

2021 Subaru Crosstrek Specifications

Vehicle type	5-door, 5-passenger sport-utility vehicle		
Engine	Base and Premium		Sport and Limited
Displacement	1,995 cc / 122 cu. in.		2,498cc / 152.0 cu. in.
Bore x Stroke	3.31 in. x 3.54 in. (84.0mm x 90.0 mm)		3.70 in. x 3.54 in. (94.0mm x 90.0mm)
Compression ratio	12.5:1		12.0:1
Horsepower	152 @ 6,000 rpm		182 @ 5,800 rpm
Torque	145 lb.-ft. @ 4,000 rpm		176 lb.-ft. @ 4,400 rpm
Fuel system	Direct fuel injection, electronic throttle control		
Fuel requirement	Regular / 87 AKI		
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 for Base and Premium	6-speed manual with Incline Start Assist		
Standard for Sport and Limited; optional for Base and Premium	Lineartronic® CVT (continuously variable transmission) with Incline Start Assist <ul style="list-style-type: none"> • Premium, Sport and Limited feature driver-selectable 8-speed manual shift mode and steering wheel paddle shift control switches • Base trim has Low Shift Mode • Premium and Limited have X-MODE and Hill Descent Control • Sport has Dual-mode X-Mode with SNOW/DIRT and DEEP SNOW/MODE selectable settings 		
Transmission ratios	6-speed manual	2.0-liter engine CVT ratios (manual control mode)	2.5-liter engine CVT ratios (manual control mode)
1	3.818	4.066	4.066
2	1.947	2.600	2.628
3	1.296	1.827	1.911
4	1.029	1.377	1.490
5	0.825	1.061	1.166
6	0.738	0.836	0.914
7		0.668	0.717
8		0.559	0.559
R	4.073	4.379	4.379
Final drive	4.444	3.900	3.700
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 controlled 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 Stablex 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	Base, Premium and Sport: 17 x 7-in aluminum alloy Limited: 18 x 7-in aluminum alloy		
Tires	Base, Premium and Sport: 225/60R17 98H all-season Limited: 225/55R18 98H all-season		
Exterior Dimensions			
Wheelbase	104.9 in.		
Length	176.5 in.		
Width	71.0 in. including mirrors: 79.0 in. on Prem; 79.5 in. on Sport and Limited		
Height	63.6 in. with roof rails		
Min. road clearance	8.7 in.		
Angle of approach	18.0 deg.		
Angle of departure	28.6 deg.		
Ramp breakover angle	19.7 deg.		
Track (front/rear)	61.0/61.2 in.		
Curb weight (lb.)	Base w/ 6-speed manual: 3,117 Base w/CVT: 3,188 Premium w/6-speed manual: 3,146 Premium w/ CVT: 3,223 Sport (CVT only): 3,265 Limited (CVT only): 3,298		
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	2.0-liter with CVT	2.5-liter with CVT
EPA-estimated city/highway/combined mpg	22/29/25	28/33/30	27/34/29
Fuel tank capacity	16.6 gal. (all)		