

2020 Subaru Crosstrek®

Specifications

Vehicle type	5-door, 5-passenger sport utility vehicle	
Engine	4-cyl. horizontally opposed (Boxer), aluminum cylinder block and heads	
Displacement	1,995 cc / 122 cu. in.	
Bore x Stroke	3.31 in. x 3.54 in.	
Compression ratio	12.5:1	
Horsepower	152 @ 6,000 rpm	
Torque	145 lb.-ft. @ 4,000 rpm	
Fuel system	Direct fuel injection, electronic throttle control	
Valvetrain	Double overhead chain-driven camshafts (DOHC), 4 valves per cylinder, Dual Active Valve Control System (DAVCS) controls valve timing on intake camshafts; tumble generator valves	
Ignition	Direct	
Powertrain management	Models equipped with Lineartronic® CVT (continuously variable transmission) include Auto Stop-Start system fuel-saving technology and Subaru SI-DRIVE driver-selectable powertrain management system with Intelligent and Sport modes and steering wheel control switches.	
Transmission		
Standard	6-speed manual with Incline Start Assist	
Optional	Lineartronic® CVT (continuously variable transmission). (Standard for Limited.) Includes X-MODE and Hill Descent Control; base model features Low Shift Mode; Premium and Limited feature driver-selectable 8-speed manual shift mode and steering wheel paddle shift control switches	
Transmission ratios	6-speed manual	CVT shift ratios (for manual control mode)
1	3.818	4.066
2	1.947	2.600
3	1.296	1.827
4	1.029	1.377
5	0.825	1.061
6	0.738	0.836
7	--	0.557
8	--	0.559
Rev.	4.072	4.379
Final drive	4.444	3.900
Symmetrical All-Wheel Drive	Standard on all models	
M/T AWD system	Continuous All-Wheel Drive with viscous-coupling locking center differential	
CVT AWD system	Active Torque Split All-Wheel Drive with electronically managed continuously variable hydraulic transfer clutch	
Stability/traction control	Vehicle Dynamics Control with all-wheel, all-speed traction control (TCS) and rollover sensor	
Chassis	Unitized body construction, Ring-shaped Reinforcement Frame safety structure	
Suspension	4-wheel independent, raised with Stabllex dampers	
Front	MacPherson-type struts, lower L-arms, coil springs, stabilizer bar	

	Hydraulic engine mounts on CVT models	
Rear	Double wishbone, coil springs, stabilizer bar	
Brakes	Power-assisted 4-wheel disc with Electronic Brake-force Distribution (EBD) and 4-channel / 4-sensor ABS with Brake Assist and Brake Override safety systems and Active Torque Vectoring 11.6-in. ventilated front discs and 10.8-in. solid rear discs	
Steering	Rack-and-pinion with electric power assist Ratio: 13:1 Turns, lock-to-lock: 2.6 Turning circle: 35.4 ft.	
Wheels	17 x 7-in aluminum alloy Limited: 18 x 7-in aluminum alloy	
Tires	225/60R17 98H all-season Limited: 225/55R18 98H all-season	
Exterior Dimensions		
Wheelbase	104.9 in.	
Length	175.8 in.	
Width	71.0 in. (79.0 in. including mirrors)	
Height	63.6 in. with roof rails	
Min. road clearance	8.7 in.	
Angle of approach	18.0 deg.	
Angle of departure	29.0 deg.	
Ramp breakover angle	19.7 deg.	
Track (front/rear)	61.0/61.2 in.	
Curb weight (lbs.)	Base w/ 6-speed manual: 3,117 Base w/CVT: 3,188 Premium w/6-sp.: 3,146 Premium w/ CVT: 3,223 Limited w/CVT: 3,263	
Interior Dimensions		
Headroom (f/r)	39.8/38.0 in. with moonroof: 37.6 /37.8 in.	
Legroom (f/r)	43.1/36.5 in.	
Hip room (f/r)	55.1/55.2 in.	
Shoulder room (f/r)	56.7/55.6 in.	
EPA interior volume	100.9 cu. ft. with moonroof: 97.5 cu. ft.	
Cargo liftover height	30.9 in.	
Cargo volume	Rear seats up/down: 20.8 cu. ft./55.3 cu. ft.	
Max. load floor length	Rear seats up/down: 32.3/64.2 in.	
Fuel economy	6-speed manual	CVT
EPA-estimated city/highway/combined mpg	22/29/25	27/33/30
Fuel tank capacity	16.6 gal.	