



As good as new.
REMAN
Turbochargers.



As good as new.

REMAN Turbochargers from BorgWarner.

Are you looking for an economic, high-quality replacement for an original turbocharger? Cheap imitations are not an alternative. When carrying out repairs choose the REMAN Turbocharger from BorgWarner.

Our REMAN products combine the quality of a new turbocharger with the competitiveness of a remanufactured system. They are ideal for the fast and efficient repair of vehicles that can still provide many years of reliable service. REMAN Turbochargers are produced and tested in line with the stringent quality standards that form the basis for BorgWarner's excellent reputation as an OE-Manufacturer for the automotive industry.

REMAN Turbochargers from BorgWarner are the perfect choice for quality and cost conscious customers. They close the gap between a brand new turbocharger and a reproduction of dubious quality. Moreover, as BorgWarner, we offer first-class aftermarket support.

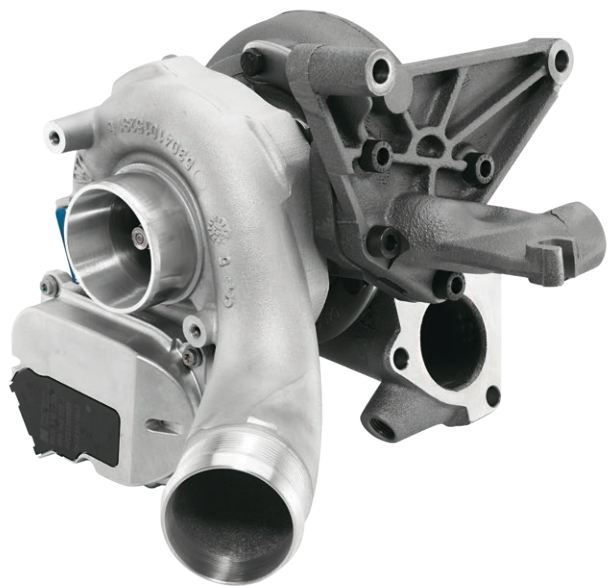
SEVEN GOOD REASONS FOR BORGWARNER REMAN TURBOCHARGERS

- Saving the environment and natural resources
- Remanufactured replacement for many brands
- From one of the global product leaders
- The perfect choice for quality and cost conscious customers
- All bearing and sealing parts as well as worn or damaged parts are replaced with new parts
- Assembled, balanced and tested with state-of-the-art manufacturing equipment and processes
- Offering the same high performance and reliability the automotive industry knows from us since years

BEFORE:
USED TURBOCHARGER



AFTER:
REMAN TURBOCHARGER



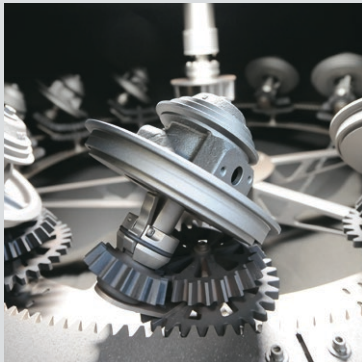
Remanufactured to meet the highest expectations.



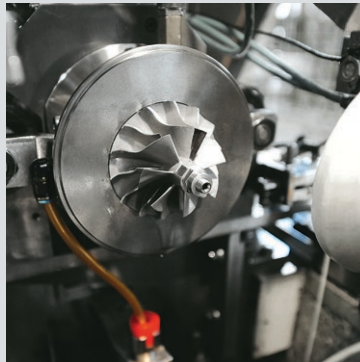
REMAN Turbochargers are remanufactured turbochargers from OE turbocharger manufacturers. Every REMAN Turbocharger is first dismantled while preserving materials to the greatest possible extent. In a complex process, the parts are then cleaned and reprocessed.

Following the balancing process and thorough testing, every BorgWarner REMAN Turbocharger meets the strict BorgWarner quality standards. So they offer the same high performance and reliability that the automotive industry has come to expect of our products.

THE REMANUFACTURING PROCESS IN DETAIL



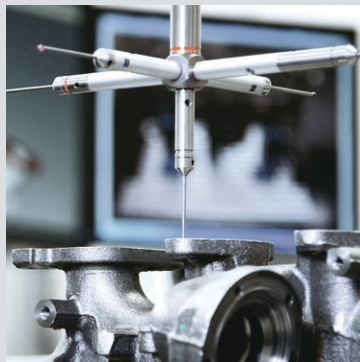
Blasting



Balancing



... setting and functional check



... and quality check

- Parts are disassembled, inspected and sorted for the reman process or scrapped
- State of the art cleaning processes to accommodate various component requirements
- Surface preparation and visual inspection of all parts
- Gauging and critical dimensions checked to drawing tolerances
- Bearings, seals and non-conforming parts are replaced with new components
- High and low speed balancing of components and core assemblies
- Assembly and product setting
- Functionality check, final inspection and packing
- Product and component quality is monitored throughout the entire process

The REMAN process at a glance.

The REMAN process is very simple:
We supply a remanufactured REMAN
Turbocharger for your customers
vehicle – you send the used turbocharger
back to us.

If the used turbocharger fullfills all
the criteria for being remanufactured
successfully, you will receive a credit
note for the old core. If your customer's
old turbocharger can not be processed,
we will levy a surcharge on the REMAN
Turbocharger.

**So it is worth removing the used
turbocharger carefully and sending
it back to BorgWarner.**

ACCEPTANCE CRITERIA

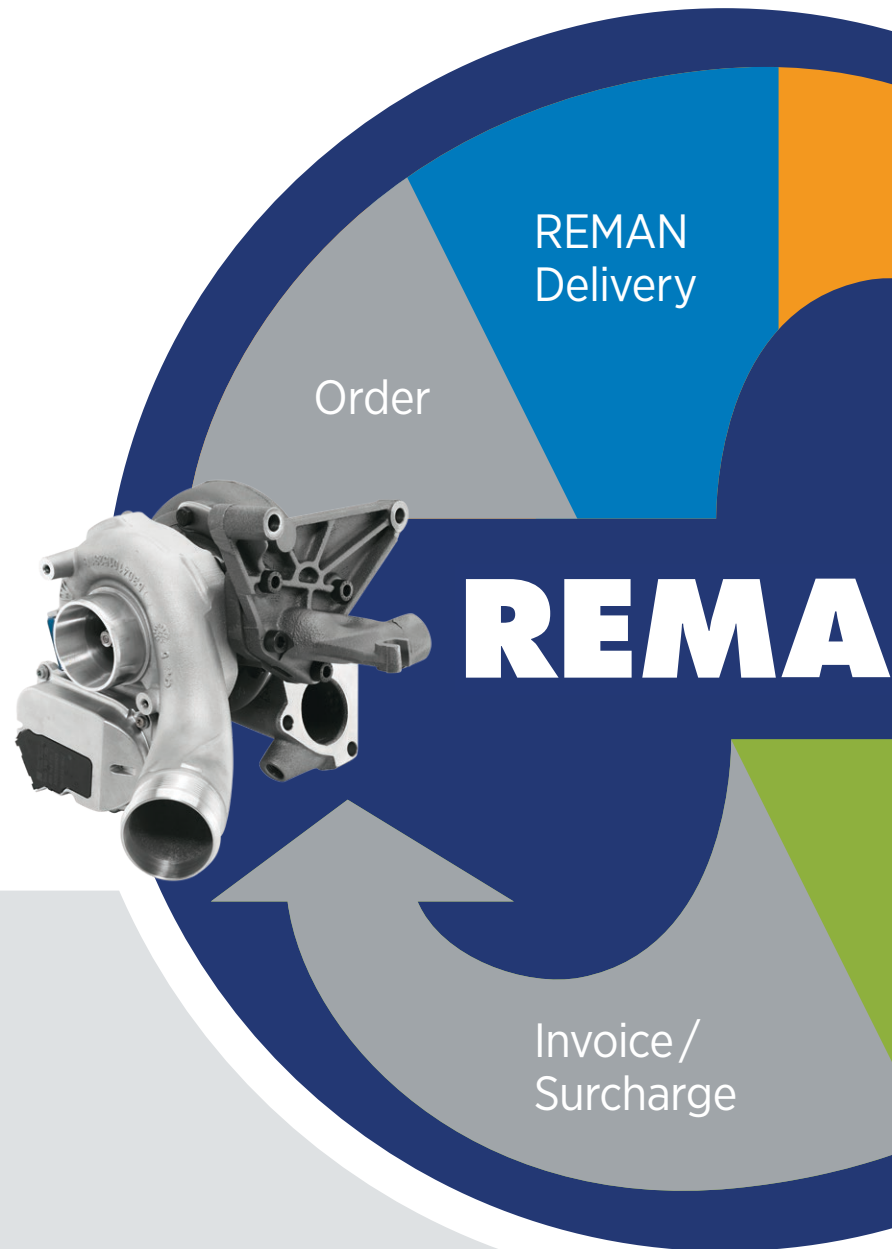
BorgWarner will only accept and
credit surcharges against returned
old cores from OE turbocharger
manufacturers. Please check our
reman offers list for guidance as to
what turbocharger part numbers we
will accept. **If you have any doubt,
please contact BorgWarner for clarity.**



**Please be aware that BorgWarner will not
accept any turbo that has:**

- Been manufactured by a non-genuine OE turbo manufacturer.
- Turbochargers that have been dismantled or that have broken connecting flanges.

For Turbochargers that have missing parts e. g. Bracket/Actuator,
but where the wheels are still intact and in good condition, BorgWarner
will offer partial acceptance of 50% credit of the surcharge value.



Leading industrial Turbocharger Remanufacturing – all types and sizes of turbochargers.

Core
Delivery



N

Acceptance
Process



As a leading series manufacturer, BorgWarner Turbo Systems has accumulated decades of experience in reconditioning turbochargers. With a global capacity of approximately 300,000 REMAN Turbochargers per year we can offer a broad range of products for passenger cars and commercial vehicles. Integrated into our logistics concept and interactive communication service, these turbochargers are available just as quickly as our original spare parts.

By opting for an REMAN Turbocharger by BorgWarner you are getting a perfect alternative that not only meets all your performance and consumption requirements, but also offers you peace of mind with the BorgWarner quality and warranty standard.

CHOOSE THE AUTOMOTIVE INDUSTRY'S FAVORITE BRAND

- Global product range with over 10,000 part numbers
- Seamless power range from 25 to 1,200 bhp
- Applications for passenger cars, commercial vehicles, agricultural and construction machinery
- Variable turbine geometry, multi-stage and waste gate turbocharging systems
- Fast and reliable spare parts supply
- Worldwide distribution network
- Service network support for diagnostics and repairs

10,000
products



Paving the way for a cleaner, more energy-efficient world.

BorgWarner Aftermarket

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 **BorgWarner**