

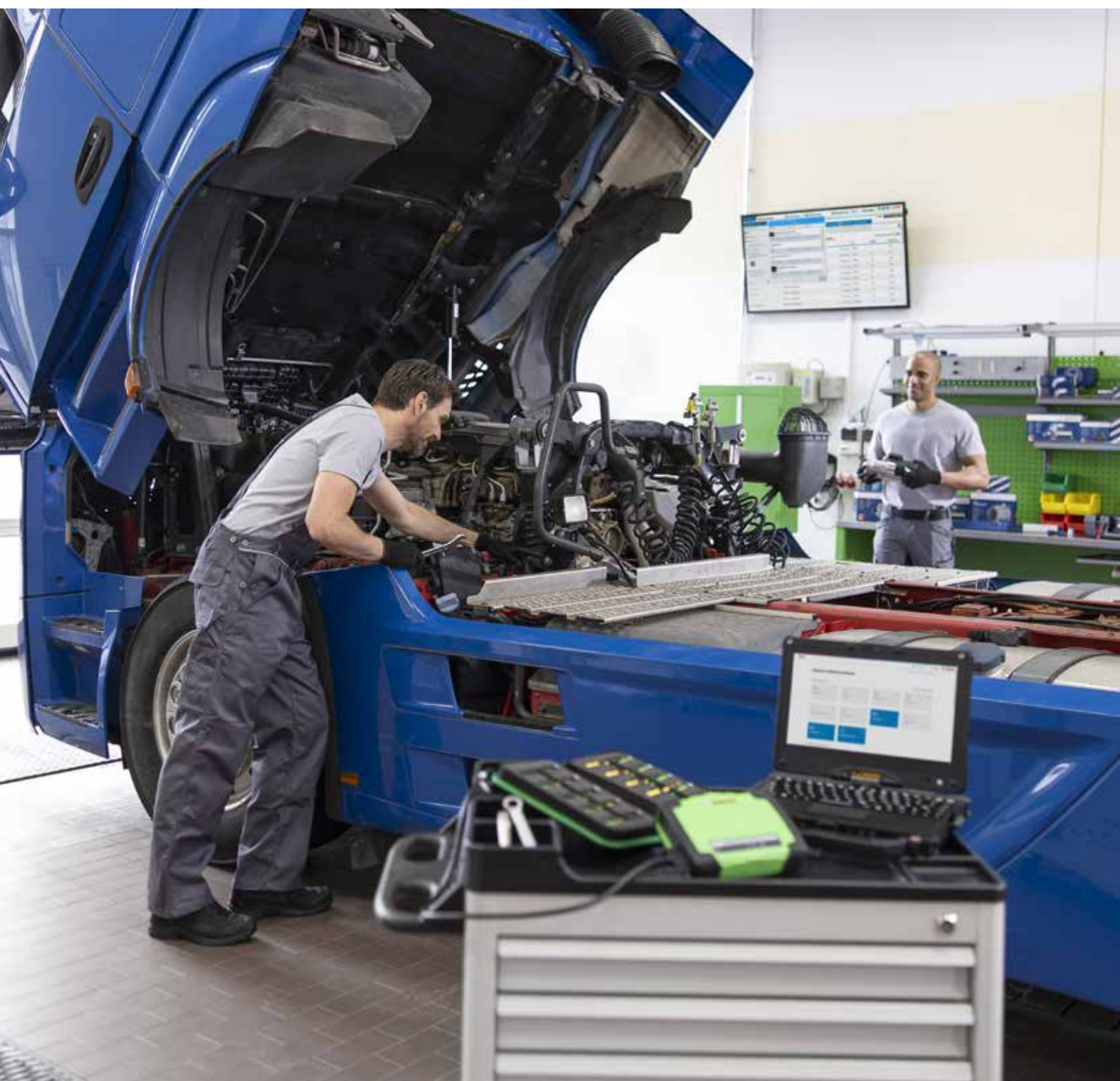
Invented for life



**BOSCH**

# Everything from a single source

Spare parts, test equipment and services for commercial vehicles



# Reliability and profitability along the way

## Reduced idle times, increased plannability



### Did you know?

Every year, around

# 7.1 million

trucks and buses with more than 3.5 tons of GVW drive on European roads.\*

\*European Automobile Manufacturers' Association (December 2023)

Today Paris, tomorrow already heading towards Barcelona. What sounds like an idyllic trucker lifestyle is rather a race against the clock. Everyone knows: trucks can only make money if they are out on the roads. Whoever wants to increase profitability doesn't make any compromises and relies on a partner, who gets vehicles back on the road quickly and for the long-term with a high-quality program.



#### Spare parts, test equipment and services for commercial vehicles

The workshop and retail range includes high-quality spare parts, diagnostics and workshop equipment as well as special training courses and a Technical Support. The diagnostic software ESI[tronic] Evolution covers more than 900,000 diagnostic trouble codes for commercial vehicles.



#### Global presence

Around 16,000 associates in 150 countries and an extensive dealer network reliably ensure target-oriented workshop support and local availability of the spare parts range.



#### Value-based solutions

Bosch eXchange provides a high-quality alternative for value-based repairs. The exchange products are treated according to the same standards as original parts and have to pass strict functional and quality tests. This ensures high quality and reliability at lower prices while still providing the same warranty as in the new parts program.



#### Competence and know-how

Bosch knows the technical requirements of commercial vehicles very well and offers innovative and reliable solutions within its aftermarket range.



# Spare parts, test equipment and services for commercial vehicles

Today's commercial vehicles have to meet extremely high demands in terms of reliability and profitability. Bosch therefore offers workshops a comprehensive range of high-quality spare parts as well as diagnostic solutions, workshop equipment and services. Workshops can rely on each spare part being geared to an excellent interaction with the commercial vehicle's remaining technical components.

## Energy management ●

Drive belts, batteries, starters, alternators

## Compressed-air systems ●

Filters, horns, fanfares

## Steering systems ●

Steering gears, steering pumps, working cylinders, attachment parts and accessories

## Vehicle electronics ●

Electrical motors, electric coolant pumps, solenoid valves, installation equipment, switches, relays

## Engine management ●

Diesel injection systems, sensors, filters

## Exhaust-gas treatment ●

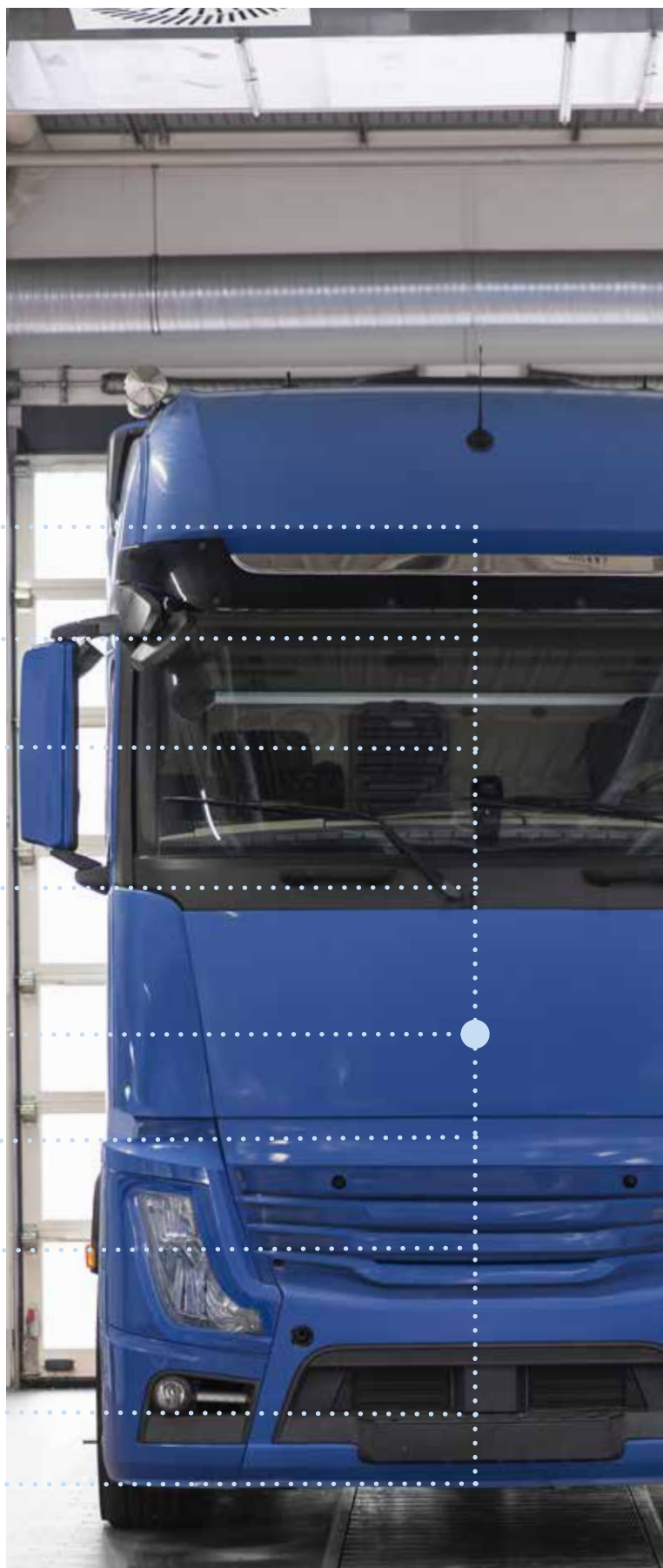
Exhaust-gas sensors, Denoxtronic, Departronic, filters

## Light & vision ●

Automotive bulbs, wiper blades

## Diagnostics & workshop equipment ●

## Services ●



# Service parts for commercial vehicles

## Product overview

For commercial vehicles, operational readiness and reliability matter most. Bosch therefore offers a comprehensive range of high-quality service parts for commercial vehicles.



### Drive belts

*V-belt, V-ribbed belt*

- long service life
- high reliability

### Batteries

*TA AGM batteries, TE EFB batteries, SLI batteries (T5, T4, T3)*

- reliable, even under extreme operating conditions
- leak-proof and powerful
- top starting performance, even for short-distance trips
- robust, maintenance-free and vibration-resistant

### Automotive bulbs

*Main headlight bulbs, miniature bulbs for outside and inside*

- for a safer and more relaxed journey
- robust design, long service life and high light output
- broad range

### Filters

*Diesel, oil, air, cabin and Denoxtronic filters, air dryer cartridges, oil mist separators, coolant and hydraulic filters*

- complete range from one single source
- competence in diesel injection systems and Denoxtronic
- more safety thanks to high product quality

### Horns and fanfares

*Compressed-air fanfares, supertone horns, reversing warning systems*

- long service life and robust design
- comprehensive range for 24 V applications

### Wiper blades

*Bosch Aerotwin, Bosch Twin*

- impeccable wiping performance for more safety
- long service life and silent wiping

# Technical parts for commercial vehicles

## Product overview

Bosch is an experienced developer of mobility solutions and trusted partner of the vehicle manufacturers. This special know-how also characterizes the range of high-quality technical spare parts from Bosch for commercial vehicles.



### Diesel systems

*Modern injection systems, conventional injection systems, exhaust-gas treatment*

- high market coverage for all types of commercial vehicles
- comprehensive diesel competence based on many years of experience as an OE supplier
- quick availability of customized repair solutions right from the vehicle's market launch

### Vehicle electronics

*Electrical motors, electric coolant pumps, solenoid valves, installation equipment, switches, relays*

- comprehensive product range for multiple application purposes
- high quality thanks to production in line with stringent quality guidelines
- long service life due to use of high-quality materials

### Starters & alternators

- high starting reliability even under extreme environmental conditions

- reliable power supply even for extreme requirements of the on-board electrical system
- high quality through stringent functional and quality testing

### Sensors

*Sensors for engine management and exhaust-gas treatment*

- reliable and precise thanks to quality tests based on original equipment standards
- robust design especially for the demanding conditions in the engine compartment and exhaust tract

### Steering systems

*Hydraulic steering gears, steering pumps, working cylinders, attachment parts and accessories*

- long service life thanks to the same production standards as for OE parts
- high availability of Bosch products quickly takes commercial vehicles back onto the roads
- reliable for a safe journey thanks to stringent functional and quality tests

# Bosch eXchange

## Value-based vehicle repairs

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



Commercial vehicle parts from Bosch are also available as **Bosch eXchange** parts

### Advantages at a glance

- **High quality and reliability:** Bosch eXchange products are tested to the same standards as original parts and have to pass stringent functional and quality tests
- **Outstanding price-performance ratio:** Up to 30% more affordable than comparable products in the Bosch new parts program, while still offering the same warranty
- **Resource-saving and environmentally friendly:** Bosch eXchange saves resources and makes an important contribution to the circular economy by reusing old parts





# Diagnosis, workshop equipment and services

## Overview

Professional repairs and servicing of the sophisticated systems of modern commercial vehicles require qualified diagnosis. Besides solutions for ECU diagnostics, Bosch also supplies additional compatible workshop equipment – everything from a single source.

[Modular control unit diagnosis from Bosch: Get commercial vehicles back on the roads quickly with ...](#)

- **the diagnostic software ESI[tronic] Evolution with package Truck** for reliable diagnosis, complete maintenance and efficient repair of all common light and heavy commercial vehicles in Europe, Asia as well as North and South America.
- **the KTS Truck as modular diagnostics unit** for getting started with Bosch commercial vehicle system diagnostics.
- **or the KTS 900 Truck as comprehensive solution for commercial vehicle diagnosis** consisting of KTS Truck and DCU 220 – unbeatable in teamwork with the ESI[tronic] Evolution.

### Technical Support

Bosch Technical Support provides commercial vehicle workshops with targeted and competent assistance for technical issues related to commercial vehicle repairs. Here, qualified experts give advice with an extensive vehicle brand, model and system coverage. Modern tools such as Visual Connect Pro also ensure a high level of efficiency for troubleshooting in the workshop.

### Service Training

Become an expert in diagnostics, maintenance and repairs on commercial vehicles – with professional training from Bosch for handling modern commercial vehicle technology: exhaust-gas treatment, diesel injection technology and diagnostics with ESI[tronic] Evolution and KTS 900 Truck.



### Bosch test equipment for commercial vehicles

- Diagnostic solution
- Vehicle system testing
- Emission analysis
- Battery service
- Air conditioning service
- Diesel component testing

# Services to help workshops

The technologies used in modern commercial vehicles are ever more sophisticated as the vehicles are becoming increasingly efficient, connected and safer. This results in increasing demands placed on their maintenance and repair. Bosch supports workshops with a comprehensive portfolio of services allowing workshops to provide their customers with optimum customer care and to keep the downtimes of vehicles as short as possible.

## **Alltrucks – professional service featuring multi-brand expertise**

The common brand of the leading automotive and commercial vehicle suppliers Bosch, Knorr-Bremse and ZF offers commercial vehicle workshops multi-brand expertise in diagnosis, servicing, maintenance and repairs. Alltrucks supports commercial vehicle workshops in Europe to expand their expertise in servicing and repairs and develop their business in this area.

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

## **The Bosch diesel repair network**

Bosch Diesel workshops are part of the diesel workshop network of Bosch, the world's leading supplier of modern diesel technology with years of know-how in development and original equipment. These workshops offer repair and servicing for all vehicle brands and models – from heavy commercial vehicles and vans to the most modern passenger cars.

## **Find out more at:**

[boschaftermarket.com](http://boschaftermarket.com)

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