



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 Truck & DCU 220 workshops can perform diagnostic and maintenance tasks on nearly all common electronic systems. The ESI[tronic] 2.0 diagnostic software with the infotypes Truck and Off-Highway (OHW) provides all necessary functions and information.



ESI[tronic] 2.0

Infotypes Truck, OHW 1, OHW 2

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

p.04

KTS Truck

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

p.06





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 Truck & DCU 220

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

p.07



ESI[tronic] 2.0

Truck:

The intelligent diagnostic software ESI[tronic] 2.0 Infotype Truck from Bosch supports workshops in reliable diagnosis, complete maintenance and efficient repair of all common light and heavy commercial vehicles, trailers 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] 2.0 Truck

Quick and easy system diagnosis of common light and heavy commercial vehicles



Truck - order number:

1 987 P12 401 (12 month licence)
1 987 P12 402 (3 year licence)



Truck Upgrade - order number:

1 987 P12 139 (12 month licence)
1 987 P12 140 (3 year licence)

ESI[tronic] 2.0 infotype Truck at a glance:



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

Off-Highway:

The diagnostic software ESI[tronic] 2.0 Off-Highway 1 and 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 for ESI[tronic] 2.0 OHW 1 and OHW 2 can be used in conjunction with an ESI[tronic] 2.0 Truck license but may also be used independently.



Order number

ESI[tronic] 2.0

Agricultural machinery (OHW 1)

1 987 P12 261 (12 month licence)

1 987 P12 263 (3 year licence)

ESI[tronic] 2.0

Construction machines and engines (OHW 2)

1 987 P12 279 (12 month licence)

1 987 P12 280 (3 year licence)



ESI[tronic] 2.0 infotype Off-Highway (OHW) at a glance:



Strong base: The structure of the diagnostic software is based on the user-friendly ESI[tronic] 2.0 Truck for commercial vehicles. This system is amended by the licenses ESI[tronic] 2.0 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 Off-Highway.



Additional information: For engines, infotypes 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 OHW works only with all 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.

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 device, in combination with the software ESI[tronic] 2.0 infotype Truck facilitates comprehensive diagnosis, troubleshooting, fault searches and solutions and provides maintenance and service schedules for workshops.



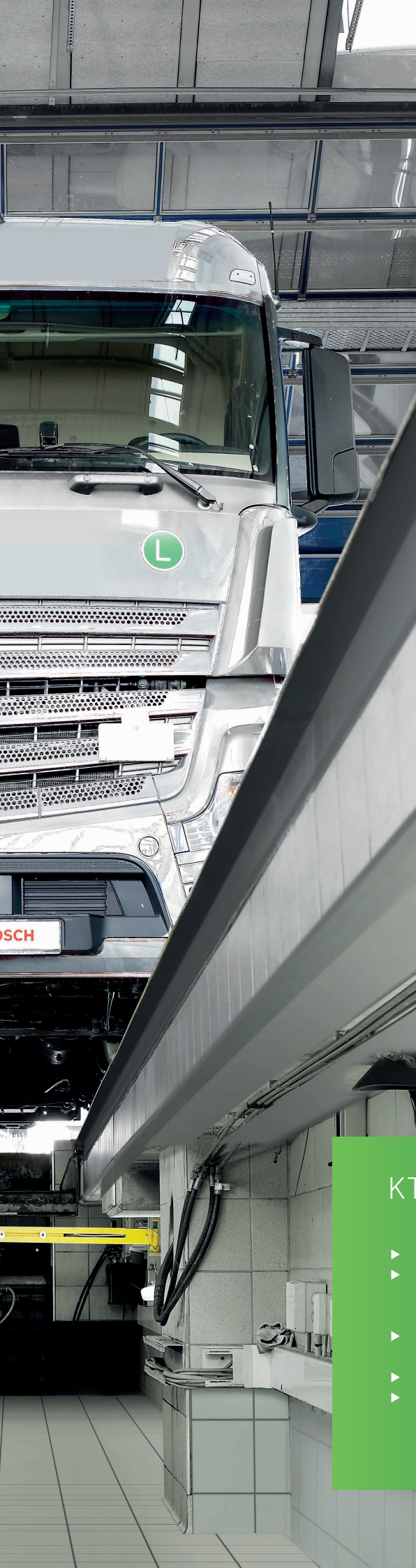
Order number
0 684 400 512



KTS Truck

- ▶ KTS Truck module for light and heavy commercial vehicles, trailers, 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





Combine KTS Truck with DCU 220

the comprehensive solution for commercial vehicle diagnostics:

The mobile comprehensive solution from Bosch comprises the universal KTS Truck module and the flexible Diagnostic Control Unit DCU 220 as well as the diagnostic software ESI[tronic] 2.0 Infotype Truck and/or OHW, 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.

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

KTS Truck : 0 684 400 512

DCU 220: 0 684 400 232 (SEU)

Bosch
Connected
Repair



KTS Truck & DCU 220

- ▶ 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 easy, fast and non-interchangeable connections.



Order number

Cable set case for trucks: 1 687 001 944

Cable set case for trailers: 1 687 001 945

Cable set case for buses: 1 687 001 946

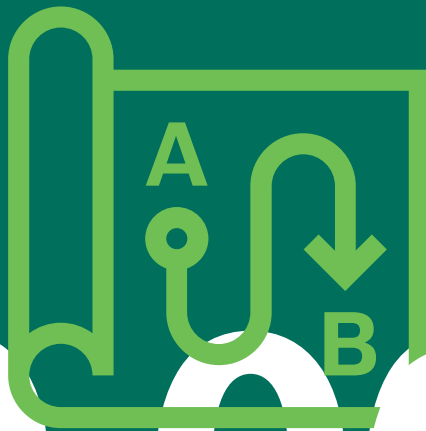
On more than
70,000
electronic vehicle systems,
KTS Truck and ESI[tronic] 2.0
Truck facilitate the maintenance
and repair



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



More than
40,000



diagrams provided in ESI[tronic] 2.0
Truck support the workshops in their
repair work



More than
500,000
diagnostic trouble codes are
covered by the ESI[tronic] 2.0
Truck diagnostic software

Cables for trucks, trailers, buses, agriculture & large engines



Cable	Part number
Volvo	1 684 463 770
OBD Adapter Iveco 3 pin	1 684 463 771
Mercedes Benz	1 684 463 772
Renault	1 684 463 773
Iveco 30 pin	1 684 463 774
MAN TG Series	1 684 463 775
ISO 9141 diagnostic DAF	1 684 463 776
MAN 2000 Series 37 pin	1 684 463 777
Haldex ABS Modal	1 684 463 778
Haldex ABS Modular	1 684 463 779
Trailer ABS / EBS, Wabco , Knorr-Bremse	1 684 463 780
Haldex EB+	1 684 463 781
ISO 7638 Trailer	1 684 463 782
Volvo Bus ECS	1 684 463 783
Volvo Bus ABS	1 684 463 784
ZF Ecomat-I, 2 Mate N-lock, 3 & 6 pin	1 684 463 785
OBD adapter Iveco Daily, MB Vito	1 684 463 786
VW	1 684 463 787
Deutsch 6 pin	1 684 463 944
Deutsch 9 pin	1 684 465 814
UniAdapter, universal cable for multipin usage	1 684 463 792
ISO 9141 diagnostic Scania and Wabco systems	1 684 463 793
Battery clips to DC Input	1 684 463 800
Cigarette lighter to DC Input	1 684 463 801
ZF Ecomat-4 Mate N-lock, 9 pin	1 684 463 891
ZF EcoLife, mini USB	1 684 463 892
ZF EcoLife, 9 pin MCP	1 684 463 893
OBD cable	1 684 465 611
Knorr KB4-TA	1 684 465 785
PLC Trailer ABS	1 684 465 786
Thermo King	1 684 465 787
Haldex EB+, 3rd Gen	1 684 465 788
Wabco ATC	1 684 465 789
Knorr-Bremse ABS 6	1 684 465 790
Solbus ECAS CAN	1 684 465 792
Serial COM RS232	1 684 465 793
Switch CNH Deutsch 9 pin	1 684 465 815
SAE J1939 Back bone	1 684 465 816
Steyr 3 pin	1 684 465 817
Steyr 6 pin	1 684 465 818

Cables for trucks, trailers, buses, agriculture & large engines



Cable	Part number
Deutz Engine	1 684 465 820
SDF Group	1 684 465 821
CAT, Perkins, John Deere Construction	1 684 465 822
Fendt	1 684 465 823
Switch New Holland	1 684 465 824
New Holland TN Series	1 684 465 825
Volvo Construction, 24 pin	1 684 465 826
Volvo Penta Diesel 6 pin	1 684 465 827
Volvo Penta Diesel 8 pin	1 684 465 828
MTU	1 684 465 829
Massey Ferguson	1 684 465 830
Sisu and John Deere engines Sub D 9/3 pin	1 684 465 831
Claas, Renault 4 pin	1 684 465 832
Carraro, Sub D 9/3 pin	1 684 465 834
Landini	1 684 465 835
Valtra 8 pin	1 684 465 836
Valtra 16 pin	1 684 465 837
Bosch Rexroth	1 684 465 838
Kubota	1 684 465 839
Power Supply – Agricultural vehicles converter from COBO to lighter	1 684 465 840
Carrier	1 684 465 851
GMC Chevrolet CAN Single Wire	1 684 465 852
Claas, Renault 14 pin	1 684 465 853
FPT Deutz, 19 pin	1 684 465 854
Claas Combine and Xerion Series 7 pin	1 684 465 855
Claas Combine and Xerion Series 8 pin	1 684 465 856
RS232 Scania Engine	1 684 465 857
CAN Scania Engine, 4 pin	1 684 465 858
Caterpillar	1 684 465 859
Hitachi	1 684 465 860
Komatsu	1 684 465 861
MTU 10 pin	1 684 465 862
CAN resistor adapter	1 684 465 863
CNH CE 9 pin, FPT Engine	1 684 465 870
Yanmar	1 684 465 871
Bobcat	1 684 465 872
Bosch Rexroth	1 684 465 873
Hidromek	1 684 465 874
Liebherr	1 684 465 875

Driven by efficiency

Technology from Bosch is used in practically every vehicle in the world. For us, the focus is on people and helping them to stay mobile.

We have been dedicated to people for more than 125 years with our pioneering spirit, research, production and expertise.

For them, we continue to work on our combination of solutions for spare parts, diagnostic devices, workshop equipment and services:

- ▶ Solutions for efficient vehicle repairs
- ▶ Innovative workshop equipment and software
- ▶ One of the world's largest selections of new and exchange parts
- ▶ Large dealership network for quick and reliable parts supply
- ▶ Competent support via hotline
- ▶ Comprehensive educational and training offerings
- ▶ Targeted sales and marketing support

Learn more now:

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

What drives you
drives us

Subject to technical and software changes UK-2KTS2019Q1

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