



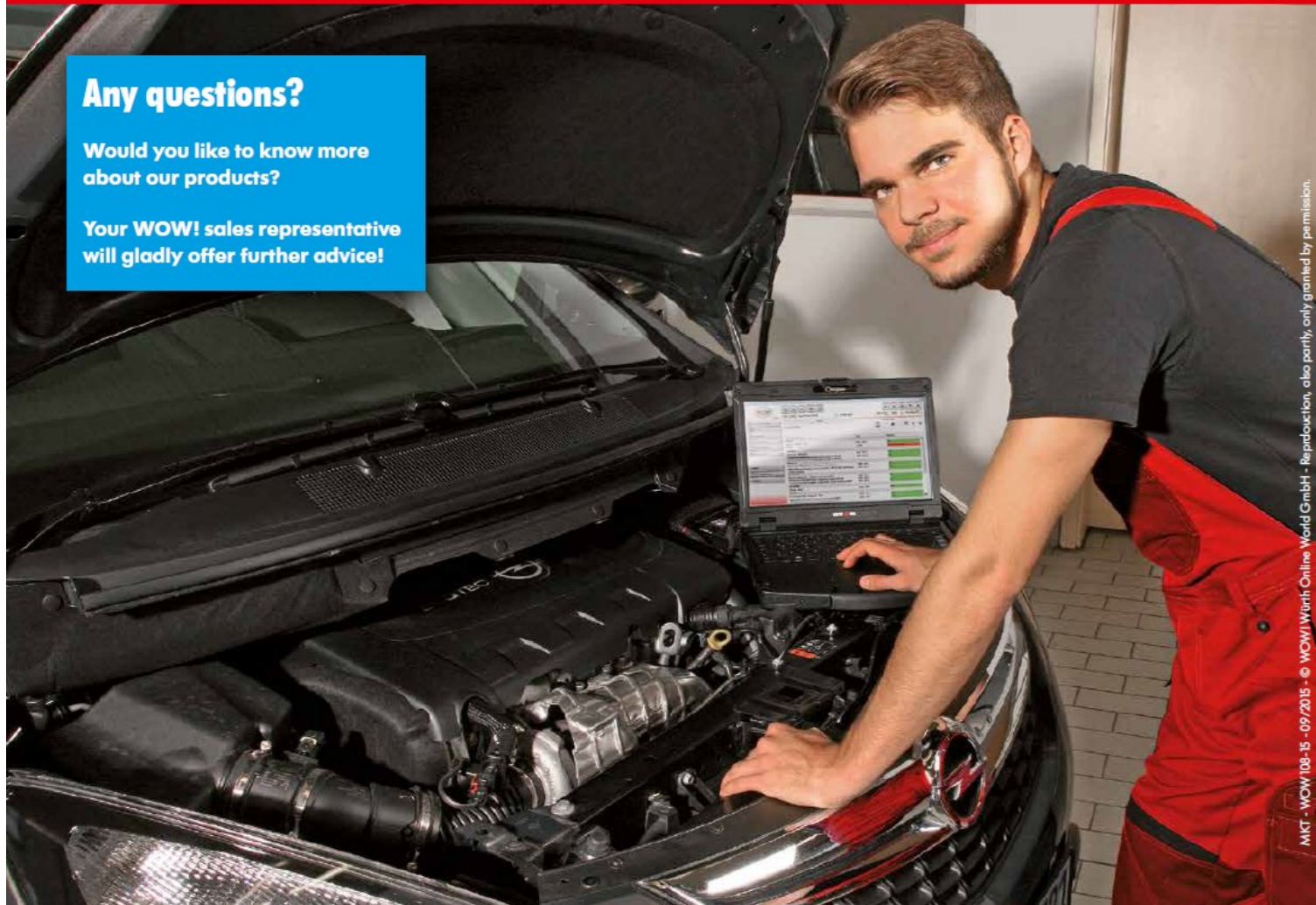
The right solution for every challenge

Software modules for your workshop use

Any questions?

Would you like to know more about our products?

Your WOW! sales representative will gladly offer further advice!



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The right solution for every challenge

Software modules for your workshop use

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MEMBER OF THE
WÜRTH GROUP

WOW! Diagnosis – the solution for vehicle diagnosis, troubleshooting and repairs

The workshop-friendly and intuitive operating concept of WOW! diagnosis offers multiple possibilities and a wide range of clever and convincing functions.

Our diagnostic software puts the focus on your needs and requirements. Ease of use and a clear user interface come as standard at WOW!.



WHY WOW!?

✓ Our system is unique on the market in terms of price/performance ratio.

✓ Automatic vehicle selection via VIN recognition – Connect the OBD tool Snooper+ to the vehicle and get started. Vehicle selection is performed automatically, quickly and reliably.

✓ Functions easily found via Power Search for time-saving and efficient working.

✓ Our modular structure adapts perfectly to your needs.

✓ Our technical hotline is pleased to answer any questions you may have about our products.

✓ Our comfort functions offer you a wide range of applications, save time and prove our innovative strength.

See for yourself the full range of functions of our diagnosis.

We are not satisfied with plain old ECU diagnosis, but instead offer the ideal combination between diagnosis, technical data and labour value to enable you to work efficiently.

DIAGNOSIS

Diagnostic Systems
Cars / Vans



Diagnostic system iQ 500

Art.-No. W072 500 021



Robust partner

The iQ 500 diagnostic system is fast, robust and mobile. The combination of the Snooper+ diagnostic interface and the semi-rugged high-power laptop guarantees comfortable workshop-suited working.

Diagnosis

Equipment features

Diagnostic system iQ 500 consisting of:

- Semi-ruggedised (robust and workshop-compatible) laptop with large display (optionally available with convenient docking station)
- Wireless Snooper+ diagnostic interface with Bluetooth connection
- WOW! diagnostic software set up ready for use "Start & Go"

Semi-ruggedised laptop with convincing functions

- Workshop-compatible and robust
 - Drop- (75 cm), shock- and vibration-resistant to MIL standard 810G
 - Dust- and spray-water-protected to protection class IP53
 - Sturdy magnesium alloy housing with rubber-coated handle
 - Illuminated waterproof keyboard and keys
 - Sunlight-readable monitor for clear display in every environment
- Fast and convenient working:
 - Integrated WLAN / LAN for convenient wireless online updates
 - Superfast Intel Core i5 processor
 - SSD hard disk not susceptible to shocks (no moving parts); fast and easily exchangeable
 - Large main memory
 - Integrated high-resolution camera (1.3 mega pixels)
 - High-power battery (exchangeable) for over 6 hours of wireless working
- Integrated DVD drive

Wireless Snooper+ diagnostic interface

- For mobile and reliable multiple-marque diagnosis
- For technical data and equipment features, see description of the Snooper+ interface on page 21

Minimise loss of data

- Rapid system recovery in just 15 minutes thanks to a WOW! recovery system with automatic data backup

Technical data	
Display	15.6" HD TFT LCD display with 1,366 x 768 resolution
Operating system	Windows 7
Hard disk	SSD
Main memory (RAM)	4 GB
Interfaces	Laptop: 2x USB 3.0, 2x USB 2.0, SD card slot, PCMCIA card slot, HDMI, VGA, RS-232 (serial port), microphone, headphones, LAN, WLAN
LED display	Power on/off, radio link, hard disk activity, lock button, number button, battery status
Protection class	IP 53 spray-water- and dust-protected

Scope of delivery

Designation	
Semi-rugged laptop 500	
Snooper+ diagnostic interface with Bluetooth connection	
USB cable (3 m)	
Power pack	
iQ 500 manual	
Snooper+ manual	
Preinstalled WOW! diagnostic software	
Familiarisation for first-time users	

Docking station

Art.-No. W043 600 051

With charging function and multiple connection possibilities. Pleasant working thanks to adjustable height.

Interfaces:

- 2x USB 2.0
- HDMI
- LAN
- RS-232 (serial port)



The WOW! diagnostic software WSD 300 (Art.-No. W015 000 007) is required for operational diagnosis



Diagnostic system iQ 150



The perfect connection

The iQ 150 is the combination of the Snooper+ with the tablet PC 150 – the ideal communication partner.

The system for service-oriented vehicle diagnosis, troubleshooting and repair.

Equipment features

- Complete diagnostic system, consisting of tablet PC 150 and Snooper+ diagnostic interface
- Wireless communication with diagnostic interface via Bluetooth (alternatively via USB possible)
- 128 GB SSD hard disk – no moving parts, therefore impact- and heat-resistant
- Rotatable and tiltable, touch-sensitive monitor, meaning that the iQ 150 can be used as a notebook with keyboard but also as a tablet PC with touch screen
- Integrated, rotatable web camera, permits the documentation of service situations
- SD card reader, for easy exchange of data (e.g. camera)
- VGA and HDMI interface for connecting a second monitor
- Reinforced high-power battery provides up to 6 hours of wireless working
- LAN and WLAN on Board make possible work unlimited by location
- Integrated speakers
- Sturdy, rubber-coated housing – splash-proof for workshop-compatible use
- Hand strap for secure, ergonomic working and secure transportation
- Rapid system recovery in just 15 minutes thanks to a WOW! recovery system with automatic data backup
- Supplied in a system case with manual and software DVD
- Incl. preinstalled PDF printer

Technical data	
Supply voltage / power pack	20 V / 2 A
Operating system	Windows 8.1 (64 bit)
Main memory (RAM)	4 GB
Power supply	Li-ion battery pack 7.4 V, 7800 mAh
Display	TFT touch screen
Display resolution	1,366 x 768
Display size	10.1"
Hard disk	128 GB SSD
Input	Keyboard & touch screen (pen & finger input possible)
Interfaces	2x USB, 1x SD card reader, LAN, WLAN, VGA, HDMI, microphone, headphones, Bluetooth

Scope of delivery

Designation	
Tablet PC 150	
Snooper+ diagnostic interface with Bluetooth connection	
iQ 150 manual	
Snooper+ manual	
USB recovery stick	
System case	
WOW! Diagnostic Software	
Familiarisation for first-time users	



Rotatable monitor for use as a touch screen or with keyboard

The iQ 150

- ✓ Complete range of diagnostic functions
- ✓ Convenient operation by either keyboard or touch screen
- ✓ Wireless, lightweight and mobile
- ✓ Set up ready for use "Start & Go"

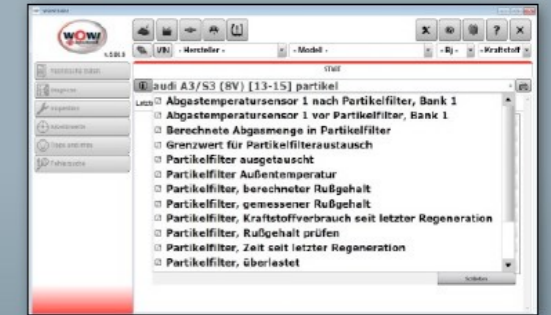
The WOW! diagnostic software WSD 300 (Art.-No. W015 000 007) is required for operational diagnosis

Our comfort functions Impressive highlights

Intuitive Power Search

Swift and easy searching by entering key words such as vehicle model or components and functions.

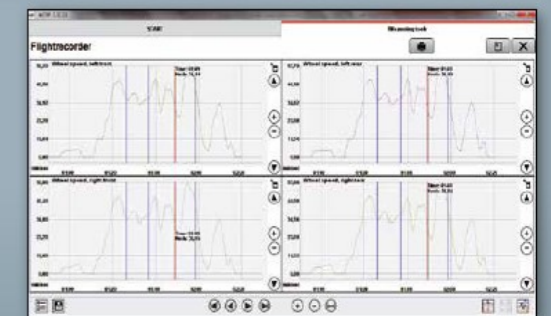
It saves you time. When you enter terms in the central Power Search window, the systems searches for these terms in all databases and areas of the diagnostic software and the search results are clearly displayed.



Clever flight recorder (off-board-diagnosis)

With the flight recorder you record all the required data lists of the affected system during the test drive.

- With a standard diagnostic unit without a concrete initial suspicion troubleshooting is a matter of luck or quickly becomes very cost-intensive.
- Convert the Snooper+ diagnostic unit into your specific vehicle and system tester. You determine the parameters to be read out during the test drive.
- The test drives can be conducted by just one person.
- The data can then be analysed as much as you like, even without the vehicle (off-board diagnosis).



Ideal Vario-Scan

Scanning all systems at the touch of a button has become a standard feature. The WOW! software offers adapted versions for different areas of application, regardless of whether this involves service reception, inspection, overall check or Quick-Scan.

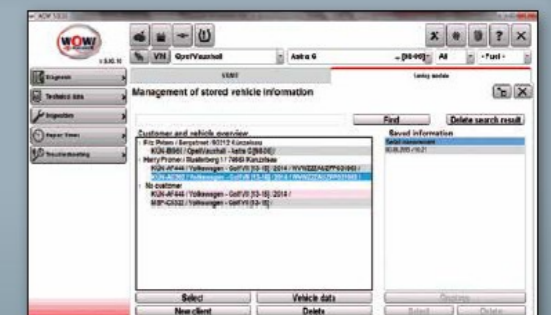
- With the System-Scan the vehicle is already scanned for subsequent processing after 2-4 minutes.
- NEW: the Power-Scan is CAN-Bus based and recognizes the logged in CAN-Bus systems.
- All faults can be deleted across the system at the touch of a button.



Comprehensive iQ memory module

As well as performing the classic job of managing the customer data, the memory module holds centrally all the diagnostic data including test records, flight recorder data, etc.

- Easy identification of customer and vehicle data by means of quick keyword input.
- Time saved through the use of already available information and data, e.g. during vehicle selection.
- Customer satisfaction generated by professionalism because all the documented data can be retrieved at the touch of a button.



Our vehicle diagnosis Problem solver and profit generator



Keep up to date with a maximum number of vehicles and the latest functions for even more comfort and speed in vehicle diagnosis. Keep pace with future hardware and software developments. Your keys to these are regular updates with the WSD 300 diagnostic software module.



WSD 300 diagnostic module

Art. No. W015 000 007

Module for diagnostic function and vehicle data updates.

Extract from the performance description:

Your access to

- Online updates as often and whenever you want them
- Constant updating of the vehicle database to the latest models
- Continuous development on older models (60% of the data per update relate to vehicles which are 5 years or older)
- The latest and best functions for
 - faster vehicle selection and diagnosis
 - more intelligent linking of information
 - even more comfortable diagnosis

This ensures that in future your WOW! system will remain the perfect tool for

- Read/delete fault codes
- Actuator test
- ECU coding
- Programming / calibrating components
- Service resetting
- and much more

All options are developed for you so that you have the best WOW! diagnostic system available at all times.

The diagnostic report can be printed out fast and easily at any time for documentation and to provide the basis for an ongoing dialogue with the customer.

Function example: Data lists (also in the flight recorder)



Find sporadic faults quickly: Graphic display of data lists for a clear depiction of the signal shape (e.g. to find sporadically occurring faults). The benefit to you: select and put together data lists individually.

Take advantage of our Premium service!

Our WSD 300 offers more than just data and functions. The following Premium services are included:

- Remote control applications for product questions – "as if our technician was sitting in front of your PC"
- Replacement service for device components
- Online access system „GoOnline“ – direct contact with the hotline

These supplementary services save you valuable time.

DIAGNOSIS

Diagnostic Systems
Cars / Vans



Snooper+

Art.-No. W072 700 100



The Snooper+ multiple-brand diagnostic interface is the "sniffer dog nose" for vehicle diagnosis and the heart of the WOW! application – mobile and reliable.

Equipment features

- Clever flight recorder for mobile data recording
 - Logging of real time data
 - Evaluation of the recorded data record on the PC
 - No additional hardware required
- Internal protected Bluetooth aerial (on-board, BT 2.1 + EDR, range 30 m)
- Visual and acoustic feedback on the current processes provides reliability for an optimal diagnostic procedure
- Rubber-coated housing for secure handling also provides a secure grip on smooth surfaces
- Robust for workshop use thanks to protected USB port, Micro-SD, memory card (2 GB) and card reader
- Professional retaining bracket – can be turned through 350° – with rubber-coated surface
- 16-pin connector with integrated LED light to make it easier to find the diagnosis socket in the dark vehicle footwell
- Voltage monitoring of the vehicle battery by multicolour LED directly on the Snooper+ and display in the diagnosis mask/screen
- Support of all diagnosis variants by multiplexer use guarantees fully automatic location of the required pins (analog in, 5 volts out):
 - 2 x HS CAN (ISO 11898-2), SW CAN (SAE J2411), K/L (ISO 9141-2), VPW (J1850), PWM (J1850), RS485 (J1708), TTL and SPI, (analog in, 5 volts out)
- Older adapter cables (vehicle-specific) can be connected to the 16-pin CARB connector (see adapter cables on PP. 26/27)

Technical data	
Supported PC infrastructure	Voltage supply: 6-36 V Max. current consumption 500 mA Temperature range: -20°C - 70°C Pentium 4 and higher, min. 1.7 GHz, Windows 8.1, SP3, Windows Vista, Windows 7 (32 and 64 bit), 2 GB free hard disk space, 1 GB main memory or higher, DVD drive, internet connection
Connection to PC	USB 2.0 type B (compatible also 1.0) or Bluetooth
Bluetooth	2.1 + EDR (Enhanced Data Rate – up to 2.1 Mbit/s, supports Secure Simple Pairing), range up to 30 metres
Power supply	6 – 36 V, protected against polarity reversal, max. current consumption 500 mA
Cable length	1600 mm
Diagnostic connector	ISO 15031-3 (SAE J1962)
Dimensions; weight	180 x 85 x 30 mm; 480 g
Conformity	CE (2004/108/CE), RoHS (2002/95/EC)

Scope of delivery

Designation
Snooper+ with Bluetooth connection
USB cable for firmware transmission
WOW! Diagnostic Software
Quick start guide

The Snooper+

- ✓ Flight recorder for mobile data recording
- ✓ Rubber-coated surface for secure handling
- ✓ Visual feedback on processes by colour LEDs
- ✓ Many further functions

Independently exchangeable: Snooper+ replacement cable

Art.-No. W071 200 634

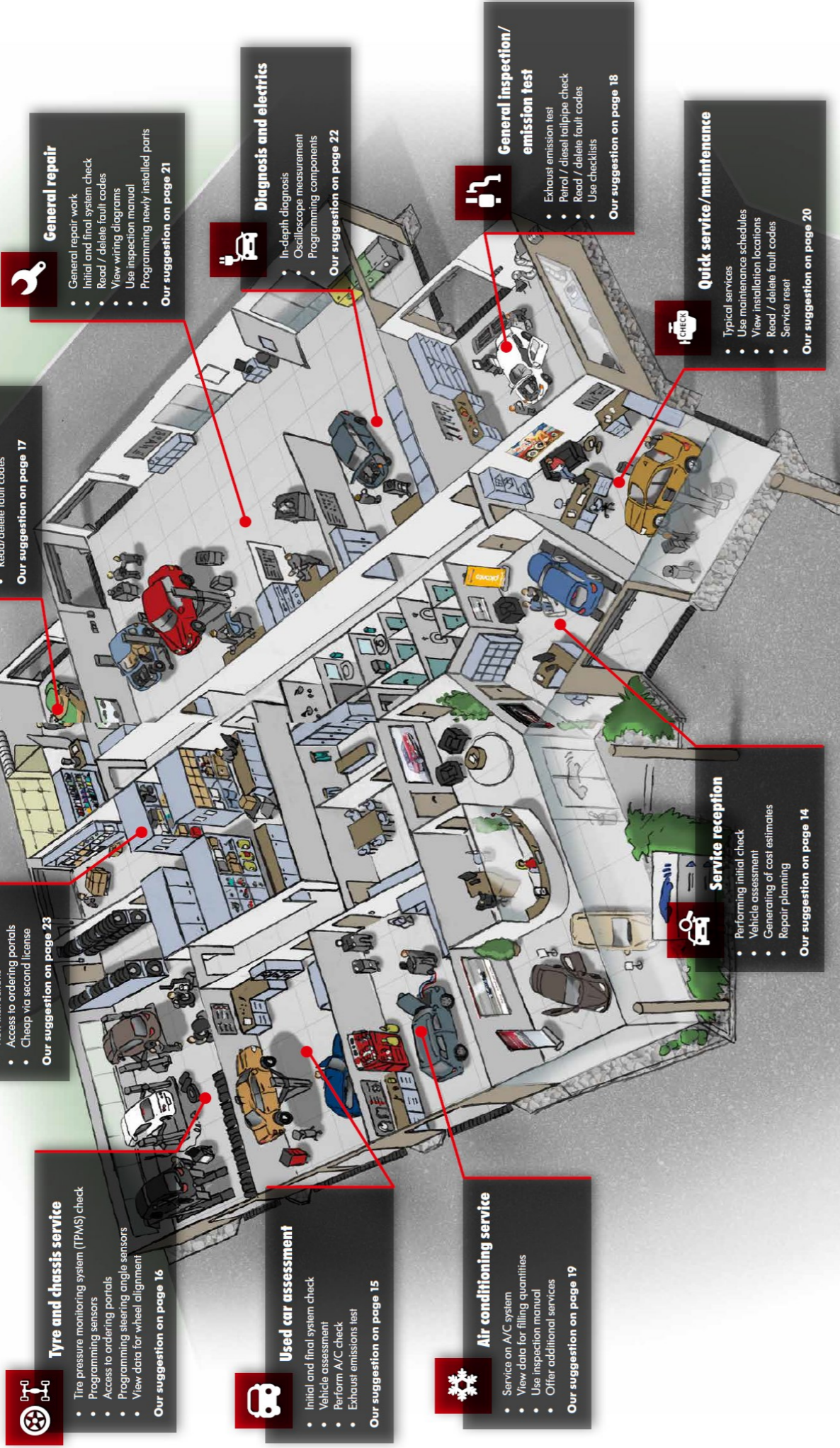
Simple changing of the 16-pin connector if worn.



The WOW! Workshop World



Discover the WOW! workshop world and recognise again your workshop in one of these workbays.



Tyre and chassis service

- Tire pressure monitoring system (TPMS) check
- Programming sensors
- Access to ordering portals
- Programming steering angle sensors
- View data for wheel alignment

Our suggestion on page 16



Used car assessment

- Initial and final system check
- Vehicle assessment
- Perform A/C check
- Exhaust emissions test

Our suggestion on page 15



Air conditioning service

- Service on A/C system
- View data for filling quantities
- Use inspection manual
- Offer additional services

Our suggestion on page 19



Warehouse

- Retrieve technical data
- View instructions
- Access to ordering portals
- Check via second license

Our suggestion on page 23



Body repair

- Initial and final system check
- Programming electronic components
- Read/delete fault codes

Our suggestion on page 17



General repair

- General repair work
- Initial and final system check
- Read / delete fault codes
- View wiring diagrams
- Use inspection manual
- Programming newly installed parts

Our suggestion on page 21



Diagnosis and electrics

- In-depth diagnosis
- Oscilloscope measurement
- Programming components

Our suggestion on page 22



General inspection/emission test

- Exhaust emission test
- Petrol / diesel tailpipe check
- Read / delete fault codes
- Use checklists

Our suggestion on page 18



Quick service/maintenance

- Typical services
- Use maintenance schedules
- View installation locations
- Read / delete fault codes
- Service reset

Our suggestion on page 20



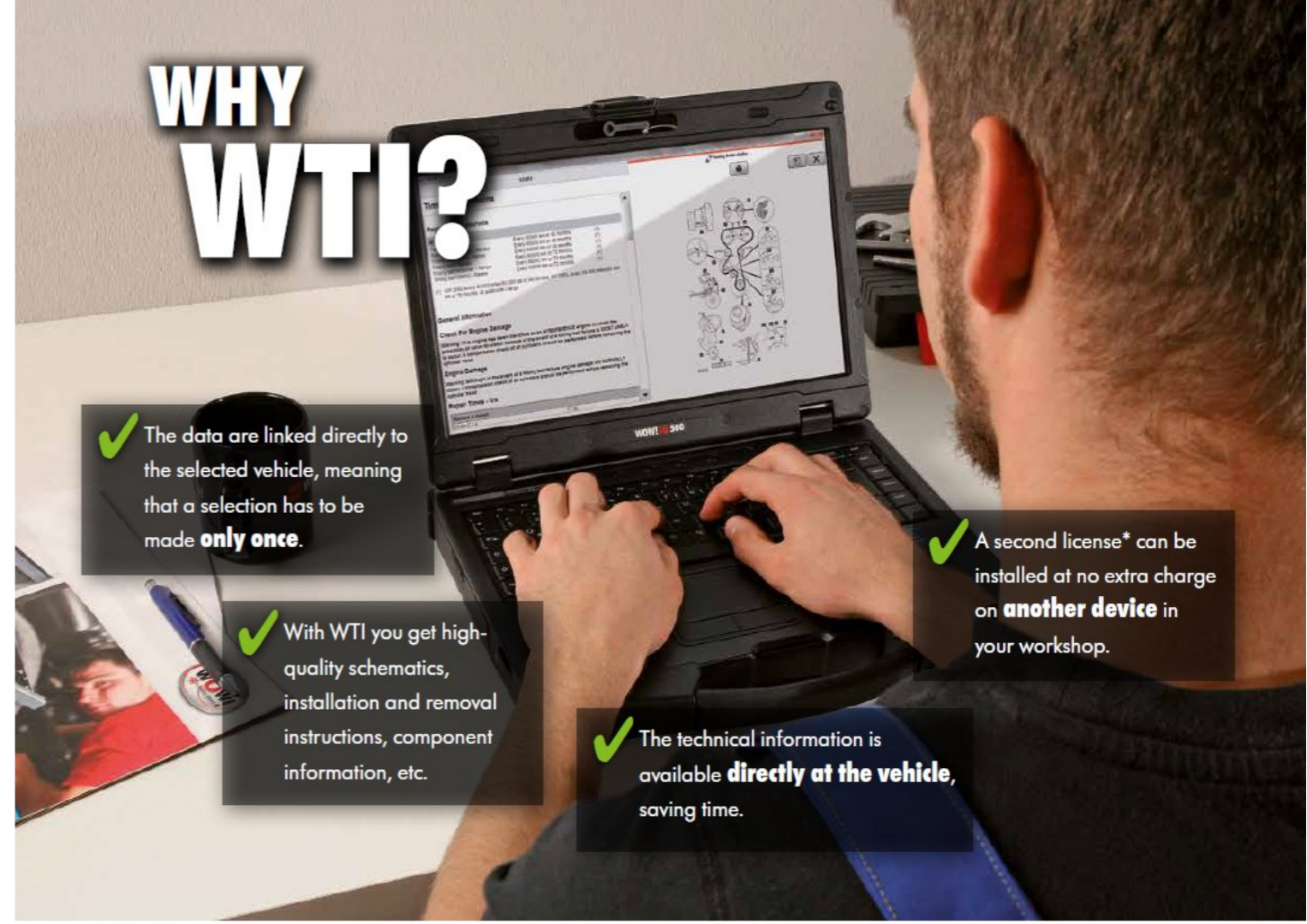
Service reception

- Performing initial check
- Vehicle assessment
- Generating of cost estimates
- Repair planning

Our suggestion on page 14

Technical information For in-depth vehicle diagnosis

Technical information provides the basis for in-depth vehicle diagnosis and smooths the way for the next work steps in your workshop. These can be modularly adapted to your needs.



WHY WTI?

✓ The data are linked directly to the selected vehicle, meaning that a selection has to be made **only once**.

✓ With WTI you get high-quality schematics, installation and removal instructions, component information, etc.

✓ The technical information is available **directly at the vehicle**, saving time.

✓ A second license* can be installed at no extra charge on **another device** in your workshop.

Combining makes it profitable!

WOW! combination packages

We have put together technical combination packages so that the technical information is directly tailored to your requirements.

* There must be a first license as the basis for each Snooper.

Clever combinations Module packages at a glance



Technical Data Service All information on the vehicle inspection	Technical Data Diagnosis All information on engine and engine management	Technical Data Comfort All information on comfort and convenience systems
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Individual modules	WTI 100 Art. No. W015 000 009	WTI 200 Art. No. W015 000 010	WTI 50 Art. No. W015 000 013
Combination modules	WTI 300 Art. No. W015 000 300		
	WTI 350 Art. No. W015 000 350		
Hotline support	WTI 450 Art. No. W015 000 008		
	Technical vehicle support (country-specific)		

WTI 300 – Technical information package Kombi SD

Art. No. W015 000 300 (includes WTI 100 and WTI 200)

Perfect for inspection, maintenance and engine specialists

The WTI 300 Technical information package combines daily servicing on the vehicle with further support during troubleshooting. This not only shows information requested every day such as technical data relating to the

V-belt or tyre pressures and wheel settings but also makes available further data such as wiring diagrams or information on engine management.

WTI 350 – Comfort information package Kombi SDK

Art. No. W015 000 350 (includes WTI 100, WTI 200 and WTI 50)

Perfect for the professional and all-rounder

With the WTI 350 Comfort information package you are optimally prepared for every diagnostic situation. Information for daily servicing such as for example fault code tables and further help for troubleshooting such as information on pin assignment or measured values are supplemented by a

range of in-depth information on further diagnosis and special data such as for example wiring diagrams for lighting and comfort and convenience systems. This ensures that the diagnostic technician is prepared for every in-depth diagnosis challenge.

Everything intelligently linked Technical information in detail

The WOW! system saves time! All the technical information is combined and intelligently linked under one interface – exactly where it is needed.



**Technical data –
WTI 100 service module**
Art. No. W015 000 009

General information for service reset, maintenance and inspection.

Extract from the performance description:

- Maintenance schedules acc. to manufacturer's specifications
- Timing belts, V-belts
- Tyre pressures, wheel settings, etc.
- Fill quantities, tightening torques, lubricants, etc.
- Pollen filter information (location, replacement, etc.)
- Repair times, fault code tables
- Service reset instructions



**Technical data –
WTI 200 diagnostic module**
Art. No. W015 000 010

The perfect supplement to your diagnostic system with data on all aspects of ECU diagnosis.

Extract from the performance description:

- Engine management, component testing, component descriptions
- Wiring diagrams (engine / airbag / A/C system)
- Pin assignment / measured values inputs and outputs
- Fuel system / fuse box
- Air conditioning / airbag / ABS manuals
- Troubleshooting tables, tips and tricks

Virtually all technical information can also be printed out for easier use.

Part	Interval
Timing belt - engine	Every 60000 km or 48 months
Timing belt - water pump	Every 60000 km or 48 months
Timing belt - alternator	Every 60000 km or 48 months
Timing belt - power steering	Every 60000 km or 48 months
Timing belt - air conditioning	Every 60000 km or 48 months

Engine compartment

- Suggestive emission (EVAP) control purge valve