

2023 Subaru WRX® Specifications

Engine	DOHC 4-cylinder SUBARU BOXER high output; aluminum cylinder block and heads; turbocharged with intercooler	
Bore x Stroke	94 x 86mm (3.70 x 3.40 in.)	
Displacement	2,387cc (146 cu. in.)	
Compression ratio	10.6:1	
Valvetrain	Chain-driven camshafts, Dual Active Valve Control System (intake and exhaust valves)	
Fuel/induction	Direct Fuel Injection and Electronic Throttle Control (ETC) system; twin-scroll turbocharger and intercooler	
Max. boost pressure	26.7 psi	
Horsepower	271 hp @ 5,600 rpm	
Torque	258 lb-ft @ 2,000-5,200 rpm	
Fuel requirement	91 AKI recommended for maximum performance	
A/T oil cooler	External, air cooled (Premium, Limited and GT trims)	
Drivetrain		
Transmission	Standard: 6-speed manual, includes Incline Start Assist and SI-DRIVE performance management Standard for GT and optional for others: Lineartronic™ CVT with 8-speed manual shifting modes and steering wheel paddle shift switches; Auto Vehicle Hold and SI-DRIVE performance management	
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	Lineartronic™ CVT manual mode ratios
	1	3.455
	2	1.947
	3	1.367
	4	1.029
	5	0.825
	6	0.667
	7	--
	8	--
	R	3.636
		3.490
		2.031
		1.461
		1.116
		0.903
		0.756
		0.645
		0.571
		3.394
Front and rear differential ratio	4.111	4.444
Stability/traction control	Multi-Mode Vehicle Dynamics Control (VDC) with Track Mode; all-wheel Traction Control System (TCS) and Active Torque Vectoring	
Chassis and Body	Subaru Global Platform with full inner frame construction with aluminum hood and front fenders; Ring-Shaped Reinforcement Frame safety structure	
Suspension	4-wheel independent; sport-tuned WRX GT exclusively features Electronic Adjustable Ride Control with damper settings shown in Drive Mode Select / Center Information Display	

Front	MacPherson-type struts with internal rebound springs; aluminum lower L-arms with pillow ball mounts and bushings, coil springs and stabilizer bar	
	WRX GT: electronic dampers	
Rear	Double wishbone with subframe, pillow ball bushings for lower lateral links, coil springs and stabilizer bar	
	WRX: electronic dampers	
Brakes	Mechanical vacuum pump power assist 4-wheel disc brakes (EyeSight-equipped models have ebooster electronic controlled power assisted dual diagonal system) Electronic Brake-force Distribution (EBD) and 4-channel / 4-sensor ABS, Brake Assist and Brake Override (plus switch-activated Electronic Parking Brake and Auto Vehicle Hold with EyeSight option)	
Front	12.4-inch ventilated discs; dual-piston calipers	
Rear	11.4-inch ventilated discs; single-piston calipers (11.8-inch with EyeSight option)	
Steering	Quick-ratio dual-pinion electric power assisted rack and (EPAS)	
Ratio	13.5:1	
Turns, lock-to-lock	2.5	
Turning circle	36.74 ft.	
Wheels	WRX Base: 17 x 8-inch aluminum alloy in gray finish WRX Premium and Limited: 18 x 8.5-inch aluminum alloy in dark gray finish WRX GT: 18 x 8.5-inch aluminum alloy in matte gray finish	
Tires	WRX Base: 235/45 97W R17 summer performance WRX Premium, Limited and GT: 245/40R18 97W summer performance	
Exterior Dimensions (in.)		
Wheelbase	105.1	
Length	183.8	
Height	57.8 (including antenna)	
Width	71.9 With mirrors: 79.3 Limited and WRX GT with mirrors (integrated turn signals): 79.6	
Track (front /rear)	61.4 in. / 61.8 in.	
Road clearance	5.4 in.	
Base curb weight (lbs.)	6-speed manual transmission WRX Base: 3,297 WRX Premium: 3,324 WRX Limited: 3,397	Lineartronic CVT WRX Base: 3,431 WRX Premium: 3,462 WRX Limited: 3,535 WRX GT: 3,537
Interior Dimensions (in.)		
Headroom	Front: 39.8 With moonroof: 38.8 Rear: 36.7 (all)	
Legroom	Front: 43.1 Rear: 36.5	
Hip room	Front: 54.1 Rear: 49.3	
Shoulder room	Front: 56.7 Rear: 54.1	
EPA passenger volume	98.9 cu. ft. With moonroof: 97.5 cu. ft.	
Trunk capacity	12.5 cu. ft.	
Trunk liftover height	28.7	

EPA estimated fuel economy	City/highway/combined 6-speed manual: 19/26/22 Subaru Performance Transmission: 19/25/21
Fuel capacity	16.6 gal.