

## MAN | Service Genuine Parts



**CONSISTENTLY EFFICIENT.** 

\*Prices dependent on application and prices exclude VAT. Please enquire with your local MAN dealer

MAN turbos for the performance you'd expect.

MAN Genuine exhaust turbochargers.





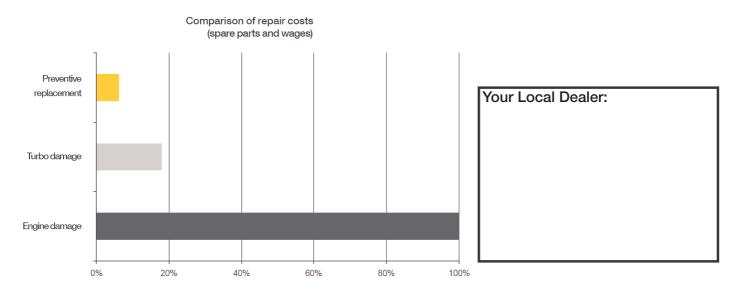


## Turbo rewards in quality and economy

## MAN Genuine turbochargers.

- Excellent thermodynamic properties
- Milled compressor wheel for long life and reliability
- Pronounced and high torque
- Lower fuel consumption, fewer emissions
  - Assembly kits for prevalent exhaust turbocharger

Whether in haulage, the building sector or passenger transport, your MAN is a major source of your income. If it performs to the full, you can expect your business to run swimmingly. But you cannot always avoid unscheduled vehicle downtime for repairs. And each time they're annoying as well as costly. In many a case, however, there's a way of doing something against expensive repairs and long vehicle outages. MAN recommends preventive replacement of the exhaust turbocharger for instance. Exhaust turbocharging is a keynote technology to enhance engine efficiency. It uses part of the exhaust energy to intake and compress the air for combustion. The turbines for the purpose rotate at speeds of up to 130,000 rpm – for the blades that means they're turning faster than sound. Reason enough for you to purchase the kind of quality that sustains maximum stress and strain: use MAN Genuine exhaust turbochargers. MAN Genuine exhaust turbochargers come with a milled compressor wheel which is much more robust than the usually used ones which are casted. Neverless when you think of what it's expected to do and the huge physical forces acting on an exhaust turbocharger day by day, there's bound to be wear and tear despite the best material quality that goes into the turbine impeller and compressor wheel. That calls for rapid action. Breakage of blade wheels caused by wear and tear can result in fragments entering the intercooler or exhaust tract, where they cause further damage. If worn shaft sealing rings produce oil shedding, in the worst case engine damage is possible plus total ruin of the catalytic converter. In this case the costs are a multiple of those for a preventive replacement (see table).



Act now and arrange an attractively costed preventive replacement by your MAN service partner.

<del>-</del>





