



NAVIGATOR Range



THE NAVIGATOR TX RANGE OF DIAGNOSIS

The **NAVIGATOR TX** range of diagnostic and autodiagnostic interfaces is the result of constant research and the development of advanced solutions dedicated to simplifying the work of the mechanic. TEXA has created a choice of three advanced instruments, all implementing innovative technologies, including Bluetooth wireless communications to eliminate unwanted cables around the workshop.

In developing these interfaces, TEXA has concentrated on reducing connection times and increasing practicality.

Thanks to 64 Mb of internal memory dedicated to storing program data, the delay in establishing communications with the vehicle's control can be reduced by over 70%.

NAVIGATOR TX devices interfaces are also equipped with automatic internal switching for communicating with control units on vehicle makes and models without additional adapters.

NAVIGATOR TX interfaces let you perform all common autodiagnostic tests including:

- error reading and clearing;
- engineering parameter and activation status viewing;
- oil change light reset adjusting and configuring;
- service and airbag;
- control unit configuration;
- keys and remote controls;
- adjustment of carburetion and injection times (BIKE sector).



IDC4 SOFTWARE

All TEXA diagnosis and self-diagnosis interfaces use the latest IDC4 software; this software is an evolution of our famous IDC3 and has been designed to allow you to obtain a series of auxiliary data – technical bulletins, component sheets, wiring diagrams – directly from your viewing unit.

NAVIGATOR TX interfaces also feature the exclusive **Powered by Google "SEARCH"** function and the TGS2 function for the automatic scanning of vehicle systems.

CONNECTIVITY

All TEXA diagnostic and autodiagnostic interfaces can use Bluetooth wireless technology to communicate with display units in the AXONE range, the MULTI PEGASO multipurpose station and any PC.

NAVIGATOR TXC



FOR CARS WITH AN OBD 16 PIN SOCKET



MULTI PEGASO



STIC AND AUTODIAGNOSTIC INTERFACES

NAVIGATOR TXT



FOR ALL TYPES OF VEHICLE



NAVIGATOR TXB



FOR BIKES, QUADS, BOATS AND JET SKIS



AXONE RANGE



STANDARD PC



All TEXA products are guaranteed for 24 months

To check out the extensive coverage of TEXA products visit www.texa.com/applicationlist

To view demos showing TEXA instruments in operation visit www.texa.com/demo

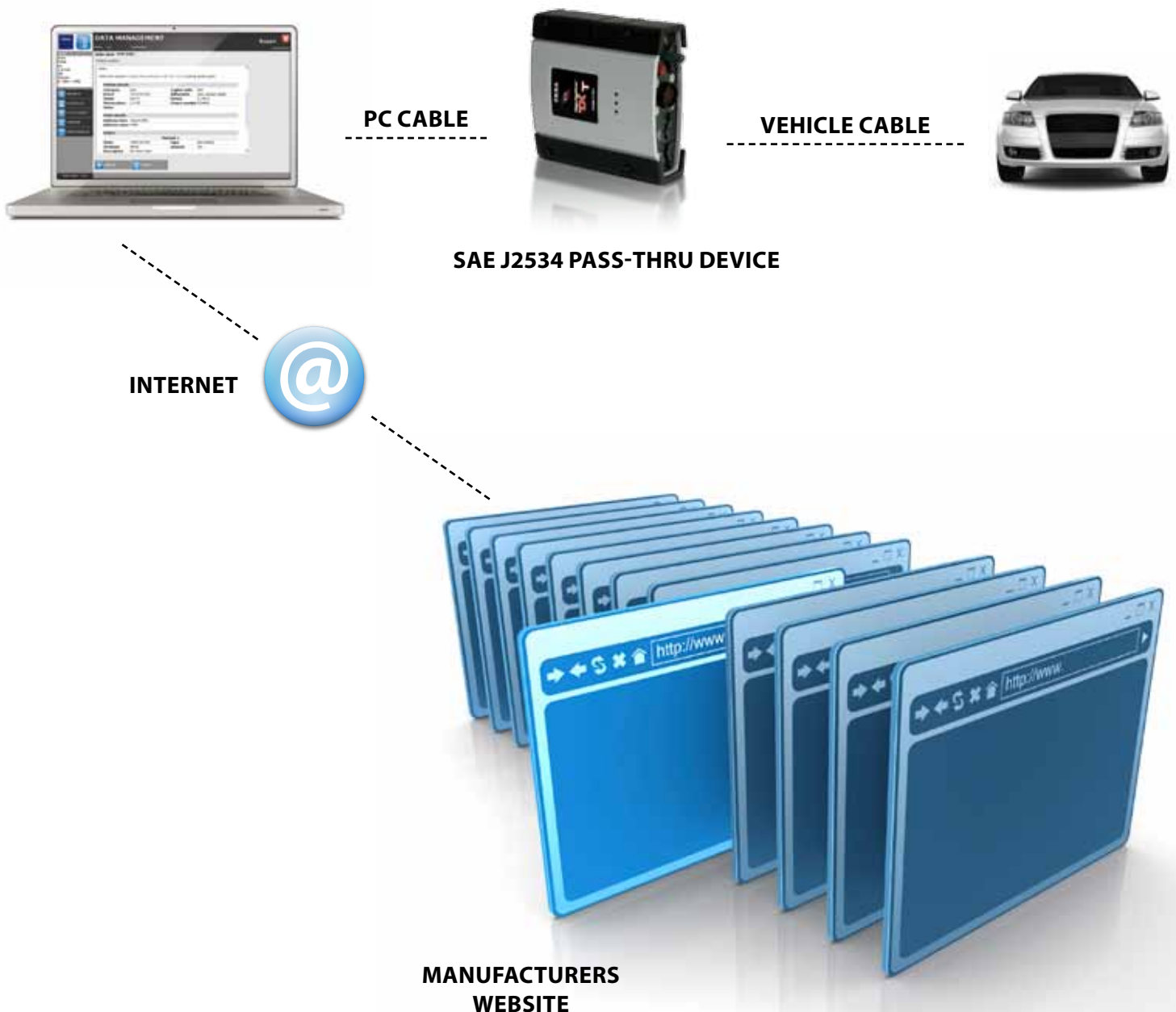
NEW PASS-THRU PROTOCOL

The EURO 5 standard that came into force on the 1st September 2009 obliges manufacturers to homologate all new models of car in conformity to new, stricter emission limits. EURO5 also incorporates the new SAE J2534 standard that liberalises the reprogramming of electronic control units. This has placed independent garages on the same level as official dealers as far as operations like eliminating engine malfunctions and encrypting copies of keys are concerned.

The PASS-THRU standard, as it is commonly referred to, makes it possible for any repair shop to connect to the central server of any vehicle manufacturer and download software packages or official technical information.

All you need is a PC connected to the Internet and a diagnostic tool compatible with J2534 standard to transfer the downloaded data to the vehicle.

The NAVIGATOR TXT, the most complete and best performing of the NAVIGATOR range, is a highly evolved tool and already compatible with the PASS-THRU protocol. It can therefore perform all the ECU reprogramming and key encrypting operations covered by SAE J2534 standard.



TWO UNIT DIAGNOSTICS

All conventional diagnostic tools, even the most efficient, are restricted by one thing: the length of their diagnostic connection cable. Thanks to its constant commitment to research and development, TEXA can offer innovative solutions that do not require cables to connect either to the display unit or to a mains power socket.



The diagnostic tool NAVIGATOR range allow mechanics to run tests on all the electronic systems on a vehicle while walking around it, without any cables getting in the way.

It is no longer a problem, for example, to move from one wheel to another while performing direct checks on a braking system; or to check the correct functioning of a commercial vehicle or trailer's rear lights directly from the back of that vehicle.

TEXA has introduced a new, far more practical, efficient and safe way of working!

"Two unit diagnostics" is one of the most important innovations that TEXA has developed in recent years, with the introduction of portable display units (the AXONE range) and wireless instruments not only for diagnostics, but measurement (UNIProbe) and exhaust analysis too (GASBOX Autopower, OPABOX Autopower, RC2 and RC3).

This has been possible thanks to Bluetooth technology, which is implemented on all the tools in the NAVIGATOR range, and permits wireless connectivity with any TEXA interface within a distance of 60 metres.



All TEXA devices use certified Bluetooth modules.

NEW OPERATING SOFTWARE IDC4


















TEXA's new IDC4 is an evolved and complete operative software available on the market. It combines versatility and ease of use with highly-innovative functions and applications. As standard on all TEXA diagnosis and self-diagnosis instruments, it can be installed on Windows desktop or laptop PC already in a workshop. It is the first solution that is able to assist the mechanic in his work, combining the diagnosis devices with a complete, professional databank.



























IDC4 is therefore not only diagnosis software, it is a real professional partner for a mechanic, an irreplaceable companion.

- **Incorporates 5 different types of vehicles;**
- **It's a diagnosis software with an extraordinary coverage of makes and models of vehicles;**
- **It manages all TEXA instruments in the workshop;**
- **It contains all technical information necessary for repair.**

IDC4 is available in several different versions depending on the instrument used and its contents.

INSTRUMENT	SOFTWARE AVAILABLE			ENVIRONMENT AVAILABLE
	IDC4 LIGHT	IDC4 PLUS	IDC4 PLUS INFO	
 AXONE 3 Mobile	✗	✓	✗	    
 Windows PC (interfaces series NAVIGATOR TX, TRIBOX Mobile and UNIProbe)	✓	✓		    
				✓
			✓	    

INSTRUMENT	SOFTWARE AVAILABLE		ENVIRONMENT AVAILABLE
	IDC4 POCKET LIGHT	IDC4 POCKET PLUS	
 AXONE Palmtop	✗	✓	    
 AXONE Pad	✗	✓	    
 AXONE Direct	✗	✓	    
 AXONE Smart	✓	✓	    

IDC4 IS MUCH MORE

'SEARCH' FUNCTION POWERED BY GOOGLE *

With an internet connection available, IDC4 is able to search the TEXA databases for repair procedures that have already been tried and tested.

Once the vehicle has been selected, the mechanic can send a request directly by clicking on a specific icon. In just a few seconds, he will obtain an efficient response on how to intervene. The TEXA servers feature countless solutions to all sorts of problems encountered by call centres the world over. They are further enhanced with around 100 new solutions every week.

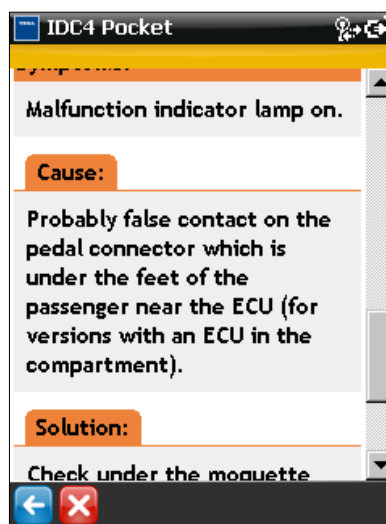


powered by Google

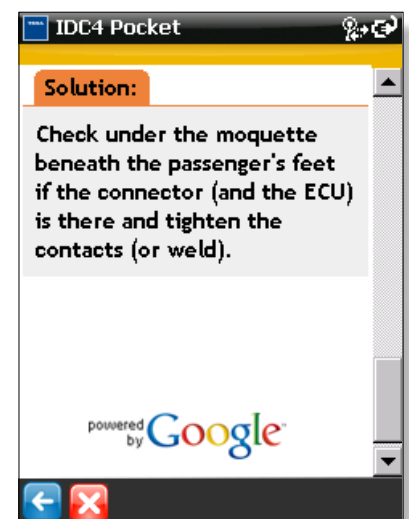
* The subscription-based service is available within both the IDC4 Pocket version and the IDC4 version for PCs and AXONE 3 Mobile.



During a repair, by selecting the 'SEARCH' button, the programme automatically searches amongst all information available with regards to the model and electronic system selected.



In a simple and immediate manner, the special search function connects to the central TEXA databank, downloading all information available at that precise moment in real time.



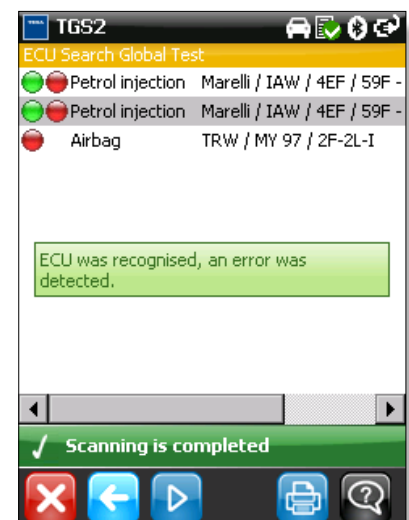
The selected card states the cause of the problem and the solution already developed and verified through the experience of the international TEXA call centres.

TGS2 FUNCTION

The **TGS2 (TEXA Global Scan 2)*** function is the innovation included as standard in IDC4 that allows for the automatic scanning of vehicle's available electronic control units.



All systems can be scanned, or specific selected ECU's, and the software will automatically verify the correct recognition of the control unit and any errors present. In this case, by clicking on the specific icon, we enter the self-diagnosis directly, with no need to start the application up again.



In this case, the control unit has been recognised and the communication has been successful. An error has been reported.

* Not available for NAVIGATOR TXB

TECHNICAL SPECIFICATIONS

Dimensions: 160x170x55mm

Weight: 1.0 Kg for NAVIGATOR TXT and NAVIGATOR TXC;
1.1 Kg for NAVIGATOR TXB.

Processor: INTEL PXA255 400MHz.

Internal memory: 64 Mb SDRAM, 64 Mb FLASH.

External power supply: 8 to 32 Volts.

Typical power draw at 12V: 0.25 A.

Typical power draw at 24V: 0.18 A (only for NAVIGATOR TXT and NAVIGATOR TXC).

Power supply connector: 4 pin mini-DIN, or from diagnostic cable.

USB ports: 1 USB 2.0 device, 1 USB 2.0 Host, possibility to update SW via USB memory stick.

Wireless communication with PC: Bluetooth 2.0.

Electronic switching: 13 K & E lines, 13 L lines for NAVIGATOR TXT and NAVIGATOR TXC;

5 K lines, 3 L lines for NAVIGATOR TXB with 100 mA FPGA based current protection.

Diagnostics connector: AMP CPC2 series 28 pin, male contacts for NAVIGATOR TXT and NAVIGATOR TXC; AMP CPC series 16 pin, male contacts for NAVIGATOR TXB;

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

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

Operating relative humidity: 10% to 80%, non-condensing.

Communication protocols supported by NAVIGATOR TXT and NAVIGATOR TXC

Blink codes

CAN ISO 11898 and ISO 15765-4, K, L, ISO9141-2, 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

NAVIGATOR TXT is compatible with the PASS-THRU SAE J2534-1 API protocol

Communication protocols supported by NAVIGATOR TXB

Blink codes

K, L, ISO9141-2, ISO14230, CAN ISO11898, ISO11519-2, SAE J1850 PWM, SAE J1850 VPW

WARNING

The trademarks and logos of vehicle manufacturers in this brochure have been used exclusively for information purposes and are used to clarify the compatibility of TEXA products with the models of vehicles identified by the trademarks and logos. Because TEXA products and software are subject to continuous developments and updates, upon reading this brochure they may not be able to carry out the diagnosis of all the models and electronic systems of each vehicle manufacturer mentioned within the brochure. References to the makes, models and electronic systems within this brochure must therefore be considered purely indicative and TEXA recommends to always check the list of the "Systems that can be diagnosed" of the product and/or software at TEXA authorized retailers before any purchase. **The images and the vehicle outlines within the brochure have been included for the sole purpose of making it easier to identify the vehicle category (car, truck, motorbike, etc.) for which the TEXA product and/or software is intended.** The data, descriptions and illustrations may change compared to those described in this brochure. TEXA S.p.A. reserves the right to make changes to its products without prior notice.

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