

## 2020 Subaru BRZ

### Specifications

<b>Engine</b>	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	
<b>Drivetrain</b>	Rear-wheel drive with Torsen® limited-slip differential	
Transmission type	Standard: 6-speed manual Optional (Limited only): 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 BRZ tS: STI-tuned Vehicle Stability Control and Traction Control System	
Transmission ratios	6-speed manual	6-speed automatic (opt. for Limited)
	1	3.538
	2	2.060
	3	1.404
	4	1.000
	5	0.713
	6	0.582
	R	3.168
Final drive ratio	4.300	4.100
<b>Chassis</b>	Unitized body construction with Ring-shaped Frame Reinforcement structure	
Suspension	4-wheel independent Performance Package (optional for Limited): SACHS® performance dampers  BRZ tS: High-performance STI sport-tuned suspension with SACHS® performance dampers, STI coil springs, plus STI flexible draw stiffener on front crossmember and STI flexible V-bar strut tower braces	
	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 and BRZ tS: 12.8 in BREMBO® ventilated disc, 4-piston calipers
	Rear	Limited: 11.4 in. ventilated disc, single-piston calipers

	Performance Package and BRZ tS: 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	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 gray finish BRZ tS: 18 in. x 7.5 in. STI aluminum alloy: matte bronze finish	
Tires	Limited and Performance Package: 215/45 R17 87W summer performance BRZ tS: 215/40 R18 85Y	
<b>Exterior Dimensions</b>		
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 (lb)	6-speed manual	6-speed automatic
	Limited: 2,798 Limited w/ Performance Package: 2,817 BRZ tS: 2,833	Limited: 2,840
<b>Interior Dimensions</b>		
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.	
<b>Fuel Efficiency</b>		
Fuel economy City/highway/combined (EPA estimates)	6MT: 21/29/24 AT: 24/33/27 tS: 20/27/23	
Fuel tank capacity	13.2 gal	