

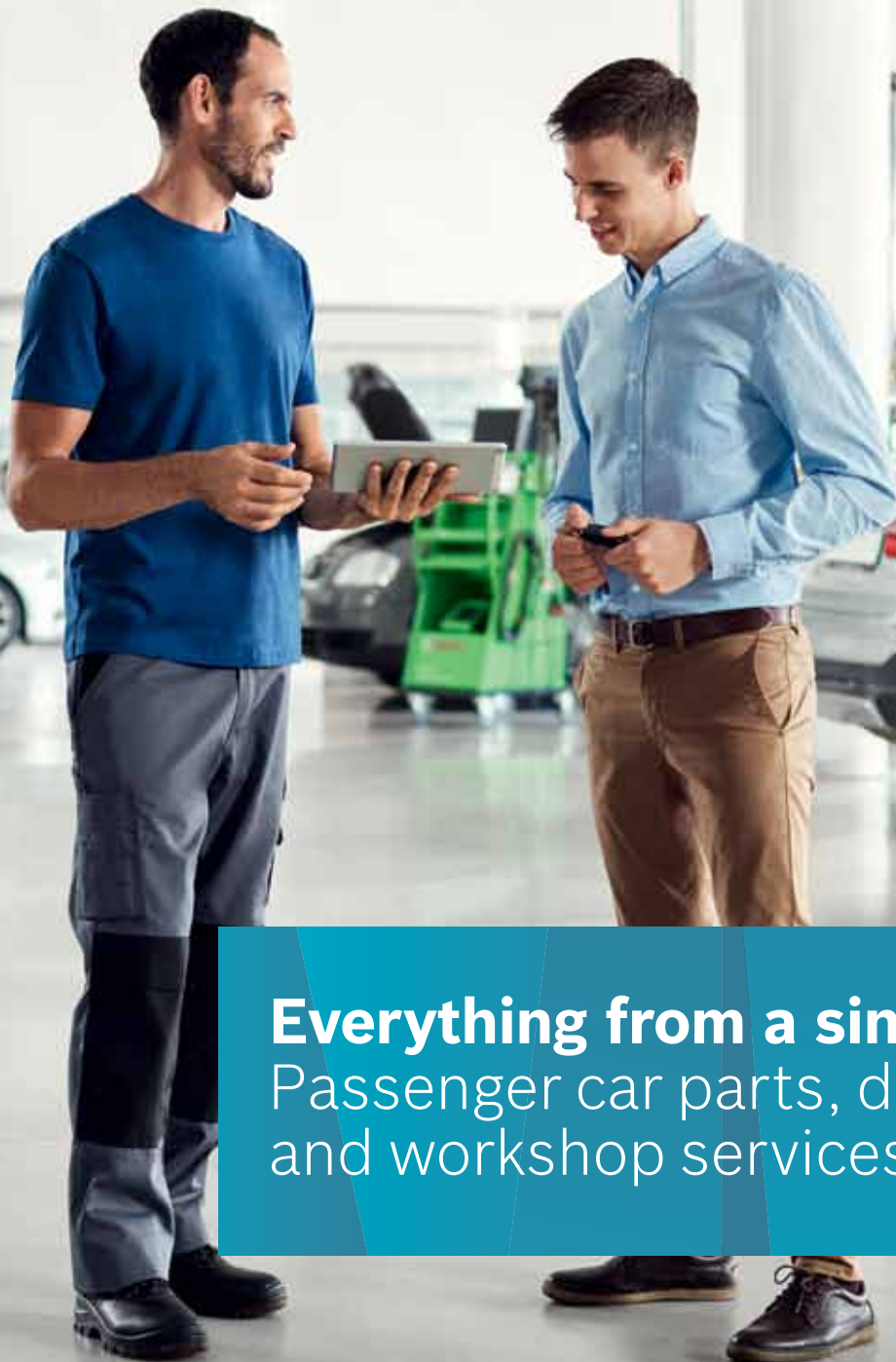


BOSCH

Invented for life

Driven by

ALLROUNDERS



Everything from a single source
Passenger car parts, diagnostics
and workshop services

Satisfied customers thanks to quality service

Passenger car repair that ensures a safe arrival



Whether on the way to work, out of pure enthusiasm for cars or for travelling to the long desired holiday destination – having your own vehicle makes independence and driving for pleasure possible. However, drivers must also be able to rely on the technology in the vehicle. For satisfied customers, workshops therefore rely on Bosch's proven quality.



Passenger car parts, diagnostics and workshop services

The workshop and retail range includes high-quality spare parts, diagnostics and workshop equipment as well as special training courses and a technical hotline. Bosch thus offers a complete package to make it easier for workshops to install and remove spare parts.



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 vehicles very well and offers innovative and reliable solutions within its after-market range.



Did you know?

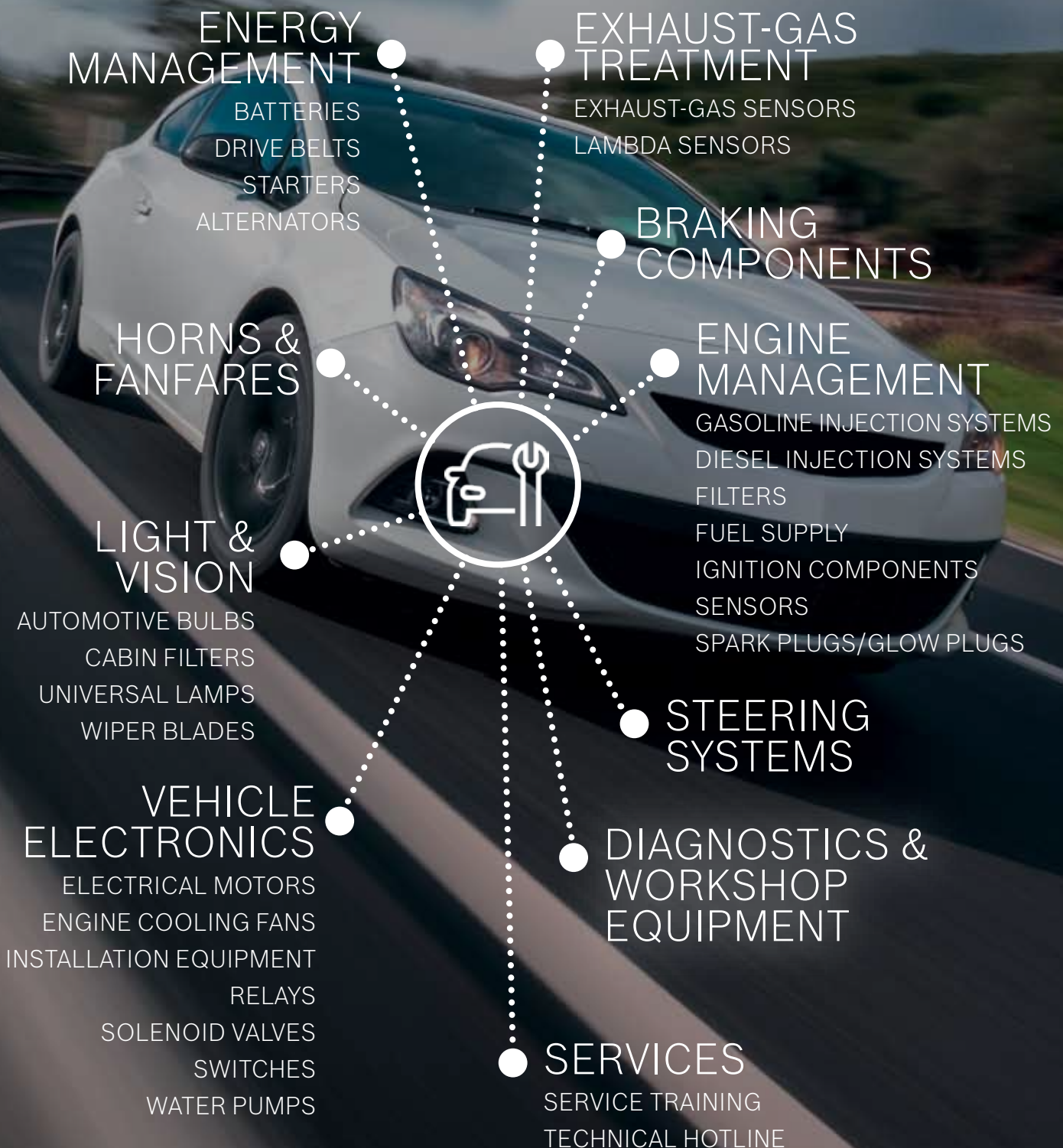
Experts expect the number of registered passenger cars worldwide to grow to

1.3 billion

by 2020 – 300 million more than in 2010, when the billion mark was crossed for the first time.

Passenger car parts, diagnostics and workshop services

Bosch offers workshops a comprehensive range of high-quality spare parts as well as diagnostic solutions, workshop equipment and services. At the same time, workshops benefit from Bosch competence based on decades of experience as an original equipment supplier. This means that each part convinces with its high quality and is excellently matched to the interaction with the other technical components in the vehicle.



Service parts

Product overview

Workshop customers expect their vehicle to function reliably when it comes out of service. Bosch therefore offers workshops a comprehensive range of high-quality service parts for maintenance.



Automotive bulbs and universal lamps

Automotive bulbs, auxiliary lamps, rotating beacons

- ▶ For a safe and relaxing journey
- ▶ Long service life and high light output
- ▶ Broad range

Batteries

AGM batteries (S5 A), EFB batteries (S4 E), SLI batteries (S5, S4, S3)

- ▶ Leak-proof and powerful
- ▶ Top starting performance, even for short-distance trips
- ▶ Reliable, even under extreme operating conditions

Braking components

Brake discs, brake pads, brake fluids and accessories

- ▶ Long service life and corrosion-protected
- ▶ Tight production tolerances
- ▶ Development and production according to Bosch quality guidelines all over the world

Drive belts

Toothed belts, V-belts, Ribbed V-belts, Drive belt kits

- ▶ Long service life
- ▶ High reliability

Filters

Fuel, oil, air and cabin filters

- ▶ Complete range from a single source
- ▶ Competence in injection systems
- ▶ Safety thanks to excellent product quality

Horns and fanfares

Electropneumatic and compressor type fanfare horns, normal tone, supertone and megatone horns

- ▶ Long service life and robust design
- ▶ Excellent sound, high quality

Lambda sensors

Lambda and particle sensors

- ▶ Reliable measurement
- ▶ Efficient emission control
- ▶ Quick and easy installation

Spark plugs/glow plugs

- ▶ The right spark plug/glow plug for practically any engine
- ▶ High quality thanks to innovative technologies
- ▶ Designed for high performance

Wiper blades

Bosch Aerotwin, Bosch Twin

- ▶ Impeccable wiping performance for more safety
- ▶ Long service life, silent wiping
- ▶ Quick and easy installation

Technical spare parts

Product overview

Bosch is an experienced developer of vehicle components and an important original equipment supplier. This special know-how also characterizes the range of high-quality technical spare parts.



Gasoline and Diesel injection systems

Manifold fuel injection systems, direct injection systems, common rail systems, conventional injection systems

- ▶ High market coverage for almost all brands
- ▶ Comprehensive injection systems competence based on many years of experience as an OE supplier
- ▶ Quick availability of customized repair solutions right from the vehicle's market launch

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

- ▶ Comprehensive product range for a large number of passenger cars, which is constantly updated and further developed
- ▶ Innovative products that support fuel and CO₂ saving powertrain systems

- ▶ Long service life due to high-quality materials as well as production and test conditions as for original equipment parts

Steering systems

Hydraulic steering systems, steering pumps, electric steering systems

- ▶ Long service life thanks to the same production standards as for OE parts
- ▶ Comprehensive support for disassembly, assembly and putting into operation
- ▶ Reliable for a safe journey thanks to stringent functional and quality tests

Vehicle electronics

Electrical motors, water pumps, solenoid valves, engine cooling fans, 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

Bosch eXchange

Value-based vehicle repair



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? The answer is Bosch eXchange. The comprehensive range of series remanufactured products makes vehicle repairs a success factor for automotive workshops.



Bosch eXchange



Bosch passenger car parts are also available as **Bosch eXchange** parts

Advantages at a glance

- ▶ **Excellent quality:** Bosch series remanufacturing is subject to the 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 critical components and wear parts as well as professional remanufacturing of all other components

Workshop solutions for the future

Diagnostics, workshop equipment and services

For comprehensive and professional service on modern vehicles, Bosch offers perfectly coordinated diagnostic solutions, test equipment, spare parts and services from a single source.

Diagnostic solutions

Bosch's globally proven, future-proof control unit diagnosis offers suitable solutions for maintenance, diagnosis and repair in any workshop – easily, quickly and efficiently.

ESI[tronic], KTS and DCU accompany and support troubleshooting and repairs. Online maintenance and circuit diagrams, all important diagnostic functions, repair and troubleshooting instructions, manuals, vehicle data and experience-based repair cases (EBR) for over 150 brands provide comprehensive data for the workshop.

Workshop equipment

Equipped with innovative technologies, Bosch workshop products enable fast, easy and accurate maintenance, testing and adjustment of different vehicle systems.

Modern software solutions – such as Bosch Connected Repair – ensure that the customer, vehicle, fault and repair information required in the workshop is always on hand and up-to-date.

Services and workshop concepts

From technical hotlines and training courses to workshop concepts, Bosch offers technical support and services from industry experts.

The expertise of trainers with industry experience is available to workshop employees in Bosch training centers specially designed for practical training.

www.bosch-workshop-world.com



Efficient Bosch workshop solutions

- ▶ Diagnostic Solutions ESI[tronic]/KTS/DCU
- ▶ Battery Service BAT
- ▶ Diesel Component Testing EPS/DCI
- ▶ Emission Analysis BEA
- ▶ Vehicle System Testing FSA
- ▶ Advanced Driver Assistance Systems Calibration DAS
- ▶ Air Conditioning Service ACS

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 125 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:
www.boschaftermarket.com

Your local retailer:



Robert Bosch GmbH
Automotive Aftermarket

Auf der Breit 4
D-76227 Karlsruhe
Germany

www.bosch.com