

For Automotive Professionals

NAVIGATOR TXT NAVIGATOR TXC

For cars, motorbikes and
commercial vehicles



TEVA

TEXA products guarantee excellent diagnostic coverage for vehicle makes and models.
In order to view what TEXA has to offer,
simply visit www.texa.com/applicationlist.

The **NAVIGATOR TXT** and **NAVIGATOR TXC** are two diagnostic interfaces which are multibrand and multienvironment, designed to connect wirelessly with all the TEXA display units: AXONE 3 Mobile, AXONE Direct, AXONE Palmtop, AXONE Pad and MULTI PEGASO, as well as stand alone PCs.

Thanks to the wireless *Bluetooth* technology, it is possible to work freely around the vehicle.



THE STATE-OF-THE-ART IN MULTIBRAND DIAGNOSTICS BY TEXA

Today the diagnostics tool is an essential piece of equipment for every vehicle workshop. Whatever the fault, it is likely that during each repair process the ECUs will need to be accessed to clear the fault codes or configure the replacement components, operations that are only possible using a diagnostic tool.

Now even scheduled service and maintenance in many cases requires the use of diagnostic equipment, to reset the service lights and check or activate the various systems.

With many years of experience in this constantly changing and complex field, TEXA has specialised in providing solutions for multibrand workshops.

By providing the most modern and innovative solutions in the market and by using the latest technology, TEXA

has always tried to save technicians' time by simplifying the repair process.

The NAVIGATOR TXT and NAVIGATOR TXC are the latest multibrand diagnostics interfaces by TEXA; they can communicate with the vehicles' electronic control units, guaranteeing performance and speed that redefine multibrand diagnostics.

The development of these interfaces has been focused on reducing the communication times, and ensuring the tool is practical to use. Thanks to an internal 64 MB memory, the devices can save all the communication programs previously used; and if a diagnostic program is required again, it retrieves the information already stored from the internal memory. This reduces the time required for the communication with the ECU by over

70%. Also by using an automatic internal switch, the devices can communicate with the ECUs on all models of vehicles. No adapter is required, as the cable supplied can be connected directly to the diagnostic socket.

While the NAVIGATOR TXT can be used for diagnostics on all types of vehicles (cars, motorbikes and commercial vehicles), the NAVIGATOR TXC can only communicate with cars equipped with an EOBD socket (vehicles manufactured after 2001).



TWO DIFFERENT MODELS, WITH THE SAME DETAILED DIAGNOSTICS

The **NAVIGATOR TXT** and **NAVIGATOR TXC** are part of the new range of diagnostic interfaces from TEXA. Together with the NAVIGATOR TXB (specifically for motorbikes), they have revolutionised the world of multibrand diagnostics.

The NAVIGATOR TXT is the most complete and versatile version in the range, and can be used on any type of vehicle.

The NAVIGATOR TXC, on the other hand is the simpler version, which can only perform diagnostics on cars fitted with an EOBD socket.

Both can communicate with all the display units without requiring connection cables, thanks to the integrated *Bluetooth* module. They can in fact communicate with the AXONE 3 Mobile, AXONE Direct, AXONE Palmtop,

AXONE Pad and with the MULTI PEGASO multipurpose station, as well as stand alone PCs.

The aim for TEXA is to always provide versatility and standardisation in the management of the information, allowing every technician to work on different makes of vehicle using the same data processing and recording system.

Operating on the Windows platform, TEXA has designed the IDC3 software. This system combines the diagnostics tools and the technical information into a single program, ensuring quick and simple access to the applications.

Navigation always starts by selecting the vehicle make, model and the system to be diagnosed; the software then immediately and automatically provides the options for

the tools to be used and the specific reference parameters for the vehicle identified.

In detail, the NAVIGATOR TXT and NAVIGATOR TXC feature the following functions:

- auto diagnostics to read and clear the error memory, to display system parameters and the status of the ECU;
- activation, adjustments and configurations that are essential for ensuring a complete repair;
- resetting the service lights or the airbag systems;
- configuration of the ECUs, keys and remote controls.



TEXA INTERFACES



 **Bluetooth®**



TEXA INTRODUCES AUTOMATIC SCANNING OF SECOND GENERATION SYSTEMS

WITH TEXA GLOBAL SCAN 2 YOU CAN IMMEDIATELY GET TO THE POINT!



The **TGS2** system, TEXA Global Scan 2, is an addition to the main operating system IDC3, and represents the second generation in the automatic scanning of vehicle ECUs.

This innovation developed by TEXA offers the technician in depth analysis, on a wide range of brands and models, which has always been TEXA's strength. Compared to the first generation, TGS2 has been designed specifically for the needs of the multi-brand environment.

The advantages are obvious, as the technician receives immediate feedback on the systems that the TEXA tool can diagnose, and to which it can automatically connect directly. When a car comes into the workshop, the technician connects the TEXA interface to the diagnostics socket; in a fully automatic way, without any

other manual intervention, the IDC3 software scans all the known systems.

If after this procedure some system errors are identified, you can immediately enter in the diagnosis of the ECU to which they relate.

If the systems are fault free, you can use this facility to access the ECUs to perform further test or adjustments. There is no doubt that this new scanning generation is another important step by TEXA as a way of simplifying the diagnosis procedure as the technician's work becomes more complex.

It is no longer necessary to look manually for faults: TGS2 can do it automatically, saving and improving accuracy.

The combination of TGS2 and Google "SEARCH"

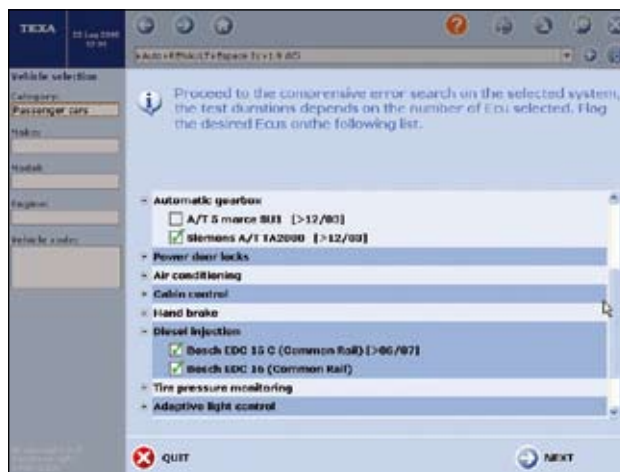
represents the best assistance that modern technology can offer when repairing modern vehicles.

Saving time and uncertainty, offering their customers a professional service, is a fundamental requirement of the modern technician; to satisfy this need, a new reference point, TEXA Global Scan 2, has been developed.

TGS2 IS SIMPLE AND EFFICIENT, IT SAVES TIME AND ENSURE CORRECT SYSTEM IDENTIFICATION



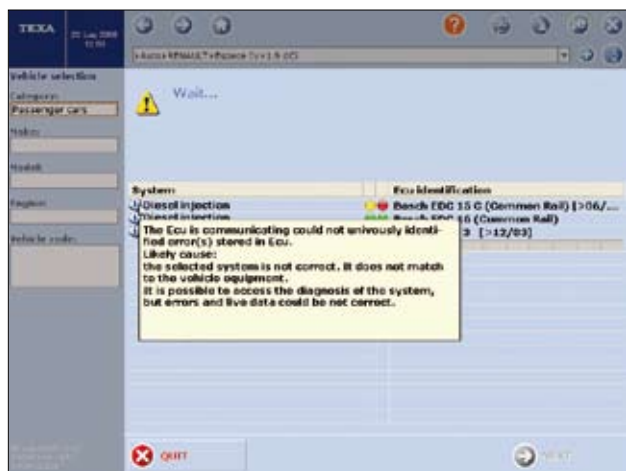
After selected the vehicle to be tested, a list of the available electronic systems is displayed.



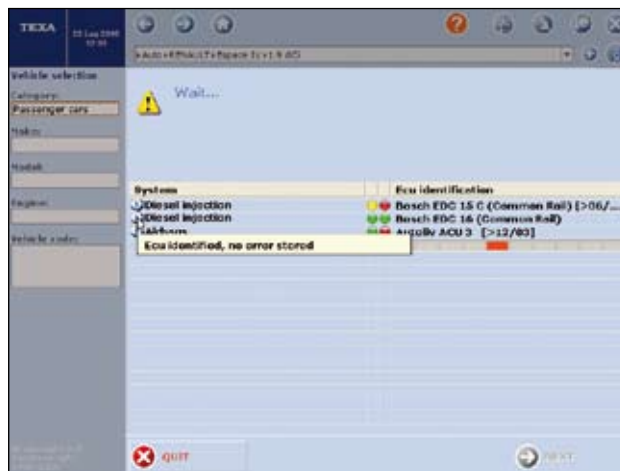
There is now an option to select more than one system at the same time from the menu.



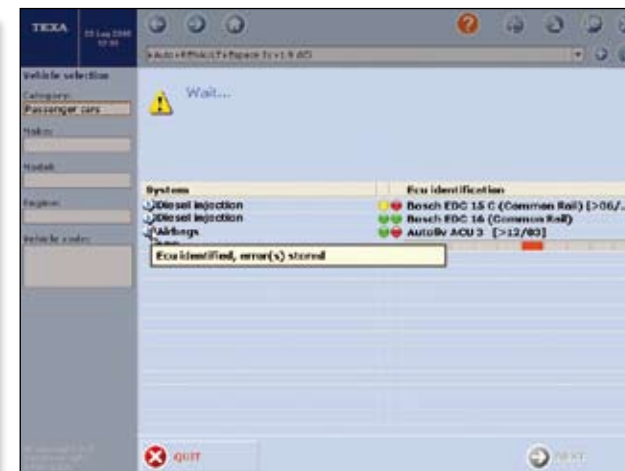
The software starts identifying the systems and ECU's available.



For every system identified a report is displayed. If a variant of a system is found, but full communication is not possible the user is notified, by a yellow icon in the first column.



In this case the ECU has been positively identified and allows full communication and there are no errors present. 2 green icons are displayed.



In this case the ECU has been positively identified and there are errors present. 1 green and 1 red icon are displayed.

IDC3: A WORLD OF INFORMATION

Thanks to the **IDC3** software supplied with the NAVIGATOR TXT and NAVIGATOR TXC, during the repairs technicians can access not only the technical data and the wiring diagram of the system (typical of professional databases available on the market), but also a series of additional information:

- technical bulletins that describe the correct repair procedures;
- detailed wiring diagrams of the system and all components used by the ABS control unit;
- locations of the various components;
- technical datasheets with reference data and testing procedures for system components (sensors-actuators);
- the innovative “SEARCH” function powered by Google,

which provides an online guide to the repairs.

The data and information available vary according to the version of IDC3 software installed, available in Plus, Light or Pocket versions.

For repair technicians and workshops that already use a TEXA display and processing interface, the IDC3 software is available in the following combinations:

- **IDC3 Plus** on MULTI PEGASO and AXONE 3 Mobile
- **IDC3 Pocket** on AXONE Palmtop, AXONE Pad and AXONE Direct

For workshops that already use a PC in their daily operations, on the other hand, the Navigator TXT is

compatible with the most common operating systems (Windows 2000 Professional, Windows XP home, Windows XP Professional and Windows Vista).

In these cases, the IDC3 Software, available in Light and Plus versions, is simple to install and use.

Below are the main features of IDC3 Light and Plus; specific information on IDC3 Pocket is available in the brochure on the AXONE Direct, AXONE Palmtop and AXONE Pad. All information is also available the website www.texa.com

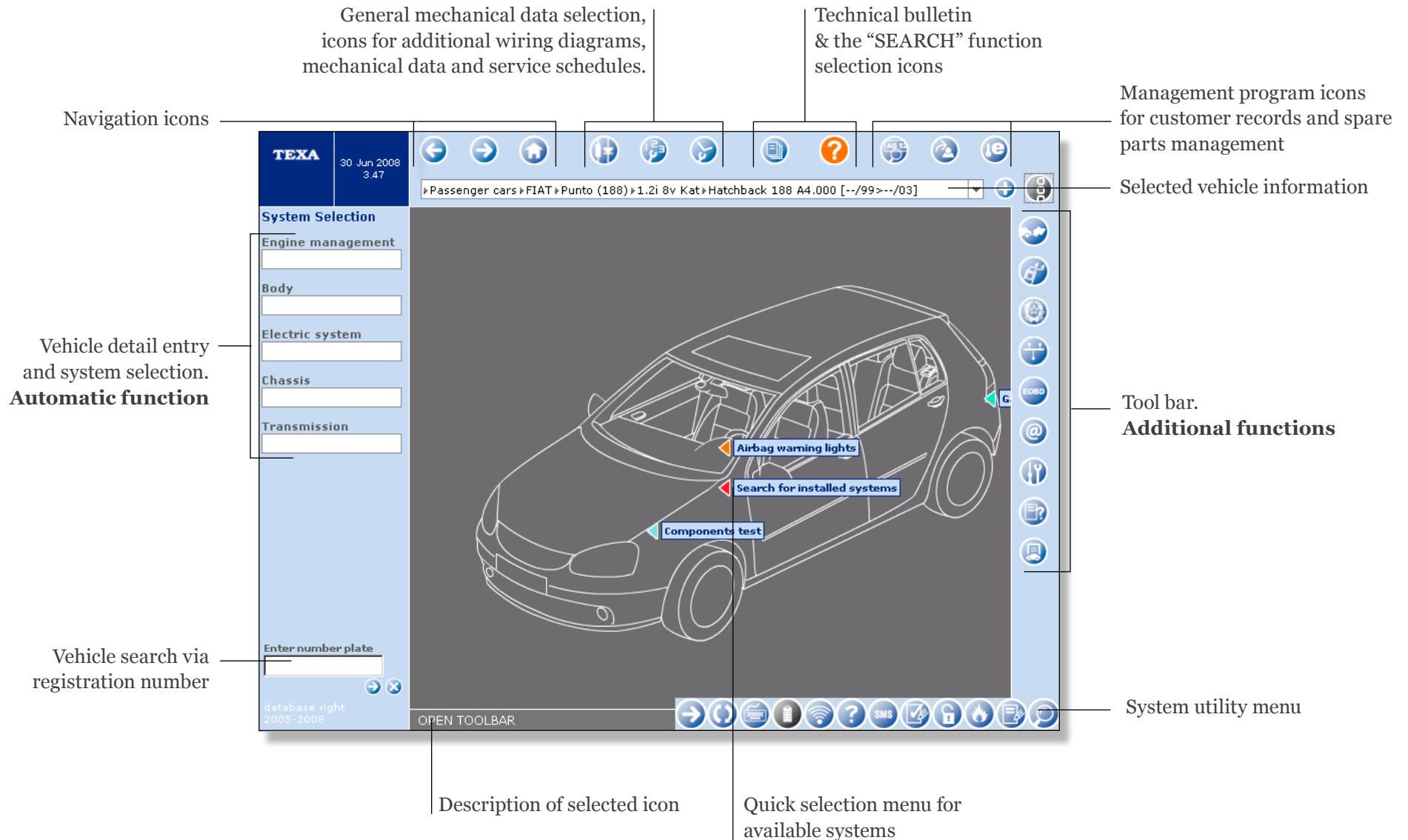


GENERAL DIAGNOSTICS

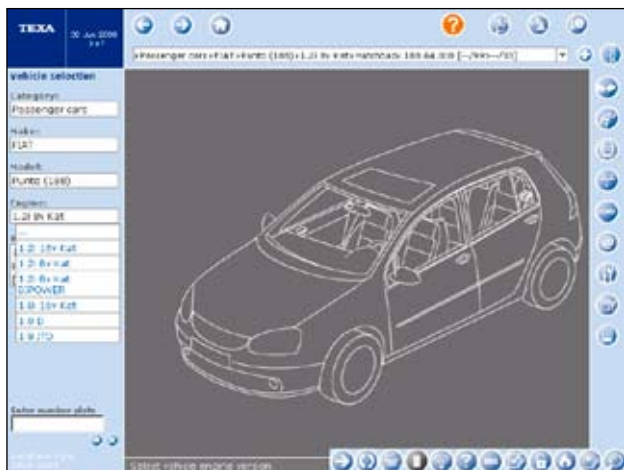
Information on ABS and engine management electronics	●	●	●	●	●	●	●	●	●
Electronic information (comfort and safety systems)	●		●	●		●	●		●
Mechanical technical data	●	●	●	●	●	●	●	●	●
Customer management	●	●		●	●		●	●	
Technical bulletins*	●	●	●	●	●	●	●	●	●
“SEARCH” Powered by Google*	●	●	●	●	●	●	●	●	●
Maintenance information	●		●	●		●			
Air-conditioning technical data	●		●	●		●			
Timing belts	●		●						
Measurements, Oscilloscope, Multimeter, Battery test, TNET	●	●	●	●	●	●	●	●	●
Auxiliary electrical info	●								
Spare parts management	●			●			●		

* Applies for specific services

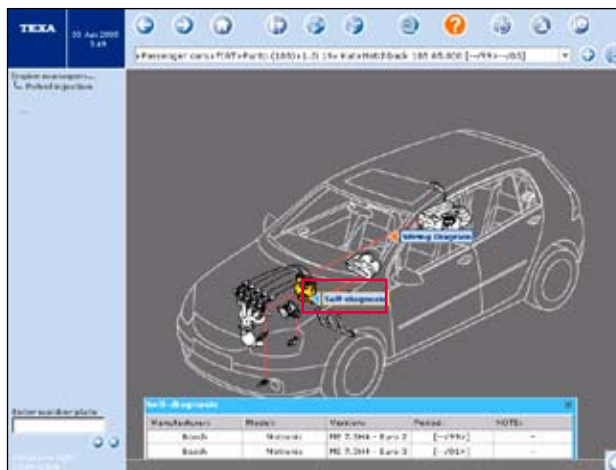
IDC3. THE WORKING ENVIRONMENT FOR CAR, MOTORBIKE AND COMMERCIAL VEHICLES



VEHICLE SELECTION, DIAGRAMS AND INFORMATION



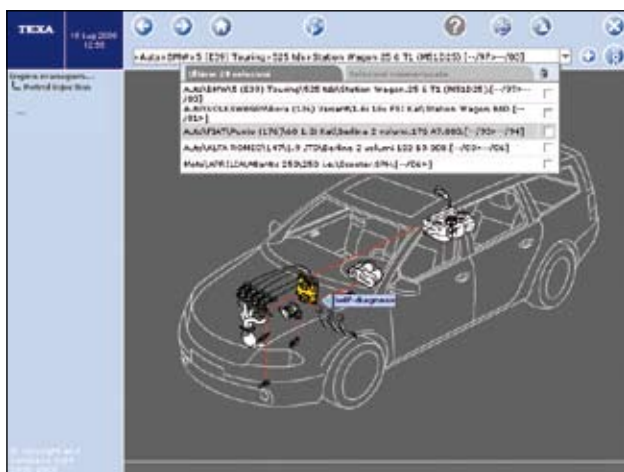
Once the vehicle has been selected, a series of information will become available.



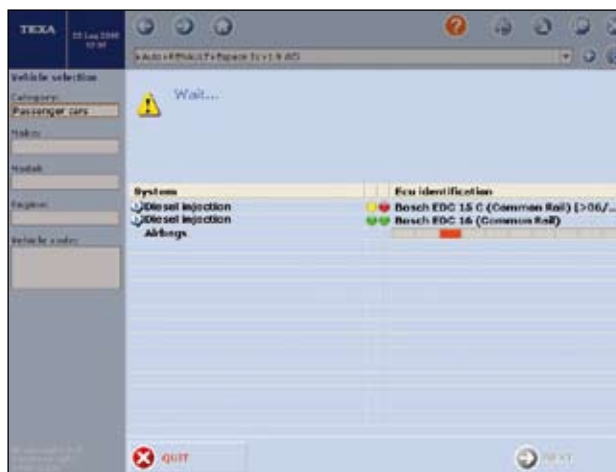
By selecting a specific electronic system to be tested. The diagnostic programmes and electrical diagrams are then available.



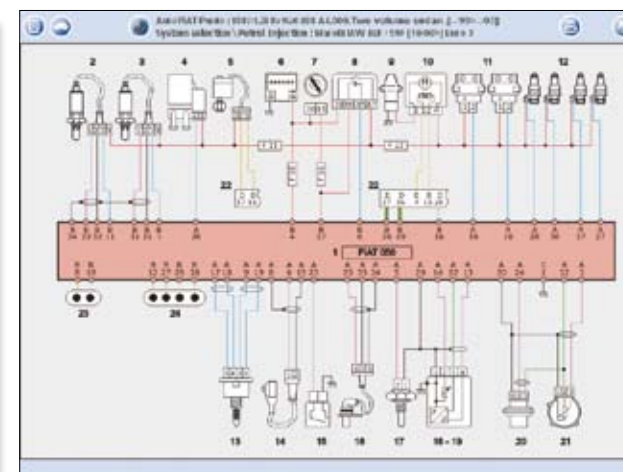
Once communication has been established with a system; system parameters are available which may be viewed numerically or graphically



Communication with electronic systems is much faster with the new TXT interface range due to the internal communication programme memory.



The new diagnostic programme version allows an automatic scan of the electronic systems within the vehicle. It identifies the control unit's present, and any stored errors

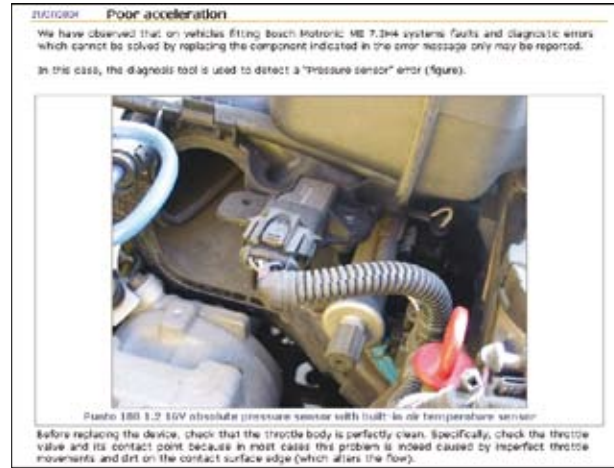


By selecting the wiring diagram icon; the relevant circuit diagram will be displayed. The wiring diagrams are unique to TEKA and are all displayed using the same standards for ease of use.

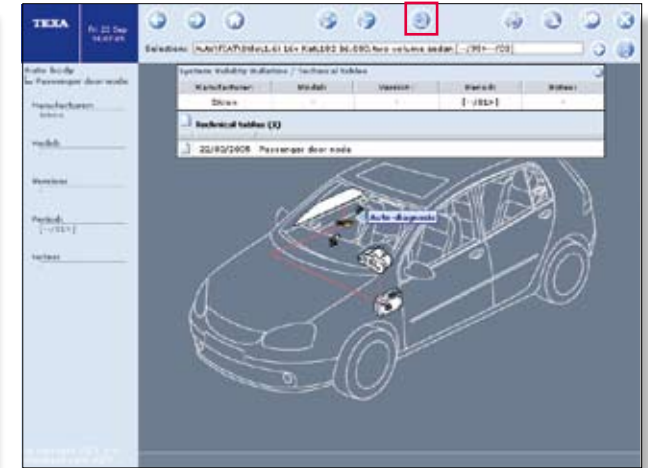
TECHNICAL BULLETINS



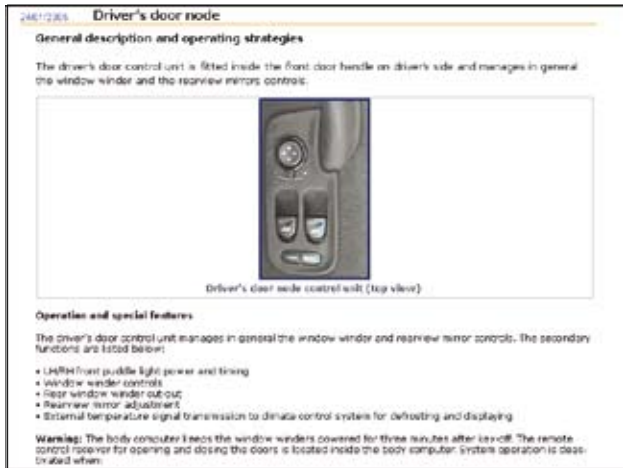
By selecting a vehicle and using the bulletin icon; a list of technical bulletins or test cards are accessible.



The bulletins provide information regarding repair procedures for a specific problem. The example displays a technical bulletin relating to a problem with poor acceleration.



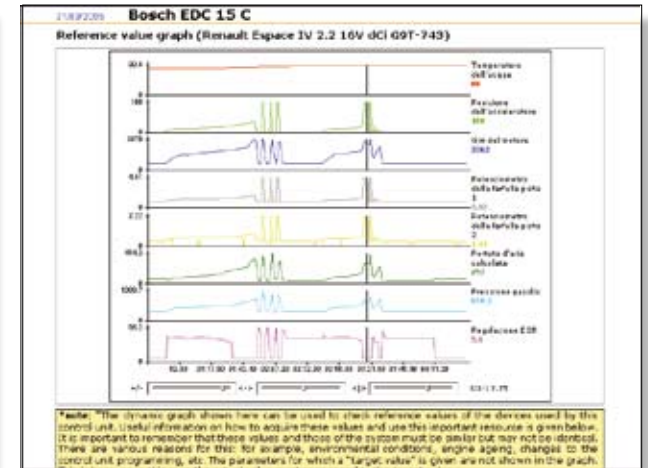
It is possible to retrieve the “test card” from the list which provides an overview of the selected electronic system’s functions.



In this example the electronic system’s control unit is displayed. The test card provides information regarding its function, technical characteristics...

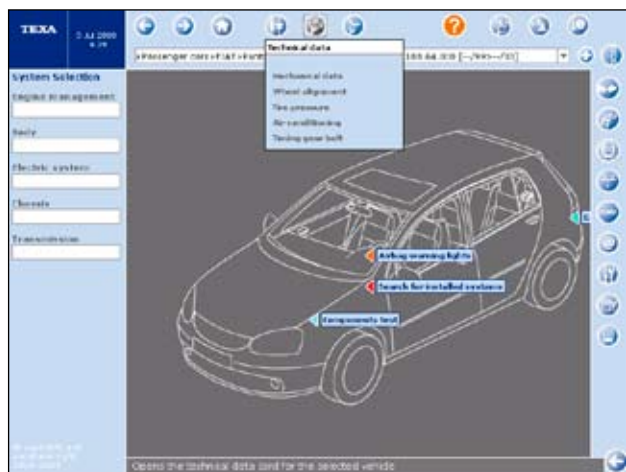


... The location and the procedure (video example) of the “removal and installation” of the control unit...

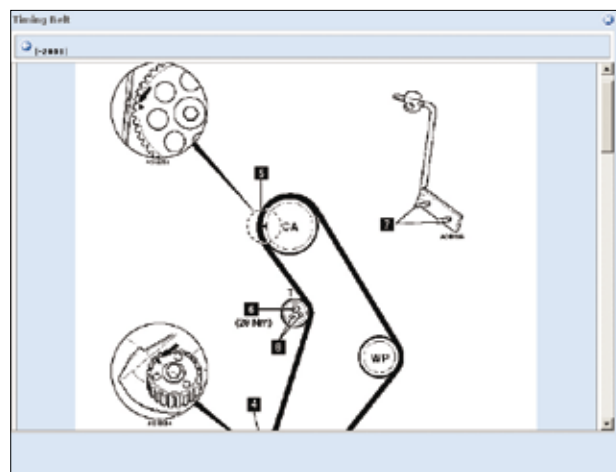


... Sample recordings are also available and may be used for comparison on a defective systems.

MECHANICAL AND SERVICING DATA



When the vehicle is selected and the available icons are displayed; it is possible to retrieve additional wiring diagrams, general technical data and servicing data.



By selecting the “general technical data” list, it is possible to view technical information for timing belt replacement....



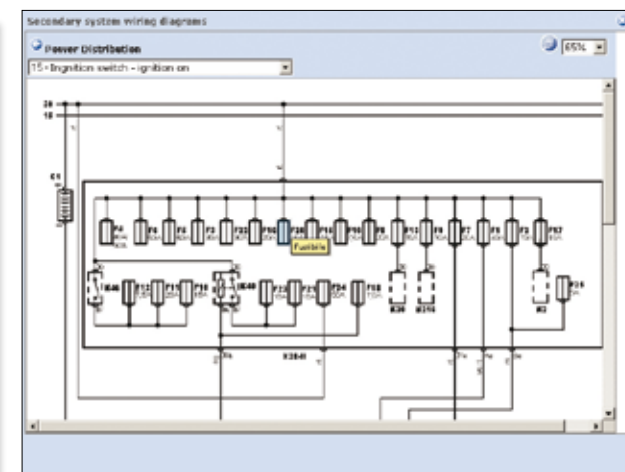
...or technical data relating to steering geometry and wheel alignment.



General technical data of the selected vehicle may be obtained.

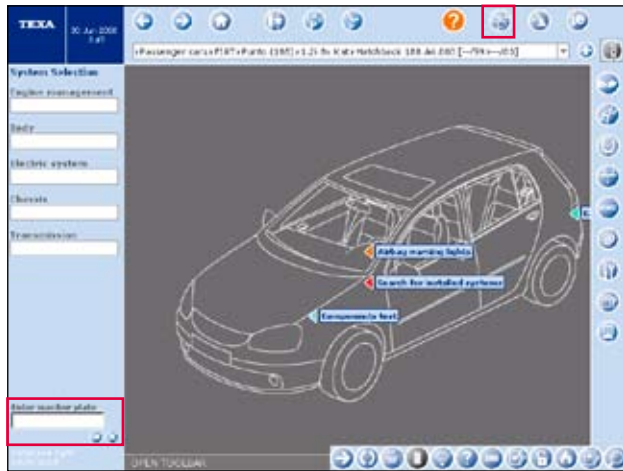


By selecting the SCHEDULED MAINTENACE icon; vehicle specific service sheets may be retrieved....

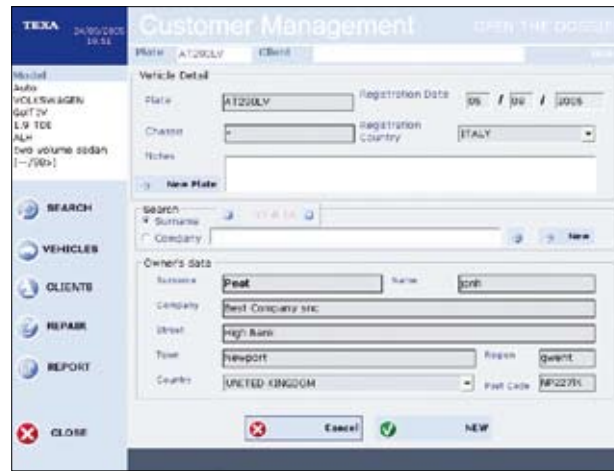


...whereas, by selecting the SUPPLEMENTARY WIRING DIAGRAM icon, electrical diagrams may be retrieved for secondary systems. The example displays the electrical power distribution circuit for the selected vehicle.

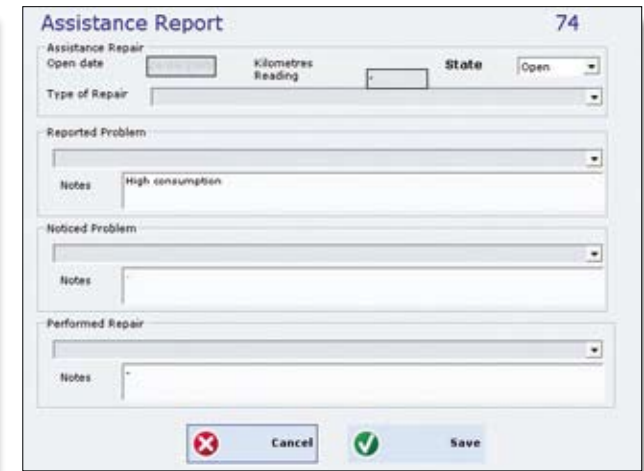
NEW CUSTOMERS AND REPAIR DOCUMENTATION



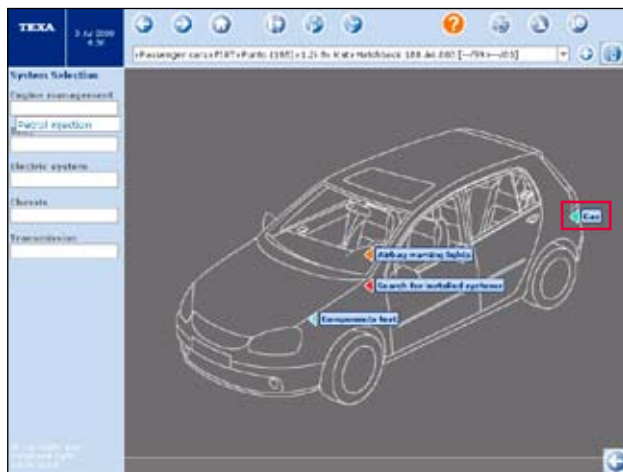
Once the vehicle information has been saved, the data may be retrieved by entering the vehicle registration details.



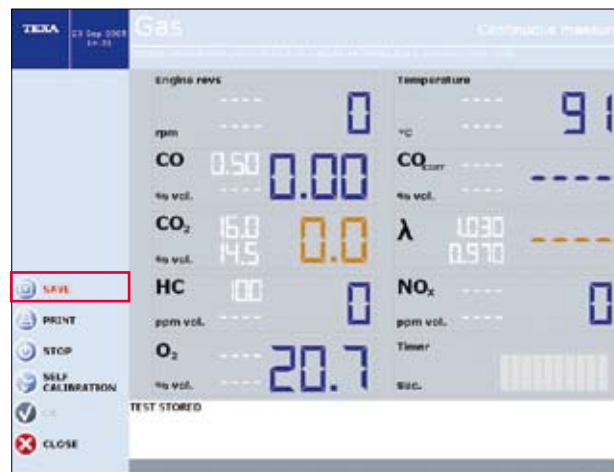
When the registration number is saved a screen is available where the Customer details and other relative data may be entered...



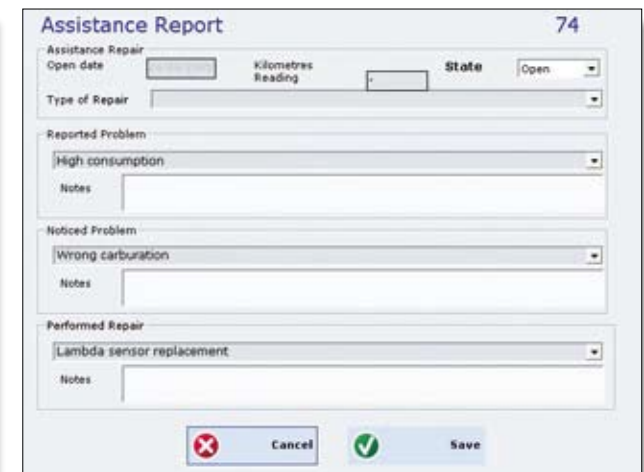
At this stage, the technician may add any details regarding the problem described by the customer in order to begin the repair process. By selecting the SAVE icon, the main page will appear.



Within the example relating to an report of excessive fuel consumption, the technician carries out an analysis on the vehicle's emissions by retrieving the programme via the GAS icon.

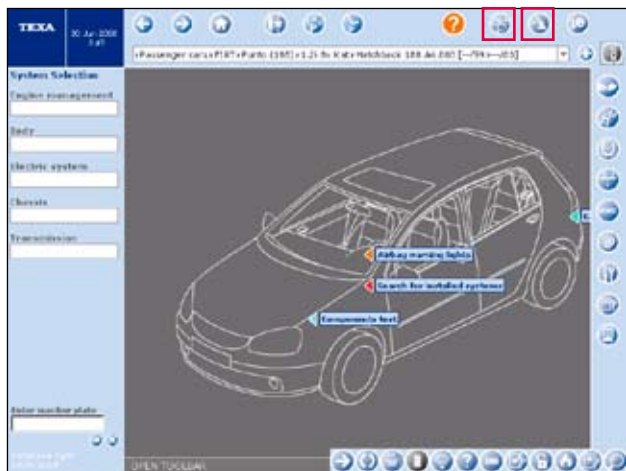


Once the measurement have been made..., the operator can save the test details by clicking on SAVE icon.

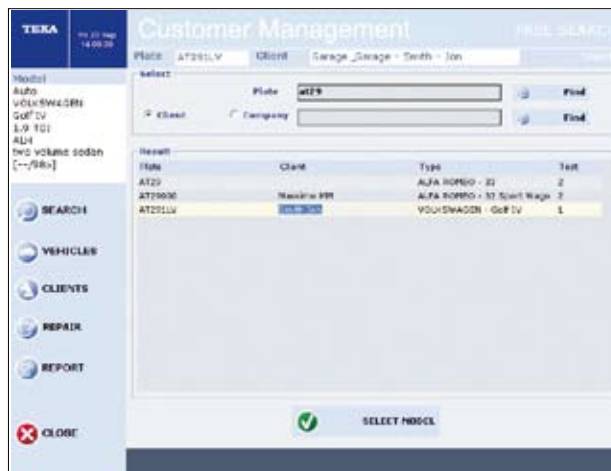


Once the repair is completed, the procedure may be recorded. As we are about to see; this information may be retrieved for future reference.

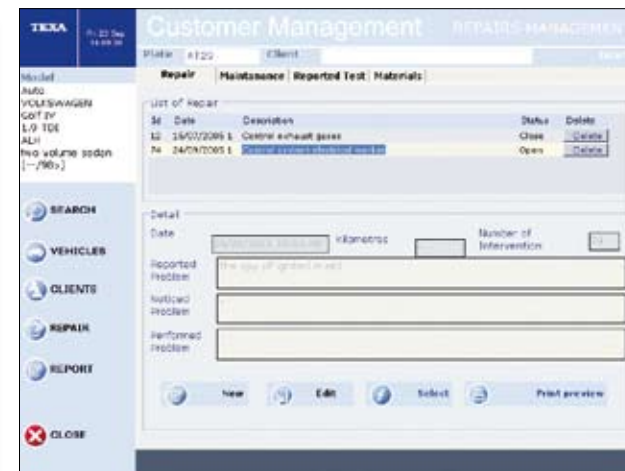
PREVIOUS CLIENTS, REPORTS AND RECORDED TESTS



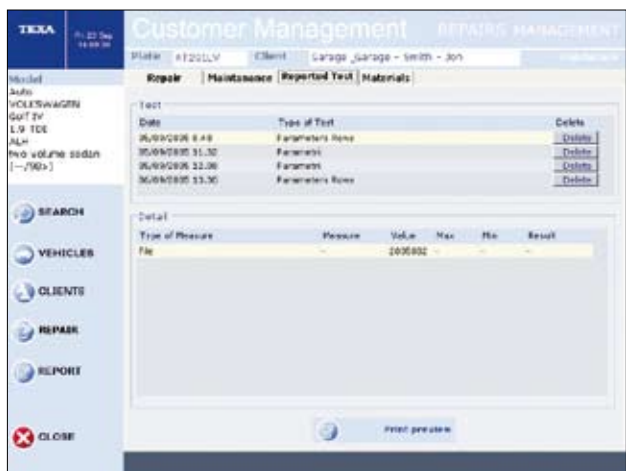
If a previous customer should return to the workshop; the technician may retrieve the vehicle customer information via the VEHICLE NUMBER PLATE or DATA MANAGEMENT icon.



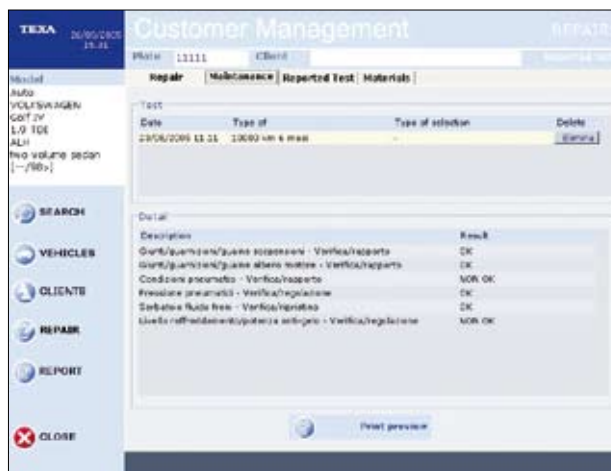
The operator may retrieve the information via the customer or company details. Once the vehicle has been identified, it is possible to retrieve previous repair information or proceed with new tests.



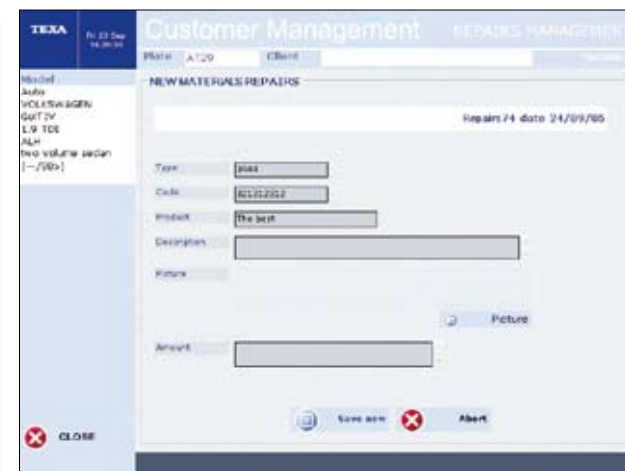
By selecting the REPAIR icon, the operator may view all the procedures carried out previously for the vehicle. The example displays a procedure relating to gas analysis.



At this stage, the operator may retrieve data regarding all previous procedures. The example displays the results of emissions analysis...

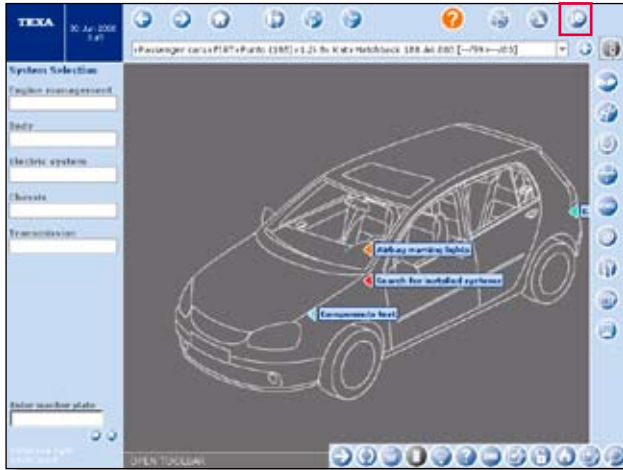


...service schedule check list...

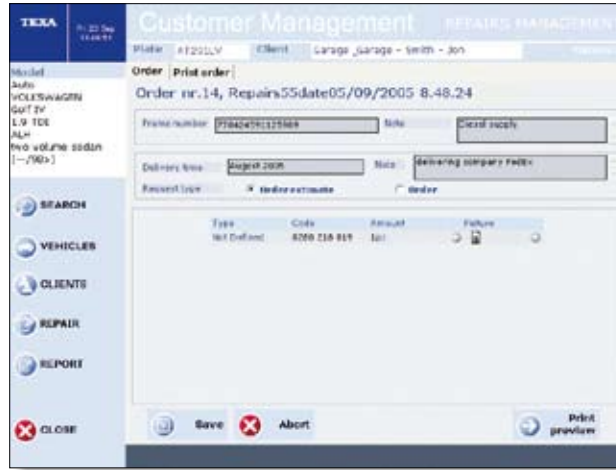


...parts used during the repair.

SPARE PARTS



By selecting the “SPARE PARTS MANAGEMENT” icon; a useful tool may be retrieved which will allow the technician...



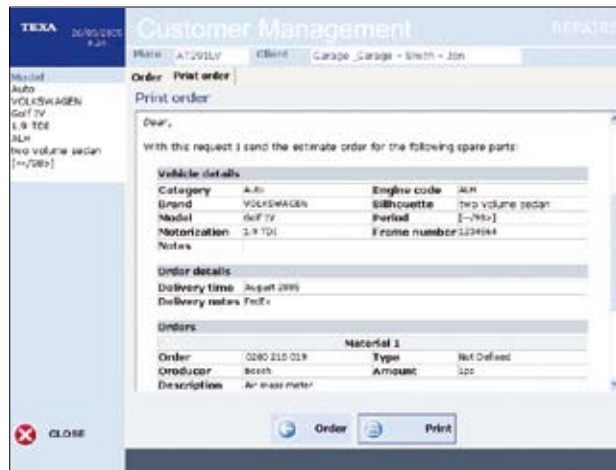
...to produce an electronic parts order...



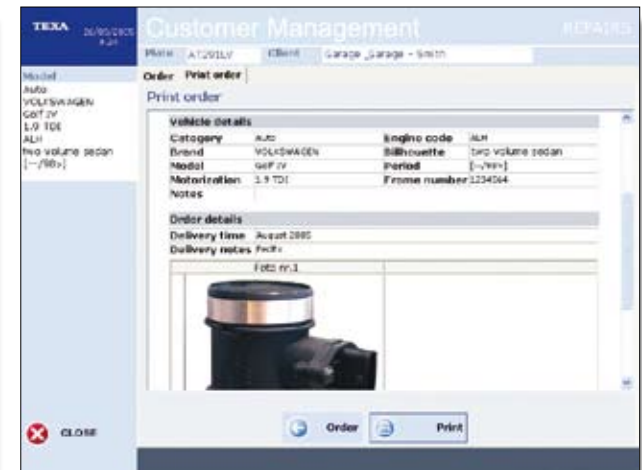
On this page the technician can add details of all required parts required for the repair.



The program allows the option to attach an image of the required part (which may be added using the tool's camera) which aids in identification.



This may be viewed and printed...

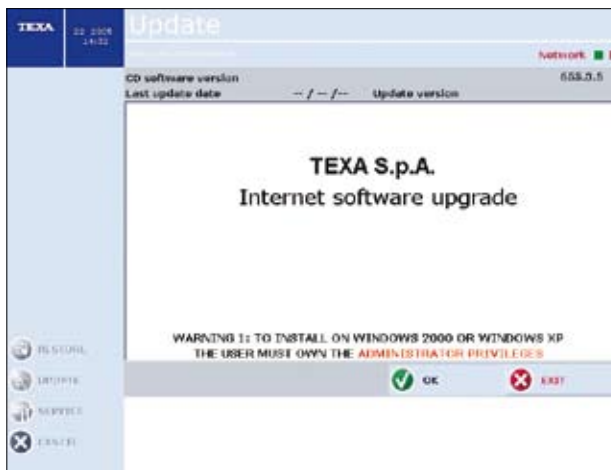


...and finally e-mailed or faxed directly.

UPDATES



The “UPDATES” icon allows automatic Internet connection to check for any available software updates.



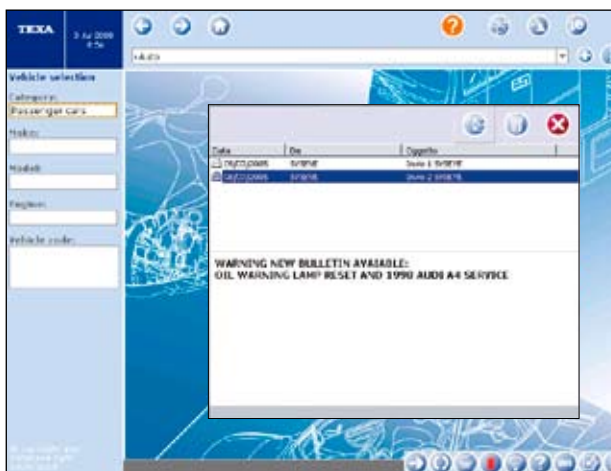
This page shows if any software updates are available.



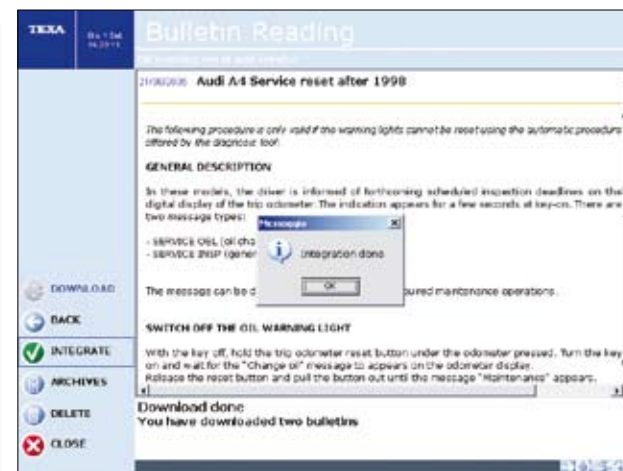
The “OK” icon allows the download to take place automatically.



An SMS informs the operator that a new technical bulletin is available for download. (only for Italian market)



General information regarding available bulletins may be viewed on this page. (only for Italian market)



The bulletin contents may be viewed and added to the information to the general data bank. (only for Italian market)

TECHNICAL UPDATES, BULLETINS AND INNOVATIVE SOLUTIONS ALWAYS ONLINE

powered by **Google**[™]



TEXA has provided a simple and reliable method to update the software and send technical bulletins to customers; by connecting to the Internet, data can be exchanged between the diagnostics tool and the TEXA server.

The workshop can always work with the latest information, thanks to continuous updates in real time, which follow the constant evolution of the electronic systems on vehicles.

All the technical bulletins, once downloaded into the tool, are automatically saved by the operating system based on the make and model of vehicle. In this way every time the technician selects a specific vehicle, all the necessary information will be made available by the tool.

The software version is also available in the traditional way on DVD, installed using a PC.

Another innovative solution in the IDC3 software, available thanks to the Internet connection, is the **“SEARCH” function powered by Google.**

This allows the technician with a specific vehicle problem to carry out a search directly on the TEXA central server, which contains thousands of specific solutions documented by the TEXA network of Call Centers throughout the world.

For years, in fact, the TEXA Call Centers have been helping hundreds of workshops find solutions to their everyday problems, providing immediate practical assistance, when it is needed.

Together with Google, the world Internet information search leader, a system has been developed for saving and searching the vehicle repair data.

Thanks to this technology, in just a few seconds the technicians will receive on their tool a list of completed repair procedures for faults that would otherwise may be difficult to resolve, all validated and approved by TEXA technicians.

CONFIGURATIONS AND OPERATING MODES

BLUETOOTH OR CABLE CONNECTION

The convenience and versatility of the NAVIGATOR TXT and NAVIGATOR TXC make it possible to carry out complete diagnostics on the vehicle, without the restrictions of cables connected to the display tool.

Using the *Bluetooth* connection, technicians can work around the vehicle unhindered, for instance to check the activation of the tail lights or rear indicators, and to communicate with the door or boot ECUs.

Simply connect the NAVIGATOR TXT or NAVIGATOR TXC to the EOBD socket and start diagnostic procedure, observing the operation each of system without hindrance of cables.

All TEXA tools use certified *Bluetooth* technology, and guarantee the communication and transfer of data over distances of up to 30 metres.

Bluetooth connectivity is included as standard on all TEXA diagnostics tools, while for PCs already operating in the workshop, TEXA can supply an optional pre-configured *Bluetooth* device, which is simple to install.

Nonetheless, in order to ensure the widest compatibility with all the display interfaces, a USB connection cable is also available, measuring approx 3 metres.



DETAILS



CPC-2 28-pin auto diagnostics connector.



Tool operating status LEDs: green indicates that the tool is on, red indicates communication with the USB port, and blue communication via *Bluetooth*.



Port covers, to prevent contamination from entering the tool.



USB and hardware key connectors.



Hook for the security strap for securing the NAVIGATOR TXT on the vehicles.



View of the NAVIGATOR TXT hooked to the vehicle.

ACCESSORIES



Multipurpose mounting plate.



European Car cable case.



Asian Car cable case.



Truck cable case (additional truck cables available).



Bike cable case.

TECHNICAL SPECIFICATIONS

- Multibrand and multi-environment diagnostics for PC and Pocket PC
- Quick connection to diagnostics systems
- Wireless *Bluetooth* or USB cable connection
- Updates available over the internet (operating software)
- Fully compatible with the cables used for previous diagnostics tools
- Compact and light

Processor: INTEL PXA255 400MHz,

Internal memory: 64 MB SDRAM, 64 MB FLASH

External power supply: 8 - 32 Volt

Typical power consumption at 12 V: 0.25 A

Typical power consumption at 24 V: 0.18 A

Power supply connector: 4-pin mini-DIN

USB ports: 1 USB 2.0 device, 1 USB 2.0 Host, possibility to update SW via USB pen drive.

Wireless communication with PC: *Bluetooth 2.0*

Electronic switching: 13 K & L lines with 100 mA FPGA based current protection.

Diagnostics connector: AMP CPC2 28 pin, male contacts.

Operating temperature: + 0 °C / + 45 °C.

Storage temperature: - 20 °C / + 60 °C.

Operating humidity: 10% - 80% non-condensing.

Types of protocols: Blink codes, CAN ISO 11898 and ISO 15765-4, K - L,

ISO 9141-2, ISO 14230 (Keyword 2000), SAE J1850 PWM 41.6 Kbps and VPW 10.4 Kbps, ISO 11519-2, SAE J1708 – FMS compatible.

EOBD (all protocols): ISO 15031-5, ISO 15765-4

Dimensions: 155x165x55 mm

Weight: 1.0 kg



1. Operating status LEDs
2. *Bluetooth* antenna
3. Power connector



4. Diagnostic socket connector
5. USB DEVICE port
6. USB HOST port

CLEAR AGREEMENTS AND TRANSPARENCY RIGHT FROM THE START

When you purchase a TEXA package you also subscribe to a “PURCHASE ORDER” contract that establishes the purchase conditions and all of your rights. (certain markets only)

Service

The TEXA service network guarantees customers excellent coverage, a vast range and exclusive service.

Product warranty

TEXA guarantees the product against faults and manufacturing defects ascertained and recognised by its service network, for a period of twenty-four months from the date of delivery or activation of the software. All repairs under warranty, unless otherwise agreed on in writing, must be carried out at an authorised service centre or by TEXA.

Software end-user license

TEXA authorises the customer to use the software contained in the PRODUCTS purchased based on a non-exclusive end-user license agreement for the sole purposes described in the PRODUCT user manual. In relation to the end-user license agreement, “software” refers to the program installed on the PRODUCT, and “license” the right to use or access a specific copy of such software.

Products

The products undergo continual development and consequently are subject to change; such changes may involve constructional modifications to the electronics, the mechanics and the cosmetics (including the colour and decorative elements).

The information and data provided in the brochures and advertising in general are purely indicative.

TEXA FINANCIAL SERVICE*

TEXA has for years been offering financial solutions that are unrivalled on the market, allowing DEALERS to offer customers particularly favourable terms of payment for purchasing TEXA tools and equipment.

“SISTEMA” is a simple formula that offers complete freedom in extending payments on your new TEXA tool based on your needs.

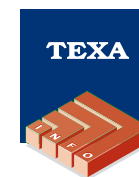
Contact your TEXA dealer for further information. They will then provide you an example of a personalised payment plan.



CALL CENTRE ASSISTANCE* AN EXPERT ALWAYS ON HAND TO HELP

Call Centre assistance and the prompt publication of technical bulletins, sent directly to the tool via SMS or via the Internet, are the main services now offered by TEXA to help technicians in their everyday work.

Help from professionals at the TEXA Call Centre is just a phone call away.



* Check availability in your country with your dealer.

TEXAEDU*

YOUR PROFESSIONAL DEVELOPMENT

In order to support and promote the professional development of its customers, TEXA has combined its range of tools and services with an exclusive training program: the TEXAEDU centre.

The training courses involve both the theoretical and practical aspects. The use of the tools is demonstrated directly in the classroom, right from the very first minute of the courses, with specific details on strategies for recognising errors in electronic control units or reading and interpreting a signal from an air mass meter.

With its vast range of diagnostics solutions, TEXA fully understands the real problems involved in auto repair work, and this is the basis for its training courses. By enrolling in the courses and obtaining the PROFESSIONAL SPECIALISATION CERTIFICATE, technicians can guarantee their professional future.



* Check availability in your country with your dealer.

UNI EN ISO 9001:2000

TEXA strongly believes and invests in the quality of its organisation, products and services. The TEXA quality project is based on the following principles:

Customer focus

TEXA has always been attentive to the needs of its customers, and is committed to continually satisfying their requirements and even exceeding their expectations;

Personnel involvement

At TEXA, the personnel, at all levels, represent the essence of the organisation; their complete involvement in the processes means their skills can be best used to serve the company;

Process approach

TEXA organises all its activities into a system of interrelated processes that together contribute to the achievement of the company goals, based on principles of effectiveness and efficiency;

Partnership with suppliers for mutual benefit

TEXA aims to establish strategic partnerships with its suppliers, convinced that close cooperation improves the ability of both parties to create value and translates into advantages for the customer;

Continual improvement

For TEXA, continual improvement of its performance is a permanent objective. TEXA is certified in accordance with UNI EN ISO 9001:2000.



* Check availability in your country with your dealer.



TEXA

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Use your mobile phone to scan this symbol and receive further information on TEXA S.p.A. and its products*.

* Scanning this symbol will create a WAP push link that accesses the <http://www.texa.mobi> website without having to enter the address manually in your browser. The contents of the TEXA site can be browsed freely, while the connection charges vary based on the rates applied by your service provider. If your phone doesn't have software for reading QR codes, go to one of the numerous websites that offer these for free.

**COMPANY
WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
=ISO 9001:2000=**

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MADE IN EUROPE

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