



Mazda launches turbo petrol engine in new CX-9

- **First turbocharged SKYACTIV-G optimised for responsive, efficient performance**
- **All new mid-sized SUV goes upscale; seven-seater to hit U.S. market in spring**

Los Angeles / Leverkusen, 18 November 2015. Mazda revealed a new engine and a new model today at the Los Angeles Auto Show. The SKYACTIV-G 2.5T, the first turbocharged SKYACTIV-G petrol unit, was introduced with the all-new Mazda CX-9, a mid-sized SUV that will go on sale starting in North America next spring.

The SKYACTIV-G 2.5T is now the most powerful engine in Mazda's line-up, putting out up to 184kW (250 PS) and 420Nm on the North American version. Based on the naturally aspirated SKYACTIV-G 2.5 offered in the Mazda CX-5 and Mazda6, the new turbocharged direct-injection powerplant delivers even stronger linear acceleration, especially in the low and mid-rpm range, along with superb responsiveness. Rightsized like all SKYACTIV engines rather than downsized, it also overcomes typical turbocharging issues like sluggish off-the-line performance ("turbo lag") and often disappointing real-world fuel consumption.

Highlights include Mazda's Dynamic Pressure Turbo, the world's first turbocharger to maximise turbine performance by varying the level of exhaust pulsation according to the engine speed. The cooled exhaust gas recirculation (EGR) system, meanwhile, allows the engine to maintain the ideal air-to-fuel ratio, providing the right quantity of oxygen needed to burn the fuel – and that over a wide range of engine output.

It will initially power the all-new Mazda CX-9. Developed above all for the North American market, the family-friendly SUV moves upscale with a spacious and comfortable premium interior offering room for seven occupants on three rows of seats. Outside it features the latest rendition of the company's award-winning KODO – Soul of Motion design philosophy. And like other Mazdas, it was built around SKYACTIV Technology to deliver an uncompromising combination of superb performance and efficiency along with the patented *Jinba Ittai* driving experience inspired by the iconic MX-5 roadster. The new CX-9 will also be offered with Mazda's advanced i-ACTIVSENSE safety systems and i-ACTIV AWD, as the carmaker calls its intelligent all-wheel-drive system. North America is expected to account for 80% of the projected annual CX-9 sales of 50,000 units. It will not be available in Europe.

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