

## **Mazda to Exhibit first Japanese Car with SCR System at Frankfurt Motor Show**

Leverkusen, 12 August 2009. The Mazda stand at next month's Frankfurt Motor Show (IAA) will exhibit the first Japanese passenger car to have a diesel engine mated to a Selective Catalytic Reduction (SCR) system. This technology will be offered exclusively to European customers in the new diesel facelift version of the CX-7, Mazda's sports crossover SUV, which will go on sale in October this year.

Under the bonnet of Mazda's flagship SUV, the clean-running and highly efficient MZR-CD 2.2-liter turbo diesel engine with SCR will offer customers outstanding eco-friendly performance. Mazda CX-7 facelift complies with Euro Stage V emissions regulations, despite being a roomy SUV.

The SCR system purifies vehicle exhaust gases by spraying AdBlue®<sup>1</sup> aqueous urea from a storage tank – fitted under the luggage area – directly into the exhaust flow in front of the catalytic converter. This causes a natural chemical reaction in which the AdBlue® converts approximately 40 percent of the NOx into harmless nitrogen.

Thanks to the compact design of the SCR system the CX-7 Diesel delivers the same 455 litres of luggage space (VDA) as the gasoline engine version, and it is user-friendly. By minimizing consumption of AdBlue® to make sure it lasts for at least 20,000 km under normal driving conditions, refills are required only at each scheduled maintenance.

Joining the new clean-running CX-7 facelift diesel in Frankfurt will be a host of other environmental technologies currently making Mazda's European line-up greener than ever before – including Mazda's fuel-saving i-stop system, and rotary hydrogen powertrain technology, among others.

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<sup>1</sup> AdBlue® is a form of aqueous urea and a registered trademark of the Verband der Automobilindustrie e.V. (VDA)



Mazda's press conference will be held in Hall 3.1, Stand A7, on 15 September, at 12:45 local time.

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