



BOSCH

Invented for life

Driven by

RELIABILITY

Everything from a single source

Commercial vehicle parts,
diagnostics and workshop services

Reliability and profitability along the way

Reduced idle times, increased planning certainty



Did you know?

Every year, some

13.4 million

commercial vehicles with more than 6 tons of GVW circulate on European roads – covering an annual overall distance of some 145,000 km in long-haul traffic.

Today Paris, tomorrow already heading towards Barcelona. Where asphalt glows in midday heat today, the rising sun will make frosty roads glow in half a year. 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 excellent Bosch quality.



Commercial vehicle parts, diagnostics and workshop services

The workshop and retail range includes high-quality spare parts, diagnostics and workshop equipment. The diagnostic software ESI[tronic] Truck covers 90 % of the European commercial vehicle market and works with diagnostic tester Bosch KTS Truck.



Global presence

More than 17,000 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. During this industrial remanufacturing process, replacement parts are subject to the same standards as at the production of new ones and to the same functional and quality tests. This ensures high quality and a long service life with the same warranty as for new parts.



Competence and know-how

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

Commercial vehicle parts, diagnostics and workshop services

Today's commercial vehicles have to meet extremely high demands in terms of reliability and profitability. This affects work at workshops as well. Bosch therefore offers workshops a comprehensive range of high-quality spare parts as well as diagnostic solutions, workshop equipment and services. At the same time, the workshops also benefit from Bosch competence based on decades of experience as an original equipment supplier. They can rely on each spare part being geared to an excellent interaction with the commercial vehicle's remaining technical components.

ENERGY MANAGEMENT

- BATTERIES
- STARTERS
- ALTERNATORS

LIGHT & VISION

- AUTOMOTIVE BULBS
- UNIVERSAL LAMPS
- WIPER BLADES

STEERING SYSTEMS

VEHICLE ELECTRONICS

- ELECTRICAL MOTORS
- WATER PUMPS
- SOLENOID VALVES
- INSTALLATION EQUIPMENT
- SWITCHES
- RELAYS

EXHAUST-GAS TREATMENT

- EXHAUST-GAS SENSORS
- DENOXTRONIC
- DEPARTRONIC
- LAMBDA SENSORS
- FILTERS

ENGINE MANAGEMENT

- DIESEL INJECTION SYSTEMS
- SENSORS
- FILTERS

COMPRESSED-AIR SYSTEMS

- FILTERS
- HORNS
- FANFARES

DIAGNOSTICS & WORKSHOP EQUIPMENT

Service parts for commercial vehicles

Product overview

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



Batteries

TE EFB batteries, SLI batteries (T5, T4, T3)

- ▶ Reliability, even under extreme operating conditions
- ▶ Leak-proof, powerful and temperature-resistant
- ▶ Top starting performance, even for short-distance trips
- ▶ Robust, maintenance-free and vibration-resistant

Automotive bulbs and universal lamps

Automotive bulbs, auxiliary lamps, flood and spot lamps, rotating beacons

- ▶ For a safe and relaxing journey
- ▶ Robust design, long service life and high light output
- ▶ Broad range

Filters

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

- ▶ Complete range from a single source
- ▶ Competence in diesel injection systems and Denoxtronic
- ▶ Safety thanks to excellent 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

Lambda sensors

- ▶ Reliable measurement throughout the entire long service life
- ▶ Efficient emission control
- ▶ Quick and easy installation

Wiper blades

Bosch Aerotwin, Bosch Twin

- ▶ Impeccable wiping performance and excellent cleaning
- ▶ Low-noise operation
- ▶ Long service life thanks to a wear-resistant wiper blade edge

Technical parts for commercial vehicles

Product overview

Bosch is an important developer of mobility solutions and partner of the vehicle manufacturers. This special know-how is also reflected at the high-quality Bosch spare-parts range 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 customised repair solutions right from the vehicle's market launch

Vehicle electronics

Electrical motors, water 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

Steering systems

Hydraulic steering systems, steering pumps, attachment parts and accessories

- ▶ Long service life thanks to production in line with current standards
- ▶ High availability of Bosch products quickly takes commercial vehicles back onto the roads
- ▶ Reliability for a safe journey thanks to stringent functional and quality tests

Sensors

Air-mass, throttle-valve, pressure, knocking, crankshaft, camshaft and temperature sensors

- ▶ A large variety of powertrain sensors
- ▶ Specifically developed micromechanical sensor elements for accurate measurements
- ▶ Very robust, specifically for the extreme conditions inside the engine compartment

Starters & alternators

- ▶ High starting reliability even under extreme environmental conditions
- ▶ Reliable power supply even for extreme requirements of the on-board electrical system
- ▶ Long service life due to high-quality components and same production and test conditions as for original equipment parts

Bosch eXchange

Value-based vehicle repair

Value-based repairs are in higher demand than ever before – and not only for older commercial vehicles. But how can this demand be met without compromising the quality? The answer is Bosch eXchange. The comprehensive range of series-remanufactured products makes commercial vehicle repairs a success factor for automotive workshops.



Bosch commercial vehicle parts are also available as Bosch eXchange parts

Advantages at a glance

- ▶ Excellent quality: Bosch series remanufacturing is subject to the same production standards as the production of new parts
- ▶ High reliability: Bosch eXchange products are subject to stringent functional and quality tests
- ▶ Outstanding price-performance ratio: up to 30 % cheaper than comparable new parts which includes the same warranty
- ▶ Long service life: replacement of 100 % of all critical components and wear parts as well as professional remanufacturing of all other components



Diagnosics, workshop equipment and services

Overview

Everyday commercial vehicle workshop life: Mechanical repairs have evolved into diagnosis of connected systems and target-oriented replacement of high-quality components. Professional repairs and servicing of the sophisticated systems of modern commercial vehicles require qualified diagnosis. Besides ECU diagnostics, Bosch also supplies additional workshop equipment – everything from a single source.

The core of vehicle diagnosis:
Mobile diagnostic system KTS 900 Truck

- ▶ **Ready-to-use and workshop-oriented ECU diagnostics** including DCU 220, mobile KTS Truck module and workshop software ESI[tronic] Truck
- ▶ **Easy to switch** between tablet and notebook operation
- ▶ **Two lithium-ion batteries** for the mobile use of DCU 220 at the workshop or on the roadside
- ▶ **Robust housing** with 11.6" touch screen
- ▶ **Integrated camera** for the documentation of damages on the vehicle and of required spare parts



Bosch test equipment for commercial vehicles

- ▶ ECU diagnostics with workshop software ESI[tronic] Truck
- ▶ 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, cleaner in terms of emissions 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.

The Bosch workshop concepts for diesel service:

- ▶ Bosch Diesel Centre are expert diesel system specialists offering diagnostics, maintenance, component repair and replacement for all systems and vehicles on the market
- ▶ Bosch Diesel Service are specialists for repairing diesel injection components

Your local retailer:

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