

Porsche Macan S launches

This article reflects the status at the time of its publication. The content may since have become outdated.

11/12/2018 Porsche has expanded its range of compact SUVs. The Macan S also benefits from all the innovations included in the latest facelift.

The new model from the sports car manufacturer features a new three-litre V6 turbocharged petrol engine with a gasoline particulate filter (Fuel consumption combined 8.9 l/100 km; CO_2 emissions 204 g/km). It delivers 260 kW (354 PS) and has a maximum torque of 480 Nm, representing an increase of 10 kW (14 PS) and 20 Nm compared with the previous model. When equipped with the optional Sport Chrono Package, the new Macan S accelerates from 0 to 100 km/h in just 5.1 seconds, which is 0.1 seconds quicker than the previous model. The vehicle's top speed is 254 km/h. Its fuel consumption (NEDC-correlated) is 8.9 l/100 km. The new Macan S enjoys all the product innovations of the latest generation Macan model range. These include the LED lightbar at the rear and the new, fully networked Porsche Communication Management system with a 10.9-inch touchscreen.

New V6 engine with central turbo layout

The Porsche Macan S is now equipped with a newly developed 3.0 liter V6 turbo engine. Using the central turbo layout, the turbocharger is located in the inner V; this results in short exhaust gas paths between the combustion chambers and the turbocharger, to ensure outstanding and immediate responsiveness. The new twin-scroll turbocharger provides high torque at low engine speeds. With twin-scroll technology, the exhaust gas flows are continuously fed to the turbine wheel as separate streams significantly reducing any charge cycle disadvantages. The further-developed combustion chamber geometry with a central injector promotes efficient fuel mixture preparation. In addition to the increase in the power output per litre, from 113 to 118 PS, the emissions have also been reduced.

Newly tuned chassis for enhanced balance

As distinctively sporty as ever, the Macan's chassis features staggered tyres and Porsche Traction Management (PTM) four-wheel drive, and has been overhauled and optimised once again as part of this model's facelift. On the front axle, spring forks made from aluminium replace the previous steel components. The new light alloy design is more rigid and reduces unsprung mass, making the steering on the Macan more precise and improving ride comfort. Newly tuned sway bars also ensure more neutral handling. As before, the Porsche Active Stability Management (PASM) active damper control system, height-adjustable air suspension with optimised rolling pistons and new shock absorber hydraulics and Porsche Torque Vectoring Plus (PTV Plus) are optionally available to improve the model's driving dynamics and handling even further.

Enhanced brakes with more precise pressure point

A lot of detailed work has also gone into the brakes of the new Macan, and the driver will notice this most of all in the form of a changed pedal feel. The pedal in question weighs around 300 g less than the previous steel part, and acts on the brake master cylinder via a shortened lever arm. This results in a more immediate brake response, and the driver can also feel a very precise pressure point because of the firm connection. The even more sporty approach in the new Macan S is reflected in the larger front brake discs, with disc diameter increased by 10 mm to 360 mm, and disc thickness growing 2 mm to 36 mm. All new brake pads are copper-free. The Macan S can also be equipped with the optional Porsche Ceramic Composite Brake (PCCB).

functions

The Macan S also benefits from all the innovations included in the latest facelift, including a three-dimensional rear LED lightbar. The headlights are LED as standard, and the optional Porsche Dynamic Light System Plus (PDLS Plus) system can be used to control light distribution adaptively.

The new Porsche Communication Management (PCM), which now features a 10.9-inch full-HD touchscreen, is fully networked as standard and includes online navigation with real-time traffic information through “Here Cloud”, mobile phone connection, two audio interfaces and intelligent voice control. Other features on-board as standard include Porsche Connect Plus (with LTE phone module and SIM card reader), a Wi-Fi hotspot and an array of new Porsche Connect services.

New options: GT sports steering wheel, ioniser and Traffic Jam Assist

The optional GT sports steering wheel, which appears in the 911, bolsters the sporty interior design of the Macan S. The mode switch integrated into the steering wheel – including the Sport Response button – is part of the optional Sport Chrono Package. For added comfort and convenience, it is possible to optionally include the new Traffic Jam Assist, a heated windshield and an ioniser which, in conjunction with the fine particulate air filter fitted as standard, improves the quality of the air inside the vehicle.

Link Collection

Link to this article
https://newsroom.porsche.com/en/products/porsche-macan-s-v6-turbo-engine-compact-suv-power-16576.html

Media Package
https://pmdb.porsche.de/newsroomzips/81a639e1-211d-4213-b5ea-76d9539e994a.zip

Dr. Ing. h.c. F. Porsche Aktiengesellschaft
Porscheplatz 1
70435 Stuttgart