

2013 Subaru Impreza® BRZ

Specifications

Vehicle Type	2-door, 2+2 sports car, rear-wheel drive	
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	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.	
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: 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 Sport 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	4.100	4.100
Chassis	Unitized body construction with Ring-Shaped Frame Reinforcement structure	
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	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
	Rear	11.6-in. ventilated disc, single-piston calipers
Steering	Rack-and-pinion with electric power assist	
	Ratio	13.12
	Turns, lock-to-lock	2.48
	Turning circle	35.4 ft.
Wheels	17 x 7 JJ aluminum alloy	
Tires	215/45 R17 87W summer performance	

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Exterior Dimensions		
Coefficient of drag (Cd)	.029 (est.)	
Wheelbase	101.2 in.	
Length	166.7 in.	
Width	69.9 in.	
Height	50.6 in.	
Track (front/rear)	59.8 in./60.6 in.	
Curb weight (lbs.)	6-speed manual	6-speed automatic
	Premium: 2,762 lbs. Limited: 2,776 lbs.	Premium: 2,809 lbs. Limited: 2,822 lbs.
Interior Dimensions		
Headroom (f/r)	37.1 in. / 35.0 in.	
Legroom (f/r)	41.9 in. / 29.9 in.	
Hip room (f/r)	54.5 in. / 51.7 in.	
Shoulder room (f/r)	53.1 in. / 45.3 in.	
EPA passenger volume	76.5 cu. ft.	
EPA trunk volume, 4-Door	6.9 cu. ft. (additional carrying space with rear seatback folded)	
Trunk liftover height	26.2 in.	
Fuel Efficiency		
Fuel economy City/highway/combined (Manufacturer estimates)	6-speed manual: 22/30/25 mpg 6-speed automatic: 25/34/28 mpg	
Fuel tank capacity	13.2 gal	