

Porsche Taycan Turbo S sets production EV lap time at Michelin Raceway Road Atlanta

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14/12/2020 A production-spec Taycan charged over the finish line to post an impressive lap time.

No matter the body style or powertrain, all Porsche models reflect the same passion for performance, and one of the best ways to show this is to demonstrate it on demanding race tracks. For the Taycan Turbo S, the result of this effort was for it to lap the iconic Michelin Raceway Road Atlanta's 2.54-mile race track in 1:33.88 minutes (**Taycan Turbo S** (Predecessor model)). Located just a short distance from the headquarters of Porsche Cars North America, Michelin Raceway Road Atlanta's technical *esses* , long straights and elevation changes demand excellent feedback, stability and power from any car.

"This track is unforgiving, meaning you have to trust the car completely," said professional race car driver Leh Keen. But the real surprise came when cornering. The combination of Rear Axle Steering, optional Porsche Dynamic Chassis Control Sport and the well-programmed Sport Plus stability control, enabled Keen to push the electric sports car harder than he thought was possible.

Porsche Taycan sets new handling standards

"The performance through the turns was surprising. Turn-in, in particular, was crisp and consistent, and the steering response was immediate and communicative. The power pins your head back coming out of any corner, and the brakes have excellent feedback," he added. "The electric motors respond so quickly, the power is right there when I need it, and combined with the active differentials, makes the Taycan a game changer when it comes to handling."

Representing standard vehicles that are available to customers at authorised Porsche dealer partners across the US, the production-specification 2020 Porsche Taycan Turbo S took to the track on 3 November at an ambient temperature of 68 degrees Fahrenheit. It was fitted with the standard summer tyre Pirelli P Zero NFO Elect as equipped from the factory, sized 265/35-21 front and 305/30-21 rear, on 21-inch Mission-E design wheels. Tyre pressures were adjusted to provide a hot pressure of 41 PSI across all four tyres for the lap.

Taycan Turbo S with performance features

Standard performance features fitted to the Taycan Turbo S include Rear Wheel Steering with Power Steering Plus, Adaptive Air Suspension with Porsche Active Suspension Management, Porsche Torque Vectoring Plus and Porsche Ceramic Composite Brakes. In addition, optional Porsche Dynamic Chassis Control, which reduces body roll when cornering, was also fitted to the particular Taycan Turbo S used for the lap.

Vehicle data acquisition and timing expert Racelogic was on hand to record and verify the lap time utilising their VBOX Video HD2 system.

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Consumption data

Taycan Turbo S (Predecessor model)

*Further information on the official fuel consumption and the official specific CO_2 emissions of new passenger cars can be found in the "Leitfaden über den Kraftstoffverbrauch, die CO_2-Emissionen und den Stromverbrauch neuer Personenkraftwagen" (Fuel Consumption, CO_2Emissions and Electricity Consumption Guide for New Passenger Cars), which is available free of charge at all sales outlets and from DAT (Deutsche Automobil Treuhand GmbH, Helmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen, www.dat.de).

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