

## 2018 Subaru WRX® STI® Type RA

### Specifications

<b>Body</b>	4-door wide-body design, 5-passenger	
<b>Engine</b>	High output SUBARU BOXER, turbocharged/intercooled; SI-DRIVE engine performance management system	
Construction	Die-cast aluminum with integral cast iron cylinder liners, five main bearings, semi-closed deck cylinder design, aluminum alloy cylinder heads	
Cylinders	4	
Displacement	2,457 cc	
Bore x Stroke	99.6 x 79.0 mm	
Valvetrain	Belt-driven double overhead camshafts (DOHC), four valves per cylinder, Dual Active Valve Control System (DAVCS) variable valve timing (operates on intake and exhaust valves)	
Compression ratio	8.1:1	
Fuel/Induction	Aluminum alloy intake manifold, sequential multi-port fuel injection (MFI), high-flow air intake system, electronic throttle control (ETC) system, turbocharger, high-flow intercooler	
Max. boost	16.2 PSI	
Exhaust	High-flow performance	
Horsepower	310 @ 6,000 rpm	
Torque	290 lb-ft @ 4,000-5,200 rpm	
Ignition	Direct	
Fuel requirement	93 AKI minimum	
<b>All-Wheel Drive</b>	Symmetrical All-Wheel Drive with Multi-Mode Driver Control Center Differential (DCCD) featuring three performance modes and six driver-selectable differential locking settings; electronically controlled limited-slip center differential; helical limited-slip front differential and TORSEN® limited-slip rear differential, steering angle input sensor; nominal torque split is 41:59	
Stability system	Multi-mode Vehicle Dynamics Control (VDC) stability and traction control system; Active Torque Vectoring	
<b>Transmission</b>	6-speed manual; STI short-throw shifter with reverse lock-out	
Gear ratios	1	3.636
	2	2.235
	3	1.590
	4	1.137
	5	0.971
	6	0.756
	R	3.545
Final drive	3.900	
<b>Chassis</b>	Unitized body construction with ring-shaped frame reinforcement structure; high-tensile steel reinforcements at key structural and suspension-mounting locations	
Body	STI front bumper under-spoiler, carbon fiber roof panel, STI carbon fiber rear wing, rear bumper side scoops	
Suspension	4-wheel independent, high-performance Bilstein® STI sport-tuned	

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Front	Inverted struts with Bilstein dampers, forged aluminum-alloy lower A-arms with pillow ball joint mount, coil springs, stabilizer bar
Rear	Double-wishbone type with coil springs and Bilstein dampers, stabilizer bar, Rear lateral link with pillow ball joint bushing
Brakes	Brembo® performance brakes, power assisted 4-wheel disc with 4-channel, 4-sensor super-sport anti-lock brake system (ABS) with g-sensor; Electronic Brake-force Distribution (EBD), Brake Assist and Brake Override; calipers have silver finish and black STI logo
Front discs	13.4 in. ventilated and cross-drilled with 6-piston monoblock calipers
Rear discs	12.8 in. ventilated and cross-drilled with dual-piston monoblock calipers
Steering	Quick-ratio hydraulic power assisted rack-and-pinion
Ratio	13.3:1
Turns, lock-to-lock	2.5
Turning circle	36.0 ft.
Wheels	19 x 8.5J BBS® forged aluminum alloy, gold painted
Tires	245/35R19 89W summer performance
<b>Exterior Dimensions</b>	
Wheelbase	104.3 in.
Length	181.3 in.
Height	58.1 in.
Width	70.7 in.
Track (front/rear)	60.2 in. / 60.6 in.
Road clearance	4.9 in.
Curb weight	3,395 lb.
<b>Interior Dimensions</b>	
Headroom	Front: 39.8 in. Rear: 37.1 in.
Legroom	Front: 43.3 in. Rear: 35.4 in.
Hip room	Front: 52.1 in. Rear: 53.1 in.
Shoulder room	Front: 55.6 in. Rear: 54.2 in.
EPA passenger volume	96.6 cu. ft.
EPA trunk volume	12.0 cu. ft.
<b>Fuel Economy</b>	
City / highway / combined mpg	EPA estimated: 16/22/18
Fuel tank capacity	15.9 gal
<b>Pricing</b>	
MSRP	\$48,995
Destination & Delivery	\$860 (additional charge of \$150 for AK)