71.9 | |
| Cargo area height | 34.8 With moonroof: 31.9 | |
| Cargo area liftover height | 28.6 | |
| Width between wheelhouses | 42.2 | |

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|-----------------------------------|---|---------------|
| EPA passenger volume | 108.3 cu-ft With moonroof: 103.3 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. | |
| EPA estimated fuel economy | 2.5i | 2.0XT |
| City/highway/combined | 6-sp. manual: 22/28/24 CVT: 26/32/28 | CVT: 23/27/25 |
| Fuel capacity | 15.9 gal. | |

* With 93 AKI premium fuel