

# XV CROSSTREK HYBRID 2014



**SUBARU**

*Confidence in Motion*



Explore more, use less

# WHEREVER

The Subaru XV Crosstrek Hybrid is all about going places and using fewer resources along the way. This all-new crossover delivers the perfect blend of environmental sensitivity, All-Wheel Drive (AWD) capability, long-distance efficiency and sheer driving pleasure.

The XV Crosstrek Hybrid pushes the envelope with unparalleled smoothness and sparkling fuel economy compared to other AWD crossovers.



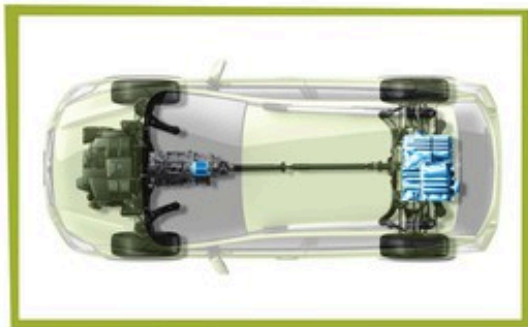


## Bold new vehicle, classic Subaru qualities

# WHENEVER

Although the Subaru XV Crosstrek Hybrid is an all-new vehicle, it possesses the same qualities that have made Subaru vehicles more popular with each passing year. Greater focus on improving fuel efficiency and reducing emissions has not meant losing focus on class-leading driving dynamics, advanced safety systems and go-anywhere capability.

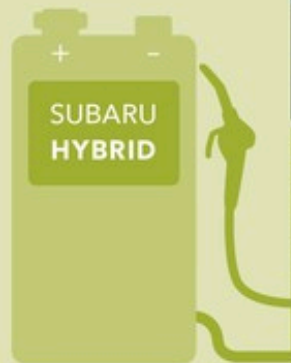
The Subaru hybrid drivetrain generates incredible smoothness, fuel efficiency and responsiveness. Subaru symmetrical full-time AWD delivers superior control under all circumstances. And the wide range of safety systems, including the Ring-Shaped Reinforcement Frame, Vehicle Dynamics Control (VDC) and rollover sensor, inspire unsurpassed confidence at all times.



### In balance, out of the ordinary

Adding an electric motor and a battery pack to the Subaru XV Crosstrek has meant extra time at the drawing board for the engineers. The goal was to maintain the same weight distribution and the same low centre of gravity, while also fine-tuning the suspension system. The result: The Subaru hybrid drivetrain and Subaru symmetrical full-time AWD combine to create a surprisingly nimble, stable and spirited driving experience, regardless of road conditions.

### How it works wonders



**Start**  
Pressing the push-button start fires up the SUBARU BOXER engine and prepares the Hybrid System for optimal performance right from the get-go.



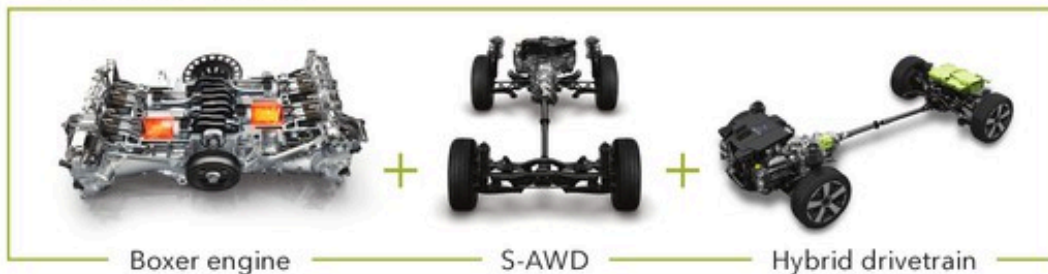
**Motor assist**  
The electric motor and the SUBARU BOXER engine work in perfect harmony when accelerating and cruising at speeds under 42 km/h to provide the driving force; together, they produce a quicker and more fuel-efficient response than a similar displacement engine alone.



**Automatic stop/start system**  
This fuel-saving technology sees the gas engine stop when it's at rest with the brake pedal applied. The engine starts again when the brakes are released.



## Subaru Hybrid Drive



Boxer engine

S-AWD

Hybrid drivetrain

◀ This potent combination packs enough power to be highly entertaining around town or out on the open road—it's also quieter, quicker and more fuel-efficient than the average AWD compact crossover.

City: 6.9L / 100km  
Highway: 6.0L / 100km  
Combined: 6.5L / 100km

The Subaru XV Crosstrek Hybrid is equipped with the brand new Subaru hybrid drivetrain – a 148-hp 2.0L 4-cylinder SUBARU BOXER engine linked to a 13.5-horsepower electric motor and a Lineartronic® Continuously Variable Transmission (CVT).



### Engine driving below 80 km/h

After sustained acceleration or long periods of urban driving, the SUBARU BOXER engine provides all the driving force and recharges the battery at the same time.



### Engine driving above 80 km/h

When the battery pack is fully charged or when driving at speeds of over 80 km/h the SUBARU BOXER engine provides all the driving force and produces impressive power while burning fuel most efficiently.



### Regeneration

When coasting or decelerating, the kinetic energy regeneration system recaptures energy from the turning wheels to recharge the battery pack, extending the EV driving range.



### EV mode

Under gentle acceleration and while driving at less than 42 km/h, the electric motor draws power from the battery pack to provide all the driving force. This mode works well in urban environments and when driving slowly in parking lots, the times when gasoline-powered vehicles are particularly inefficient.



### Stopping hybrid system

### Park

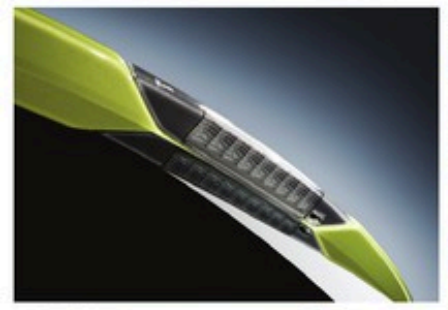
Once you've reached your destination, your vehicle operates like any other. Simply put your vehicle in park and press the push-button start to turn the engine off.

Ingenious design, outstanding result

# WHATEVER

The Subaru XV Crosstrek Hybrid is tailor-made for those who avoid compromise. If you're a weekend warrior, this capable crossover is ready for battle with 220 mm of ground clearance, plus standard integrated roof rails with available crossbars. Inside, the Crosstrek Hybrid is a model of smart design. Even with the electric motor and battery pack added, there's plenty of cargo space that expands with the help of 60/40-split flat-folding rear seats. In terms of convenience, the Crosstrek Hybrid crosses all the T's with automatic climate control, heated seats, a power moonroof and steering wheel-mounted controls to operate many vehicle functions.





Subaru vehicles are uniquely designed to get out there more—and to leave it out there less. We build our vehicles for maximum longevity because more time spent on the road equals less time spent in junkyards and landfills. Fully 96.2% of our vehicles sold in Canada over the last 10 years are still on the road today.<sup>1</sup> You'll also find very little waste created in the production of a Subaru—many of our vehicles are built in the Subaru of Indiana Automotive, Inc., (SIA) factory, which was the first manufacturing facility in the U.S. to achieve zero-landfill status. Other Subaru facilities around the world now achieve similar goals in helping to preserve the environment. Respect for our environment is yet another way that Subaru vehicles help to build driver confidence for the road ahead.

<sup>1</sup> Based on R. L. Polk Canada, Inc. Canadian Vehicle In Operation data as of June 30, 2013, for model years 2004-2014. Actual longevity of any car will vary based upon operating conditions.



[www.subaru.ca](http://www.subaru.ca)

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