

2024 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 | 12.0 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 Premium and Limited: Lineartronic CVT Subaru Performance Transmission 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 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 transfers more torque to wheels with best traction | |
| Transmission ratios | 6-speed manual | Lineartronic CVT Subaru Performance Transmission 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 GT: electronic dampers | |
| Brakes | Mechanical vacuum pump power assist 4-wheel disc brakes; (Models with optional SPT option have e-booster 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 SPT option) TR: Brembo Performance Braking System with monoblock calipers and larger cross-drilled rotors | |
| Front | 12.4-inch ventilated discs; 2-piston calipers TR: 13.4-in. cross drilled; 6-piston monoblock calipers | |
| Rear | 11.4-inch ventilated discs; single-piston calipers (11.8-inch with SPT option) TR: 12.8-in. cross-drilled; 2-piston monoblock calipers | |
| Steering | Quick-ratio dual-pinion electric power assisted rack and pinion (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 TR: 19 x 8.5-in. aluminum alloy in satin gray finish | |
| Tires | WRX Base: 235/45 97W R17 summer performance WRX Premium, Limited and GT: 245/40R18 97W summer performance TR: 245/35R19 93Y 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: 3,329 WRX Premium: 3,358 WRX Limited: 3,428 WRX TR: 3,430 | Lineartronic CVT WRX Premium: 3,494 WRX Limited: 3,565 WRX GT: 3,569 |

| | |
|--------------------------------------|---|
| 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 Fuel Economy | |
| City/highway/combined | 19/26/22 (MT) 18/25/21 (CVT) |
| Fuel capacity | 16.6 gal. |