

718 Boxster: technology highlights

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18/03/2016 It attracted a lot of glances at the Geneva International Motor Show. However, the Porsche 718 Boxster does not just impress with its looks. It offers three technical innovations you may not be familiar with yet.

PSM Sport Mode: driving at performance limits

When the optimised Sport Chrono Package is ordered, Porsche Stability Management (PSM) offers the new “PSM Sport” mode. This very sporty driving mode lets ambitious drivers explore performance limits even closer – such as on a circuit track or in winter driver training on low-friction surfaces. Compared to PSM On, the function permits much larger yaw angles and more slip at the drive wheels. This lets drivers experience the sports car's driving dynamics performance even better – and in a safe environment. Hard braking within the ABS control range activates the full range of stabilising assistance by PSM until the brakes are released.

Sport Response Button: would you like a little more?

When the optional Sport Chrono Package and PDK transmission are ordered, another programme switch is added to the steering wheel: the Sport Response Button. Inspired by motorsport, the engine and transmission are configured for maximum acceleration for a period of 20 seconds - such as for intermediate sprints or overtaking.

Dynamic Boost function: spontaneous response

The new Dynamic Boost function intervenes when the driver takes the foot off the accelerator pedal briefly during full acceleration. The throttle valve remains mostly open, while the petrol injection is stopped. As a result, charge pressure is not reduced entirely - the engine reacts spontaneously to another press of the accelerator pedal. As a result, the turbo engine reacts as quickly as a naturally-aspirated engine.

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