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Hyundai Unveils R-Diesel Engine



Hyundai Motor Company has released details of its brand new R-Engine Diesel powerplant. With a power output of 135 kW and 392 Nm of torque, the 2.0 litre version of the R-Engine outperforms any competitive offering by the 2.2 litre version. The R-Engine will enter production next year and will see its first application on the 2010 Tucson and Sonata models.

The R-Engine benefits from the third generation common rail system developed by Bosch whose piezo-electric injectors deliver fuel at 1800 bar for an unprecedented degree of accuracy and control.

It also features an electronic variable geometry turbocharger and an advanced engine control unit (air system-based charge control).

To achieve Euro 5 emission compliancy, the R is fitted with a close-coupled Diesel particulate filter plus highly efficient exhaust gas recirculation with by-pass valve.

The R-Engine brings Hyundai's Diesel engine family fully up-to-date as it joins the U-Engine (1.1 litre, 1.4 litre and 1.6 litre), the A-Engine (2.5 litre) and S-Engine (3.0 litre V6).

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