

Iran Khodro's (IKCO) new TC7 engine clears initial tests

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Mass production to begin soon

Iran Khodro Industrial Group (IKCO) has announced in a company press release that its first turbocharged engine, the TC7, has passed the initial tests related to performance and maintenance standards. IKCO expects mass production of the engine to start from the first half of the next Persian calendar year after the tests are completed. The TC7 is part of the EF series of bi-fuel engines that can work on compressed natural gas (CNG) and gasoline (petrol). The TC7 engine has a 1.7-litre capacity and achieves 150 hp and torque of 215 Nm when used in the IKCO Soren. During the initial stages of production, the company plans to supply a gasoline-only version. The new engine meets Euro IV emission standards.



Significance: The TC7 has been co-designed by Iran Khodro Power Train (IPCO) and Germany's FEV, a powertrain and vehicle engineering company, under a joint project. IPCO is a subsidiary of IKCO and focuses on powertrain design and development and product engineering. The company also designs and develops automotive parts. In 2014, it developed the components of IKCO's Runna hybrid and in February 2015 IPCO announced plans to design and produce a 3-cylinder engine. The company manufactures engines for IKCO at its plant in Tehran, the latest of which is its EFD engine. IHS Automotive forecasts IPCO's engine production to increase by around 14.5% year on year in 2015. Under the EF series, IKCO has also produced the EF7 and EF4 and will start production of EFD engines later this year.

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