

911 GT3 with Manthey Kit a track specialist with high-performance aerodynamics

21/11/2025 Hardly any other production car is used by its customers as often on track days as the Porsche 911 GT3. With the new Manthey Kit, Porsche offers high-performance components that go beyond the level of the Weissach Package – specifically aimed at customers with a keen passion for driving on track. These include extensively revised, particularly efficient aerodynamics with significantly increased downforce, modified suspension and optimised brake components. The 911 GT3 lapped the Nürburgring's Nordschleife in 6:52.981 minutes – about 2.8 seconds faster than its predecessor with the Manthey Kit.

Porsche offers a Manthey kit for the current 911 GT3 (992.2) for even better performance on the racetrack. The kit provides significantly more downforce and, as a result, increased cornering speeds. The suspension has been specially adapted for track use and the brakes are designed for the particularly high demands of track days. The new Manthey Kit was developed in close collaboration between the Porsche Development Centre in Weissach and the Manthey engineers in Meuspath. The components,

which are optimised for circuit use, are sold through Porsche Centres worldwide.

Up to 540 kg of downforce at 285 km/h

The aerodynamics of the 911 GT3, which are already designed for high downforce as standard, have been further optimised for track use. The entire underbody has been transformed into a continuous aerodynamic element. The air deflector elements on the underbody (also known as turning vanes) have been extended by one metre, to 1.5 m. This enables them to generate additional downforce in a particularly efficient manner. In addition, the luggage compartment floor of the production vehicle now has a cover, creating a completely smooth underbody.

The front lip has been redesigned and extended forward by 12 millimetres. Special front diffusor fins in the front underbody and flaps attached to the sides of the vehicle increase downforce at the front axle. The wing of the 911 GT3 with swan-neck mounts is wider and now features a Gurney flap. The end plates have been enlarged and are visibly curved inwards to achieve optimal airflow. The rear diffuser, featuring longer fins, increases downforce without increasing drag.

The carbon-fibre wheel covers (aerodiscs) at the rear reduce drag, completing the interaction of all the car's aerodynamic components to optimise airflow and maximise overall efficiency. Overall, downforce is greatly increased while drag remains the same. At 285 km/h, the 911 GT3 with Manthey Kit in road mode produces 355 kg of total downforce. In circuit mode, which must not be used on public roads, the downforce increases to 540 kg at 285 km/h.

Adjustable coilover suspension

Together with Manthey, Porsche has developed a special four-way coilover suspension for the 911 GT3 that can be adapted for circuit use. The suspension struts are four-way adjustable, and the rebound and compression can be adjusted without tools. The moderately adjusted spring rates (plus 10 per cent on the front axle compared to the predecessor model with the Manthey Kit) contribute to improved handling at the limit and are adapted to the significantly higher downforce values. The optimised circuit suspension increases mechanical grip and makes the car even more stable, especially when driving over kerbs.

Lightweight 20- and 21-inch forged wheels are available as an option for the Porsche 911 GT3. These reduce the unsprung mass by a total of six kg compared to the standard wheels. They are available in Brilliant Silver, Neodyme and Black (silk gloss). Braided steel brake lines are included as standard in the kit. This guarantees very precise pressure and optimum brake control. As an option, special racing brake pads for the Porsche Ceramic Composite Brake (PCCB) system are available for the Porsche GT3 with Manthey Kit.

Extensive range of accessories for even more individuality

Those wishing to add further visual accents can individualise their 911 GT3 with particularly sporty accessories. Carbon door sill trims with illuminated Manthey lettering, LED door projectors with white Manthey lettering, and the option of applying the Manthey lettering to the doors, underline the sharpened character of the 911 GT3. In addition, the carbon aerodiscs are available in various colours. Tow straps are available for front and rear use on circuit use. These are optionally available in red, black or yellow and can be attached to the designated threaded holes at the front and rear. They must be removed before driving on public roads. In addition, the 911 GT3 can be enhanced with carbon-fibre front air outlets and rear air intakes.

Almost three seconds faster on the Nürburgring than its predecessor

On the Nürburgring Nordschleife, traditionally Porsche's test laboratory for sports cars, the 911 GT3 with Manthey Kit can play to its full strengths. With reigning DTM champion Ayhancan Güven at the wheel, and in less than ideal conditions, the modified GT sports car lapped the 20.8-kilometre circuit in the Eifel region in 6:52.981 minutes – 2.76 seconds faster than the previous generation (992.1) of the 911 GT3 with Manthey Kit. Both cars were equipped with the optionally available Michelin Pilot Sport Cup 2 R tyres. The lap time was certified by a notary present on site.

"With the Manthey Kit, the 911 GT3 has once again become noticeably better in corners on the circuit," said Güven.

"The significantly higher downforce and the optimised suspension make the car very easy to control and provide the driver with even more confidence. Unfortunately, the lap time wasn't ideal, as the autumn weather meant that the track was still damp in some places and therefore very slippery – otherwise we could have shaved off a few more seconds."

"For more than a year, we worked with the Porsche engineers to develop the new Manthey Kit for the 911 GT3 and did a lot of detailed work in the wind tunnel," said Nicolas Raeder, Managing Director of Manthey Racing GmbH.

"We also tested it over several thousand kilometres on European racetracks and on the Nürburgring Nordschleife. Since the track conditions were challenging at critical points when setting the official lap time, we will make another attempt next year in better weather to demonstrate the full potential of the Manthey Kit."

The Manthey Kit for the 911 GT3 is expected to be available from 2026 for installation at Porsche Centres. The factory warranty for the 911 GT3 remains fully intact.

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Consumption data

911 GT3 (WLTP)*: Fuel consumption combined: 13.8 – 13.7 l/100 km; CO_2 emissions combined: 312 – 310 g/km; CO_2 class: G

*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).

Video

https://newstv.porsche.com/porschevideos/newstv.porsche.com_327921_en.mp4

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