

Polestar

Polestar 5 electric 4-door GT to debut exclusive new Polestar electric powertrain

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- 650 kW (884 hp) and 900 Nm targeted; features 800V architecture
- Polestar 5 advancing well in development schedule with engineering teams in UK and Sweden
- Polestar 5 prototype drives up iconic Goodwood hill, 23-26 June

GOTHENBURG, SWEDEN – 23 June 2022. Polestar is showing a development prototype of the Polestar 5 in public for the first time at the 2022 Goodwood Festival of Speed (23-26 June). Polestar 5 is a high-performance electric 4-door GT with proper sports car credentials, and the production evolution of the Precept concept car first shown in 2020.

Pete Allen, Head of Polestar UK R&D, says: "Polestar 5 is shaping up to be a superb 4-door GT and a true Polestar at heart. The platform combines low-volume performance car attributes with modern technological advances to bring light-weight, high-rigidity sports car chassis technology into mass production."

The UK team has taken the opportunity of working with a new mechanical platform to design and develop a unique bonded aluminium chassis, a prime factor in delivering the vehicle dynamics signature to create a driving experience that is as desirable as the design.

In Sweden, development of a new top-of-the-line electric powertrain is ongoing. A new rear electric motor will provide superior output, along with 800-Volt architecture. Combined with a high-output front electric motor, the complete dual motor powertrain aims to deliver 650 kW (884 hp) and 900 Nm.

Jörg Brandscheidt, Polestar's CTO and Head of R&D, says: "The new powertrain we are working on will set a new brand benchmark in our high-performing cars. Combining strong electric motor engineering ability with advances in light-weight platform technology is leading to truly stunning driver's cars."

Polestar 5 will run up the iconic Goodwood hill twice daily during the event in the "First Glance" group. The car is planned for launch in 2024 and is the third of three new EVs expected to be launched by Polestar in the coming three years, following the Polestar 3 and Polestar 4 electric SUVs.

Polestar's [YouTube documentary series](#) shows how the company is transforming the Precept concept into the production Polestar 5 in a lot more detail than is usually revealed during a car project.

Thomas Ingenlath, Polestar CEO, comments: "Polestar 5 is a company-defining project. Its progressive design and advanced engineering set the tone for Polestar's future. We have great talent on board enabling us to create truly iconic EVs."

Ends.

About Polestar

Polestar was established as a new, standalone Swedish premium electric vehicle manufacturer in 2017. Founded by Volvo Car AB (publ) (together with its subsidiaries, "Volvo Cars") and Zhejiang Geely Holding Group Co., Ltd ("Geely"), Polestar enjoys specific technological and engineering synergies with Volvo Cars and benefits from significant economies of scale as a result.

Polestar is headquartered in Gothenburg, Sweden, and its vehicles are currently available and on the road in markets across Europe, North America, China and Asia Pacific. By 2023, the company plans that its cars will be available in an aggregate of 30 markets. Polestar cars are currently manufactured in two facilities in China, with additional future manufacturing planned in the USA.

In September 2021, Polestar announced its intention to list as a public company on the Nasdaq in a business combination agreement with Gores Guggenheim, Inc. Full information on this definitive agreement can be found [here](#).

Polestar has produced two electric performance cars. The Polestar 1 was built between 2019 and 2021 as a low-volume electric performance hybrid GT with a carbon fibre body, 609 hp, 1,000 Nm and an electric-only range of 124 km (WLTP) – the longest of any hybrid car in the world.

The Polestar 2 electric performance fastback is the company's first fully electric, high volume car. The Polestar 2 model range includes three variants with a combination of long- and standard range batteries as large as 78 kWh, and dual- and single-motor powertrains with as much as 300 kW / 408 hp and 660 Nm.

From 2022, Polestar plans to launch one new electric vehicle per year, starting with Polestar 3 – the company's first electric performance SUV. Polestar 4 is expected to follow in 2023, a smaller electric performance SUV coupe.

In 2024, the Polestar 5 electric performance 4-door GT is planned to be launched as the production evolution of Polestar Precept – the manifesto concept car that Polestar released in 2020 that showcases the brand's future vision in terms of design, technology, and sustainability. As the company seeks to reduce its climate impact with every new model, Polestar aims to produce a truly climate-neutral car by 2030.

In early March 2022, Polestar revealed its second concept car, the Polestar O, electric performance roadster. Polestar O, builds on the design, technology and sustainability ambitions laid out by Precept and showcases the brand's vision for future sports cars. The hard-top convertible presents an evolution of the unique design language first shown by Precept and emphasises a dynamic driving experience. The concept further develops the focus on sustainability and technology, aiming towards greater circularity.