

**No: 5073****Intermat Paris 2018  
Perkins stand: Hall 5A C 011****Perkins introduces new range of economic turbocharger options**

The turbocharger is an integral part of a Perkins engine. They are precision-engineered to strict regulations with a typical turbocharger manufactured with tolerances as fine as 1/1,000,000 of an inch. Some work at peak loads for long periods of time, operating at speeds of up to 180,000 revolutions per minute for hours at a time.

They are designed to match the lifetime of an engine and go through a rigorous testing process to ensure they can perform in all kinds of strenuous operating conditions. For example, tests are undertaken at a simulated altitude of 4,500 metres – nearly the same the height of Mont Blanc - because turbocharger air systems are susceptible to damage at high altitudes.

“If your turbocharger fails, it’s probably not worth trying to repair the part and the easiest solution is to replace it with a new one,” said Helen Hagan, Perkins aftermarket product manager. “Perkins has launched a ‘new for old’ exchange offering for turbochargers – and it’s proving to be very popular. The new unit comes with a full warranty and is an economical and practical way to ensure your turbocharger is always working correctly.”

Perkins offers three competitively priced turbocharger options: new, remanufactured and new-for-old. New turbochargers are manufactured to the exact specification as the turbocharger fitted to an original Perkins engine and come with a 12-month warranty.

Remanufactured turbochargers are built from an existing turbocharger core to the original manufacturer’s specifications including any engineering updates. Parts are quality-assured and tested to guarantee they perform at the same level of a new turbocharger. They also come with a 12-month warranty and this option offers a cost saving of around 30 percent compared with the cost of buying a new one.

New-for-old means customers receive a new turbocharger in exchange for their old turbocharger core and this is with a cost of around 80 percent of the price of a new one.

A turbocharger is a key part of the engine's performance and it is vital to replace precision with precision. By selecting a genuine Perkins turbocharger, you are guaranteed maximum performance at a competitive price long into the future.

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#### **Note to editors**

Perkins is one of the world's leading suppliers of off-highway diesel engines in the 4 - 2000 kW (5 - 2800 hp) market. Perkins' key strength is its ability to tailor engines precisely to meet customers' requirements, which is why its engine solutions are trusted by more than 1,000 leading manufacturers in the industrial, construction, agricultural, material handling and electrical power generation markets. Perkins distributor network provides support wherever needed around the world. An extremely high standard is set to ensure the distribution network provides an outstanding service to all customers.

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