

2019 STI® S209

Specifications

Body	4-door wide-body design, 5-passenger; STI aerodynamic enhancements; carbon fiber roof panel	
Engine	4-cylinder SUBARU BOXER, turbocharged/intercooled; specially reinforced die-cast aluminum cylinder block with integral cast iron cylinder liners, five main bearings, and semi-closed deck cylinder block design	
Displacement	2,457cc	
Bore x Stroke	99.6mm x 79.0mm	
Heads/Valvetrain	Aluminum alloy cylinder heads with belt-driven double overhead camshafts (DOHC), four valves per cylinder, Subaru Dual Active Valve Control System (DAVCS) variable valve timing (operates on intake and exhaust valves); higher-rate exhaust valve springs; sodium-filled exhaust valves; SI-DRIVE Engine Performance Management system	
Compression ratio	8.2:1	
Fuel/Induction	Aluminum alloy intake manifold, sequential multi-port fuel injection (MFI) with higher-flow fuel pump and injectors; electronic throttle control (ETC) system, high-flow air intake system, HKS® high-boost turbocharger, high-flow intercooler with water spray system	
Max. boost	18.9 psi	
Horsepower	341 @ 6,400 rpm	
Torque	330 lb-ft @ 3,600 rpm	
Ignition	Direct	
Fuel requirement	91 AKI minimum; 93 AKI recommended for maximum performance	
All-Wheel Drive	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, and steering angle input sensor. Nominal torque split is 41:59 and varies depending on conditions.	
Stability system	Multi-mode Vehicle Dynamics Control (VDC) stability and traction control system with yaw-rate sensor; Active Torque Vectoring	
Transmission	6-speed manual	
Gear ratios	1	3.636
	2	2.235
	3	1.591
	4	1.138
	5	0.971
	6	0.756
	R	3.545
Final drive	3.900	
Chassis	Unitized body construction with Ring-shaped Frame Reinforcement structure; high-tensile steel reinforcements at key structural and suspension-mounting locations	
Suspension	4-wheel independent, high-performance STI sport-tuned with inverted front	

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	Bilstein® dampers and lowering springs; STI crossmember support components; STI flexible strut tower bar joined with pillow ball joints in the center; STI flexible draw stiffeners apply moderate tension between the body and crossmember to help prevent chassis flexing
Front	Inverted struts with forged aluminum-alloy lower A-arms with pillow ball joint mount, coil springs, 24mm stabilizer bar
Rear	Double-wishbone type with coil springs and damper units, stiffener bar, 20mm stabilizer bar
Brakes	Brembo® Performance Brake System, 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
Front disc	13.4 in. ventilated and cross-drilled with 6-piston monoblock calipers
Rear disc	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	2.30
Turning circle	40.0 ft.
Wheels	BBS® 19 x 9.0 forged alloy
Tires	265/35R19 Dunlop® SP Sport Maxx® GT600A summer-only tires
Exterior Dimensions	
Wheelbase	104.3 in.
Length	181.9 in.
Height	58.1 in.
Width	72.4 in.
Track (front/rear)	60.8 in. / 61.2 in.
Road clearance	4.9 in.
Curb weight	3,485 lb.
Interior Dimensions	
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	11.8 cu. ft.
Fuel Economy	
City / highway / combined mpg	15/21/17 mpg
Fuel tank capacity	15.9 gal