

2019 Subaru BRZ

Specifications

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| Engine | 4-cylinder, horizontally opposed (SUBARU BOXER), die-cast aluminum alloy cylinder block | |
| Displacement | 1,998 cc (122 cu. in.) | |
| Bore x Stroke | 86 mm x 86 mm (3.39 x 3.39 in.) | |
| Compression ratio | 12.5:1 | |
| Fuel/Induction | Direct and port fuel injection with multi-spray injectors, Electronic Throttle Control (ETC) system | |
| Horsepower | 205 hp @ 7,000 rpm (Automatic trans.: 200 hp @ 7,000 rpm) | |
| Torque | 156 lb.-ft. @ 6,400 rpm (Automatic trans.: 151 lb.-ft. @ 6,400 rpm) | |
| Valvetrain | Chain driven double overhead camshafts (DOHC), four valves per cylinder, Subaru Dual Active Valve Control System variable valve timing on intake and exhaust camshafts. | |
| Fuel requirement | Premium, 93 AKI | |
| Ignition | Direct with iridium tipped spark plugs | |
| Drivetrain | Rear-wheel drive with Torsen® limited-slip differential | |
| Transmission type | Standard: 6-speed manual Optional (for Limited): 6-speed automatic with manual shift mode, downshift blipping control and steering wheel paddle shifters | |
| Stability/traction control | Vehicle Stability Control (VSC) with traction control system (TCS); multi-mode switch with Track mode and TCS Off switch | |
| Transmission ratios | 6-speed manual | 6-speed automatic |
| | 1 3.626 | 3.538 |
| | 2 2.188 | 2.060 |
| | 3 1.541 | 1.404 |
| | 4 1.213 | 1.000 |
| | 5 1.000 | 0.713 |
| | 6 0.767 | 0.582 |
| | R 3.437 | 3.168 |
| Final drive ratio | 4.300 | 4.100 |
| Chassis | Unitized body construction with Ring-shaped Frame Reinforcement structure | |
| Suspension | 4-wheel independent Performance Package (optional for Limited, standard for Series.Gray): SACHS® performance dampers | |
| | Front | MacPherson-type struts; lower L-arms, coil springs, stabilizer bar, strut tower brace and anti-dive geometry |
| | Rear | Double-wishbone type with coil springs, stabilizer bar and anti-lift geometry |
| Brakes | Power assisted 4-wheel disc with standard 4-channel / 4-sensor ABS, Electronic Brake-force Distribution (EBD) and Brake Assist | |
| | Front | 11.6 in. ventilated disc, dual-piston calipers Performance Package: 12.8 in BREMBO® ventilated disc, 4-piston calipers |
| | Rear | 11.4 in. ventilated disc, single-piston calipers Performance Package: 12.4 in BREMBO® ventilated disc, 2-piston calipers |
| Steering | Rack-and-pinion with electric power assist | |
| | Ratio | 13.12:1 |
| | Turns, lock-to-lock | 2.48 |
| | Turning circle | 35.4 ft. |

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| Wheels | Premium and Limited: 17 in. x 7.0 in. aluminum alloy: black with machine finish Performance Package: 17 in. x 7.5 in. aluminum alloy: dark gray finish Series.Gray: 17 in. x 7.5 in. aluminum alloy: black finish | |
| Tires | 215/45 R17 87W summer performance | |
| Exterior Dimensions | | |
| Coefficient of drag | 0.29 | |
| Wheelbase | 101.2 in. | |
| Length | 166.7 in. | |
| Width | 69.9 in. | |
| Height | 52.0 in. | |
| Track (front/rear) | 59.8 in./60.6 in. | |
| Curb weight (lbs.) | 6-speed manual | 6-speed automatic |
| | Premium: 2,789 lb. Limited: 2,798 lb. Limited w/ Perf Package: 2,817 lb. Series.Gray: 2,817 lb. | Limited: 2,840 lb. |
| Interior Dimensions | | |
| Headroom (f/r) | 37.1 in. / 35.0 in. | |
| Legroom (f/r) | 41.9 in. / 29.9 in. | |
| Hip room (f/r) | 53.1 in. / 45.3 in. | |
| Shoulder room (f/r) | 54.5 in. / 51.7 in. | |
| EPA passenger volume | 76.5 cu. ft. | |
| EPA trunk volume | 6.9 cu. ft. (additional carrying space with rear seatback folded) | |
| Trunk liftover height | 26.2 in. | |
| Fuel Efficiency | | |
| Fuel economy City/highway/combined (EPA estimates) | 6-speed manual: 21/29/24 6-speed automatic: 24/33/27 | |
| Fuel tank capacity | 13.2 gal | |