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Motorservice starts worldwide marketing of reconditioned turbochargers

Since August 2024, MS Motorservice International GmbH has been offering products worldwide under the turbo by Intec brand. Additional resources have been made available accordingly at the Lanciano site in Italy, with machinery purchased and employees given comprehensive training. Thanks to this global expansion, the replacement parts specialist is now inviting its customers to benefit from its considerable expertise in the reconditioning of turbochargers.

Previously, turbochargers were only available in France, Germany and Greece. As far back as 2011, Motorservice started reconditioning turbochargers on a small scale at Genas in France. As demand increased, serial production was gradually stepped up at the relevant subsidiary. Once it became clear that production capacity in France would soon be exhausted again, suitable investments were required at the Motorservice site in Lanciano. So now it has two production sites for the remanufacturing of turbochargers, Motorservice can cope with the increasing demand from its customers worldwide.

The product range

Turbochargers are used in almost all modern fuel-powered car engines and in increasing numbers of commercial vehicle engines as well. Trends such as downsizing, reduced fuel consumption, and the drive to limit pollution are favouring this development. Inadequate maintenance or other defective engine components can have a big impact of a turbocharger's service life – or even cause it to fail. With reconditioned turbochargers under the turbo by Intec brand, Motorservice offers high-quality replacement solutions. The product range covers turbochargers for cars, commercial vehicles, and off-road vehicles, as well as products associated with turbochargers. And to give the market even more of what it wants, a separate replacement range for common turbocharger applications has been developed. For example, replacing the turbocharger in older vehicles provides a solution as it allows workshops to face the competition in the car market with high-quality solutions. As part of its reconditioning of turbochargers, turbo by Intec has to meet a list of stringent requirements. Motorservice uses machinery recognised by turbocharger manufacturers – to ensure impeccable quality across the entire production process.

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The reworking process

Every turbocharger is completely dismantled and thoroughly cleaned. This involves inspecting all the individual parts to see if they can be reused – which saves on natural resources and helps protect the environment. Once the individual unit has been rebuilt, the turbine shaft is rebalanced and the pneumatic or electric control is calibrated. Lastly, every turbocharger must pass a performance test. All data from the overhaul is recorded for tracking purposes.

How turbochargers work

The exhaust gases generated during combustion are used to drive a turbine, which is connected to the compressor wheel via a shaft. This compressor wheel (which spins at speeds of up to 400,000 rpm in the latest and most compact turbochargers) then compresses the intake air and thereby generates a higher air mass for the engine. This makes it possible to minimise CO2 emissions and fuel consumption, while still increasing performance.

About turbo by Intec

turbo by Intec is a brand of MS Motorservice International GmbH. It is associated with turbochargers that have undergone a high-quality reworking process. Customers benefit from fast and efficient repairs of turbochargers for use in cars, commercial vehicles and stationary applications. By reworking turbochargers, the company is making an important contribution to sustainability and saving on resources. And the quality is reliable too, with the production and various test processes subject to the high standards associated with an international original equipment manufacturer.