

AUTOMOTIVE

Rolls-Royce completes Spectre winter testing near Arctic Circle

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The Rolls-Royce Spectre underwent winter testing in Arjeplog, Sweden. Image courtesy of Rolls-Royce Motor Cars

By LUXURY DAILY NEWS SERVICE

British automaker Rolls-Royce continues to prepare for the unveiling of its upcoming electric vehicle, having completed winter testing for the Spectre near the Arctic Circle.

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As announced in September 2021, the Spectre will cover 2.5 million kilometers, or about 1.55 million miles, as part of its global testing. The end of winter testing means that a quarter of the testing program is complete.

"The extraordinary undertaking of educating Spectre to think and behave like a Rolls-Royce will cover 2.5 million kilometers, which is a simulation of more than 400 years of use for a Rolls-Royce," said Torsten Müller-Ötvös, CEO at [Rolls-Royce Motor Cars](#), in a statement.

"Today, I can confirm that 25 percent of this journey is now complete, and the results have met our most ambitious expectations."

Winter testing

Testing was completed at marque's bespoke facility in Arjeplog, Sweden, which is 55 kilometers, or about 34 miles, from the Arctic Circle. Temperatures there can drop to -14.6 degrees Fahrenheit, subjecting the vehicle to an extreme environment.

The Spectre is also tested on low traction surfaces including snow and ice.

Rolls-Royce released a video following the testing in Sweden

"Refining the all-electric drivetrain that underpins Spectre challenges the very definition of engineering," said Mihiar Ayoubi, director of engineering at Rolls-Royce, in a statement. "The departure from internal combustion engines allows us to significantly increase the processing power of our individual components and create a Decentralized Intelligence.

"We refer to this unprecedented era, where we benefit from a multi-control, multi-channel and highly interconnected electronic and electric powertrain architecture, as Rolls-Royce 3.0," he said. "Here in Arjeplog, we have built a

significant foundation on which we will create a true Rolls-Royce.

"This is a big step forward for our brand, but also for electrification even though Spectre is in its infancy, I can confirm that the technology is able to contain the Rolls-Royce experience."

The battery electric vehicle is expected to come to market during the fourth quarter of 2023. Rolls-Royce also plans to have a fully electric model lineup by 2030 ([see story](#)).

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