2022 Subaru Crosstrek® Hybrid

Specifications

Vehicle type	5-door, 5-passenger sport utility vehicle
Powertrain	Series-parallel plug-in hybrid system combining gasoline
1 Owertrain	engine and two electric motor generators
Internal Combustion	4-cyl. horizontally opposed (Boxer) gasoline engine with
Engine	aluminum cylinder block and heads
Displacement	1,995 cc / 122 cu. in.
Bore x Stroke	3.31 in. x 3.54 in.
Compression ratio	13.5:1
Horsepower	137 @ 5,600 rpm
Torque	134 lbft. @ 4,400 rpm
Fuel system	Direct fuel injection, electronic throttle control
Valvetrain	Double overhead chain-driven camshafts (DOHC), 4 valves per
vaivetiaiii	cylinder, Dual Active Valve Control System (DAVCS) controls
	valve timing on intake camshafts, tumble generator valves
Ignition	Direct
Hybrid battery	Lithium-ion: 8.8 kWh, 25.0 Ah; 351.5V
Charge time	@ 120V ~ 5 hours
Charge and	@ 240V ~ 2 hours
Drive motor inverter	650V output
AC charge port	Type 1 (SAE J1772)
PHEV Transmission	Lineartronic® CVT (continuously variable transmission)
THE VITALISHINGSION	integrating two motor generators; includes X-MODE and Hill
	Descent Control; "B" range for engine braking slope control; air-
	cooled transmission oil cooler; SI-DRIVE performance
	management
Motor Generators	MG1 operates as power generator to charge and maintain the
Wiotor Scholators	high-voltage hybrid battery. MG1 is also the starter motor and
	generator for the gasoline engine.
	generater for the gassime original
	MG2 supplies electrical drivetrain power output for the hybrid
	and electric vehicle (EV) driving modes. Also provides charging
	for the high-voltage hybrid battery during regenerative braking.
	ion and mg voltage rijama aanorij aannig rogeneraane araning.
	MG2 output: 118.0 HP / 148.9 lb-ft of torque, 0-1,500 rpm.
Total system output	148 HP*
Final drive ratio	3.700:1
Symmetrical All-Wheel	Active All-Wheel Drive using an electronic coupling multi-plate
Drive	transfer clutch.
Stability/traction control	Vehicle Dynamics Control with all-wheel, all-speed traction
	control (TCS) and rollover sensor
Chassis	Subaru Global Platform; unitized body construction
Suspension	4-wheel independent, raised and with Stablex dampers; tuned
	specifically for this model
Front	MacPherson-type struts, lower L-arms, coil springs, stabilizer
	bar; hydraulic engine mounts
Rear	Double wishbone, coil springs, stabilizer bar
Brakes	Electronically controlled power-assisted dual-diagonal brake
	system optimizes braking force between hybrid regenerative
	braking and the mechanical brakes.
	4-wheel disc brakes with Electronic Brake-force Distribution
	(EBD) and 4-channel / 4-sensor ABS with Brake Assist and
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Active Torque Vectoring 11.6-in. ventilated front discs and 11.2-in. ventilated rear discs Rack-and-pinion with electric power assist Ratio: 13.5:1 Turns, lock-to-lock: 2.6 Turning circle: 35.4 ft. Wheels 18 x 7-in aluminum alloy Tires 225/55R18 98H all-season, low-rolling resistance Exterior Dimensions Wheelbase 104.9 in. Length 176.5 in. Width 71.0 in. (79.6 in. including mirrors) Height 62.8 in. with roof rails Min. road clearance 8.7 in. Angle of approach 17.1 deg. Angle of departure 28.6 deg. Ramp breakover angle Track (front/rear) Curb weight 3,717 lbs. Towing capacity 1,000 lbs. (class 1); 100-lb. tongue capacity Interior Dimensions Headroom (f/r) 43.1/36.7 in. Hip room (f/r) S5.1/54.0 in. Shoulder room (f/r) EPA passenger volume Cargo liftover height Cargo volume Rear seatbacks up/down: 28.9 in./63.1 in. Fuel economy EV range EPA-estimated Combined MPG / MPGe Total range 480 miles		
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	Fuel tank capacity	13.2 gal.

^{*}Estimated combined HP by manufacturer