

2013 Subaru XV Crosstrek

Specifications

Vehicle type	5-door, 5-passenger crossover	
Engine	4-cyl. horizontally opposed (Boxer), alloy cylinder block and cylinder heads	
Displacement	1,995 cc / 122 cu. in.	
Bore x stroke	3.31 in. x 3.54 in.	
Compression ratio	10.5:1	
Horsepower	148 @ 6,200 rpm	
Torque	145 lb.-ft. @ 4,200 rpm	
Fuel system	Sequential multi-port 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 type with platinum-tipped sparkplugs	
Transmission		
Standard	5-speed manual with incline start assist	
Optional	Lineartronic [®] CVT (continuously variable transmission). (Standard for Limited.) Features driver-selectable 6-speed manual shift mode and steering wheel shift paddles; incline start assist	
Transmission ratios	5-speed manual	CVT paddle shift ratios (for manual control mode)
1	3.545	3.581
2	1.888	2.262
3	1.296	1.658
4	0.972	1.208
5	0.780	0.885
6	--	0.618
Rev.	3.333	3.667
Final drive	4.444	3.70
Symmetrical All-Wheel Drive	Standard 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 Frame Reinforcement safety structure	
Suspension	4-wheel independent, raised	
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 11.6-in. ventilated front discs and 10.8-in. solid rear discs	
Steering	Rack-and-pinion with electric power assist Turns, lock-to-lock: 3.2	

	Turning circle: 34.8 ft.	
Wheels	17 x 7 aluminum alloy	
Tires	225/55R17 95H all-season	
Exterior Dimensions		
Wheelbase	103.7 in.	
Length	175.2 in.	
Width	70.1 in. (78.2 in. inc. mirrors)	
Height	63.6 in. with roof rails	
Ground clearance	8.7 in.	
Angle of approach	18.0 deg.	
Angle of departure	27.7 deg.	
Ramp breakover angle	21.1 deg.	
Track (front/rear)	60.0/60.0 in.	
Curb weight (lbs.)	2.0i Premium	2.0i Limited
	5-speed manual: 3,087 Lineartronic CVT: 3,142 With all options: 3,175	3,164 (CVT only) With all options: 3,197
Interior Dimensions		
Headroom (f/r)	39.8/37.7 in. With moonroof: 37.2/37.7 in.	
Legroom (f/r)	43.5/35.4 in.	
Hip room (f/r)	52.2/53.1 in.	
Shoulder room (f/r)	55.6/54.2 in.	
EPA interior volume	97.5 cu. ft. (with moonroof: 94.0)	
Trunk liftover height	27.8 in.	
Cargo volume	Rear seats up/down: 22.3 cu. ft./51.9 cu. ft.	
Max. load floor length	Rear seats up/down: 32.0/64.2 in.	
Fuel economy	5-speed manual	CVT
Projected city/highway/combined mpg	23/30/26	25/33/28
Fuel tank capacity	15.9 gal.	