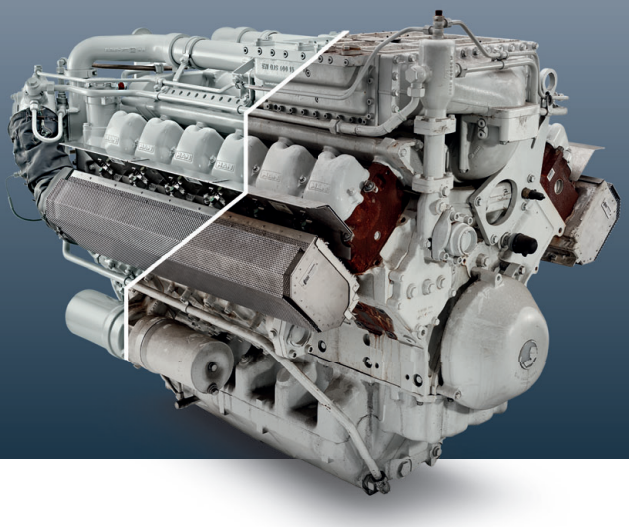


Two years' warranty
2
on MAN service and parts

# ONE ENGINE. TWO LIVES.
# REMANUFACTURED EXTERNAL ENGINES.

**A highly economical and ecological option to meet your needs.**
Benefit from short delivery times with our defined complete engine range as our remanufactured engines are available from stock. If your engine is not in stock, we will help you find an individual solution.

## APPLICATIONS

Marine | Industry | Agriculture | Rail | Power

## DELIVERY TIME: 1-4 DAYS *

*for variants available from stock

**➜ You will surely appreciate these advantages:**

+ Cost-effective, fair-value and sustainable solution
+ No conversion work due to 1:1 replacement in existing systems
+ Production and quality testing at the MAN engine plant in Nuremberg
+ Release of the engine only after successful test bench run including power output according to new engine standard
+ Continuous implementation of technical improvements in the remanufacturing process
+ 100% use of MAN Genuine Parts with 24-month warranty
+ Close coordination with the development department in Nuremberg regarding the configuration and documentation of the factory maintained engines

**www.man-engines.com**

MAN

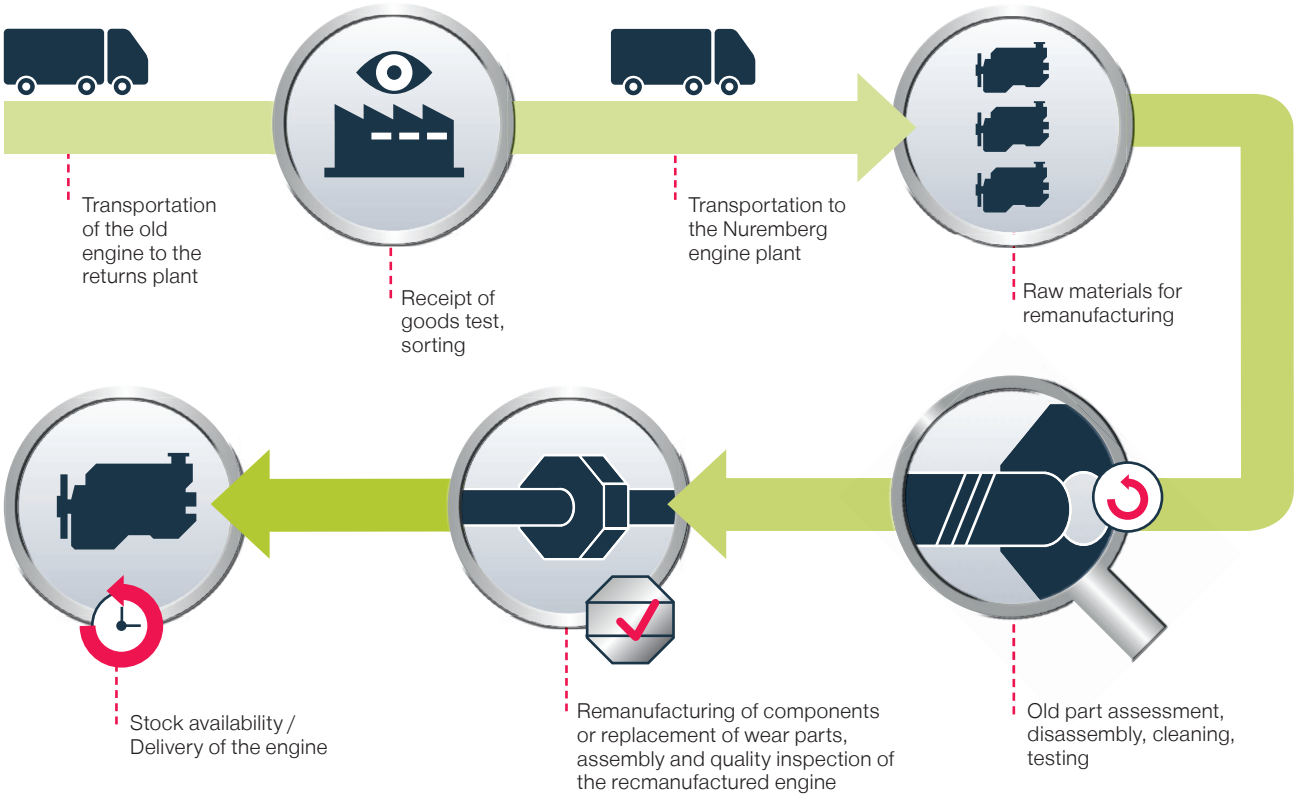
➜ **These parts, among others, are remanufactured:**

+ Crankcase
+ Cylinder head
+ Crankshaft
+ Injectors
+ Flywheel
+ Coolant pump

➜ **These wear parts, among others, are replaced:**

+ Pistons
+ Oil module
+ Turbocharger
+ Camshaft
+ Valves
+ Connecting rods
+ Bearings
+ Bolts and seals

# REMANUFACTURING PROCESS




The remanufacturing of MAN Genuine Engines is also good for the environment since remanufacturing of old engines saves resources and is sustainable because a defined range of old engine components is reused.

➜ **For the environment, this means:**

+ Important resources are conserved by re-using old parts
+ Energy is saved because remanufacturing parts requires less energy than producing them from scratch
+ Reduced $CO_2$ emissions because fewer new parts need to be produced

The remanufacturing of MAN Genuine Engines is ecologically sustainable.



For more detailed information about the scope of customer-specific remanufacturing, please contact your MAN service outlet. In this case, the scope of delivery can be adapted to your requirements.