

Subaru Introduces its First Plug-In Hybrid Vehicle, the Crosstrek Hybrid, in the U.S.

- First-ever Subaru plug-in hybrid vehicle
- The Hybrid features the new Subaru StarDrive Technology that uniquely integrates electric motors, a 2.0-liter direct-injection SUBARU BOXER engine, Subaru Symmetrical All-Wheel Drive, and a new Lineartronic (Continuously Variable Transmission).
- EyeSight Driver Assist Technology standard
- To debut at 2018 Los Angeles Auto Show

Tokyo, November 20, 2018 – Subaru Corporation has introduced its first-ever plug-in hybrid vehicle, the Subaru Crosstrek Hybrid, in the U.S.

With the automotive and aerospace businesses as the pillars of operations, Subaru defines “the earth, the sky and nature” as its field of business, and therefore, preservation of the ecosystem of the environment is of importance at Subaru to act as a business organization. In terms of the products, Subaru aims to “develop and deliver products to meet societal needs and contribute to the environment through advanced technologies” in the environmental policy. Offering real all-wheel capability in a hybrid package, the Subaru Crosstrek Hybrid is a highly anticipated SUV that embodies the company’s environmental vision.

The brand’s first-ever plug-in hybrid vehicle, the Subaru Crosstrek Hybrid, provides the enhanced environmental performance to meet the social needs while keeping all the capability and versatility of the standard Crosstrek. With a combination of superior driving dynamics and improved environmental performance, the Crosstrek Hybrid offers a new “Enjoyment and Peace of Mind” driving experience that conventional gas-powered models cannot match.

Subaru Crosstrek Hybrid will go on sale at U.S. Subaru retailers by the end of this year.



Subaru Crosstrek Hybrid



Charging Port

Main Features of Subaru Crosstrek Hybrid

- New “Enjoyment and Peace of Mind” driving experience unique to Plug-In Hybrid models
 - The Hybrid features the new Subaru StarDrive Technology that uniquely integrates electric motors, a 2.0-liter direct-injection SUBARU BOXER engine, Subaru Symmetrical All-Wheel Drive, and a new Lineartronic (Continuously Variable Transmission)
 - EV range of 17 miles covers a variety of trips
 - Up to 90 MPGe with a total range of 480 miles
 - Smooth, responsive and strong acceleration when using both gas and electric power
 - Superb rough road driving capability thanks to the quick response of electric motor
 - Charging from an ordinary household power outlet is also available, besides a specific charger, for user convenience
 - The high-voltage cables that connect components like the power control unit that controls the high voltage battery and energy flows, and the motor/generator have been designed with numerous forms of protection including shielding and covers for safety
 - Towing capacity of up to around 1000 lbs for various objects

- Exclusive design emphasizing its sophistication and superb functionality
 - Newly designed shapes and features added to key points around the exterior emphasize the rugged, solid look of the body and colors and textures provide a more advanced, premium feel
 - Lagoon Blue Pearl is available as the exclusive exterior color for Crosstrek Hybrid
 - The entire interior has been color-coordinated with a blue tone to give the cabin an advanced, exclusive atmosphere
 - Exclusive combination meter features a sophisticated, sporty look with its blue color theme

- Features and functions making a day-to-day life with the vehicle even more comfortable
 - Display contents specific for the Plug-In Hybrid model and the telematics system enhanced by exclusive features provide added convenience and comfort
 - The Remote Battery Charging Timer function allows to change charge setting remotely from smartphone app
 - The Remote Climate Control function allows to control the vehicle's air conditioning system remotely, before getting onto it, using a smartphone app or the key

- Retains the characteristics of the standard Crosstrek
 - Superb dynamic quality achieved with the rigid body structure of Subaru Global Platform
 - An electronically controlled brake system that consists of regenerative brakes and mechanical brakes has been adopted
 - Versatile packaging achieved by minimizing the impact of added plug-in hybrid exclusive components

- Overall safety for fun driving with peace of mind
 - The same superior safety as gasoline models based on SUBARU's distinct comprehensive safety philosophy, encompassing technology aimed at ensuring safe driving everywhere, and not only in the unlikely event of an accident .
 - Superior hazard avoidance capability making driver unaware of the impact of the increased weight or other aspects as a Plug-In Hybrid model
 - Collision safety performance is based on the safe framework of the Subaru Global Platform, and features a strengthened chassis platform to support the increased weight of the Plug-In Hybrid system, as well as protection for the High voltage battery to ensure Crosstrek's class leading safety even in the Plug-In Hybrid model

Specification of 2019 Subaru Crosstrek Hybrid

Exterior Dimensions <Length×Width×Height>	175.8 × 71.0 × 62.8 in.
Wheelbase	104.9 in.
Min. road clearance	8.7 in.
Internal Combustion Engine	
Type	FB20 4-cyl. horizontally opposed direct injection BOXER engine DOHC, 16 valves, Dual AVCS
Displacement	1995 cc
Bore x Stroke	3.31 in. × 3.54 in.
Horsepower	137 hp / 5600 rpm
Torque	134 lb-ft / 4400 rpm
Fuel tank capacity	13.2 gal
Fuel type	87 AKI
Transmission	Lineartronic(CVT) integrating two motor generators
Motor Generator for electrical drivetrain power output and regenerative braking/charging	
Horsepower	118hp
Torque	149lb-ft
Hybrid Battery	
Type	Lithium-ion
Battery capacity	8.8 kWh
Rated Capacity	25.0 Ah
Voltage	351.5 V
Drive system	Symmetrical All-Wheel Drive
Tire Size	225/55 R18
Passenger Capacity	5-passenger