



BOSCH

Invented for life

Driven by

POSSIBILITIES

**Modular Diagnostic Solutions
for Fast Repairs**

ECU Diagnosis for Commercial Vehicles

The right diagnostic device for every workshop

The modular Bosch diagnostic test devices for commercial vehicles and off-highway machinery allow workshops to put their customers back on the road quickly. With the easy to upgrade entry-level solution KTS Truck or the future-proof all-in-one solution KTS 900 Truck, workshops can perform diagnostic and maintenance tasks on nearly all common electronic systems. The ESI[tronic] 2.0 diagnostic software with the packages Truck, Agricultural vehicles (OHV 1), Construction vehicles and engines (OHV 2) provides all necessary functions and information.



ESI[tronic] 2.0

Packages Truck, Agricultural vehicles,
Construction vehicles and engines

Comprehensive diagnostic software for commercial vehicles, trailers and busses as well as agricultural vehicles, construction vehicles and engines.

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KTS Truck

Bosch's entry-level diagnostic tester for commercial vehicle diagnosis (in conjunction with DCU 220 or any common computer)

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Thanks to Bosch KTS Truck, ESI[tronic] 2.0 and vehicle-specific adapters, workshops benefit from nearly unlimited flexibility and a reliable diagnostic solution for any type of commercial vehicle.



KTS 900 Truck

The comprehensive solution for commercial vehicle diagnosis, consisting of KTS Truck and DCU 220

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ESI[tronic] 2.0

Package Truck:

The intelligent diagnostic software ESI[tronic] 2.0 with package Truck from Bosch supports workshops in reliable diagnosis, complete maintenance and efficient repair of all common light and heavy commercial vehicles, trailers, transporters and buses in Europe, Asia and North and South America. In addition to the ECU diagnosis, the software also contains technical information such as wiring diagrams, service and repair instructions as well as system information for a wide range of vehicles.

ESI[tronic] for trucks, transporters, trailers and buses:



Vehicle information: The software includes important basic information on commercial vehicles, e.g. model series, output, engine designation and axle configuration, thereby forming the basis for in-depth diagnosis at the commercial vehicle workshop



Diagnosis: The software reads out diagnostic trouble codes, providing an option to delete them, and it selects actual values, enables actuators, resets service intervals and teaches in components



Diagrams: The intuitive user guidance with dynamic component description makes the system quick and easy to use



Maintenance: Semi-annual and annual inspections with additional check points can be accessed at any time



Technical data: Component details with default values, output voltages, characteristic curves, etc. assist in troubleshooting



Parts catalog: Access to the full parts catalog of Bosch and ZF Services, including service information and assembly instructions for the brands Sachs, Lemförder, Boge and ZF Parts



ESI[tronic] 2.0

Packages

Off-Highway:

The diagnostic software ESI[tronic] 2.0 with the packages for Agricultural machines (OHW 1) as well as Construction machines and engines (OHW 2) from Bosch provides workshops with information about the diagnosis, maintenance and repair of vehicles used in agriculture, as well as construction vehicles and engines. Licenses can be used in conjunction with a Truck license but may also be used independently.



ESI[tronic] 2.0 for Agricultural machines as well as Construction machines and engines:



Strong base: The structure of the diagnostic software is based on the user-friendly ESI[tronic] 2.0. This system is enhanced by the packages OHW 1 and OHW 2 which add content specific to agricultural machinery, construction machines and engines. The structure in vehicle information, diagnostics, diagrams, maintenance, technical data as well as access to the parts catalog is also available in the diagnostic software ESI[tronic] 2.0 for Off-Highway vehicles.



Additional information: For engines, the packages OHW 1 and OHW 2 provide setting and parameterization functions as well as diagnosis of hydraulic systems. In addition, the diagnostic software offers technical details about the installation and removal of components.



Compatibility: ESI[tronic] 2.0 for Off-Highway vehicles works only with KTS Truck modules from the second generation (from April 2013). It can be used with a Bosch DCU 220 or any other common laptop or PC.



Flexibility: ESI[tronic] 2.0 OHW comes in two versions. These can be licensed separately or in combination as needed.





ESI[tronic] 2.0 with the packages for Trucks and Off-Highway vehicles covers around 450 brands.

KTS Truck – the entry-level solution for workshops:

KTS Truck is a modular diagnostic device serving as an entry point into Bosch commercial vehicle diagnostics. Connected to the DCU 220 or any other common computer via USB or Bluetooth, the KTS Truck facilitates comprehensive diagnosis, troubleshooting, fault searches and solutions and provides maintenance and service schedules for workshops. For this, it needs to be combined with the diagnostic software ESI[tronic] 2.0 with packages for commercial vehicles.



Order number

0 684 400 512



KTS Truck

- ▶ KTS Truck module for light and heavy commercial vehicles, trailers, transporters and buses as well as agricultural and construction machinery and engines
- ▶ Clear communication via multiplexer and cable adapter identification: K- and L-Line, SAE and CAN switchable to any terminal of the OBD connector
- ▶ Integrated long-range Bluetooth module for high flexibility in the workshop
- ▶ Bluetooth USB adapter for the connection to the Bosch DCU 220 or a computer
- ▶ Rugged housing suitable for workshop use





KTS 900 Truck – the comprehensive solution for commercial vehicle diagnostics:

The mobile comprehensive solution Bosch KTS 900 Truck comprises the universal KTS Truck module and the flexible Diagnostic Control Unit DCU 220 as well as the diagnostic software ESI[tronic] 2.0 with the packages Truck, OHW 1 and OHW 2, which are available separately. With this equipment, workshops are set up to effectively diagnose light and heavy commercial vehicles, buses as well as agricultural and construction machinery and engines.

The rugged Convertible-PC DCU 220 is a notebook and tablet in one and can be used flexibly and anywhere. Thanks to its easy handling, the rugged housing with an 11.6" touchscreen, an integrated camera and its long runtime ensured by two lithium ion batteries, the DCU 220 makes workshops future-proof for control unit diagnosis. Bosch Connected Repair allows this diagnostic solution to be connected to further diagnostic devices to speed up workshop procedures.



Order number

0 684 400 904

**Bosch
Connected
Repair**



KTS 900 Truck

- ▶ Mobility through integrated powerful radio technology
- ▶ The adapter concept "Easy Connect" with its approx. 90 vehicle-specific adapters and three cable sets (available separately) simplifies the connection to different brands and models and saves time
- ▶ DCU 220 with rugged housing and 11.6" touchscreen for easy and intuitive operation
- ▶ Highly flexible thanks to dual use as tablet or computer
- ▶ Handy: an integrated camera for the documentation of vehicle details and recording of necessary spare parts

Easy Connect – adapters matching the different commercial vehicles

“Easy Connect” significantly simplifies the connection of the KTS Truck diagnostic module to the vehicle. KTS Truck can be directly connected to the OBD socket via “Easy Connect”. Thanks to vehicle-specific adapter lines, the device can be connected to vehicles without an OBD socket just as easily. The adapters are non-interchangeable to enhance efficiency. Adapters are developed further in accordance with the vehicles covered by the diagnostic software. Thanks to the modular “Easy Connect” concept, workshops are set up for the future.

Case with vehicle-specific adapters (for Trucks)

for easy, fast and non-interchangeable connections.



Order number

Cable set case for trucks

1 687 001 944



Order number

Cable set for trailers

1 687 001 945



Order number

Cable set for buses

1 687 001 946

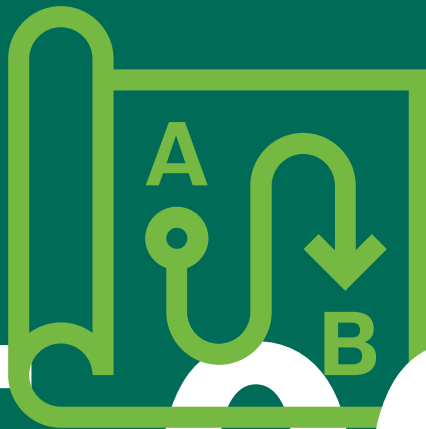
On more than
70,000
electronic commercial
vehicle systems, Bosch
facilitates the maintenance
and repair



More than
90
vehicle-specific adapters
for about 450 vehicle
brands are available for
KTS Truck



More than
45,000



diagrams provided in ESI[tronic] 2.0 with
packages Truck, Agricultural machines,
Construction machines and engines support
the workshops in their repair work



More than
600,000
diagnostic trouble codes are covered
by the ESI[tronic] 2.0 by diagnostic
software and the packages for
commercial vehicles

What drives you, drives us

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

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

We provide the aftermarket and workshops worldwide with modern diagnostic and workshop equipment and a wide range of spare parts for passenger cars and commercial vehicles:

- ▶ Solutions for efficient and effective vehicle repairs
- ▶ Innovative workshop equipment and software
- ▶ One of the world's most comprehensive ranges of new and exchange parts
- ▶ Large network of wholesale customers, for quick and reliable parts supply
- ▶ Competent technical support
- ▶ Comprehensive educational and training offers
- ▶ Targeted sales and marketing support

Find out more at:
boschaftermarket.com

Robert Bosch GmbH
Automotive Aftermarket

Auf der Breit 4
76227 Karlsruhe
Germany