

## 2023 Subaru Crosstrek® Hybrid

### Specifications

|                                   |   |
|-----------------------------------|---|
| <b>Vehicle type</b>               | 5-door, 5-passenger sport utility vehicle   |
| <b>Powertrain</b>                 | Series-parallel plug-in hybrid system combining gasoline engine and two electric motor generators   |
| <b>Internal Combustion Engine</b> | 4-cyl. horizontally opposed (Boxer) gasoline engine with aluminum cylinder block and cylinder 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 lb.-ft. @ 4,400 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  |
| <b>Hybrid battery</b>             | Lithium-ion: 8.8 kWh, 25.0 Ah; 351.5V   |
| Charge time                       | @ 120V ~ 5 hours<br>@ 240V ~ 2 hours  |
| Drive motor inverter              | 650V output   |
| AC charge port                    | Type 1 (SAE J1772)  |
| <b>PHEV Transmission</b>          | Lineartronic® CVT (continuously variable transmission) 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 high-voltage hybrid battery. MG1 is also the starter motor and generator for the gasoline engine.<br><br>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.<br><br>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 Drive       | Active All-Wheel Drive using an electronic coupling multi-plate transfer clutch.  |
| Stability/traction control        | Vehicle Dynamics Control with all-wheel, all-speed traction control (TCS) and rollover sensor   |
| <b>Chassis</b>                    | 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.<br>4-wheel disc brakes with Electronic Brake-force Distribution (EBD) and 4-channel / 4-sensor ABS with Brake Assist and   |

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|                                   | Brake Override safety systems<br>Active Torque Vectoring<br>11.6-in. ventilated front discs and 11.2-in. ventilated rear discs |
| Steering                          | Rack-and-pinion with electric power assist<br>Ratio: 13.5:1<br>Turns, lock-to-lock: 2.6<br>Turning circle: 35.4 ft.            |
| Wheels                            | 18 x 7-in aluminum alloy   |
| Tires                             | 225/55R18 98H all-season, low-rolling resistance   |
| <b>Exterior Dimensions</b>        |  |
| 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              | 19.3 deg.  |
| Track (front/rear)                | 61.0/61.2 in.  |
| Curb weight                       | 3,717 lbs.   |
| Towing capacity                   | 1,000 lbs. (class 1); 100-lb. tongue capacity  |
| <b>Interior Dimensions</b>        |  |
| Headroom (f/r)                    | 39.8/37.6 in. With moonroof: 37.6/37.4 in.   |
| Legroom (f/r)                     | 43.1/36.7 in.  |
| Hip room (f/r)                    | 55.1/54.0 in.  |
| Shoulder room (f/r)               | 56.7/55.6 in.  |
| EPA passenger volume              | 100.7 cu. ft. With moonroof: 97.4 cu. ft.  |
| Cargo liftover height             | 30.7 in.   |
| Cargo volume                      | Rear seatbacks up/down: 15.9 cu. ft./43.1 cu. ft.  |
| Max. load floor length            | Rear seatbacks up/down: 28.9 in./63.1 in.  |
| <b>Fuel economy</b>               |  |
| EV range                          | 17 miles   |
| EPA-estimated combined MPG / MPGe | 35 MPG / 90 MPGe   |
| Total range                       | 480 miles  |
| Fuel tank capacity                | 13.2 gal.  |

\*Estimated combined HP by manufacturer