



**BOSCH**

Invented for life

Driven by

**OPPORTUNITIES**



**Value-based solutions**  
Bosch eXchange

# Value-based solutions

## Products from Bosch eXchange



### Did you know?

Bosch features more than

# 50 years

of experience in remanufacturing of automotive parts. The first starters and alternators were remanufactured back in 1959.

People and their cars – for some it is just a means of transportation, for others a passion. No matter what it is, there is one thing all vehicle owners have in common: When it comes to repairs at the workshop, they all want what is best for their vehicles – advantageously priced high-quality spare parts. Thanks to Bosch eXchange, workshops can perfectly meet this demand.



### Exchange parts, diagnoses and services

Besides high-quality Bosch eXchange parts, the workshop and retail range also includes modern workshop equipment for diagnoses, servicing and repairs as well as special training. Consequently, Bosch offers a complete package easing workshops the diagnosis, installation and removal of exchange parts.



### Competence and know-how

Thanks to many years of experience and cross-product competence, Bosch has an intimate knowledge of the technical requirements for motor vehicles. This knowledge also benefits the Bosch eXchange program, ensuring reliable spare parts and high customer satisfaction.



### Global presence

More than 14,000 associates in 150 countries, together with an extensive dealer network, reliably ensure targeted workshop support and local availability of the Bosch spare parts range.

# Bosch eXchange

## Overview

Value-based repairs are in higher demand than ever, and not only for older vehicles. But how can this be achieved without compromising on quality? Bosch eXchange provides the answer. With its comprehensive range of high-quality exchange products, vehicle repair becomes a success factor for automotive workshops.

### Comprehensive program

The Bosch eXchange program consists in part of series-remanufactured products. However, to provide this extensive program with high market coverage and delivery capability, it is complemented by new parts.

### First-class quality and reliability

Bosch eXchange products stand out for their high quality and reliability. They are treated according to the same standards as original parts and must pass strict functional and quality tests.

### Outstanding price-performance ratio

With a price advantage of up to 30% over comparable products in the new parts program, Bosch eXchange products are the optimal solution for value-based vehicle repairs – and all this with the same warranty.

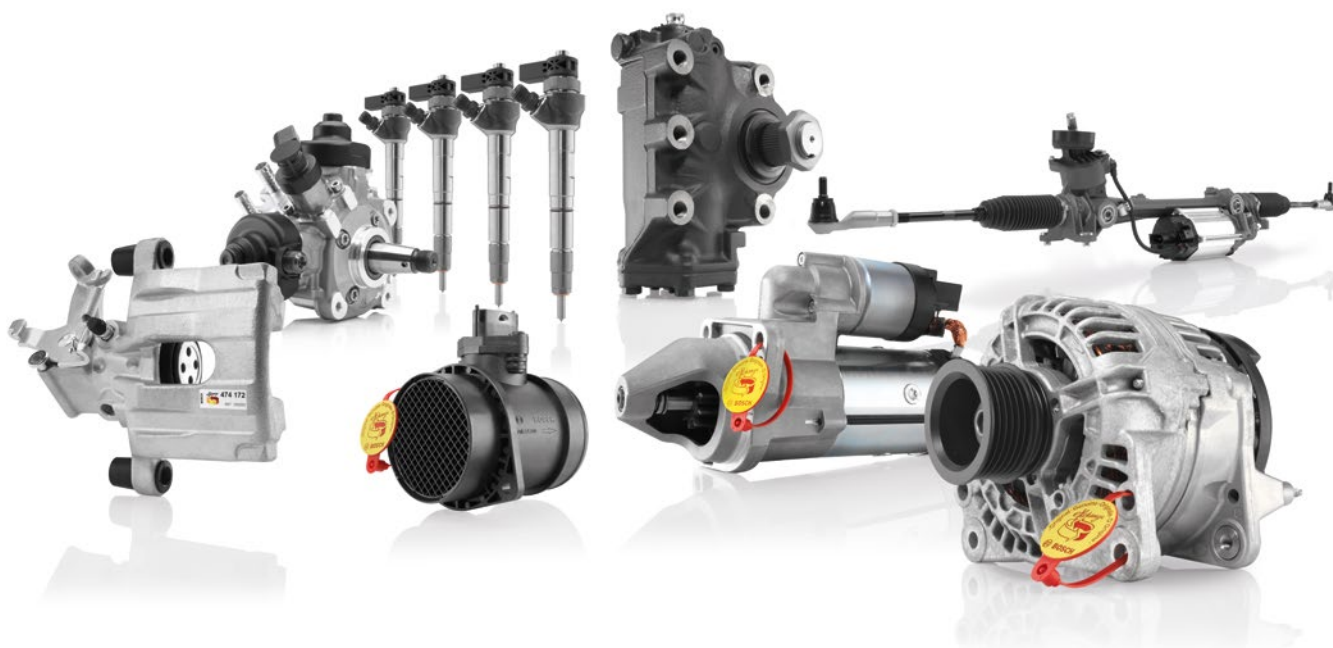
### Innovative technologies

Bosch is continuously promoting development in all areas of automotive technology. This also benefits Bosch eXchange because technological progress realized on original parts is also incorporated into the series-remanufacturing.

### Responsibility and sustainability

The reuse of products supports the sustainable use of natural resources. By returning old parts, workshops thus make an important contribution to the circular economy.

Same  
warranty as for  
the new parts  
program



# Bosch eXchange

## Product range



### Energy management

- ▶ Starters
- ▶ Alternators

### Diesel injection systems

- ▶ Common rail injectors and high-pressure pumps
- ▶ Unit injection systems
- ▶ Unit pump systems
- ▶ Distributor injection pumps
- ▶ Denoxtronic supply modules
- ▶ CP4 cylinder heads
- ▶ Nozzle holder assemblies
- ▶ Large engine injectors and high-pressure pumps
- ▶ PSG5/DMV for distributor pumps



### Steering systems

- ▶ Steering pumps
- ▶ Hydraulic steering systems
- ▶ Electric steering systems
- ▶ Working cylinders

### Brake calipers

- ▶ Universal range for all common passenger cars

### Motormanagement

- ▶ Hot-wire and hot-film air-mass meters
- ▶ Ignition distributors



### Bosch Electronic Service



The professional service for electronics in and around the vehicle

- ▶ uncomplicated processing
- ▶ reliable solutions
- ▶ fast service

[bosch-repair-service.com](http://bosch-repair-service.com)



### Did you know?

With the individual restoration service



## 1:1 REMAN

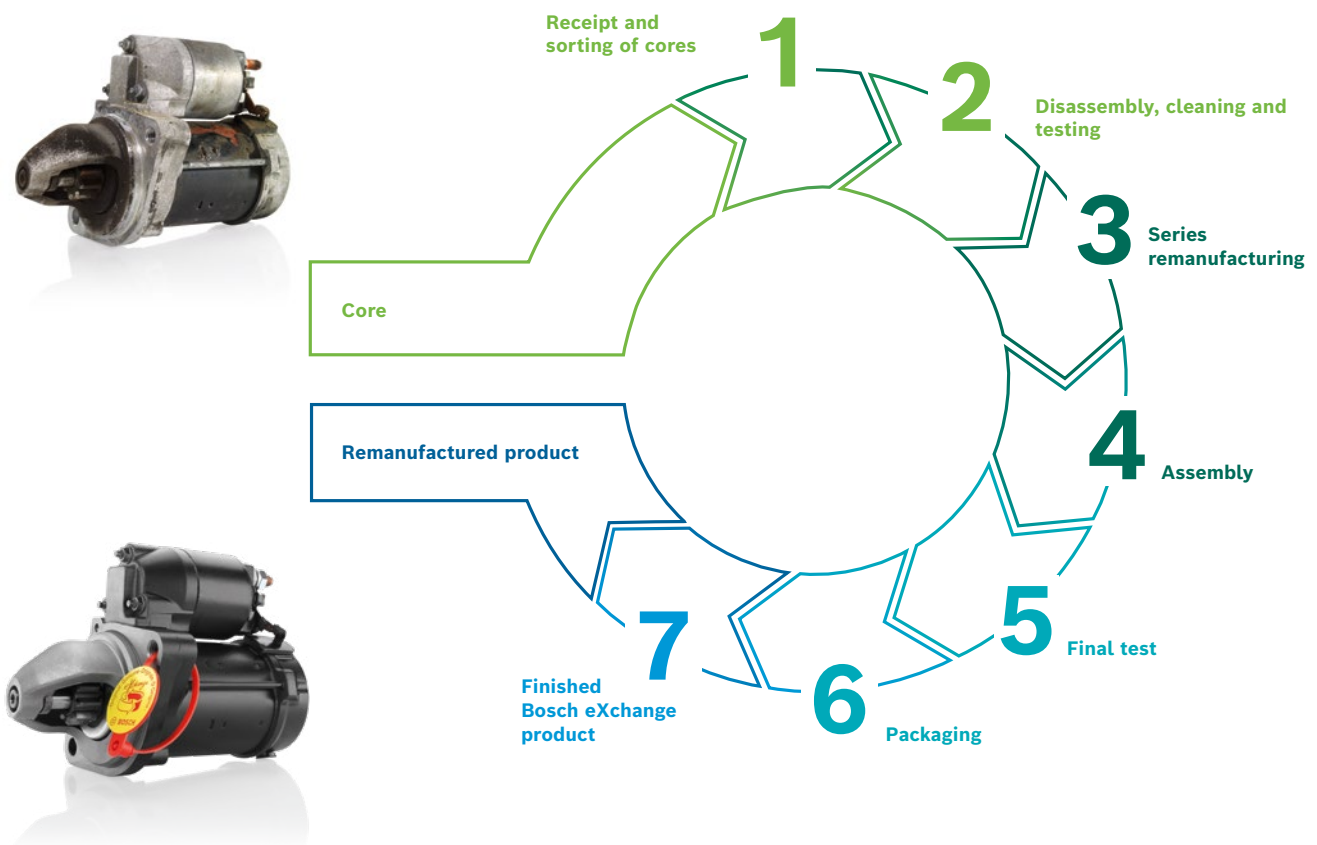
from Bosch Classic, selected classic car parts can be restored to preserve their value – with original tools and original testing technology.

[bosch-classic.com](http://bosch-classic.com)

# Bosch eXchange

## Series remanufacturing process

Tried, tested and documented procedures are used for each individual step in the Bosch series remanufacturing process in certified plants. A strict quality assurance system monitors the entire process. This means one thing above all: first-class quality.



- 1 Receipt and sorting of cores**
- ▶ Core return via CoremanNet
  - ▶ Accurate identification, sorting and analysis of cores
  - ▶ Protection of old parts by back-in-box process

- 2 Disassembly, cleaning and testing**
- ▶ Complete disassembly
  - ▶ Cleaning in accordance with environmental directives
  - ▶ Thorough testing of components based on original equipment standards

- 3 Series remanufacturing**
- ▶ Replacement of critical components and wear parts
  - ▶ Professional remanufacturing
  - ▶ Dimensional and functional test of all parts

- 4 Assembly**
- ▶ Unit assembly according to the latest original equipment standards

- 5 Final test**
- ▶ All functional and quality tests are performed to the same standards as for original equipment parts

- 6 Packaging**
- ▶ Sealed packaging as a mark of tested products and first-class quality

- 7 Finished Bosch eXchange product**
- ▶ Same quality standards and tests as for original parts and therefore the same warranty as for the new parts program



# Bosch eXchange

## Core return

Bosch eXchange relies on outstanding quality – both for exchange parts and for the core return. The CoremanNet core return service ensures trouble-free, easy and quick returning of cores – including transparent deposit value crediting.



### Customer-friendly core return and deposit value crediting

#### Back-in-box process

Safe return of the replaced part within the original packaging of the Bosch eXchange product supplied ensures deposit value crediting and allows quick core management easing the identification of the used part returned.

#### Clear deposit categories

Clear categorization with few deposit categories – directly when purchasing and returning.

#### Full transparency

Comprehensive overview of the core return options depending on both amount and value are provided in real time.

#### Complete deposit value crediting

If all criteria are met, 100% of the deposit is reimbursed.



### Easy core return via CoremanNet

Clear return criteria, quick pick-up and immediate deposit value crediting ensure trouble-free core returning.



[www.coremannet.com](http://www.coremannet.com)



### CoremanNet: return criteria

1. The core number is identifiable and part of the exchange range
2. The core corresponds to the minimum technical requirements:
  - ▶ complete
  - ▶ not dismantled
  - ▶ no mechanical damage
  - ▶ no heavy corrosion
3. The corresponding Bosch eXchange product was bought before. The acceptance is based on the core balance.



## Bosch eXchange – resource-saving and environmentally friendly

Bosch eXchange is not only a good choice when it comes to value-based repairs. The exchange program is also a real alternative in terms of protecting the environment and climate. By remanufacturing old parts, Bosch saved around 3,100 tons of different metals\* in 2019. This translates into a CO<sub>2</sub> equivalent (CO<sub>2</sub>e) of approximately 8,600 tons. This is roughly the amount that would have been generated by producing new metal parts from scratch.

It would take about

**680,000 beech trees** to absorb this volume of CO<sub>2</sub>e every year.

\*Own calculation, 2019

# What drives you, drives us.

Bosch technologies are used worldwide in almost all vehicles. People, and assuring their mobility, is what we are focused on.

Therefore, we have dedicated the last 130 years of pioneering spirit and expertise in research and manufacturing to achieving this.

We continue to work on our unique combination of solutions for spare parts, diagnostic devices, workshop equipment and services:

- ▶ Solutions for efficient vehicle repairs
- ▶ Innovative workshop equipment and software
- ▶ The world's most comprehensive range of new and replacement parts
- ▶ Large network of wholesale customers, for quick and reliable parts supply
- ▶ Competent hotline support
- ▶ Comprehensive educational and training offers
- ▶ Targeted sales and marketing support

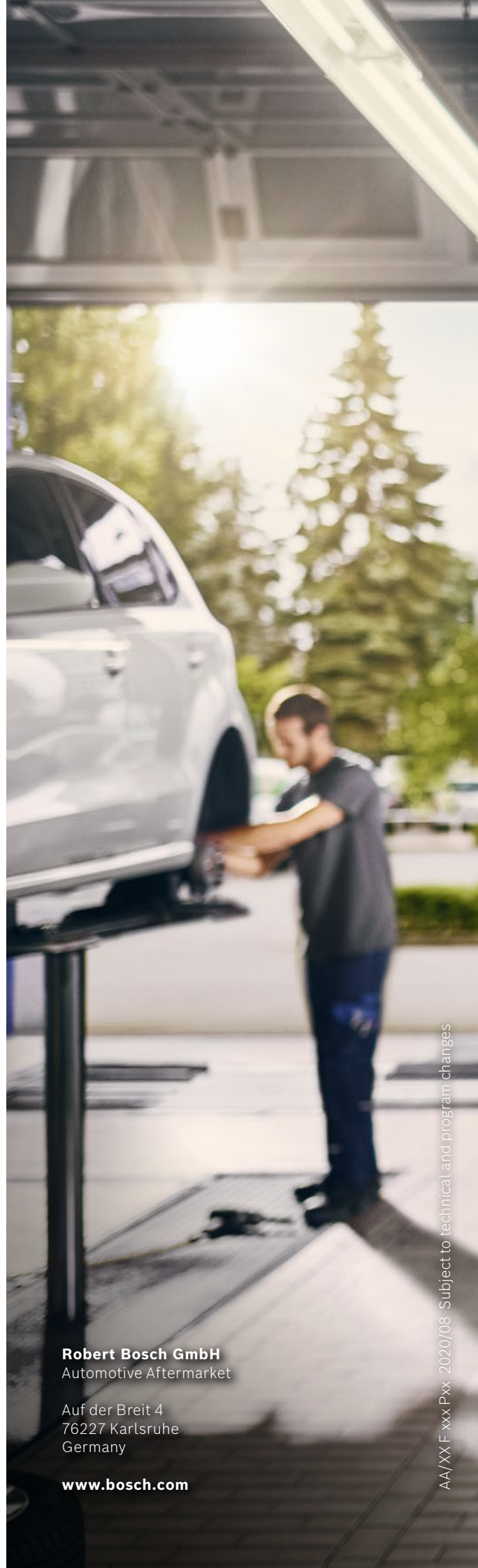
**Find out more at:**  
[boschaftermarket.com](https://boschaftermarket.com)

*Your local retailer:*

**Robert Bosch GmbH**  
Automotive Aftermarket

Auf der Breit 4  
76227 Karlsruhe  
Germany

[www.bosch.com](https://www.bosch.com)





# Bosch eXchange

## Product range



Energy management	Diesel injection systems	
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Steering systems	Brake calipers	Motormanagement
<ul style="list-style-type: none"> <li>▶ Steering pumps</li> <li>▶ Hydraulic steering systems</li> <li>▶ Electric steering systems</li> <li>▶ Working cylinders</li> </ul>	<ul style="list-style-type: none"> <li>▶ Universal range for all common passenger cars</li> </ul>	<ul style="list-style-type: none"> <li>▶ Hot-wire and hot-film air-mass meters</li> <li>▶ Ignition distributors</li> </ul>



### Did you know?

The comprehensive Bosch eXchange program comprises approx.

# 20

different product categories.



### Bosch eXchange



This logo easily identifies Bosch eXchange products. It highlights the uncompromising quality of Bosch eXchange products at first glance.