

DEUTZ **XCHANGE**®

NEW LIFE FOR STRONG ENGINES



Maximum performance.
Minimized costs.
Full warranty.

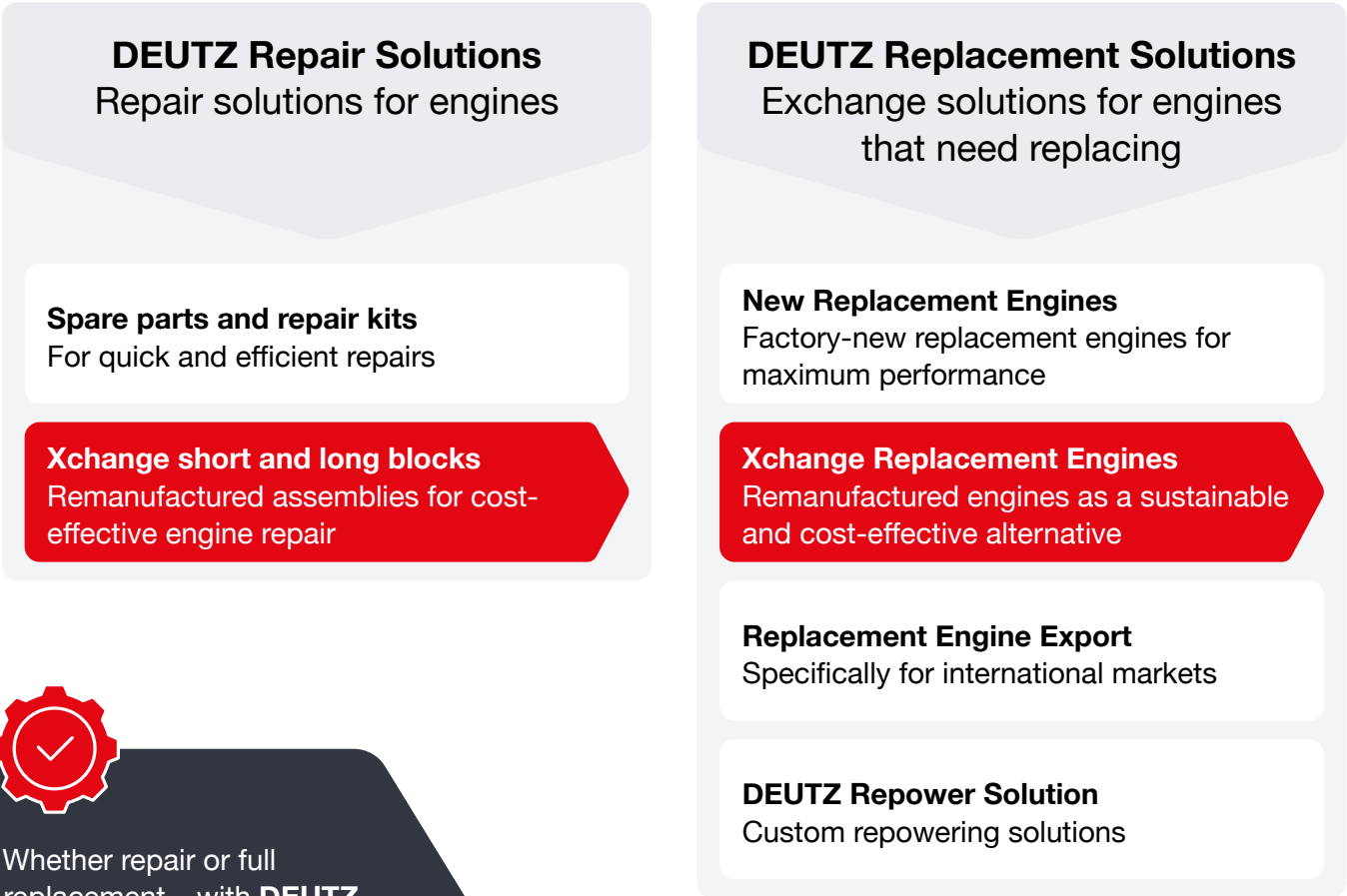


DEUTZ LIFECYCLE SOLUTIONS*

Maximum performance throughout the entire lifecycle

Investments in machines and engines must pay off in the long term – economically, reliably and sustainably. From maintenance to repairs and replacement: **DEUTZ Lifecycle Solutions** offers tailored, cost-efficient and sustainable solutions for every phase.

The DEUTZ Lifecycle Solutions product family



Whether repair or full replacement – with **DEUTZ Lifecycle Solutions**, you get a cost-effective and quickly available alternative to new products, always in proven DEUTZ quality.


*Additionally available for Daimler Truck Off-Highway engines




DEUTZ XCHANGE*

Where sustainability meets efficiency


Xchange stands for remanufactured original components and engines, refurbished to the latest standards in a certified remanufacturing process. They offer the same performance and reliability as new parts – with clear advantages:




Up to 40% more cost-effective than new parts – with full warranty



Over 50% CO₂ reduction** – resource-saving remanufacturing



Availability – reduced downtime thanks to fast delivery



Wide portfolio – available for numerous DEUTZ engine types

A worthwhile investment: With **DEUTZ Xchange**, you receive an economical, eco-friendly and quickly available solution – one that pays off in the long run.

*Additionally available for Daimler Truck Off-Highway engines **Based on a DEUTZ TCD6.1 vs. equivalent new engine

DEUTZ REPAIR SOLUTIONS*

Efficient repair with Xchange components

Downtime costs money – which makes fast and reliable repairs essential. **DEUTZ Repair Solutions** offers tailored repair concepts with high-quality Xchange components – for maximum efficiency, cost-effectiveness and sustainability.

Xchange parts**

DEUTZ Xchange parts are remanufactured original components that are reconditioned and tested in accordance with strict quality standards.



Turbocharger



Diesel particulate filter



Cylinder head



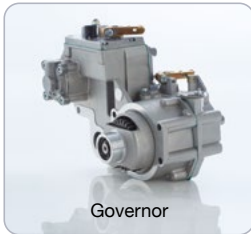
Injector



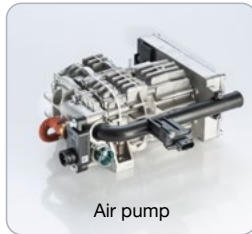
Starter



Air compressor



Governor



Air pump



High-pressure pump



Engine control unit



Alternator



EGR module

Xchange parts cover a broad spectrum and enable **fast and reliable repairs with full warranty.**

Rapid availability through DEUTZ's global service network ensures quick response for urgent repair jobs.

*Additionally available for Daimler Truck Off-Highway engines **Illustrations may differ

Repair kits

Many spare parts are also available as convenient repair kits – depending on the application, with new parts, Xchange parts or a combination of both. These kits are precisely tailored to typical repair jobs and include all necessary components in one package. This saves time when ordering, reduces the risk of errors and speeds up the entire repair process.

Engine-related Xchange products**

Short blocks

Basic solution including essential engine components such as crankcase, pistons and camshaft.



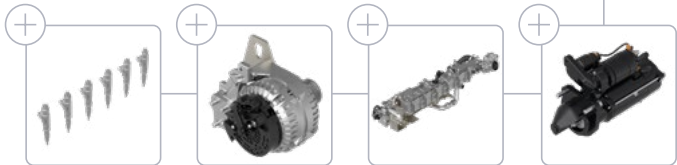
Long blocks

Preassembled solution including cylinder head for fast and efficient repair.



Long block plus

Customized solution with additional attachments for maximum efficiency.



Powerful, economical and sustainable: With **DEUTZ Repair Solutions and Xchange**, your machines keep moving – with significantly reduced installation and replacement time in the workshop.



**Illustrations may differ

DEUTZ REPLACEMENT SOLUTIONS*

The 1:1 exchange solution for any requirement

When repair is no longer sufficient or a fast solution is needed, DEUTZ Replacement Solutions offers the ideal alternative. Whether a factory-new replacement engine or a cost-effective remanufactured engine – DEUTZ provides the right solution for every application.



Xchange Replacement Engine** The economic alternative

DEUTZ Xchange Replacement Engines are remanufactured original engines that are refurbished and tested in a certified remanufacturing process. They offer the same performance and reliability as new engines – with clear advantages:

- ➔ **Up to 30% more affordable than a new replacement engine:** full performance at lower cost
- ➔ **Over 50% CO₂ reduction***** thanks to resource-saving remanufacturing
- ➔ **Reduced scope of delivery:** the base engine can be combined with existing components to save costs
- ➔ **Warranty and factory test run:** 100% tested for maximum reliability



New Replacement Engine** The premium solution

For maximum performance and a complete replacement, DEUTZ offers the New Replacement Engine – a **100% factory-new solution**.

- ➔ **Maximum scope of delivery** – includes all components of the original configuration (excl. exhaust after-treatment)
- ➔ **100% new parts** – for highest efficiency and durability
- ➔ **Ideal for Stage IIIA and higher emission levels** – full compatibility for modern applications



*Additionally available for Daimler Truck Off-Highway engines
**Illustrations may differ
***Based on a DEUTZ TCD6.1 vs. equivalent new engine

Replacement Engine Export** For international markets

In some countries, the import of remanufactured products is not permitted. This is where the **Replacement Engine Export** comes into play:

- ➔ **Based on the Xchange Replacement Engine**, but without the use of remanufactured components
- ➔ **Available for numerous DEUTZ engine types** to meet international requirements



**Illustrations may differ

Repower Engine** For modernization and conversion

When a 1:1 replacement is not an option, DEUTZ offers the **Repower Engine** as a customized repowering solution:

- ➔ Enables replacement of old or no longer available DEUTZ engines
- ➔ Ideal for machines with non-DEUTZ engines to convert to a modern, low-emission DEUTZ engine
- ➔ Full adaptation to current technical and emissions standards



With DEUTZ Replacement and Repower Solutions, you receive a fast, cost-effective and sustainable solution for engine replacement – always in proven DEUTZ quality.

THE XCHANGE REMANUFACTURING PROCESS

Quality through certified remanufacturing

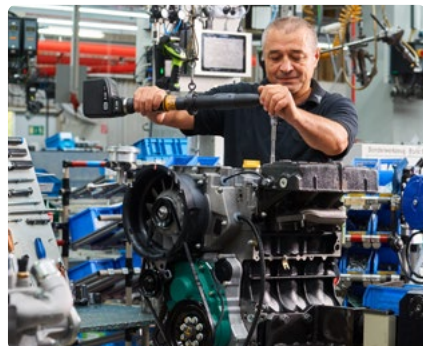
DEUTZ Xchange engines and components undergo an extensive remanufacturing process at DEUTZ plants, where they are remanufactured to meet the same high-quality standards as a new engine. This process ensures that every Xchange engine delivers the same performance, reliability and durability as a new engine – while reducing both costs and environmental impact.

The Xchange reman process at a glance



Incoming inspection and disassembly

- ➔ Return of the used engine to the DEUTZ Xchange facility
- ➔ Complete disassembly of the engine or component
- ➔ Cleaning and inspection of all reusable parts



Evaluation and reconditioning

- ➔ Strict quality control based on current DEUTZ series production standards
- ➔ Worn and defective parts are replaced
- ➔ Reusable components are reconditioned and updated to the latest technology



Assembly and factory testing

- ➔ Assembly according to the latest production specifications
- ➔ Use of **genuine DEUTZ components** for maximum quality
- ➔ 100% factory function test including performance check



Delivery and warranty

- ➔ Certified Xchange engines with **full warranty**
- ➔ Sustainable alternative with more than **50% CO₂ reduction*** compared to new production
- ➔ **High availability** for efficient engine servicing

With the **DEUTZ Xchange remanufacturing process**, you receive a product from the original manufacturer that is up to the latest technical standard – an environmentally friendly alternative to a new engine.



* Based on DEUTZ TCD6.1 reman vs. new

YOUR ADVANTAGES AT A GLANCE

Maximum cost-efficiency, full warranty

DEUTZ Xchange engines and components are the economical and sustainable alternative to new parts – with full original quality. Thanks to the qualified remanufacturing process, you benefit from an efficient, immediately available and resource-saving solution.

Reduced costs

- ➔ **Up to 40% more cost-effective than new parts** – with same quality
- ➔ Xchange engines are up to **30% more affordable** than new replacement engines
- ➔ **Attractive repair kits** for economical servicing



Minimal downtime

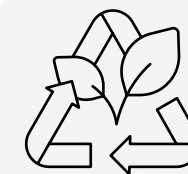
- ➔ **Fast replacement solution:** available engine portfolio from the past 40 years
- ➔ **Short downtimes:** machines are back in operation within **2–11 days***
- ➔ **High delivery capability:** standardized processes ensure rapid availability



*Depending on availability of old parts

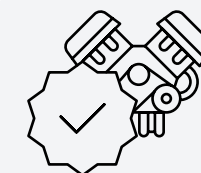
DEUTZ **Xchange**[®]

Sustainability



- ➔ **Over 50% less CO₂ emissions***: thanks to circular production practices
- ➔ **Up to 40% material savings:** valuable resources are preserved, new production is avoided
- ➔ **Better than third-party suppliers:** refurbished directly at the factory with DEUTZ expertise and the latest technology

Tested quality

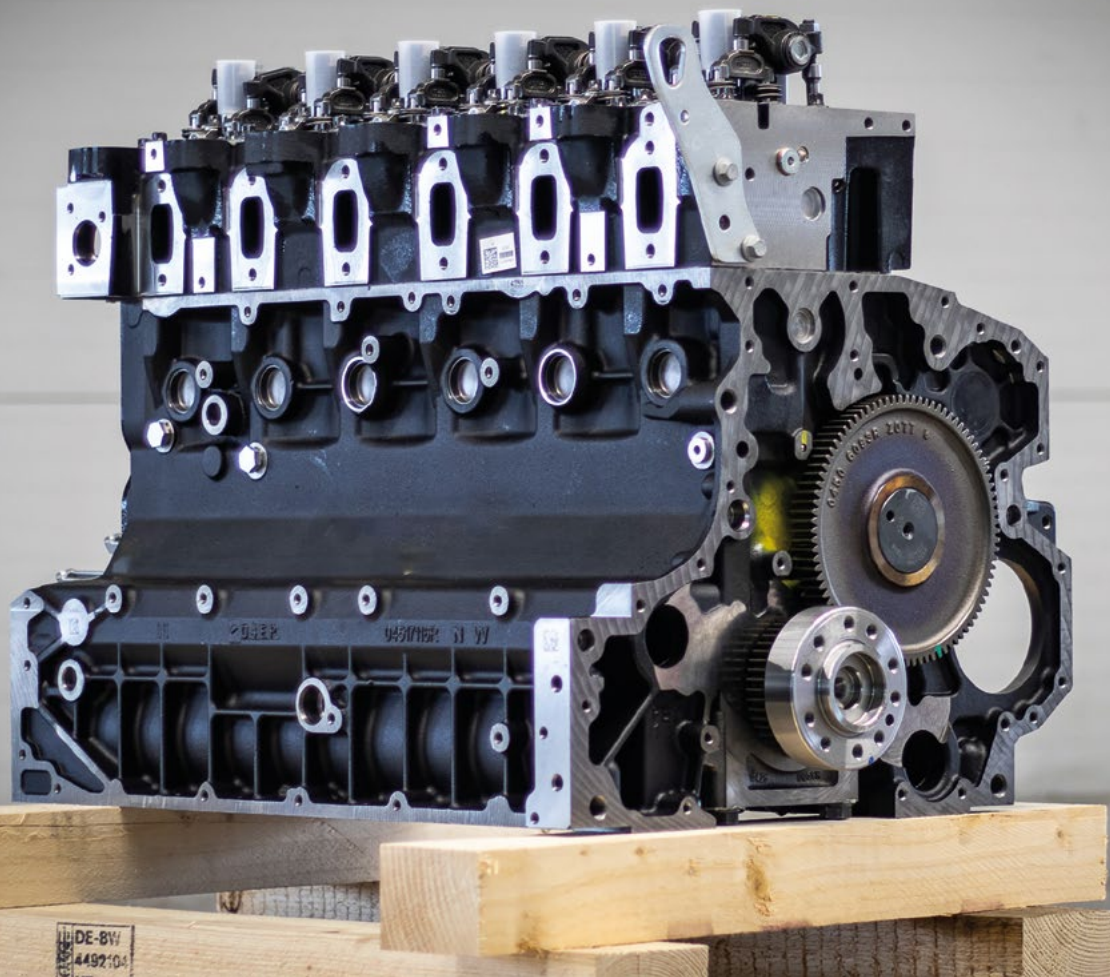


- ➔ **Same quality standards as for new parts:** Xchange products are factory-tested and precisely manufactured
- ➔ **Factory-tested components:** Function and performance tests based on the latest DEUTZ standards
- ➔ **Over 75 years of remanufacturing experience:** Proven DEUTZ technology in every Xchange solution



With **DEUTZ Xchange**, you get an efficient, sustainable and immediately available alternative to new parts – in original quality, with full warranty and maximum cost-effectiveness.

* Based on DEUTZ TCD6.1 reman vs. new



Proven quality. Built to last.

We're happy to advise you on the right **Xchange solution** for your application – quickly, easily and with full support.

Find your **nearest DEUTZ dealer** and discover our service solutions for your off-highway application!



deutz.com/en/parts-service/sales-and-service-network/dealersearch

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