



PRESS RELEASE

PIRELLI P ZERO: COMPOUNDS DELIVER RECORD-BREAKING ACCELERATION FOR THE PORSCHE CAYENNE ELECTRIC

Pirelli engineers developed a specific compound to meet the highest grip levels for the Cayenne Electric Turbo, which sprints from 0 to 100 km/h in just 2.5 seconds

The electric SUV is equipped with three summer tyres, two winter tyres and one All Season tyre – all entirely designed in a virtual environment

All fitments feature Elect technology, enhancing the performance of the electric SUV

Milan, 5 August 2026 – The **technical collaboration between the Research & Development teams at Pirelli and Porsche** has reached another milestone with the **development of tyres for the first all-electric Cayenne**.

For the first all-electric Cayenne, Pirelli has developed **six tailor-made tyre fitments** through an entirely **virtual design process**, each engineered to match the vehicle's different characteristics across varying seasonal conditions. These include the fifth generation of the **P Zero**, designed to deliver the ideal balance of performance, efficiency and range, as well as the **P Zero R** for the high-performance Cayenne Turbo. The range also includes two winter tyre options and one All Season tyre. All are equipped with **Pirelli's Elect technology**, specifically developed to meet the demands of electric mobility. Pirelli Elect is a package of technologies designed for electric and plug-in hybrid vehicles, enhancing their performance through low rolling resistance to maximize driving range and reduce charging costs, while dedicated compounds and structures provide outstanding grip when managing instant torque and increased vehicle weight, together with improved wear resistance and lower noise levels for greater acoustic comfort.

VIRTUAL DEVELOPMENT FOR PORSCHE SUV DRIVING DYNAMICS

The new Porsche Cayenne Electric sets new benchmarks in the SUV segment thanks to an advanced chassis and sophisticated control systems capable of managing drive torque within milliseconds. To support this level of engineering complexity, Pirelli **adopted a fully virtual development approach, with every aspect of the new tyre fitment tested before physical prototypes** were produced, significantly optimizing development times compared with traditional processes. Technical choices – including different compounds according to tyre specification, axle and size – were specifically engineered to deliver precise steering response and outstanding stability, even under the high dynamic loads generated by the all-wheel-drive electric powertrain. This development reflects Pirelli's **Perfect Fit** strategy, which delivers bespoke tyre solutions tailored to the specific characteristics of each vehicle.

P ZERO: PORSCHE PERFORMANCE, EFFICIENCY AND WET-GRIP CONTROL

For the Cayenne Electric, Pirelli has developed a dedicated P Zero, available in 21- and 22-inch sizes, with different specifications for the front and rear axles, designed for drivers seeking the optimum balance between efficiency, Porsche-level performance and safety in wet conditions. The tyre focuses on three key areas: efficiency, achieved through low rolling resistance compounds that



maximize battery range; the dynamic **performance expected of a Porsche**, enabling demanding manoeuvres such as high-speed *lane changes* without compromising stability; and **outstanding wet-weather safety**.

P ZERO R: TRACTION AND GRIP WITH THE DNA OF THE 911

Alongside the P Zero, Pirelli has developed a dedicated 22-inch P Zero R, with specific front and rear axle specifications, to unlock the full performance potential of the Porsche Cayenne Electric. Pirelli developed **specific compounds** to meet the **traction and grip** requirements of the high-performance Turbo version, which accelerates **from 0 to 100 km/h in just 2.5 seconds**. The P Zero R features an **ultra-high-performance compound** developed from Pirelli's extensive motorsport expertise, delivering performance close to that of the semi-slick P Zero Trofeo RS. It uses the same compound as the one developed for the 911, adapted to meet the challenges of the Cayenne Electric's greater weight and increased wear demands. Its balance has been fine-tuned through different compounds for the front and rear axles, together with an optimized contact patch, ensuring that the instant torque delivered by the electric motors is translated into maximum longitudinal traction while maintaining exceptional **stability** throughout every phase of driving. This approach provides extremely **precise and responsive driving experience**, fully enhancing the vehicle's dynamic capabilities despite its high torque output.

In addition to the P Zero family, Pirelli has developed a dedicated Scorpion Winter 2 as the approved winter fitment, available in 20- and 22-inch sizes, as well as a 20-inch Scorpion MS All Season tyre.

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