

# OEM Repair

## For MAN Diesel & Turbo turbochargers

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## The Fast and Cost-Effective Alternative

## Delivering Lifetime Confidence

Through worldwide service



You have chosen an MAN Diesel & Turbo turbocharger – for enhanced performance and improved fuel economy. And you have chosen MAN PrimeServ after-sales service – for unparalleled OEM expertise, and for a complete solution to all your turbocharger needs.

### Damage identification and analysis

MAN Diesel & Turbo turbochargers are renowned for their reliability and efficiency. But even the best turbochargers are susceptible to wear and tear. To help you prevent costly damage and downtime, we offer a dedicated OEM Repair service. OEM Repair deploys state-of-the-art mobile equipment for checking components.

- Our boroscope makes turbine inspection significantly easier by eliminating the need to remove turbine inlet casing
- Eddy current crack detection enables rapid and reliable on-site testing for cracks in turbines and compressor wheel blades
- Our vibration analysis service leverages FFT technology to get to the root of all turbocharger-related vibration issues

### Component repair and reconditioning

As well as prolonging the original life of turbocharger parts, MAN Diesel & Turbo OEM Repair can breathe new life into old components. Thanks to innovative new concepts, we are able to repair or recondition worn parts at our facilities in Augsburg in as little as six weeks.

Because reconditioned parts are inexpensive, they are the ideal interim solution should you wish to keep your engine running for the period leading up to a retrofit or complete scrap. They can also reduce the amount of capital tied up in your stock of spare parts. In short, they help you reduce downtime at minimum cost.

### Innovative solutions for long-lasting repairs

- Turbine shaft: we can perform made-to-measure refurbishment for all kinds of bearing journals
- Compressor wheels: we are able to repair small scratches and dents to compressor wheels through welding
- Bearing casing: we can repair the worn surfaces of bearing casing facing the diffuser
- Diffuser walls: We can replace the outer wall of diffusers without having to remove the exhaust duct and its insulation

### The benefits to you

- Fast, reliable identification of turbocharger wear and tear, preventing costly damage
- Rapid repair of damaged components, minimising downtime
- Reconditioning of worn parts in Augsburg within six weeks of receipt, an ideal interim solution ahead of an engine retrofit or scrap, or if spare parts are not immediately available
- Quick build-up of spare-parts stock through repaired and reconditioned parts

### MAN PrimeServ turbocharger – quality service for quality turbochargers

- 24 x 7 service hotline for technical issues, mobilisation of service engineers within 24 hours for on-site deployment anywhere in the world
- Rapid delivery of original OEM spare parts to anywhere in the world
- Scheduled maintenance and repairs
- Backup advice and assistance available from a large team of OEM engineers
- Comprehensive knowledge of the latest technologies
- In-house laboratory for in-depth damage analysis
- Contractually defined fixed rates for inspections
- The result is a comprehensive, reliable service – that gives you peace of mind and your underwriter greater confidence