

NEW



NAVIGATOR TX Range



TEXA

THE NAVIGATOR TX RANGE OF V

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

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

Thanks to up 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%.

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

The NAVIGATOR TX interfaces let you perform all common auto-diagnostic tests including:

- error reading and erasing;
- viewing system parameter and status;
- vehicle Service reset and adaption;
- airbag;
- control unit configuration;
- keys and remote controls;
- adjustment of fueling and injection (BIKE sector).



IDC4 SOFTWARE

All TEXA diagnosis and self-diagnosis interfaces use the latest IDC4 software; it has been designed to allow you to obtain a series of additional data – technical bulletins, component sheets, wiring diagrams – directly from your display unit.

This software in conjunction with the NAVIGATOR TX interfaces also feature the exclusive **“SOLVED PROBLEMS” powered by Google** function and the TGS2 function for the automatic scanning of vehicle systems.

CONNECTIVITY

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

NAVIGATOR TXC



FOR CARS, LIGHT
COMMERCIAL
VEHICLES AND MOTORBIKES



MULTI PEGASO



VEHICLE DIAGNOSTIC INTERFACES

NAVIGATOR TXT



FOR ALL TYPES OF VEHICLE



NAVIGATOR TXB



FOR MOTORBIKES, QUADS
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 tools in operation visit
www.texa.com/demo

For information on IDC4 compatibility and
minimum system requirements go to
www.texa.com/system

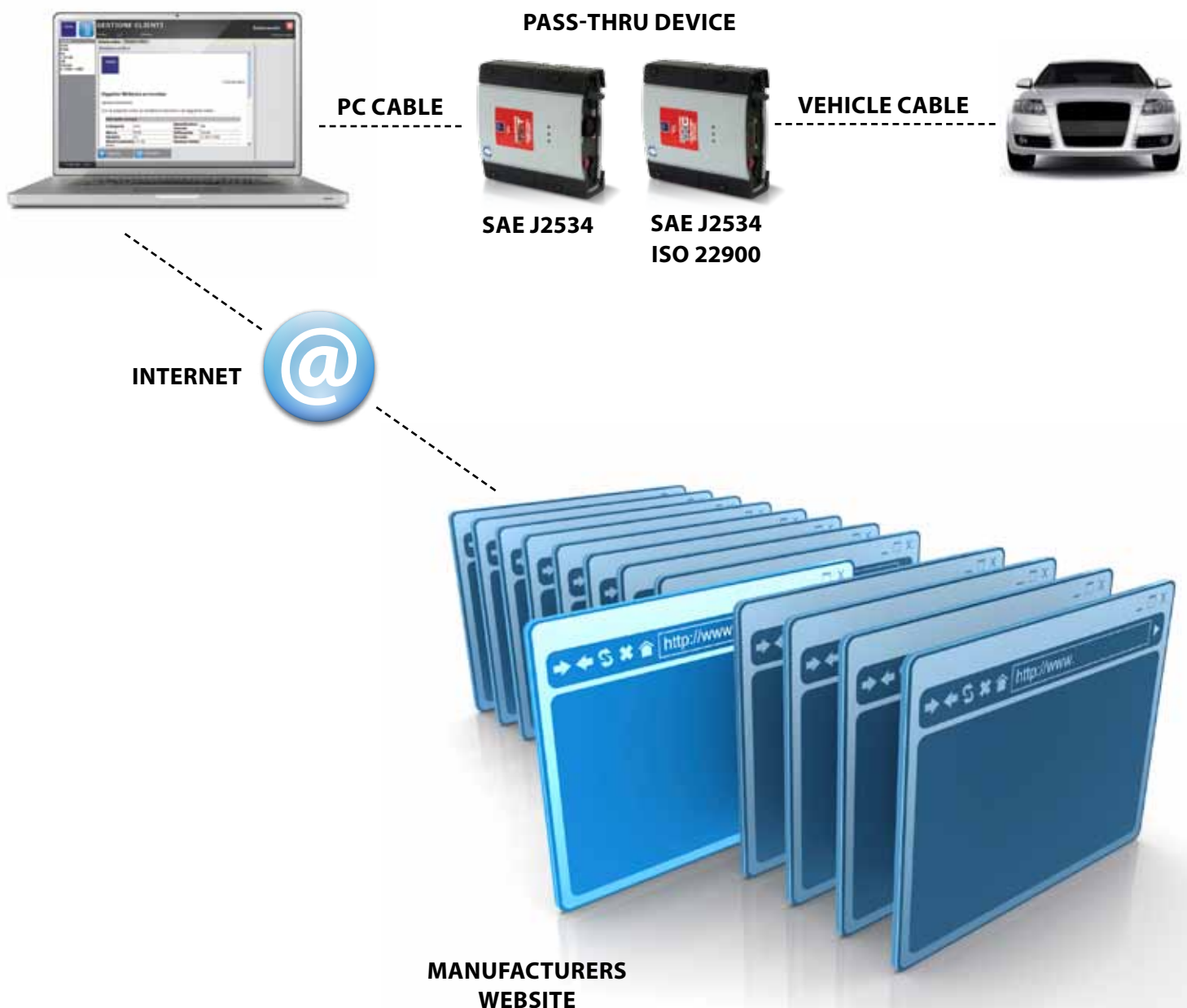
NEW PASS-THRU PROTOCOL

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 and ISO 22900 standards that allows the reprogramming of electronic control units. This offers the independent garages access to the same level as official dealers as far as operations like eliminating malfunctions via software updates, when they have a connection to the specific manufactures website.

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

With this access in place, and a PC connected to the Internet, a compatible diagnostic tool for the SAE J2534 or ISO 22900 standard, downloaded data can be transferred 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 J2534 PASS-THRU protocol. It can therefore perform all the ECU reprogramming that is made available.



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 technicians 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 units 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 the most advanced and complete operating 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 tools, it can be installed on a Windows desktop or laptop PC already in a workshop. It is the first solution that is able to assist the technician in his work, combining the diagnosis devices with a complete, professional databank.
























The IDC4 is therefore not only diagnosis software; it is a real professional partner for a technician, 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 the TEXA tools 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.

TOOL		SOFTWARE AVAILABLE			ENVIRONMENT AVAILABLE				
		IDC4 LIGHT	IDC4 PLUS INFO	IDC4 PLUS					
	AXONE 4								
	Commercial PC (interfaces series NAVIGATOR TX, UNIProbe and TwinProbe)								
									
									

TOOL		SOFTWARE AVAILABLE		ENVIRONMENT AVAILABLE				
		IDC4 POCKET LIGHT	IDC4 POCKET PLUS					
	AXONE Palmtop AXONE Pad AXONE Direct							
								
	AXONE Smart							

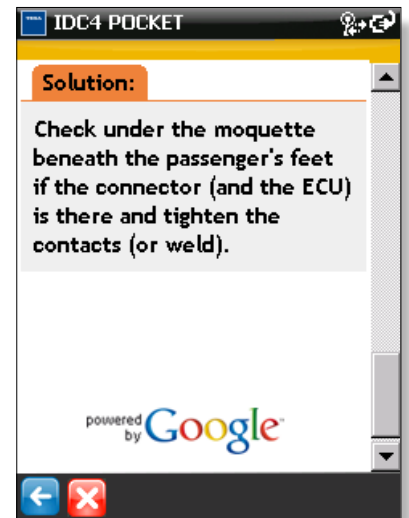
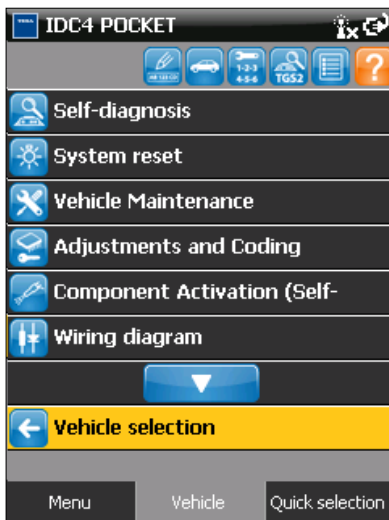
IDC4 IS MUCH MORE

“SOLVED PROBLEMS” 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 technician can send a request directly by clicking on a specific icon. In just a few seconds, they will be able to obtain an efficient response on how to intervene.

The TEXA servers feature countless solutions to all sorts of the problems encountered by call centres all over the world. They are further enhanced with new solutions every week.



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

STRAIGHT TO THE POINT!

An innovative application allows to perform immediately the more frequent interventions and those regarding the scheduled maintenance. By selecting the individual operations from a specific list, the software automatically connects the functions to the electronic system of reference, thereby relieving the mechanic of having to search out what system they refer to.

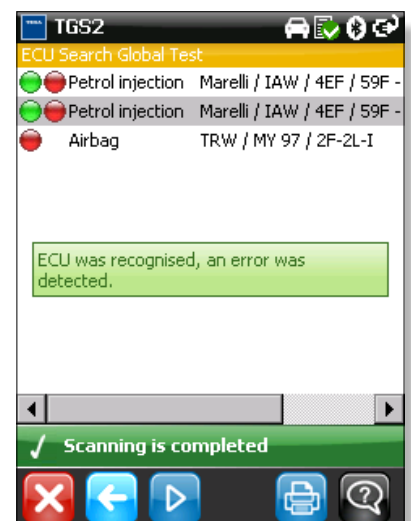
TGS2 FUNCTION



The **TGS2 (TEXA Global Scan 2)*** function is another innovation included as standard in the IDC4 software. TGS2 lets you perform automatic scans of all the recognised electronic control units on the vehicle.

You can choose to scan all the systems or select specific ECU's. It then performs a fully automatic scan to ensure correct recognition of the ECU and identification of any errors.

If any errors are found in the control unit, you can switch directly to auto-diagnostics mode simply by clicking the relevant icon, without having to restart the application.



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

*Available only for NAVIGATOR TXT and NAVIGATOR TXC.

TECHNICAL SPECIFICATIONS

Processor: CORTEX M3 STM32F103ZG 72 MHz, FLASH 1024 KBytes, SRAM 96 Kbytes

External SRAM memory: 8 MBit organised as 512 KBytes x 16 bit

Internal PSRAM memory: 128 MBit organised as 8 MBytes x 16 bit

External Flash NAND memory: 132 MBit on 8 bit bus

Vehicle battery:

NAVIGATOR TXT/TXC: 12 VDC and at 24 VDC systems management; NAVIGATOR TXB: 12 VDC systems management

External power supply:

NAVIGATOR TXT/TXC: 8 ÷ 32 V;

NAVIGATOR TXB: 8 ÷ 16 V

USB communication: virtual RS232 via USB 2.0 Device

Wireless connection: Bluetooth Class 1 (30 m)

Electronic switch: 2 ways, 13 independent positions

Diagnostic connector:

NAVIGATOR TXT: 28 pin CPC 28

NAVIGATOR TXC: DSUB-26HD standard ISO 22900-1

NAVIGATOR TXB: 16 pin CPC 16

Control unit reprogramming connector: PV as required by the SAE J2534 protocol (only NAVIGATOR TXT and TXC)

Supported protocols:

- Blink codes
- K, L (with current protection 100 mA), ISO9141-2, ISO14230
- CAN ISO11898, ISO11519-2
- SAE J1850 PWM
- SAE J1850 VPW
- SAE J2534-1 (only NAVIGATOR TXT and TXC)

Power supply connector: 4 pin power mini-din

Visual warnings: 1 green LED, 1 red LED, 1 blue LED

12 V consumption: 0.25 A typical

24 V consumption: 0.18 A typical (only NAVIGATOR TXT and TXC)

Operating temperature: 0 ÷ 50 °C

Storage temperature: - 20 ÷ 60 °C

Operating relative humidity: 10 ÷ 80 % non-condensing

Dimensions: 160x170x55 mm

Weight:

NAVIGATOR TXT/TXC: 1 kg;

NAVIGATOR TXB: 1,1 kg

Standards:

- Directive: 1999/5/EC
- Safety: EN 60950
- Electromagnetic Compatibility: EN 55022, EN 55024, EN 301 489-1
- Radio systems: EN 301 489-17, EN 300 328-2

WARNING

The trademarks and logos of vehicle manufacturers in this document 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 document they may not be able to carry out the DIAGNOSTICS of all the models and electronic systems of each vehicle manufacturer mentioned within this document. References to the makes, models and electronic systems within this document 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 this document 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 document. TEXA S.p.A. reserves the right to make changes to its products without prior notice.



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TEXA

TEXA S.p.A.
Via I Maggio, 9
31050 Monastier di Treviso
Treviso - ITALY
Tel. +39 0422 791311
Fax +39 0422 791300
www.texa.com - info@texa.it

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