

TEXA

DIAGNOSTIC SOLUTIONS



North American

CAS
Connected Automotive Systems

GLOBAL SPECIALISTS IN DIAGNOSTICS

TEXA is a world leader in Automotive, HD TRUCK, AGRICULTURE, POWERSPORTS, and MARINE diagnostic solutions. Over the last twenty years professional technicians worldwide have come to depend on our commitment to innovation and reliability to tackle the complexity of today's sophisticated systems. Constant development and utmost care in both design and production have led to the creation of highly evolved solutions that are complete in every way. These solutions provide today's repair professionals with all the support they need and represent an unrivalled offering to industries we serve.

Ever since its formation in 1992, TEXA has based its success on continuous innovation and constant technological development. As a result of this approach, TEXA has received recognition for innovation from major international automotive exhibitions in Germany, France and Spain. In 2011 TEXA was acknowledged as the most innovative company in Italy.

TEXA pays careful attention to quality throughout the production process, and is certified according to the standard applied to suppliers of original equipment to the automotive industry: ISO TS 16949.



TEXA'S MULTI-ENVIRONMENT APPROACH

TEXA's IDC4 software functions in **five** different environments:

- **CAR** (cars, supercars and light commercial vehicles);
- **POWERSPORTS** (motorcycles, scooters, quads and jet skis);
- **TRUCK** (light and heavy goods vehicles, trailers and semi-trailers, industrial engines and buses);
- **OFF-HIGHWAY** (industrial vehicles, agricultural vehicles and industrial engines);
- **MARINE** (inboard and outboard motors and jet skis).

Within each of these environments, TEXA guarantees unrivalled and constantly expanding coverage in terms of makes and models and systems covered. Thanks to development teams located around the world, TEXA's coverage includes vehicles found all over the world.



A COMPLETE AND MODULAR OFFER

For the North American market, TEXA offers three dedicated tools characterised by excellent quality, robust build and ease of use.

NAVIGATOR TXTs

An advanced diagnostic interface that guarantees complete and reliable diagnostics in all five environments.



TEXA's diagnostic tools operate in conjunction with IDC4 software to perform all the tasks required of a modern repair facility.

Our IDC4 software is based on the Windows operating system. It provides diagnostic resources, a database with interactive wiring diagrams, detailed system and component datasheets, technical bulletins and mechanical data using an intuitive and easy-to-follow interface.

IDC4 is constantly updated to ensure coverage not only for older models but also current vehicles.

NAVIGATOR TXB

a special interface for the POWERSPORTS environment, used by some of the world's leading manufacturers.



BIKE



QUAD



JET SKI



TTC

a special tool for checking the tension of engine cam belts, developed to Ducati's own specifications.



BIKE



A person is sitting in the driver's seat of a car, using a laptop to perform diagnostics. The laptop screen displays a software interface with various data fields and graphs. The car's interior is visible, including the steering wheel, dashboard, and gear shift. The text "MULTIBRAND DIAGNOSTICS: NAVIGATOR TXTs" is overlaid on the image in large white letters.

MULTIBRAND DIAGNOSTICS: NAVIGATOR TXTs





Certifications



The 26 pin NAVIGATOR TXTs is a powerful, multi-brand and multi-environment, diagnostic tool. It can communicate with a standard Windows PC over a Bluetooth link to ensure maximum freedom of movement while performing diagnostic tests. NAVIGATOR TXTs is ideal for use in all environments. Used in conjunction with the relevant version of IDC4 diagnostic software, it provides a single interface for work on all types of vehicles including cars, bikes, quads, jet skis, trucks, agricultural and construction, and marine applications. This amazing versatility allows the independent repair facility to expand its business gradually over time in order to cater to the needs of different customers.



MULTIBRAND DIAGNOSTICS: NAVIGATOR TXB





Certifications



TEXA's NAVIGATOR TXB is the diagnostic interface adopted by some of the world's leading motorcycle manufacturers, including Ducati, MV Agusta, Benelli and others. NAVIGATOR TXB allows you to read codes, clear codes, monitor data parameters, perform activation tests, ECU coding and adjustments, fuel system mappings, key programming and more. NAVIGATOR TXB utilizes Bluetooth technology for greater flexibility in diagnosis, but can also be connected via USB where Bluetooth is not available.

TEXA's NAVIGATOR TXB with POWERSPORTS software represents the most reliable, effective and complete solution today on the market.



MEASUREMENT TTC

ENGINEERED
TO DUCATI
SPECIFICATIONS





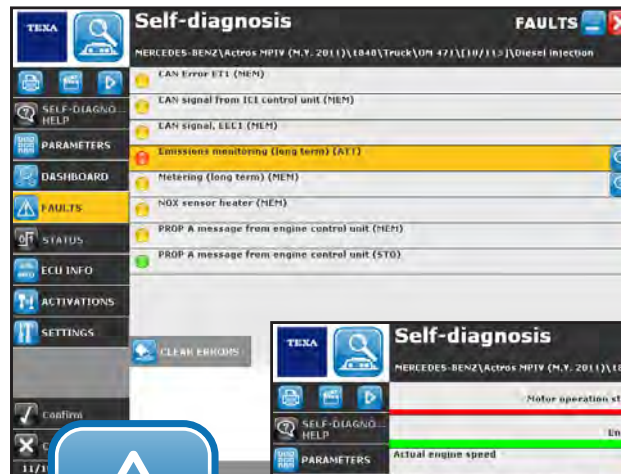
TTC is a special tool for checking the tension of engine cam belts, developed to Ducati's specifications. TTC measures belt tension by means of a highly sensitive microphone that allows the belt's resonant frequency to be analyzed. It requires no cables and is self-powered by rechargeable batteries (battery charger supplied).

TTC does not need to be connected to any other tool as it displays results directly on its own screen. Compact and lightweight, TTC combines advanced technology with a uniquely convenient and practical design that lets you check and adjust cam belt tension accurately and professionally.



UNBEATABLE AUTODIAGNOSTICS

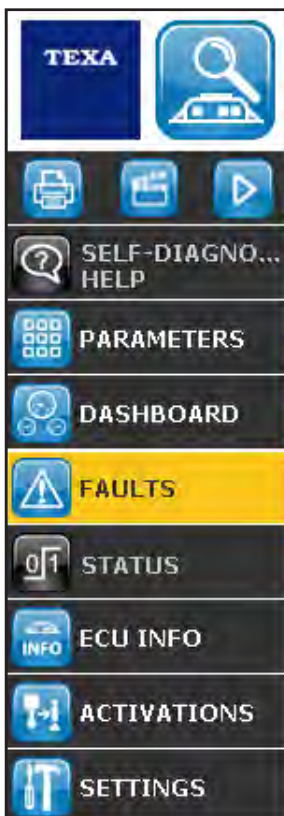
What you need where you need it, in a clean and intuitive layout is at the heart of the IDC4 software. Whether you are serving different vehicle models, or switching between different environments, such as CAR to MARINE, the IDC4 software navigation remains the same. Select all of the functions, as well as access technical data, wiring diagrams, and much more from the main task bar on the left side of the screen.



Color coded DTC reorting:
Red = Current Fault
Yellow = History Fault
Green = Fault cleared by user during Current diagnostic session



PARAMETERS/STATUSES screen of inputs and outputs processed by the ECU with a numerical and graphic display.



Airbag



Cabin control



Parking help



Driver side door



Alarm



Vehicle checkup



Body computer



Throttle bodies adjustment

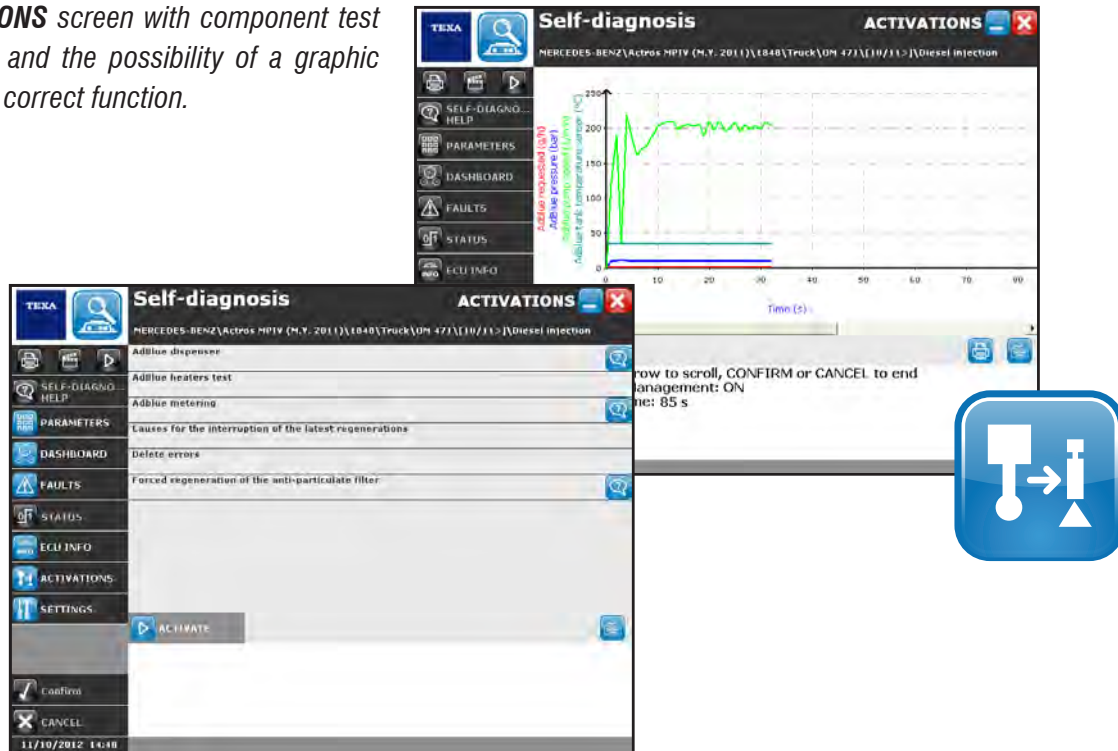


Service system

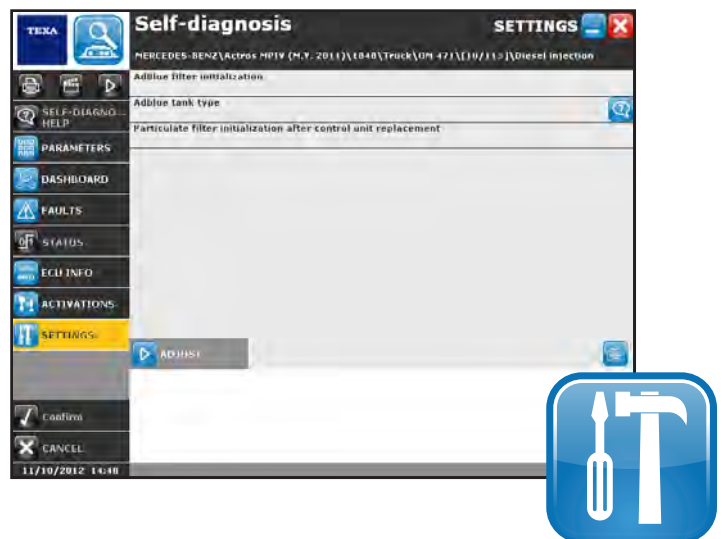


Injection adjustment

ACTIVATIONS screen with component test functions and the possibility of a graphic report on correct function.



SETTINGS screen with the possibility of calibrating, initialising and programming the selected system to complete the repair.



Errors



Recording of the diagnosis session (Rec & Play)



Wiring diagrams



Parameter



Database and log of customers/works



Global SCAN



Settings



Immobilizer



ECU Info



Self-diagnosis help



Global error search



Printouts



Hands Free



Freeze Frame

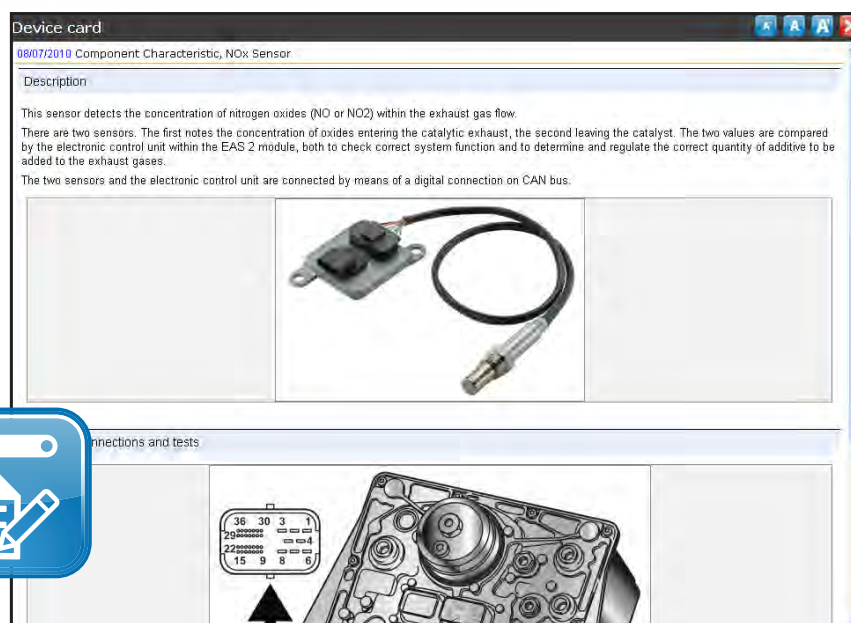


and many other...

Diagnostics alone is simply not enough. TEXA is dedicated to providing not only advanced diagnostic capabilities but to go one step further and provide the technician the information needed to properly diagnose, and repair any given systems. As we are continually innovating our diagnostic. Software we are at the same time expanding our comprehensive information database.



During diagnosis, cards may be available providing technical details of the diagnostic system, giving the operator all the information necessary to carry out complete diagnostics



Service illustrations

Pollen filter

Front axle

Card

The EAS system consists of a module containing the various components. The individual elements cannot, however, be separately dismantled and repaired but should be considered a single body.

The EAS 2 system differs from the first version only in terms of the addition of the sensors for detecting nitrogen oxide (NOx) concentrations in exhaust gases entering and leaving the catalyst.

Manual gearbox

ZF 8/16S-151/181
16S 221

60 Nm

60 Nm

Manual gearbox

AS-TRONIC

Card

The EAS system comprises the following components:

1. AdBlue™ tank
2. Air supply
3. Air filter
4. Pre-filter
5. Exhaust air valve
6. Pump
7. AdBlue™ temperature sensor (in the tank)
8. AdBlue™ level sensor (in the tank)
9. Air pressure limiting valve
10. Air pressure sensor prior to the regulator
11. Air pressure sensor after the regulator
12. Onstage valve
13. Mixing chamber
14. Temperature sensor after catalytic converter
15. Injector
16. Temperature sensor before catalytic converter
17. Relay
18. AdBlue™ pressure sensor

Truck/DAF/XF 105/106/110/Truck/...[L-/R5-]
...Bosch/EAS 2/L-/L-/06>1/

Device location

Diagram key

Codes for functions	
[Red line]	Battery power
[Black line]	Ground
[Blue line]	Control unit output signal
[Purple line]	Control unit input signal
[Orange line]	Data not available
[Green line]	Power supply from control unit
[Brown line]	Power output signal
[Dark green line]	High speed CAN BUS line
[Yellow line]	Medium speed CAN BUS line
[Light green line]	Low speed CAN BUS line

TEXA SPECIAL FUNCTION

TGS3s

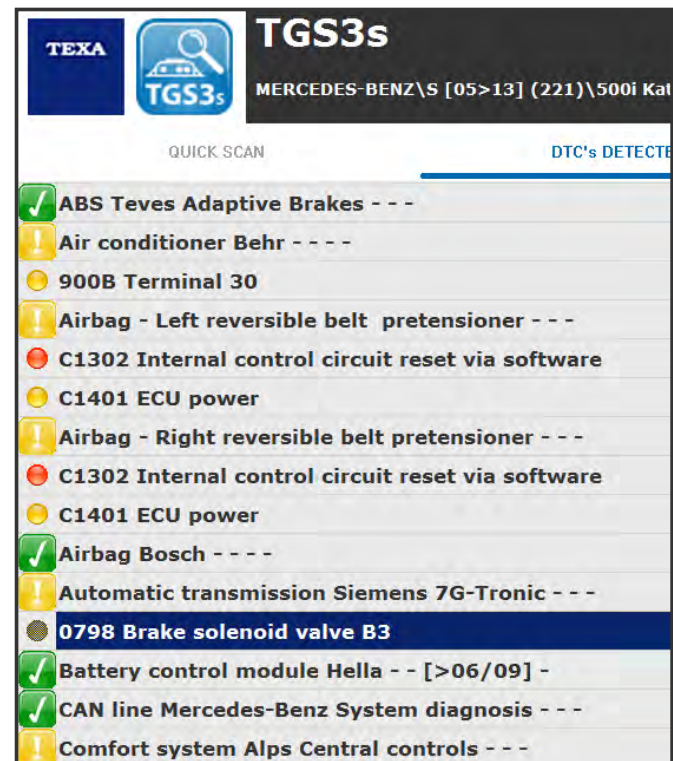


TGS3s (TEXA Global Scan 3) is an onboard ECU diagnosis scan.

Thanks to its impressive ability to recognise different ECUs and automatically diagnose them, TGS3s can display results as soon as the scan ends. TGS3s identifies not only all the control units on board a vehicle, but even the exact variants for that particular model, and flags up any errors that have been detected.

As soon as the results of the scan become available, you can select any control unit from the list to run an autodiagnostic test on it.

* TGS3s scanning may not function with older models of vehicle since previous generation control units may not support the latest scanning functionalities.



Straight to the point!



An innovative application ensures fast and immediate routine maintenance operations, by simply selecting them from a list; the software automatically links the functions to the corresponding electronic system, meaning the technician no longer has to waste time searching within the various systems.

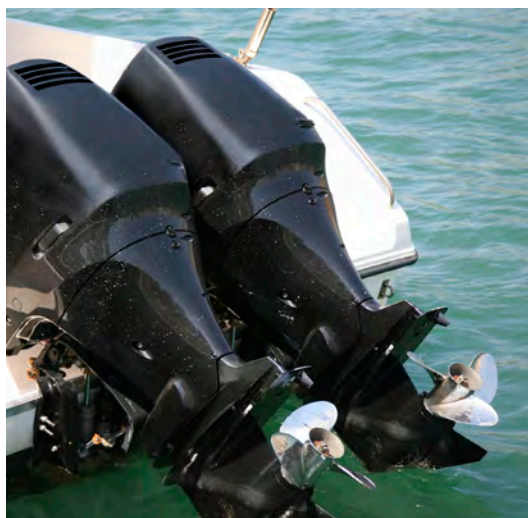
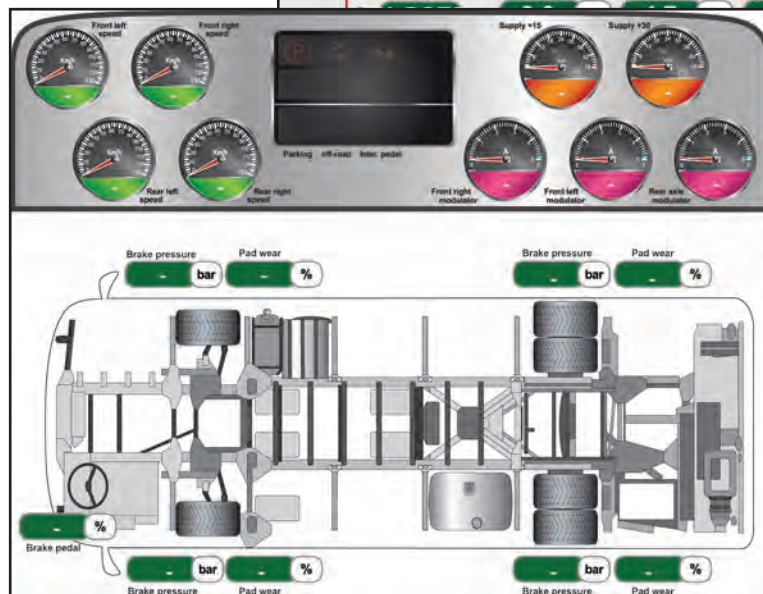
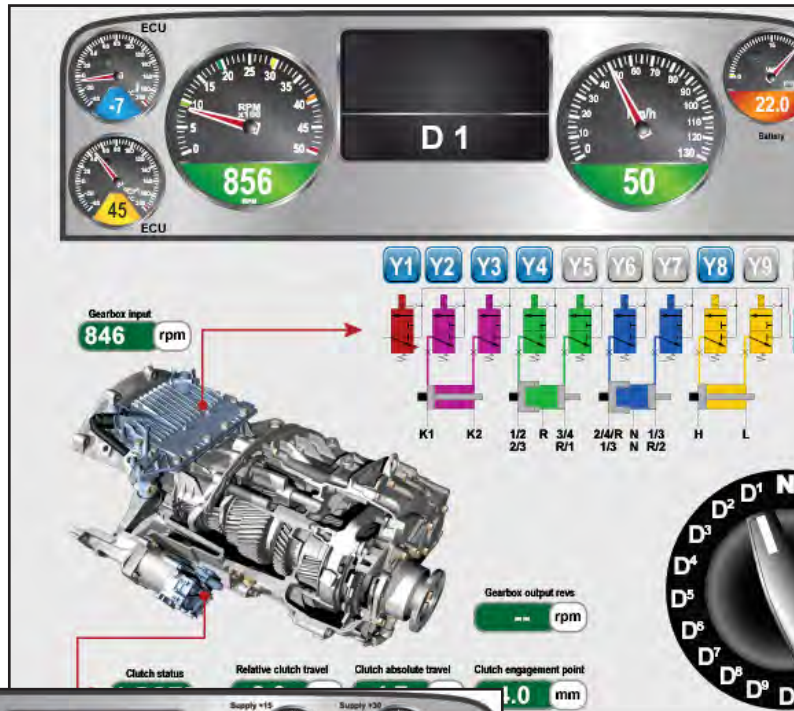


ONS

DASHBOARD



One of the exclusive functions made available by IDC4 software is DASHBOARD, offering the ability to display the vehicle's data parameters, associated with user-friendly and attractive graphics that reproduce a dashboard, mechanical components and system operating logic.



Special POWERSPORTS functions

In addition to extremely thorough diagnostics, TEXA also offers customers a number of special functions and configurations. These include Global Scan, which scans the entire vehicle for ECUs, and detects any recorded errors.

Including:

- ECU date and time
- clock format
- distance in kilometres or miles
- temperature in °C or °F
- fuel tank float calibration
- key registration
- CO adjustments
- and many more

TEXA software is also able to perform a large number of settings on bikes, quads and PWCs, ranging from heated grip enabling to display setting changes.



TEXA

←

→

⌂

?

📁

TEXA IDC4 Plus

☆

Men...

>

Dia...

>

PWC...

>

SEA...

>

RXP...

>

149...

>

PWC...

↓

Enter plate number

🔍

🔧

Global Scan

🔍

Self-diagnosis

⚙️

Special Functions

🔧

Maintenance

Special Functions

Special adjustments

Manufacturer:	Model:	Version:	Period:	NOTE:
-	-	-	[-- / 12>]	Display configuration change
-	-	-	[-- / 12>]	Key registration

TEXA

←

→

⌂

?

📁

TEXA IDC4 Plus

☆

Men...

>

Dia...

>

Mot...

>

BMW...

>

R 1...

>

1171 i.e.

>

Motorcycle (Enduro)

>

[-- / 09>-- / 13]

↓

Enter plate number

🔍

🔧

Global Scan

🔍

Self-diagnosis

⚙️

Special Functions

🔧

Maintenance service

📖

Technical information ...

🔧

Tools and Utility Progr...

❓

Solved Problems

Special Functions

CIP – Special Settings

Manufacturer:	Model:	Version:	Period:	NOTE:
PREH	-	-	[-- / 09>-- / 13]	Change display settings
Siemens VDO	KI	-	[-- / 09>-- / 13]	Change display settings
Siemens VDO	KI	-	[-- / 09>-- / 13]	Electronic suspension calibration
Siemens VDO	KI	-	[-- / 09>-- / 13]	Heated handle grip configuration
Siemens VDO	KI	-	[-- / 09>-- / 13]	Tank float calibration

🔧

Guided components check

25/07/2013 14:17

© copyright and database right 2005-2013

Special TRUCK functions

These are just a few of the advanced special functions TEXA offers for HD Truck Systems:

- reprogramming of new generation air dryers (APU: Air Processing Unit / APM: Air Processing Module);
- complete programming of ZF As-Tronic® transmissions;
- advanced configuration of new EBS braking systems on trailers;
- replacement of electronic control units, with the ability to transfer the parameter settings from the old to the new unit.

These functions have been fully implemented on IDC4 TRUCK, for simple and safe operation.

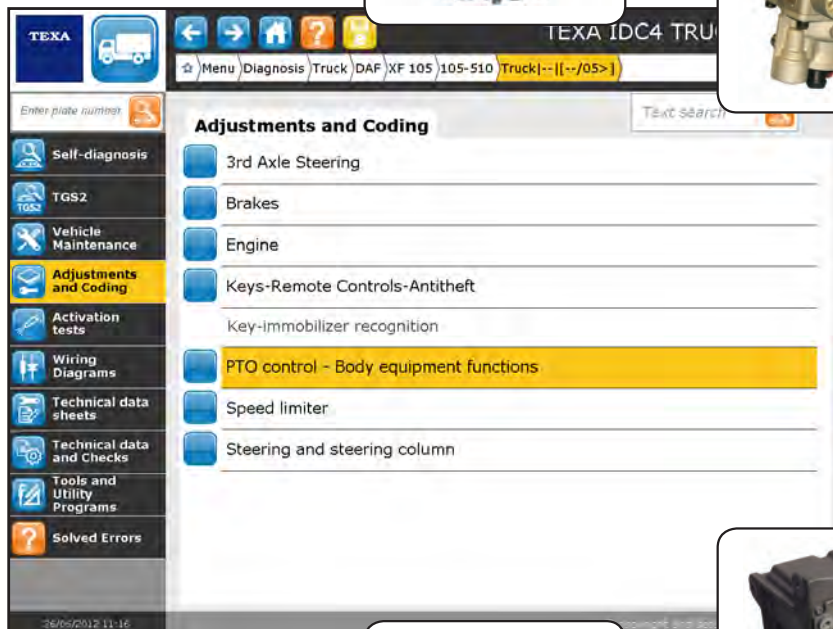


Knorr TEBS G2

Knorr APU/APM



Wabco EBS-2



ZF As-tronic



Wabco EBS-E



Bosch Denoxtronic

WITH ISUPPORT FROM YOU'RE NEVER ALONE

iSupport

This function can be used to send a service request by simply entering the type of vehicle and the system being serviced, then describing the specific problem that cannot be solved.

The TEXA call center will immediately deal with the request and provide a response to solve the problem in the shortest possible time.



Continuous update



The TEXA Continuous Updates function allows customers to download specific packages corresponding to new vehicles and new models whenever these become available, without having to wait for the next complete version upgrade.

By signing up for a TEXPACK annual subscription, customers will be promptly notified of any new software available for download, ensuring their tools are always up-to-date with the latest coverage.



TEXA,

Diagnostic coverage portal

Want to know more? Have you ever asked your distributor "will this tool do...?" We understand so to better serve our current customers and our future customers we have designed an in-depth interactive portal detailing our extensive coverage for all environments. Register today at www.texa.com/coverage for a complete and up to date listing of our coverage.

The screenshot displays the TEXA Diagnostic Coverage Portal interface, which is organized into several sections based on vehicle type and brand.

Vehicle Categories:

- BUS:** Includes Freightliner.
- TRUCK:** Includes Ford, International, and Kenworth.
- MOTORCYCLES:** Includes Harley-Davidson.
- BIKE/Powersports:** Includes 19.0.0.

Brand Selection: Users can select a brand (e.g., Mercedes-Benz, Ferrari, Porsche, Maserati) to view detailed diagnostic coverage.

Diagnostic Coverage Table (Example for Mercedes-Benz):

MODEL	ENGINE	SYSTEM	DIAGNOSIS
Coupe [01>]	4.2i V8 Kat	Automatic transmis. - Marelli Clutchless manual transmis. - Sofast 3	[Icons]
Coupe [01>]	4.2i V8 Kat	Immobil. - Bosch	[Icons]
Coupe [01>]	4.2i V8 Kat	Petrol injection - Bosch Motronic	[Icons]
Coupe [01>]	4.2i V8 Kat	Petrol injection	[Icons]
Quattro. V [04>]	4.2i V8 Kat	ABS - Bosch 8.0 - ABS/ESP	[Icons]
Quattro. V [04>]	4.2i V8 Kat	ABS - Bosch	[Icons]
Quattro. V [04>]	4.2i V8 Kat	Air condio. - Delphi	[Icons]
Quattro. V [04>]	4.2i V8 Kat	Airbag - TRW	[Icons]
Quattro. V [04>]	4.2i V8 Kat	Automatic transmis. - Marelli Clutchless manual transmis. - Sofast 3	[Icons]
Quattro. V [04>]	4.2i V8 Kat	Automatic transmis. - Marelli Clutchless manual transmis. - Sofast 3+	[Icons]
Quattro. V [04>]	4.2i V8 Kat	Automatic transmis. - Marelli Clutchless manual transmis.	[Icons]
Quattro. V [04>]	4.2i V8 Kat	Body computer - Marelli	[Icons]
Quattro. V [04>]	4.2i V8 Kat	CAN node (Nodo impetale) - Digtek EVO	[Icons]
Quattro. V [04>]	4.2i V8 Kat	CAN node (Nodo impetale) - Digtek	[Icons]

Legend: [Icons for various diagnostic functions]

Our interactive coverage portal will allow you to select the environment, year, make, model, and system for detailed analysis. The portal allows TEXA the opportunity to help you make an informed buying decision. Still want more information? Are you more of the hands-on person? If so than contact our local offices or local distributors throughout North America, you can find our contact information at www.texausa.com we look forward to serving you.



TEXA

TEXA was established in 1992 in Italy at Monastier di Treviso, and today is a European leader in the design and production of multibrand diagnostics tools, exhaust gas analyzers and air-conditioning maintenance stations.

TEXA has operations virtually all over the world, through an extensive distribution network, while in Spain, France, Great Britain, Germany, the United States, Poland, Russia and Japan, it markets its products directly through its own branches. TEXA now employs some 450 people around the world, including around 100 engineers and specialists working in Research and Development.

TEXA has also received extensive international recognition over the years: the company won the prestigious Frost & Sullivan award in 2006 and 2007, received the GIPA (Groupement Inter Professionnel de l'Automobile) prize in 2009 for the TEXAEDU program, and in the same year won a gold medal at the Grands Prix Internationaux de l'Innovation Automobile in Paris. In 2010 it won the Innovation award at Automechanika Frankfurt, and in 2011 the "Galeria de Innovacion" prize at Motortec in Madrid.

In 2011, the President of the Italian Republic Giorgio Napolitano presented founder and CEO Bruno Vianello with the national award for Italy's most innovative company. All TEXA tools are designed, engineered and built in Italy, using modern automated production lines. TEXA focuses careful attention on product quality, and has obtained certification in accordance with the strict ISO TS 16949 requirements for suppliers of original equipment to the automotive industry.







System requirements

Below you will find a list of system requirements for installing the software on a PC.

IDC4 i supported by the following Microsoft™ operating system:

- Windows™ Xp; Windows™ Vista; Windows™ 7; Windows™ 8

The IDC4 versions supported by the Windows™ 8 operating system are:





- IDC4 CAR 52 and following versions;
- IDC4 TRUCK 30 and following versions;
- IDC4 BIKE 19 and following versions;
- IDC4 MARINE 6 and following versions;
- IDC4 OFF-HIGHWAY 8 and following versions;

Requirements that are common to all supported Operating Systems

Requirement	Minimum	Recommended
Space on HARD DISK	4 GB	8 GB
Screen Resolution	1024x600 pixel	1024x600 pixel
DVD player	Yes	Yes
2 USB Ports	Yes	Yes
Internet Connection*	No	Yes
Bluetooth	No	Yes

(*) The connection is necessary in order to access the on-line services, perform updates, etc.

Specific requirements for each supported Operating System

Operating System	Requirement	Minimum	Recommended
	Service Pack	Service Pack 2	Service Pack 2
	RAM	512 MB	1 GB
	Browser	Internet Explorer	Internet Explorer 8
	Service Pack	Service Pack 1	Service Pack 2
	RAM	1 GB	2 GB
	Browser	Internet Explorer 8	Internet Explorer 9
	Service Pack	Service Pack 1	Service Pack 1
	RAM	1 GB	2 GB
	Browser	Internet Explorer 8	Internet Explorer 9
	Service Pack	--	--
	RAM	2 GB	2 GB
	Browser	Internet Explorer 10	Internet Explorer 10

In order to optimise the use and reduce the risk of possible compatibility problems, we recommend that this software be installed on a PC exclusively dedicated to workshop use.

To check out the extensive coverage of TEXA products, go to:
www.texa.com/coverage

To check on IDC4 compatibility and minimum system requirements, go to:
www.texa.com/system

**ALL TEXA PRODUCTS
ARE GUARANTEED
FOR 12 MONTHS**



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, motor-bike, 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.

CAS
Connected Automotive Systems

facebook
www.facebook.com/texacom

You Tube
www.youtube.com/texacom



The BLUETOOTH brand is the property of Bluetooth SIG, Inc., U.S.A., and is used by TEXA S.p.A. under license.

Copyright TEXA S.p.A.

December 2013 - North America - V.1.0