

World Premiere of All-New Subaru Levorg Prototype at Tokyo Motor Show 2019

Tokyo, October 23, 2019 – Subaru Corporation today unveiled the all-new Subaru Levorg Prototype at the 46th Tokyo Motor Show 2019.

The all-new Levorg is a performance wagon taking full advantage of Subaru's latest technologies. With this vehicle, Subaru envisions to create "a future that everyone can enjoy driving at their fullest, at their will" in an era where autonomous driving technology is widely spreading.

For all its customers who put faith in the brand, Subaru is developing the all-new Levorg with the aims of "realizing a future where everyone can truly enjoy driving in a car that enriches the life of the customer."

Based on Subaru's "Grand Touring philosophy," which is pursued among engineers to develop a car that allows the driver and passengers to "go further with more comfort, safety and enjoyment that makes them feel like time is flying," the all-new Levorg features various cutting edge technologies and has been developed as a symbolic model of the new generation of Subaru.

The exterior design of the all-new Levorg has applied the new design concept "BOLDER," which highlights the value and character of each Subaru model with bolder expression. With the new concept, the exterior design of the all-new Levorg aims to express "the enjoyment to control the vehicle at will" as well as the "passion that inspires people to try something that has never been tried before."

In the aspect of technology, the all-new Levorg is equipped with the new-generation EyeSight, which consists of a newly-developed stereo camera with wider viewing angle and four radars to offer truly enjoyable driving experiences with peace of mind, in any condition. Additionally, the latest advanced driving assist system using high-definition map and vehicle locator supports highway driving, while connected services provide a sense of security, even in case of emergency.

In order to provide a truly pleasing driving experience for all drivers and passengers, the all-new Levorg employs the Subaru Global Platform with full inner frame construction as well as the newly-developed 1.8L horizontally-opposed direct-injection turbo engine, which balances acceleration and environmental performance at a high level.

The production version of the all-new Levorg is scheduled to go on sale in the Japan market in the second half of calendar year 2020.

Main features of the all-new Levorg Prototype

■ Exterior Design

Based on the Subaru's common design philosophy "Dynamic x Solid," the all-new Levorg applied the new design concept "BOLDER" that highlights the value and character of each Subaru model. Its design aims to express "the enjoyment to control the vehicle at will" and "passion inspires to challenge something that one has never tried before".

■ Technologies that bring peace of mind in any driving condition

Next-generation EyeSight (Newly Developed)

With renewed stereo camera scanning wider viewing angle in combination with four radars located in front and rear bumpers, the next-generation EyeSight senses 360-degree around the vehicle and has expanded range of pre-collision braking operation to cover crossing and turning at an intersection of low visibility.

High-Definition map and vehicle locator (Newly Developed)

The locator precisely detects the vehicle position by utilizing information from GPS and Michibiki (Quasi-Zenith Satellite System). In combination with high-definition map data, the vehicle recognizes the shape of highway ahead, reduces speed before going into a curve and assists hands-free driving in traffic congestion.

Connected services (First time in Subaru for Japan market)

As "Connected Safety," the Advanced Automatic Collision Notification system automatically sends an alert to an operator who immediately contacts the fire department and police department to request for a rescue and also coordinates with cooperating hospital for prompt lifesaving, when it detects a big impact from a collision. The vehicle also gets connected to an operator by a push of the button in case of emergency such as driver's medical problems.

■ Technologies that enable truly pleasing driving experience for all drivers

1.8L horizontally-opposed direct-injection turbo engine (Newly Developed)

The new Boxer turbo engine with lean-burn technology balances acceleration and environmental performance at a high level. It also brings superior dynamic quality with its strong torque.

Subaru Global Platform & full inner frame construction

Subaru Global Platform has evolved in combination with full inner frame construction that enhances body rigidity further. With superior controllability and dynamic quality, the vehicle offers pleasing driving experience for all drivers and passengers.



All-New Levorg Prototype