

2018 Subaru BRZ Specifications

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	Manual trans: 205 hp @ 7,000 rpm Automatic trans: 200 hp @ 7,000 rpm	
Torque	Manual trans: 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 tS: STI-tuned suspension with SACHS performance dampers and special chassis braces Optional Performance Package (Limited): 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 tS and Performance Package: 12.8 in BREMBO® ventilated disc, 4-piston calipers	
Rear	11.4 in. ventilated disc, single-piston calipers tS and 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.	
Wheels	Premium and Limited: 17 in. x 7.0 in. aluminum alloy: black w/ machine finish Performance Package: 17 in. x 7.5 in. aluminum alloy: high luster dark gray finish tS: 18 in. x 7.5 in. STI aluminum alloy: black finish	
Tires	215/45 R17 87W summer performance tS: 215/40 R18 Michelin Pilot® Sport 4	
Exterior Dimensions		
Coefficient of drag	0.27	
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/ Performance Package: 2,817 lb. tS: 2,842 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: TBD 6-speed automatic: TBD	
Fuel tank capacity	13.2 gal	