

# 2013 Subaru BRZ

## Specifications

<b>Vehicle Type</b>	2-door, 2+2 sports car, rear-wheel drive	
<b>Engine</b>	4-cylinder, horizontally opposed (SUBARU BOXER), aluminum alloy cylinder block	
Displacement	1,998 cc	
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	200 hp @ 7,000 rpm	
Torque	151 lb.-ft. @ 6,400 rpm	
Valvetrain	Double overhead chain-driven camshafts (DOHC), four valves per cylinder, Subaru Dual Active Valve Control System variable valve timing on intake and exhaust camshafts.	
Recommended fuel	93 octane	
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: 6-speed automatic with manual shift mode, downshift blipping control and steering-wheel paddle shifters	
Stability/traction control	Vehicle Stability Control with traction control system (TCS); multi-mode switch with Sport mode and TCS Off switch	
Transmission ratios	6-speed manual	6-speed automatic
	1	3.538
	2	2.060
	3	1.404
	4	1.000
	5	0.713
	6	0.582
	R	3.168
Final drive ratio	4.100	4.100
<b>Chassis</b>	Unitized body construction with ring-shaped reinforcement frame structure	
Suspension	4-wheel independent	
	Front	MacPherson-type struts; lower L-arms, coil springs, stabilizer bar and strut tower brace
	Rear	Double-wishbone type with coil springs and stabilizer bar
Brakes	Power assisted 4-wheel disc with standard 4-channel / 4-sensor ABS, Electronic Brake-force Distribution (EBD) and Brake Assist	
	Front	294-mm ventilated disc, dual-piston calipers
	Rear	290-mm ventilated disc, single-piston calipers
Steering	Rack-and-pinion with electric power assist	
	Ratio	13.12
	Turns, lock-to-lock	2.48
	Turning circle	5.4 m
Wheels	17 x 7 aluminum alloy	
Tires	215/45 R17 87W summer performance	
<b>Exterior Dimensions</b>		
Coefficient of drag (Cd)	0.29 (without rear spoiler on BRZ, 0.28 with rear spoiler on BRZ Sport-tech Package)	
Wheelbase	2,570 mm	
Length	4,235 mm	

Width	1,775 mm	
Height	1,425 mm	
Track (front/rear)	1,520 mm / 1,540 mm	
Curb weight (lbs.)	6-speed manual	6-speed automatic
	BRZ: 1,255 kg BRZ Sport-tech Package: 1,259 kg	BRZ: 1,276 kg BRZ Sport-tech Package: 1,280 kg
<b>Interior Dimensions</b>		
Headroom (f/r)	944 mm / 888 mm	
Legroom (f/r)	1065 mm / 759 mm	
Hip room (f/r)	1,349 mm / 1,149 mm	
Shoulder room (f/r)	1,384 mm / 1,314 mm	
EPA passenger volume	2,165 L	
EPA trunk volume	196 L (additional carrying space with rear seatback folded)	
<b>Fuel Efficiency</b>		
Fuel economy City/highway/combined <b>(Manufacturer estimates)</b>	6-speed manual: 9.6/6.6/8.3 L/100 KM 6-speed automatic: 8.3/5.9/7.2 L/100 KM	
Fuel tank capacity	50 L	