

2016 Subaru WRX® Specifications

Engine	4-cylinder, horizontally opposed (BOXER), turbocharged/intercooled, aluminum cylinder heads and block		
Displacement	1,998 cc		
Bore x Stroke	86 mm x 86 mm		
Compression ratio	10.6:1		
Horsepower	268@5,600 rpm		
Torque lb-ft	258@2,000-5,200 rpm		
Valvetrain	Chain driven Double Overhead Camshafts (DOHC), four valves per cylinder, Subaru Dual Active Valve Control System (AVCS) variable valve timing on intake and exhaust valves		
Fuel / Induction	Gasoline Direct Injection (GDI), Electronic Throttle Control (ETC), twin-scroll turbocharger with intercooler		
Maximum boost	15.9 PSI		
Fuel requirement	91 AKI recommended; performance will be reduced with 87 AKI		
Drivetrain			
Transmission	Standard: 6-speed manual Optional: Sport Lineartronic™ CVT features SI-DRIVE performance management with 6-speed and 8-speed manual shifting modes and steering wheel paddle shift switches		
M/T AWD system	Continuous All-Wheel Drive with viscous-coupling locking center differential and nominal 50:50 torque split; transfers more torque to wheels with best traction		
A/T AWD system	Variable Torque Distribution (VTD) with planetary gear-type center differential and an electronically controlled hydraulic transfer clutch, 45:55 nominal torque split; transfers more torque to wheels with best traction		
Transmission ratios	6-speed manual	Sport Lineartronic™ CVT	
		6 ratios (Intelligent and Sport modes)	8 ratios (Sport Sharp mode)
	1	3.454	3.505
	2	1.947	2.405
	3	1.296	1.855
	4	0.972	1.544
	5	0.780	1.258
	6	0.666	1.032
	7	--	0.856
	8	--	0.716
	R	3.636	2.345
Final drive ratio	4.11	3.90	
Stability/traction control	Vehicle Dynamics Control with all-wheel, all-speed traction control and Active Torque Vectoring		
Chassis			
Suspension	4-wheel independent; sport-tuned plus special chassis reinforcements		
Front	MacPherson-type struts; inverted struts for Premium and Limited, aluminum lower L-arms with pillow ball mounts and bushings, coil springs and stabilizer bar		
Rear	Double wishbone with subframe, pillow ball bushings for lower lateral links, coil springs and stabilizer bar		
Brakes	Power-assisted 4-wheel disc with Electronic Brake-force Distribution (EBD) and 4-channel / 4-sensor ABS, Brake Assist and Brake Override		

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Front	12.4-inch ventilated discs dual-piston calipers
Rear	11.3-inch solid discs, single-piston calipers
Steering	Rack-and-pinion with electric power assist
Ratio	Base: 14.3:1 Premium and Limited: 14.4:1
Turns, lock-to-lock	Base: 2.8 base Premium and Limited: 2.7
Turning circle	Base: 35.4 ft Premium and Limited: 36.0 ft
Wheels	WRX: 17 x 8J aluminum alloy WRX Premium and Limited: 18 x 8.5-inch aluminum alloy
Tires	WRX: 235/45 R17 WRX Premium and Limited: 245/40R18
Exterior Dimensions (in.)	
Wheelbase	104.3
Length	180.9
Width	70.7
Height	58.1
Base curb weight (lbs.)	WRX with 6-speed manual transmission: 3,269 WRX Premium with Sport Lineartronic™ CVT: 3,450 (includes All-Weather Package and power moonroof)
Interior Dimensions (in.)	
Headroom	Front: 39.8 With moonroof: 37.2 Rear: 37.1
Legroom	Front: 43.3 Rear: 35.4
Hip room	Front: 52.1 Rear: 53.1
Shoulder room	Front: 55.6 Rear: 54.2
EPA passenger volume	96.6 cu. ft. With moonroof: 93.1 cu. ft.
Trunk capacity	12.0 cu. ft.
Trunk liftover height	27.0
EPA estimated fuel economy	City/highway/combined
	6-speed manual: 20/27/23 Sport Lineartronic® CVT: 18/24/21
Fuel capacity	15.9 gal.