

2023 Subaru BRZ

Specifications

Vehicle type	2+2 sports car with aluminum hood, front fenders and roof	
Engine	FA24 4-cylinder, horizontally opposed (SUBARU BOXER), aluminum alloy cylinder block and cylinder heads	
Displacement	2,387 cc (146 cu. in.)	
Bore x Stroke	94 mm x 86 mm (3.70 x 3.39 in.)	
Compression ratio	12.5:1	
Fuel/Induction	Direct and port fuel injection with multi-spray injectors, Electronic Throttle Control system	
Horsepower	228 @ 7,000 rpm	
Torque	184 lb.-ft. @ 3,700 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	
Drivetrain	Rear-wheel drive with TORSEN® limited-slip differential	
Transmission type	Standard: 6-speed manual Optional: 6-speed automatic with Adaptive Control, manual shift mode, downshift blipping control and steering wheel paddle shift control switches	
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	2.189	2.060
3	1.541	1.405
4	1.213	1.000
5	1.000	0.713
6	0.767	0.582
R	3.438	3.168
Final drive ratio	4.100	3.909
Chassis	Unitized body construction with Ring-shaped Frame Reinforcement structure	
Center of gravity	17.95 in.	
Suspension	4-wheel independent	
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	4-wheel disc with Electric vacuum pump power assist 4-channel / 4-sensor ABS, Electronic Brake-force Distribution and Brake Assist	
Front	11.6 in. ventilated disc, dual-piston calipers	
Rear	Limited: 11.4 in. ventilated disc, single-piston calipers	
Steering	Quick-ratio rack-and-pinion with electric power assist	
Ratio	13.5:1	
Turns, lock-to-lock	2.5	
Turning circle	35.4 ft.	

Wheels	Premium: 17 in. x 7.5 in. aluminum alloy, high-luster gray finish Limited: 18 in. x 7.5 in. aluminum alloy, matte dark gray finish	
Tires	Premium: 215/45 R17 87W summer performance Limited: 215/40 R18 85Y Michelin Pilot Sport 4 summer performance All models feature tire repair kit	
Exterior Dimensions		
Wheelbase	101.4 in.	
Length	167.9 in.	
Width	69.9 in	
Height	51.6 in.	
Track (front/rear)	59.8 in./61.0 in.	
Minimum road clearance	5.1 in.	
Curb weight (lbs.)	6-speed manual	6-speed automatic
	Premium: 2,815 Limited: 2,864	Premium: 2,835 Limited: 2,881
Interior Dimensions		
Headroom (f/r)	37.0 in. / 33.5 in.	
Legroom (f/r)	41.5 in. / 29.9 in.	
Hip room (f/r)	52.4 in. / 45.2 in.	
Shoulder room (f/r)	53.6 in. / 51.7 in.	
EPA passenger volume	77.2 cu. ft.	
EPA trunk volume	6.3 cu. ft. (additional carrying space with rear seatback folded)	
Trunk liftover height	27.1 in.	
Fuel Efficiency		
Fuel economy City/highway/combined (EPA estimates)	6-speed manual: 20/27/22 MPG 6-speed automatic: 21/30/25 MPG	
Fuel tank capacity	13.2 gal	