The Boxster sports car concept: trendsetting design and clever detailed solutions

14/01/2021 In 1993, the Porsche Boxster faced its first and biggest test: the public unveiling of the concept car at the Detroit Motor Show.

A portmanteau of “boxer” and “roadster”, the Boxster name covers both the vehicle category and the boxer engine – the outstanding technical feature that had characterized the 356 since 1948 and the Porsche 911 since 1963.

Grant Larson, today Director Special Projects, was responsible for designing the concept car. The designer remembers: “In October 1991 – I was responsible at the time for advance development in the Design department – I visited the Tokyo Motor Show. Audi presented the Avus Quattro concept car there. At the end of 1991, series development of the Boxster and the 996 was already taking place in other areas, and we decided to build a show car. I had full freedom as regards design. All drafts were produced as 2D drawings. So, not on a screen like today.

Design sketches of the Boxster

“My boss, Harm Lagaaij, really pushed me on the design, above all as regards the detailed forms. We were lucky that we could call on Peter Müller, a fantastic modeller. Instead of using coordinates in the usual way, he worked only with my drawings. Freehand, as it were. We had originally planned to present our concept car in Geneva in spring 1993. But we decided on Detroit in January because we did not want to waste any time. What is more, our focus with the roadster was on the US market, where Porsche was weak at the time, and where Mazda with its Miata and BMW with the Z1 were already present in the roadster segment.”

With the “Boxster” sports car concept designed by Larson, Porsche continued the technical development of its earlier Spyder, Speedster and Roadster sports cars, and intentionally included references to the 550 Spyder and the 718 RS 60 from the 1950s. The mid-engine concept, short body overhang at the rear, front end extending well beyond the front axle and centrally positioned exhaust tailpipe: all these were characteristic features of both the forebears and the concept car. Distinctive air intakes and air outlet openings were important design elements, as were the headlights with innovative lighting technology and also the tail lights and direction indicators. The interior was designed to match, with metal painted in the exterior color used on the door panels, instrument cluster and center console.

986 Boxster

The “Boxster” received an overwhelmingly positive response from the public and experts, and this did not remain without consequences for development. Grant Larson: “Shortly after the presentation in Detroit, we were instructed to stop series design development for the Boxster immediately. The instruction instead was: “Please build the concept exactly like that.”

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Consumption data

718 Boxster models
Fuel consumption / Emissions

WLTP*
Fuel consumption* combined (WLTP) 13.0 – 8.9 l/100 km
CO emissions* combined (WLTP) 294 – 201 g/km
CO2 class G Class

*Further information on the official fuel consumption and the official specific CO emissions of new passenger cars can be found in the "Leitfaden über den Kraftstoffverbrauch, die CO-Emissionen und den Stromverbrauch neuer Personenkraftwagen" (Fuel Consumption, COEmissions 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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