IDC5 SOFTWARE

OPERATING MANUAL

Rev.08

SUMMARY

IDC5 OPERATING MANUAL

INTRODUCTION

Dear Customer,

We would like to thank you for choosing a TEXA product for your workshop.

We are certain that you will get the greatest satisfaction from it and receive a great deal of help in your work.

Please read through the instructions in this manual carefully and keep it for future reference.

Reading and understanding the following manual will help you to avoid damage or personal injury caused by improper use of the product to which it refers.

TEXA S.p.A reserves the right to make any changes deemed necessary to improve the manual for any technical or marketing requirement; the company may do so at any time without prior notice.

This product is intended for use by technicians specialised in the automotive field only. Reading and understanding the information in this manual cannot replace adequate specialised training in this field.

The sole purpose of the manual is to illustrate the operation of the product sold. It is not intended to offer technical training of any kind and technicians will therefore carry out any interventions under their own responsibility and will be accountable for any damage or personal injury caused by negligence, carelessness, or inexperience, regardless of the fact that a TEXA S.p.A. tool has been used based on the information within this manual.

Any additions to this manual, useful in describing the new versions of the program and the new functions associated to it, may be sent to you through our TEXA technical bulletin service.

This manual is to be considered an essential part of the product it refers to. If it is resold, the original buyer is therefore required to forward the manual to the new owner.

Reproduction, whole or in part, of this manual in any form without written authorisation by the manufacturer is strictly forbidden.

The original manual was written in Italian, every other language is a translation of the original manual.

CONSULTING THE MANUAL

The environments of this software, even though they have been designed for significantly different vehicle categories, are all structured and operate the same way.

This allows the operator to easily switch from one of the installed work environments to another, using the same logic for selecting the vehicle, launching the functions, etc.

Nonetheless, some functions and services are only available for certain environments or specific activations (PLUS, LIGHT, PLUS INFO, etc.) of the environment itself.

The availability of a function or service for a specific environment is graphically represented by the related icon located at the beginning of the chapter.

Example:

1 SELF-DIAGNOSIS 	The icons indicate that the function is supported by all the environments.
1.1 Self-diagnosis Disclaimer	This subchapter still refers to a function that is supported by all the environments.
1.2 Connecting to the Vehicle's Control Unit	The section of the chapter continues to refer to a function supported by all the environments.
...	
1.7 Special Code WEB 	The section of the chapter describes a function supported by the TRUCK environment only.

The AGRI and CONSTRUCTION environments are part of the OFF-HIGHWAY category.

The user can decide whether to purchase the entire category or only the desired environment.

Refer to the AGRI environment icon in the manual for the functions that are available for the CONSTRUNCTION environment.

1 COMMON FUNCTIONS

This chapter explains the behaviour of some common functions that can be found in the software. The most common ones are listed in the charts below, others are explained in the next chapters.

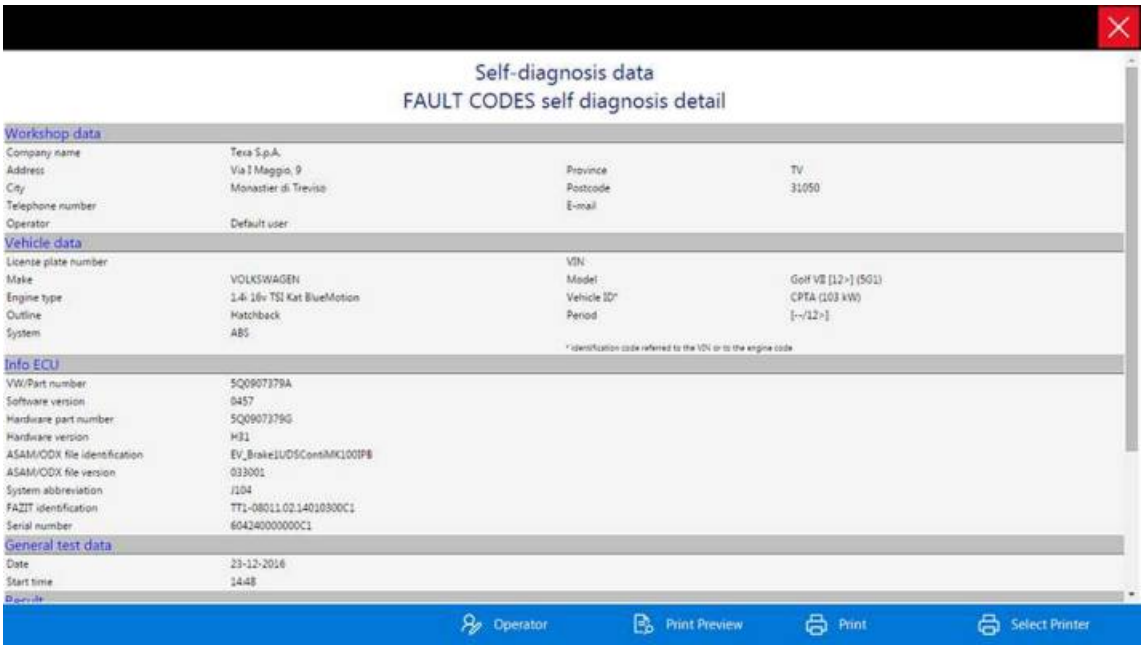
Icon	Name	Description
	Close	Allows you to close the function.
	Confirm	It allows confirming an action.
	Minimize	It allows you to minimize the function / software.

Icons in the **Navigation Menus**, present in several software functions.

Icon	Name	Description
	Back	It allows you to return to the previous page. This function is the same as the function available in any web browser.
	Next	It allows you to move on to the next page. This function is the same as the function available in any web browser.
	Home	It allows you to go back to the main page of the function. This function is the same as the function available in any web browser.
	Settings	It allows you to access the service functions related to the selected environment or to the function in use.
	Help	It allows you to view a help sheet on the function in use.

1.1 Print

Certain functions within this software allow you to print a report of the desired test or screen.



Icon	Name	Description
	Operator	It allows selecting the operator that run the test.
	Print Preview	It allows viewing a print report regarding the test run.
	Print	Allows you to print the report.
	Select Printer	It allows launching the system functions for selecting the printer to use.

1.2 *Device Unlock*

The purchased device must be unlocked before it can be used.

The unlock can be carried out two ways:

- **automatic mode:** *through the Internet;*
- **manual mode:** *by entering a specific unlock code that can you can get from you dealer.*

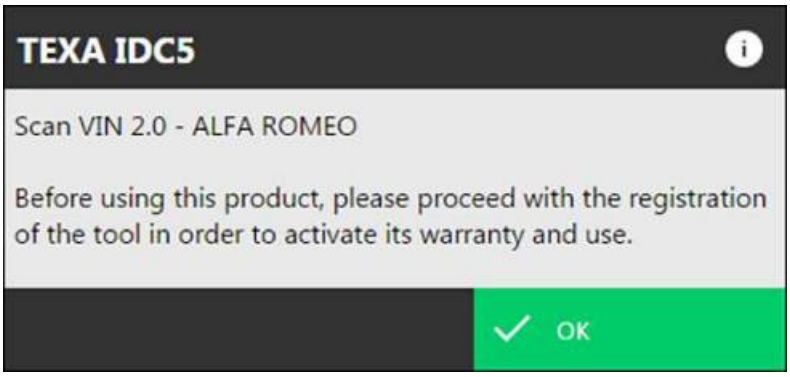
The operation must be repeated for each new device you wish to use.

Proceed as follows:

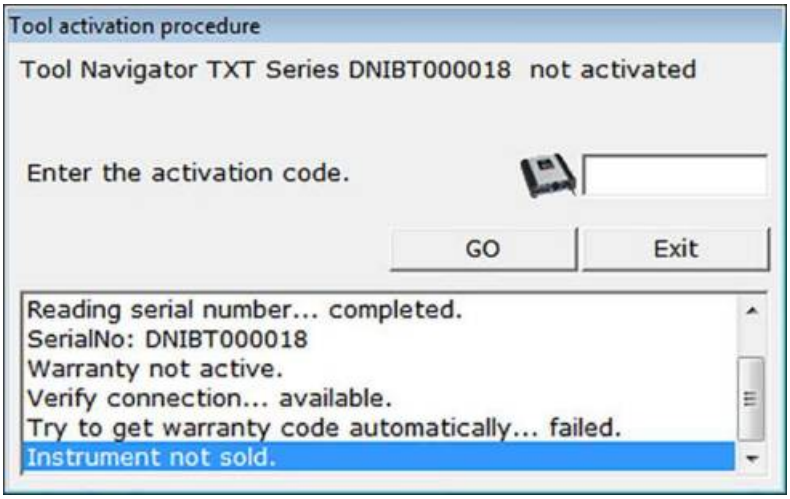
1. Configure the device you wish to unlock though the **Configuration Wizard** function.
2. Launch the desired function.

A message warns the user of the need to unlock the device.

3. Press ✓.



4. Wait for the software to recover the code via the Internet or enter the unlock code supplied by your dealer.



5. Press **Next**.

6. Press **Exit**.

The device is unlocked.

1.3 Disclaimers

Due to the particularity of certain functions, you are required to accept specific disclaimers in order to use them.

The disclaimers appear the first time the function is launched for each new software version installed.

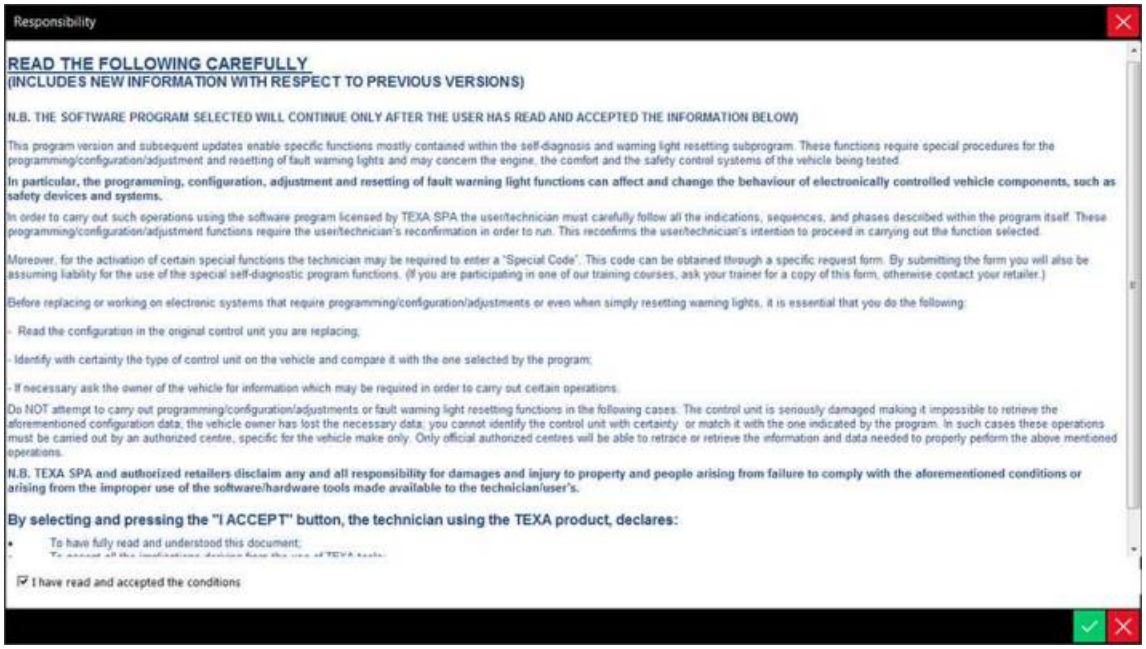
Once the terms of use indicated in the disclaimer have been read and accepted, the software will proceed will the activation of the specific functions.

In case of non-acceptance, it is impossible to access the functions the declaration refers to.

In this case, the disclaimer and the related request for the acceptance of the terms of use will reappear each time the function is launched.

Proceed as follows:

1. Read the disclaimer completely, scroll the text using the vertical scroll bar.
2. Check box **I have read and accepted the conditions**.
3. Press .

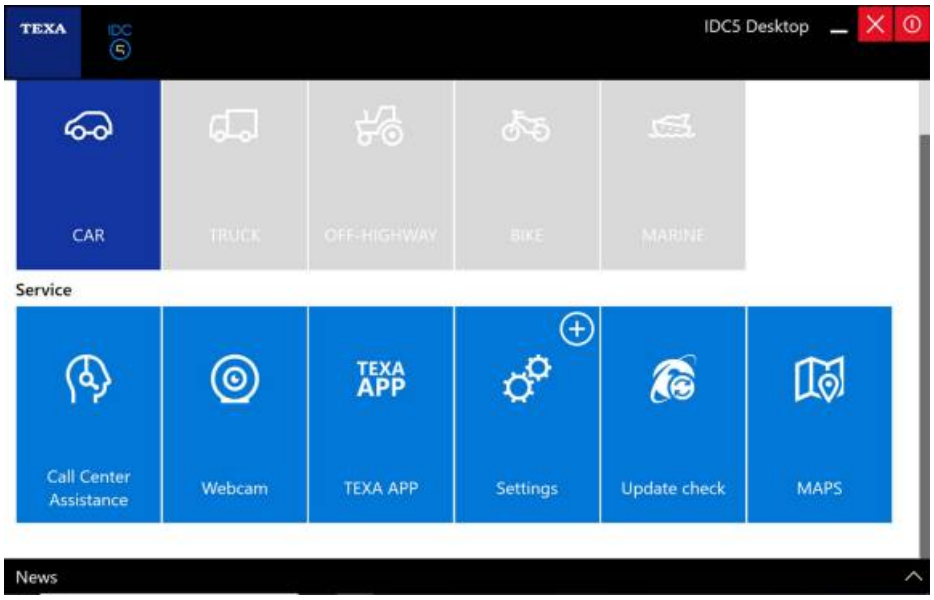


4. Press in the confirmation message.

2 DESKTOP

IDC5 is a multi-environment software that allows you to carry out all the diagnostic operations connected to the self-diagnosis, on-board diagnosis, electrical measurements and emission analysis easily and professionally.

The screen below shows the IDC5 **Desktop**, that is the software's start screen.



This screen is divided into the following three sections:

1. **Environment:** *allows you to select the environment you wish to you and provides information on the status of the environment itself (available, blocked, etc);*
2. **Service:** *it allows you to access the functions that are in common to all the environments such as the subscription check, language change, TEXA Apps and search for new updates *;*
3. **News:** *it allows displaying information and news on the products and services offered by TEXA and on the software updates that are available * **.*

(*) You need an active Internet connection.

(**) Service not available for all the languages.

2.1 Environment

The icons in this section allow selecting any one of the IDC5 environments.

In order for an environment to start correctly it needs to be active; this means that it has been purchased and unlocked with the specific countercode.

The environments supported by IDC5 are:

Icon	Name	Description
	CAR	Cars and light commercial vehicles.
	TRUCK	Heavy and light commercial vehicles, trailers and semi-trailers, buses and industrial engines.
	BIKE	Motorcycles, scooters, quads and water scooters.
	OFF-HIGHWAY	The software is divided in: • **OHW AGRI:** *agricultural machinery like tractors, lifters, unifeed mixers, combine harvesters;* • **OHW CONSTRUCTION:** *construction machinery and earth-moving equipment, like excavators, loaders, backhoe loaders, dumpers and bulldozers.*
	MARINE	Inboard and outboard engines and water scooters

The icons of the environments provide information on the status of the environment itself:

Icon	Meaning
	Environment not installed.
	Environment installed but not yet activated via the countercode.
	Environment installed and active.
	Environment installed and active. An error occurred while loading the environment *.

(*) Generally, to solve the environment loading error simply restart the software.

If the error persists even after the software is relaunched, you must use the function **Quick Support**.

This function can be launched through the icon that appears on the error screen or from the operating system's list of software programs.

For more information consult the relative chapter.

2.2 Service

The icons in this section allow accessing the functions that are in common to all the environments such as the subscriptions check, change language, TEXA App and search for new updates.

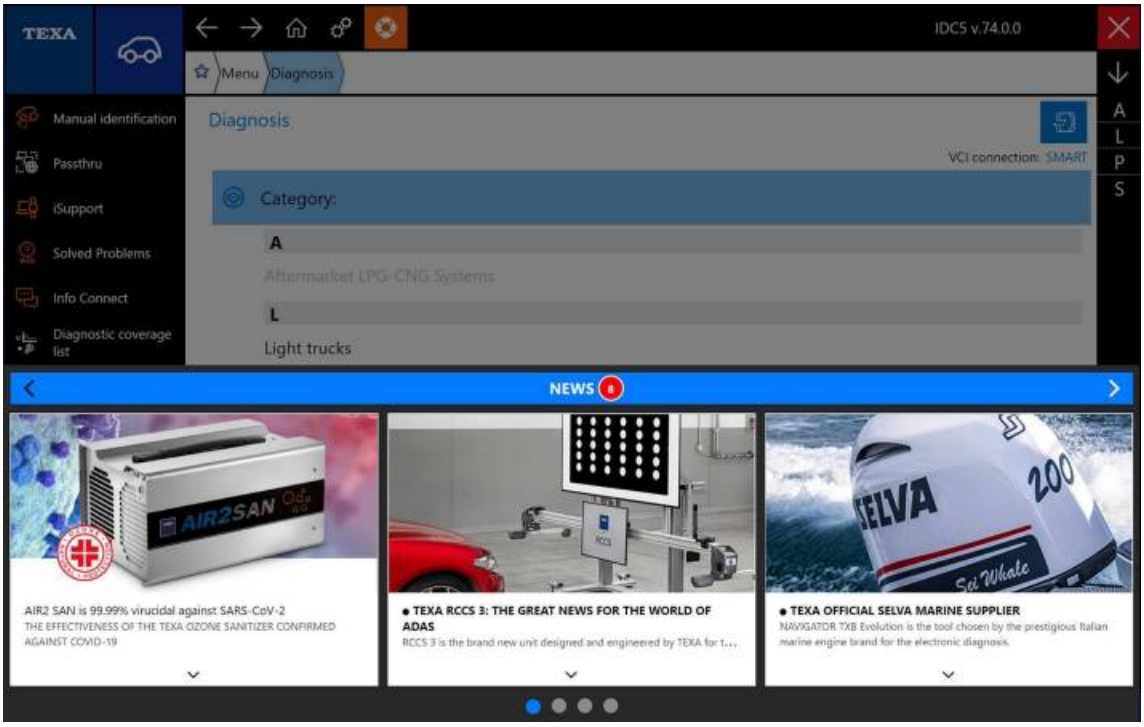
Icon	Name	Description
	Settings	It allows you to access the subscription check, language change, resolution change software functions and other assistance functions.
	Update check	It allows checking for updates, patches and new languages available for the activated environments and to download them.
	TEXA APP	Allows you to access TEXA virtual store where you can contact your retailer and request the activation of numerous applications.
	myTEXA	It allows you to access the myTEXA portal, that allows all customers to create a personal profile in order to access downloadable information, apps and contents.
	Call Center Assistance	It allows calling the TEXA Call Center without having to digit access codes, using TEXA's Bluetooth headphones.
	Webcam	It allows activating the Webcam on the display unit.
	Maps	It allows accessing the Windows Maps service.
	AIR2 SAN sanitation	It allows accessing the vehicle sanitation functions by using the AIR2 SAN tool. **For further information, contact your retailer**.

For further information see the corresponding chapters.

2.3 News

The **News** section contains information and news on the products and services offered by TEXA and on the availability of software updates.

Once launched, the software checks for an active Internet connection and downloads all the latest information and news regarding the latest features available.



You can view / hide the **News** using  /  .

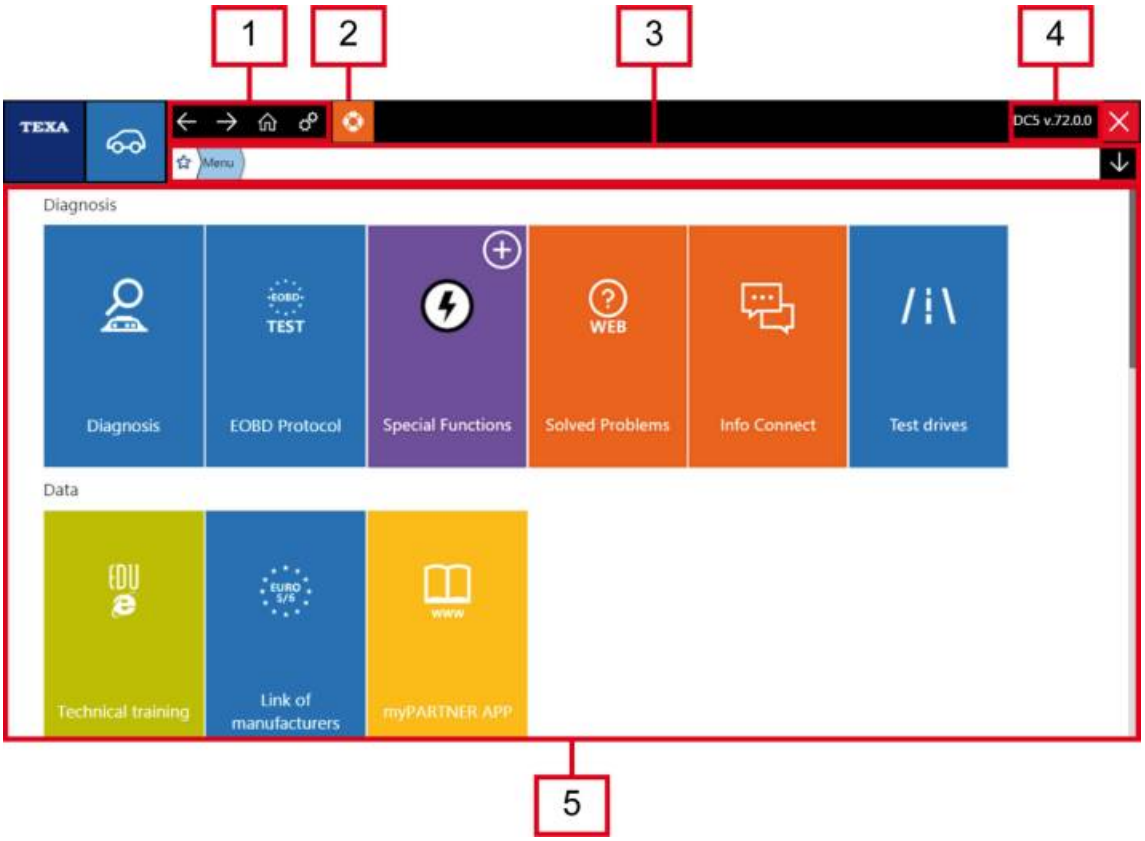
3 HOME

Home is the screen from which you can launch all the functions available in the software.

Proceed as follows:

1.Press  .

The **Home** screen is displayed.



The screen is divided into:

1. *navigation menu (operation explained in the* **Common Functions** *chapter);*
2. *technical support;*
3. *summary bar (operation explained in the* **Vehicle Selection** *chapter);*
4. *information regarding the software;*
5. *menu of the functions of the environment selected.*

Some of the functions in the menus may require a subscription or may have to be purchased separately.

INFORMATION *For further information see the Settings chapter.*

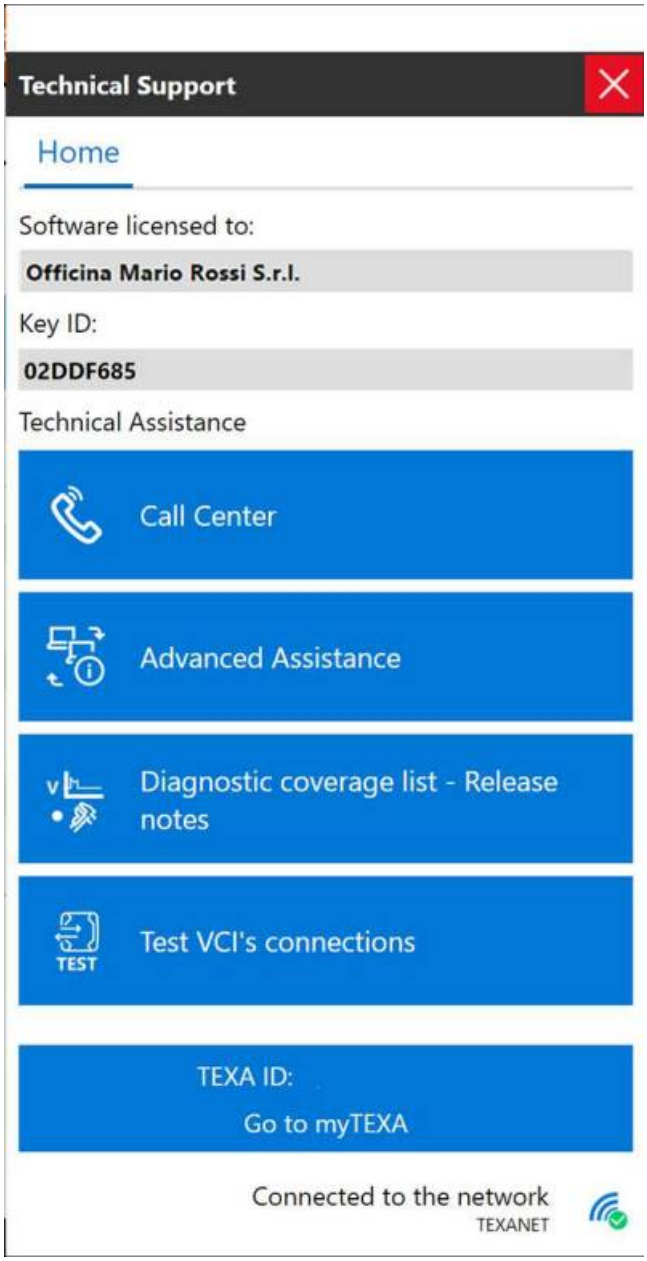
3.1 Technical support

This function allows sending a support request to TEXA technicians.

To access the service proceed as follows:

1.Press 

The Technical Support screen is displayed.



Icon	Name	Description
	Call Center	It allows requesting phone assistance by the TEXA Call Center.
	Advanced Assistance	It allows you to: • *request remote assistance through TeamViewer on your diagnostic device;* • *see the Solved Problems database;* • *use iSupport.*
	Diagnostic coverage list	Before seeing the last selections and the new features introduced with the software update.
	VCI connection test	It allows you to carry out an operating test on the connections of the VCIs and communicate the result to TEXA's technical assistance service.
---	TEXA ID	It allows viewing your TEXA ID and accessing myTEXA.
	Connected to the network	It allows accessing the Internet connection functions. You can configure the workshop's company network or the Smartphone in order to put the software in communication with the TEXA technical support.

INFORMATION

To use the connection functions you must have an active IDC5 subscription.

Check with your retailer if the service is active in the country you wish to use it in.

3.2 *Information regarding the software*

Press on the software version number located at the top right of the main screen to view the following information:

- *information regarding the company;*
- *information regarding the copyright;*
- *software version;*
- *data version;*
- *interface version;*
- *installation language;*
- *TEXA ID.*

3.3 Menu of the Functions of the Environment Selected

The icons of this menu allow you to access all the functions available for the selected environment.

Diagnosis:

Icon	Name	Description
	Diagnosis	It allows you to select the vehicle on which you wish to work and access the diagnosis functions.
	Control unit scan	It allows accessing information related to the systems in the vehicle.
	Workshop	It allows you to access the page dedicated to TEXA eTRUCK in TEXA's website.
	EOBD Protocol	It allows you to carry out a diagnosis targeted at the EOBD parameters.
	Exchange Manager	Allows you to manage the control unit firmware.
	Special Functions	It allows you to access the diagnostic functions (adjustments, activations, etc.) related to quite common and frequent operations, such as replacing the vehicle's battery or regenerating the particulate filter.
	Solved Problems	It allows you to access the database containing the solutions to problems that were reported to TEXA's international Call Centers.
	Info Connect	It allows remote diagnosis connecting to the TEXA Call Center.
	Report Repository	It allows accessing the folder in which the files in XML and PDF format are archived and exported from the Self-diagnosis and TGS3s functions. **For further information consult the chapters Self-diagnosis and TGS3s**
	Vehicle maintenance	It allows accessing the **Activations** and **Settings** functions for the specific component selected.
	Adjustments and codings	It allows you to access the **Adjustments** function for the specific component selected.
	Device check	It allows you to access the **Activations** function for the specific component selected.
	Test Drives	It allows configuring the device in order to record the parameters and errors detected by a moving vehicle.

Links and other functions:

Icon	Name	Description
	Wiring diagrams	It allows you to view the wiring diagrams related to the selection made.
	Technical data and checks	It allows accessing the mechanical and maintenance data regarding the selection made.
	Technical data sheets	It allows accessing the support information in specific pages that appear when selecting the vehicle.
	Technical training	It allows you to view and to sign up for the courses organised by TEXA EDU and to request the manuals edited by TEXA EDU.
	Manufacturers' Link & Authenticated Diagnosis	Allows to access the portal with the link to the manufacturers sites.
	myPARTNER APP	Allows you to access the app portal for TEXA partners.
	myTEXA portal	It allows you to access the account myTEXA and view: • *the name of the user registered in myTEXA* • *the email associated with the account myTEXA* • *the TEXA ID associated with the account myTEXA* • *the list of registered devices*
	Call Center Assistance	It allows requesting assistance to TEXA's Call Center through a dedicated web portal.

Measurements:

Icon	Name	Description
	Emission Analysis	It allows launching specific TEXA software programs for the analysis of the exhaust gases of vehicles with petrol, LPG and methane engines and the opacity measurements on vehicles equipped with a diesel engine.
	BUS Diagnosis	It allows you to launch the function needed to analyse the CAN networks.
	Oscilloscope	It allows displaying graphically the trend of an electric signal over time.
	Multimeter	It allows measuring the voltage, current, resistance, etc.
	Charge Start	It allows verifying the efficiency of the battery, the battery's recharge (alternator) and of the electrical components involved in the engine ignition phase (starter motor),
	Signal Generator	It allows you to simulate the input and output signals of the electronic control units used in vehicles.
	Switching on	It allows you to launch the function needed to measure high voltages.

	Pressures	It allows you to launch the function needed to measure pressure.
	TDS	It allows launching the tyre and brake disc wear measurement software.
	Toe and Thrust Angle check	It allows activating the software that checks the vehicle's toe and thrust angle.
	Headlight Adjust	It allows launching the diagnostic software for the TEXA headlight tester.

myTEXA App:

Icon	Name	Description
	Continuous Training	It allows you to access the page dedicated to the **Continuous Training** service in TEXA's website.
	Virtual Newsstand	It allows you to view and manage the business documentation regarding TEXA products.
	Glossary	It allows searching for the translations of acronyms and technical terms. Searching for an acronym you get the complete term, its translation and a description of its meaning.
	Measurement Unit Converter	It allows converting an value input into different units of measurement. The conversions are divided by subject (for ex.: acceleration, fuel consumptions, frequency, etc.).
	Airbag VAG coding	Allows you to calculate the coding number of the airbag control (VAG only)
	Euro Check	It allows identifying the EURO category the vehicle belongs to and to view its emission limits.
	Print Screen	It allows you to capture images on the screen directly from the **Self-diagnosis** function.
	Texa CARe	It allows accessing the website dedicated to TEXA CARe.

Settings:

Icon	Name	Description
	Bulletin update	It allows you to update the **Bulletins** (documents containing all the information needed to solve a specific problem).
	Customer Management	It allows you to manage the workshop's customer archive.
	iSupport	It allows you to access the on-line assistance function.
	Settings	It allows accessing the service functions related to the selected environment.
	Documentation	It allows you to access the documentation related to the selected environment.

Bulletin Update is available for the Italian market only.

The following functions need an Internet connection to work properly:

- *Solved Problems;*
- *Technical Support;*
- *Technical training;*
- *Manufacturers' link;*
- *myPARTNER APP;*
- *TEXA CARe;*
- *Bulletin update;*
- *myTEXA;*
- *iSupport.*

The availability of the functions described in the table above depends on the environment selected.

4 SETTINGS

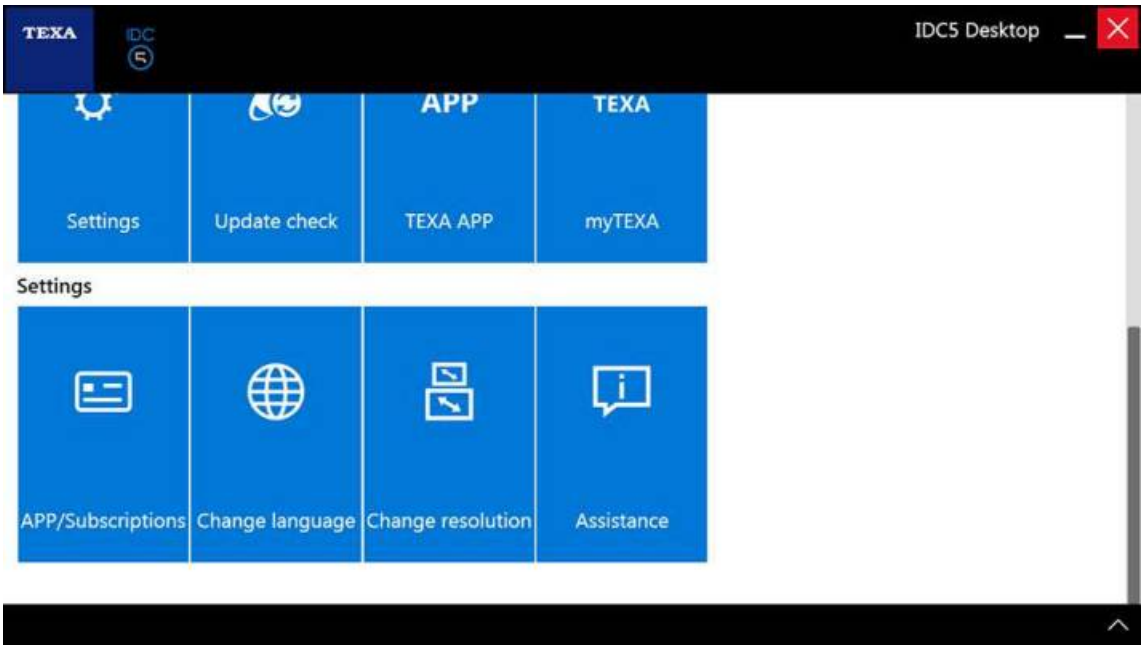
This menu allows you to access the functions that are in common to all the environments such as the subscription check, language change, TEXA Apps and search for new updates.

INFORMATION *The availability of the functions indicated in the charts depends on the environment selected and on the display unit used.*

Proceed as follows:

1. From the **SERVICE** menu, press  .

The **Settings** menu is displayed.



Icon	Name	Description
	APP / Subscriptions	It allows you to view and update the status of the subscriptions available in the software.
	Change Language	Allows you to change the language in which the software is displayed.
	Change Resolution	Allows you to change the resolution with which the software is displayed.
	Assistance	Allows you to access the customer service functions.
	Troubleshooting	It allows displaying useful information for solving problems connected with the software.
	Remote Assistance	It allows accessing remote assistance via software Teamviewer.

4.1 APP / Subscriptions

This function allows you to:

- *view the status of the subscriptions available;*
- *monitor the expirations of the subscriptions purchased;*
- *complete the subscription activation procedure.*

A new subscription must always be activated by a dealer through the tools supplied by TEXA.

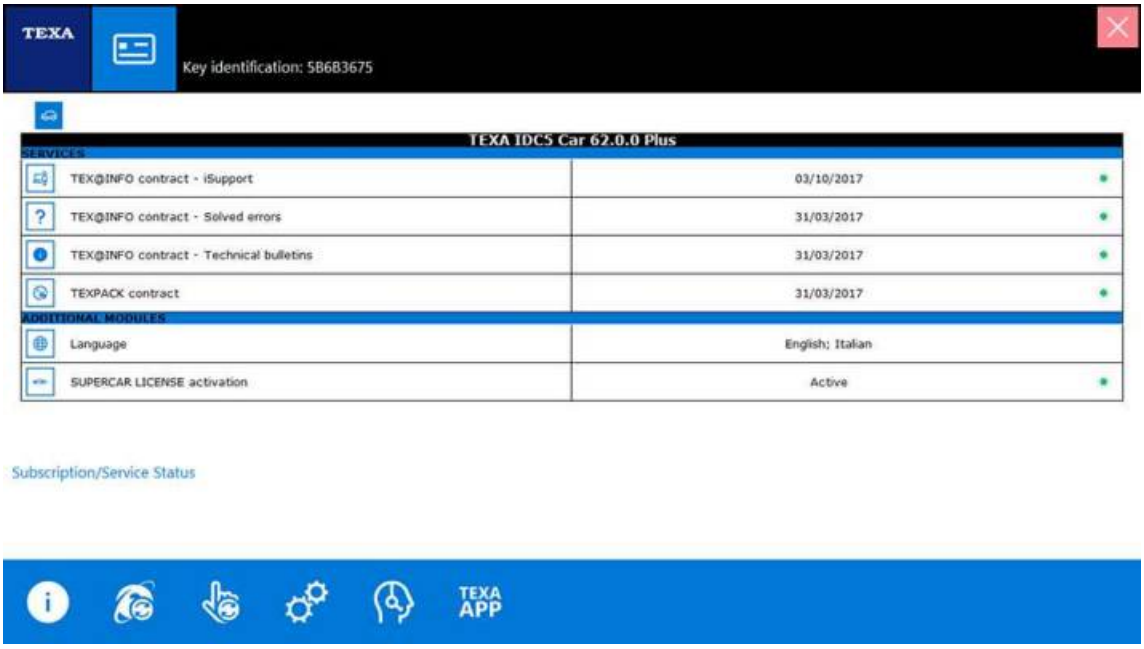
At the end of this operation, you must complete the procedure through one of these functions:

- **Automatic Activation:** *for customers who have an Internet connection;*
- **Manual Activation:** *for customers who do* **NOT** *have an Internet connection (it requires entering an* **Activation code** *provided by your* **dealer***).*

Proceed as follows:

1. Press .

The main screen of **APP / Subscriptions** is displayed.



Icon	Name	Description
	Info	It allows you to check the status of the subscriptions available for each active environment.
	Automatic Activation	It allows completing the subscription activation procedure through an Internet update.
	Manual Activation	It allows completing the subscription activation procedure by entering an **Activation code**.
	Settings	It allows enable the display of the notification for the expiration of the subscriptions and to disable their automatic update.
	Call Center Service	Allows you to save the contacts related to TEXA Call Center service.

	TEXA APP	It allows accessing the TEXA virtual store through which you can contact your **dealer** and request the activation of many applications.

4.1.1 Info

This function allows checking the status of the subscriptions available for each active environment.

The status of all the environments activated in the HASP is displayed, regardless of whether or not they are actually installed.

To view the status of the subscriptions of another environment, press on the icon of the desired environment.

Proceed as follows:

1. Press  .

The status of the subscriptions is displayed.

The function shows the subscription's expiry date and indicates its status by the colour of a LED.

LED	Colour	Meaning
	Green	Subscription is active.
	Yellow	Subscription is active but will soon expire.
	Red	Subscription is expired and not active.
	Grey	Subscription is not active.

In this screen the icons of the environments warn of the presence of expiring subscriptions through an alert:

Icon	Meaning
	All the subscriptions of the environment are regularly active.
	At least one of the subscriptions of the environment is expiring.

4.1.2 Automatic Activation

This function allows completing the subscription activation procedure through an Internet update.

Proceed as follows:

1. Contact your **dealer** and request the activation of the subscriptions.

2. Press  .

3. Select the environments for which you wish to update the subscriptions.

4. Press  (**Update**).

The subscriptions are activated correctly.

4.1.3 Manual Activation

This function allows completing the subscription activation procedure by entering an **Activation code**.

The **Manual Activation** was specifically designed for users who do not have an Internet connection.

Proceed as follows:

1. Contact your **dealer** and request the activation of the subscriptions.

The dealer provides the **Activation code**.

2. Press  .

3. Enter the **Activation code** in the specific field.

4. Press  .

The subscriptions are activated correctly.

4.2 Change Language

This function allows you to change the language in which the software is displayed, provided that it has been purchased and installed.

The statuses in which a language can be are:

1. *The language has been purchased and installed.*
2. *The language has been purchased but not installed on the PC yet.*
   - *You must install the language using the* **Install via DVD** *or* **Install via Internet** *functions.*
3. *The language is installed on the PC but has not been purchased yet.*
   - *To purchase the language, contact your* **dealer** *and update the subscriptions through the* **Automatic Update** *or* **Manual Update** *functions.*

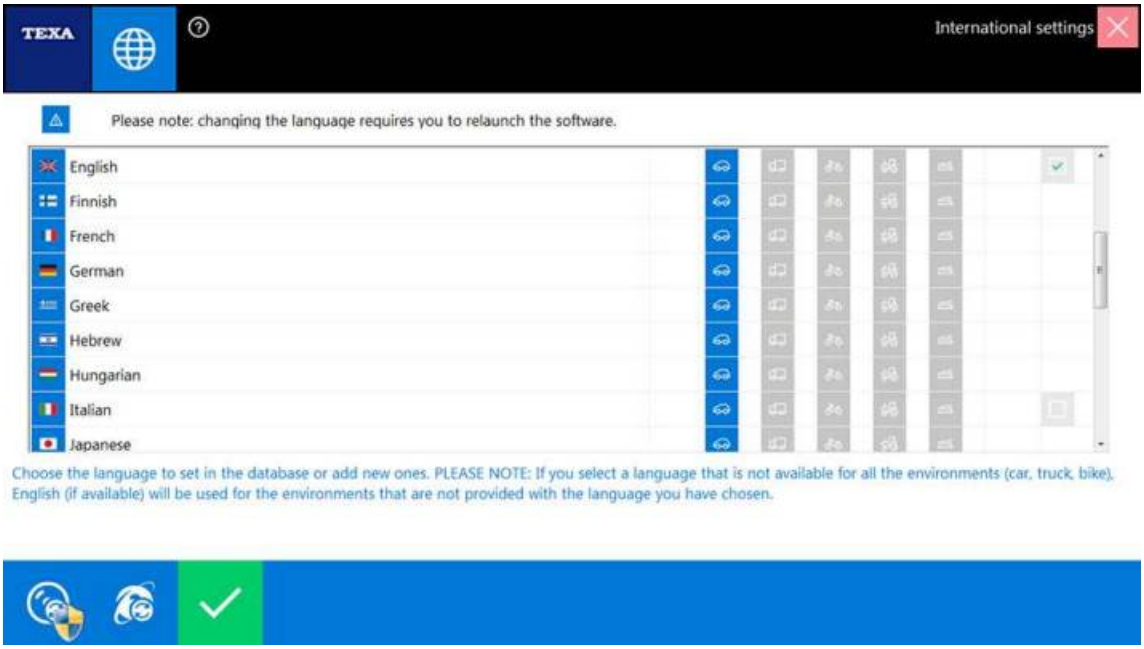
The language installed can only be used after it has been purchased and the status of the subscriptions has been updated.

For more information consult the chapter Subscription Check.

Proceed as follows:

1. Press  .

The main screen of **Change Language** is displayed.



Icon	Name	Description
	Install via DVD	Allows you to install a new language using the software installation DVD.
	Install via the Internet	Allows you to install a new language by downloading it from the Internet.
	Set Language	Allows you to set the selected language.

4.2.1 Set Language

This function allows to set the desired language.

English is used by default if the language selected is not be available for some of the installed environments.

Proceed as follows:

1. Select the desired language.

2. Press  .

3. Press  in the confirmation message.

Restart the software for making the changes effective.

4.2.2 Install via DVD

This function allows you to install a new language using the software installation DVD.

Proceed as follows:

1. Enter the installation DVD into the player on your PC.

2. Press  .

Wait for the installation to complete.

The languages available will be listed on your screen once the installation is complete.

You can select one of the new languages installed.

4.2.3 Install via the Internet

This function allows installing a new language downloading it from the Internet.

You must have an active Internet connection.

Proceed as follows:

1. Press  .

The software connects to the Internet in order to check the availability of the languages purchased and download them.

2. Select the language update.

3. Press  .

Wait for the download and installation of the language to complete.

4. Press  .

The software is relaunched.

You can select one of the new languages installed.

4.3 Change Resolution

This function allows you to change the resolution with which the software is displayed.

The function makes the software easy to view by allowing you to adapt the resolution of the screen you are using.

Proceed as follows:

1. Press .

The main screen of **Change Resolution** is displayed.

2. Set the desired resolution by moving the cursor along the bar.

3. Press .

4. Press in the confirmation message.

Restart the software for making the changes effective.

4.4 Assistance

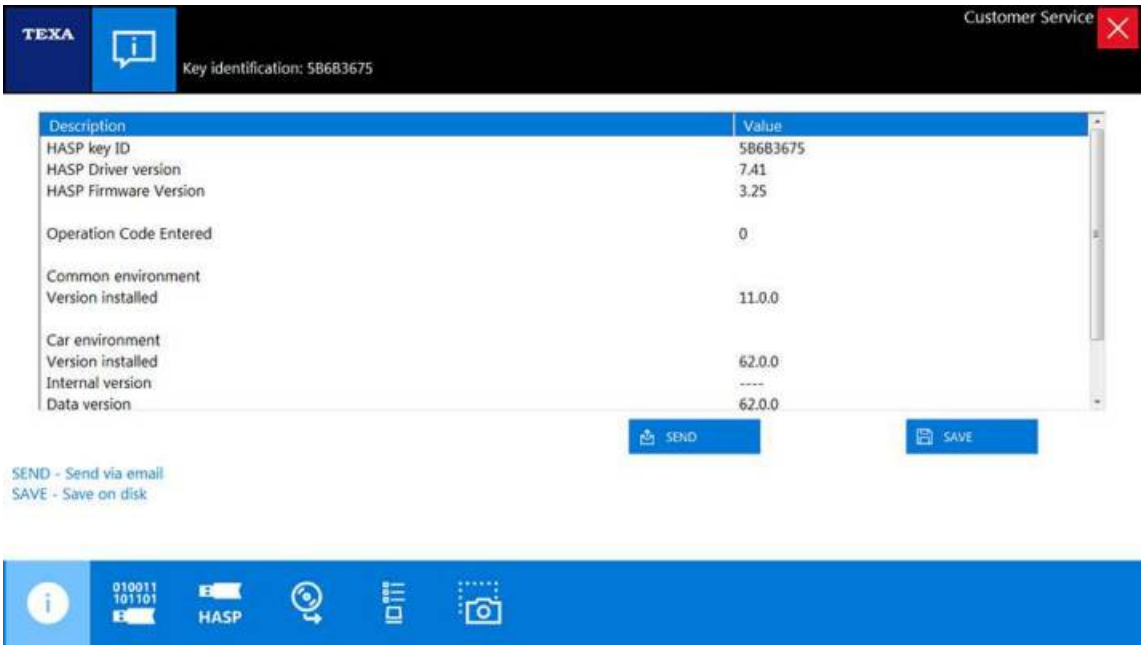
This menu allows you to access the customer service functions.

CAUTION **These functions must be used only if indicated to do so by the Technical Assistance.**

Proceed as follows:

1. Press .

The main screen of **Assistance** is displayed.



Icon	Name	Description
	Info	It allows you to view, save and send service information related to the software. The information that is provided by this function can help you solve problems related to the software.
	Operation Code	Allows you to enter and carry out operation codes. The **operation codes** are particular codes provided by the **Technical Assistance** that can be useful for solving problems related to the software. Carrying out the operation code will create a specific **result**. The value of the **result** will appear on the screen once the operation code has been carried out.
	T-Key	It allows you to export / send / import the HASP key configuration.
	External Programs	It allows you to launch external assistance programs. Use this function only if requested to do so by the **Technical Assistance**.

	List of Processes	Allows you to view and send the list of active processes.
	Screenshot	Allows you to take a screenshot and send it via email.

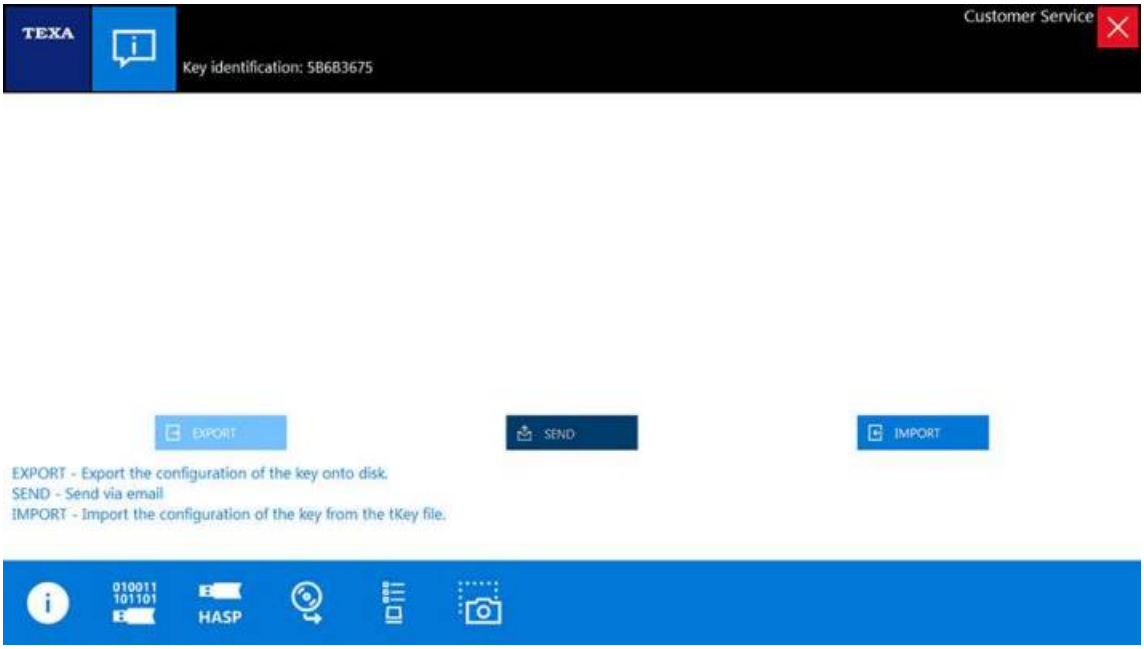
4.4.1 T-Key

This function allows you to export / send / import the HASP key configuration.

Proceed as follows:

1. Press  .

The main screen of **T-Key** is displayed.



Icon	Name	Description
	Export	Allows you to export the HASP key configuration within a file.
	Send	Allows you to send a file with the HASP key configuration via email.
	Import	It allows you to import the configuration into the HASP key configuration from a T-Key type file.

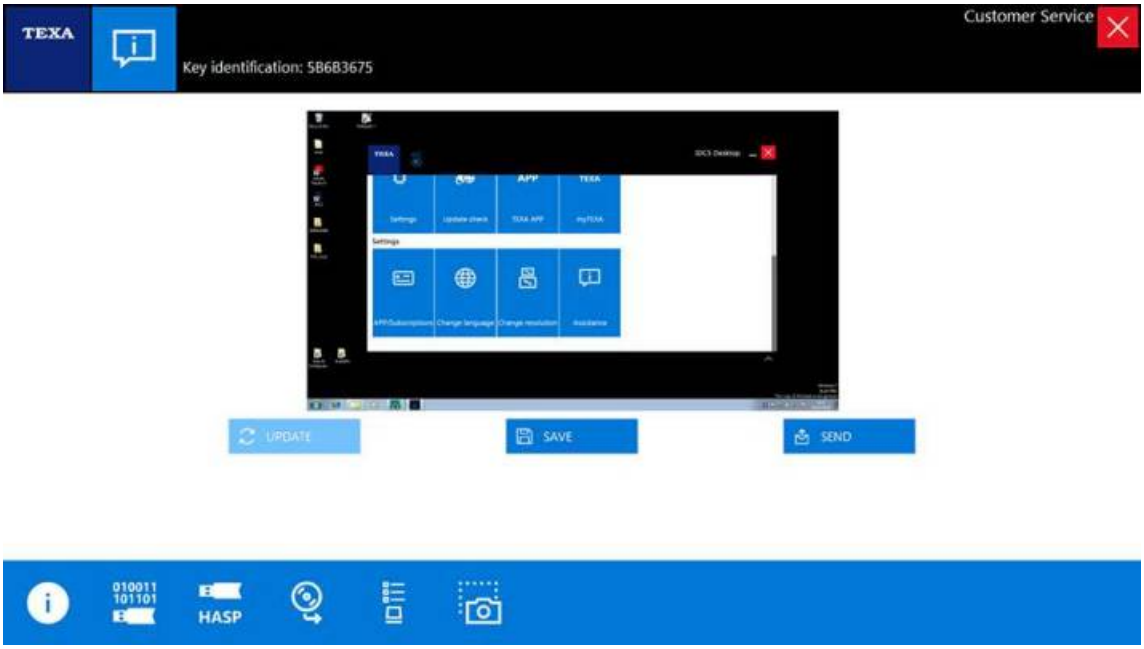
4.4.2 Screenshot

This function allows you to take a screenshot and send it via email.

Proceed as follows:

1. Press  .

The main screen of **Screenshot** is displayed.



Icon	Name	Description
	Update	It allows you to refresh the screen.
	Save	Allows you to save the screenshot onto your hard drive.
	Send	It allows you to send the screenshot via email. You must have an electronic mail software (for example Microsoft Outlook) installed in the PC.

2. Use the system functions to position yourself where you wish to take a screenshot.
3. Return to the function's screen.
4. Press  .
5. Press  to save the image or  to send it.

5 UPDATE CHECK

This function allows you to check for updates, patches and new languages available for the activated environments and to download them.

The update of the environments activated and the installation of the patches can be carried out in two ways:

- **automatic mode:** *the updates, patches and languages are downloaded through the Internet *;*
- **manual mode:** *the updates, patches and languages are installed through a DVD or a peripheral USB storage device **.*

(*) You need an active Internet connection.

(**) This mode is not available for the continuous updates.

In the following chapters, updates refer to the entire data set (software updates, patches, new languages, etc.) that the software allows you to download and install.

5.1 *Automatic Mode (Recommended Mode)*

This function allows you to download updates via the Internet.

The update service is available 24 h / 24 h, 7 days a week, for all subscribers and subscribed users.

This allows you to update the software at any time, even on vacation or during your free time.

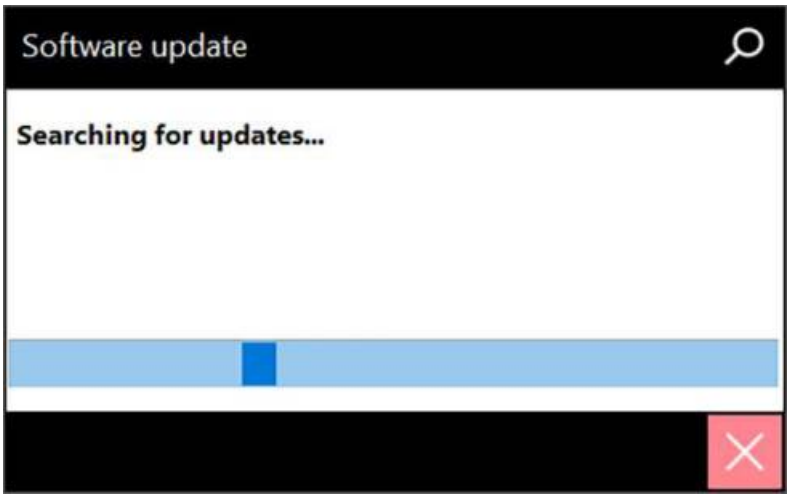
The complete download of these updates may take several minutes.

In order to reduce the downloading times as much as possible we recommend using a broadband line (i.e. ADSL).

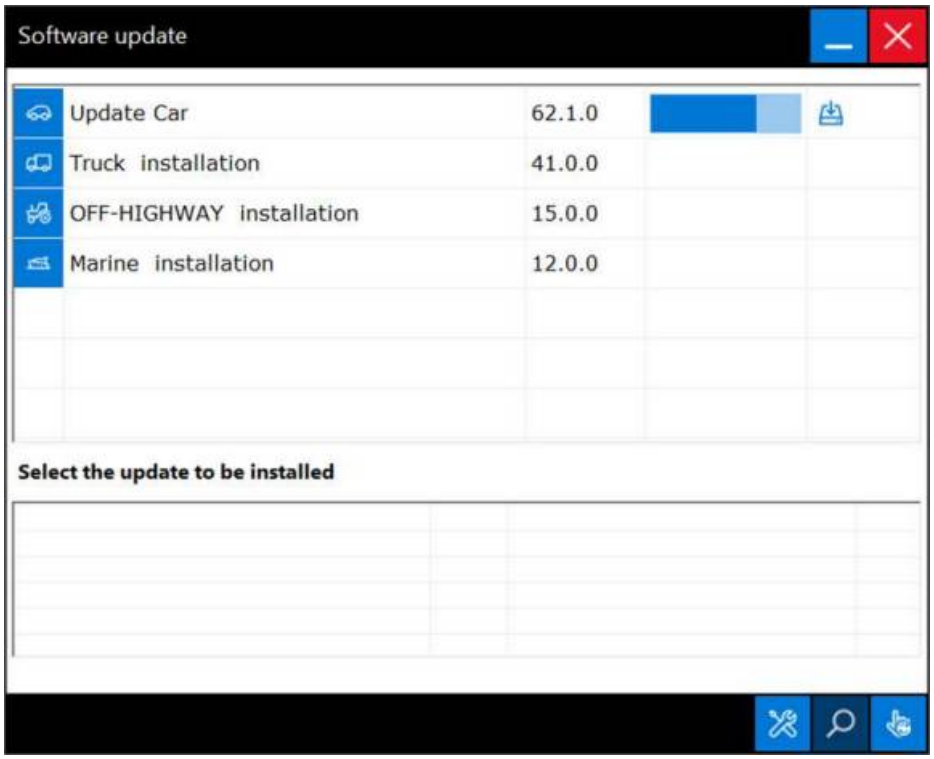
Proceed as follows:

1. Press  .

The search for updates is launched automatically.



The list of updates available is displayed.



Icon	Name	Description
	Service	Allows access to service functions related to updates via the Internet.
	Search for Updates	It allows launching a search for updates.
	Download Update	It allows launching the download of the desired update. It appears after selecting an update available for download.
	Install Update	It allows installing an update downloaded previously. It appears after selecting an update available for installation.
	Pause	Allows you to interrupt the update currently in progress, allowing you to restart it from where it left off at a later time. It appears after selecting an update being downloaded.
	Manual Update	Allows you to access the manual update functions.

2. Select the desired update.

3. Press  .

Wait for the download to complete.

The elements selected are ready to be installed once the download is complete.

Once the download is complete a screen will display some important information and instructions regarding the installation.

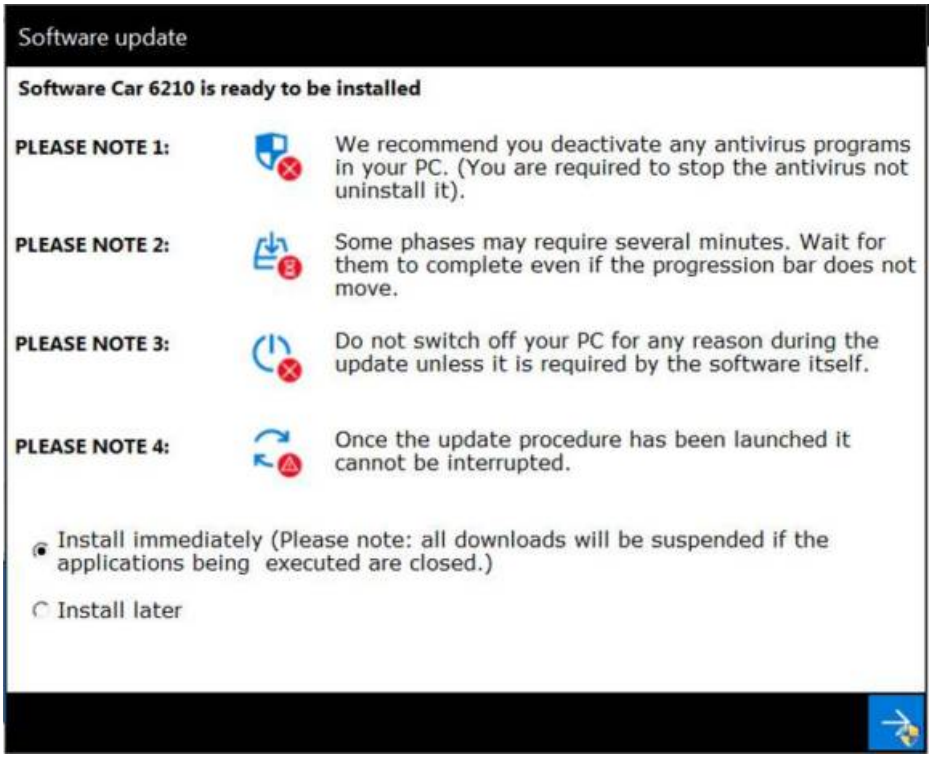
4. Follow the instructions on this screen in order to carry out the installation correctly.

You may choose whether to install the downloaded update immediately or at a later time.

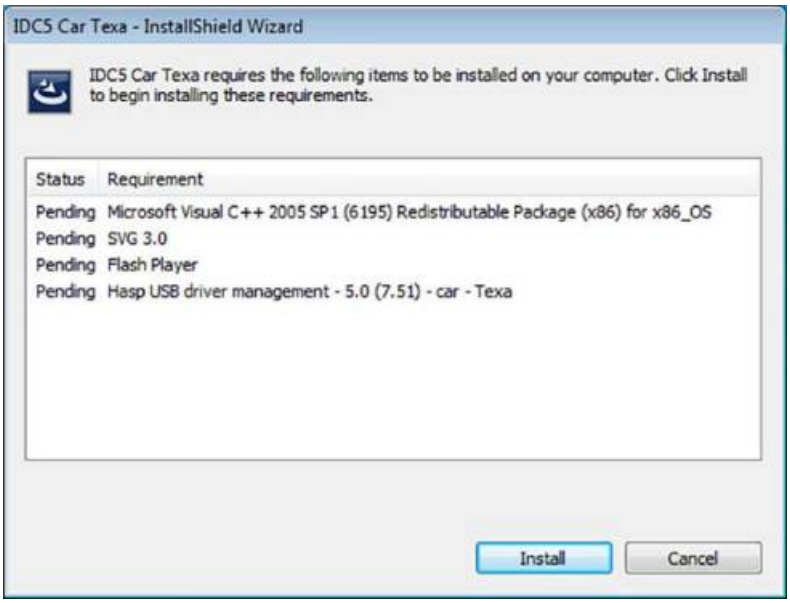
By selecting the option Install Immediately all the other downloads in progress will be suspended and the functions currently running will be closed.

5. Select the option desired.

6. Press  .



The software launches the installation of the requirements and the installation wizard.



The installation procedure is described in the software setup manual.

5.1.1 Continuous Update

The continuous update is an update mode that does not require the installation of data through setup.

Proceed as follows:

1. Follow the procedure described in the chapter **Automatic Mode (recommended Mode)** up to step 6.

Please wait for the installation procedure to end.

2. Press  in the confirmation message.

Update completed.

5.2 Manual Update

This function allows you to access the manual update functions.

This function requires the use of an external support containing the update you wish to install.

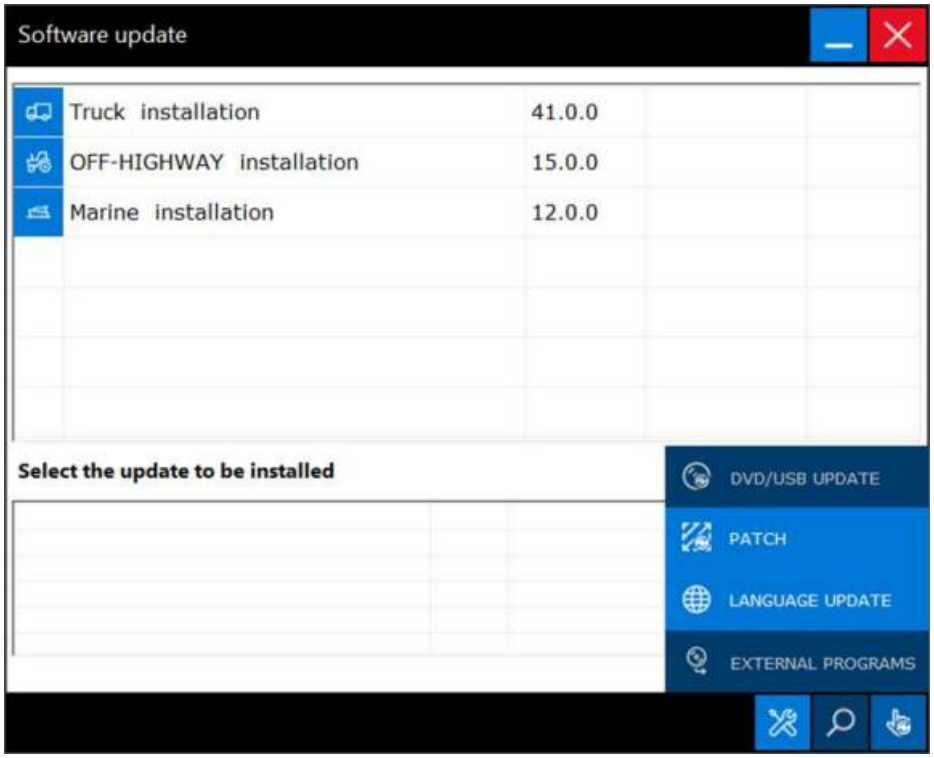
External support may include either the installation DVD of the desired update or a USB storage device containing the update.

For more information contact your retailer.

Proceed as follows:

1. Press  .

The menu related to the manual update functions is displayed.



Icon	Name	Description
	DVD / USB Update	It allows you to carry out an update using a DVD / USB peripheral storage device. Available only on AXONE 4.
	Patch	It allows installing the patch via DVD / peripheral USB storage device.
	Language Update	It allows you to update the language packages installed using a DVD.
	External Programs	Allows you to install external programs. Available only on AXONE 4.

5.2.1 DVD / USB Update

This function allows you to perform the update using a DVD or peripheral USB storage devices (flash drives, external hard disks, etc.).

This function is available only on AXONE 4.

You must keep the display unit powered through the mains during this procedure.

If you do not have a physical copy of the updates, you can download them through DOWNLOAD MANAGER.

For further information consult the related manual.

Proceed as follows:

1. Download the updates through DOWNLOAD MANAGER (if necessary).
2. Extract the files.
3. Copy the files onto the DVD / peripheral USB storage device.
4. Insert the DVD or connect the peripheral USB storage device (use the docking station, if necessary).
5. Access the menu **Manual Update** as explained previously.
6. Press  .

The installation procedure is described in the software setup manual.

If the setup does not start automatically and the message **DVD not correct** appears, select the folder inside the DVD / peripheral USB storage device.

Patch, **Language Update** and **External Programs** work in a similar way to the **DVD / USB Update** function.

NOTES:

I. The patch is located automatically if it is within the peripheral USB storage device's root.

II. ***External Programs*** *is available only on AXONE and for the environments*  .

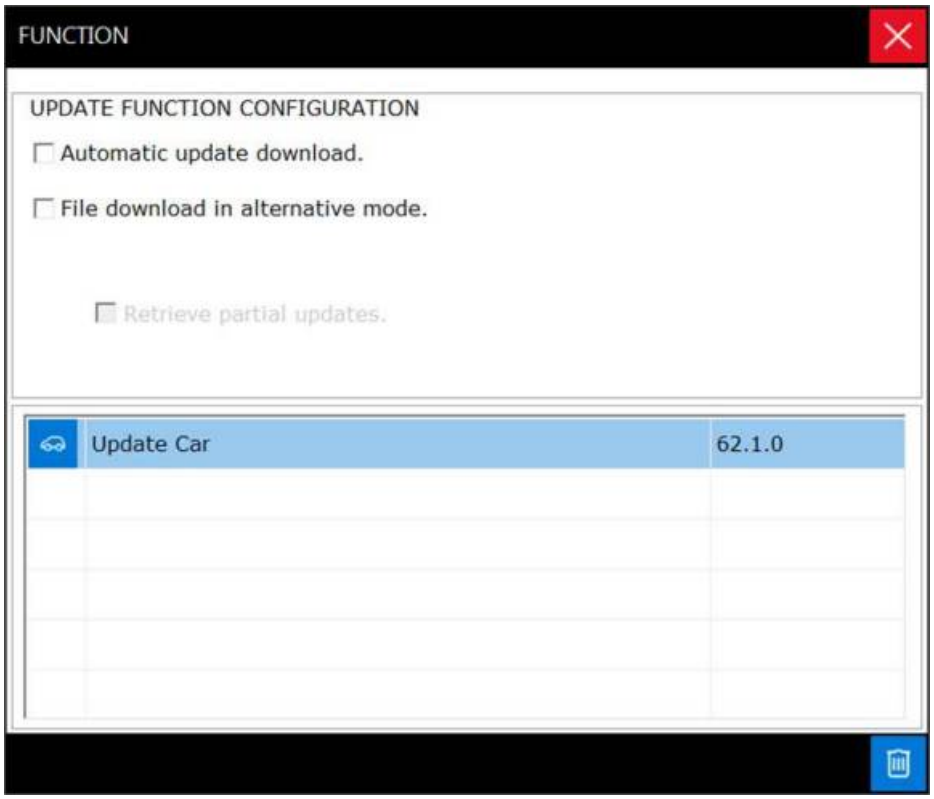
5.3 Service

This function allows you to reset the updates and access the available options and download modes.

Proceed as follows:

1. Press  .

The **Service** screen is displayed.



Icon	Name	Description
	Update Reset	Allows you to reset the download in progress. The download reset deletes all the data downloaded previously and allows restarting the download.

The download options are:

Option	Description
Automatic update download	The software downloads all the detected updates without the user having to launch them manually.
File download in alternative mode	It allows you to change the download mode from **Classic** to **Alternative**.

The download modes are:

Mode	Description
Classic	It is the quickest and most reliable downloading mode. The software is able to recognise a corrupted file during the download. Furthermore, if the software is closed, you may recover the download from where it was interrupted. This mode cannot be used if you set up a proxy.
Alternative (with Retrieve partial updates option)	This mode uses a different downloading engine that does not allow the files to be checked during the download. **This mode must be used only if there is a malfunction in the Classic mode.** If the software is closed, the download is restarted the same way as the classic mode.
Alternative (without Retrieve partial updates option)	This mode is the same as the previous but when the software is closed, the download restarts from the beginning.

5.3.1 Update Reset

This function allows resetting the download of an update.

The download reset deletes all the data downloaded previously and allows restarting the download.

The function is useful when errors occur during the download.

The Update Reset function does not allow returning to the previous version.

Proceed as follows:

1. Press  .
2. Select the update that you wish to reset.
3. Press  .

The download has been reset.

You can start the download again.

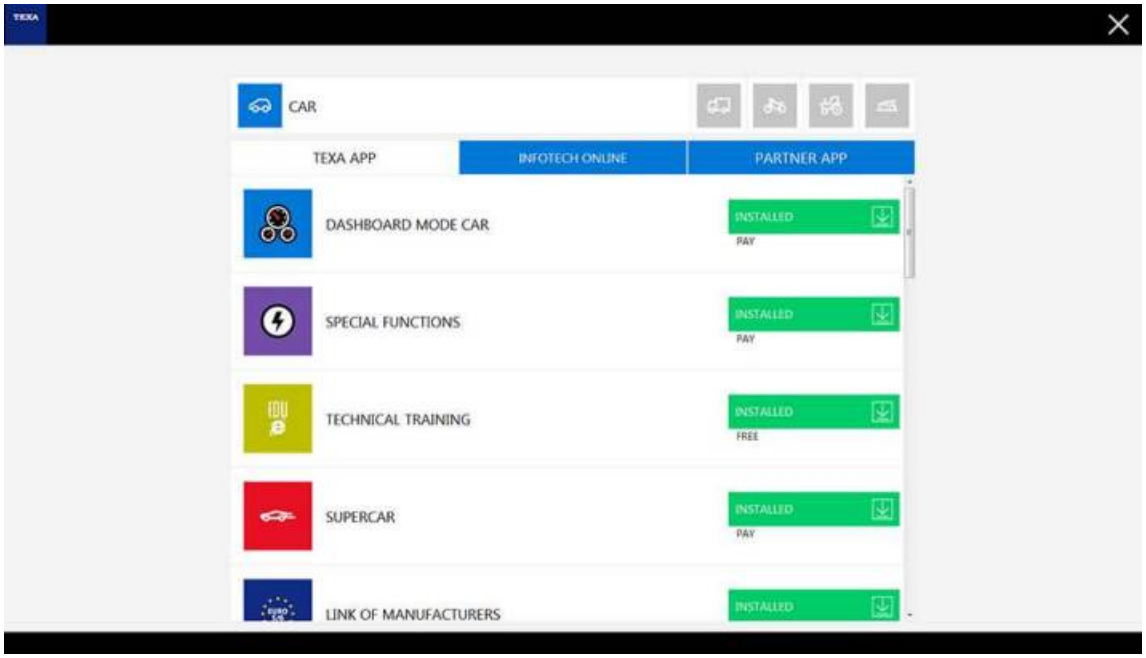
6 TEXA APP

This function allows you to access the TEXA virtual store where you can contact your retailer and request the activation of numerous applications.

Proceed as follows:

1. Press  .

The main **TEXA APP** screen is displayed.



The screen is divided into the following pages:

Name	Description
TEXA APP	It allows you to view the lists of the software programmes and applications developed by TEXA, that allow you to, for instance, extend coverage or the functions of the software installed or activate additional applications.
SERVICES	It allows you to view the list of services available for the purchased environment. **For further information, see the Settings - APP / Subscriptions chapter.**
INFOTECH ONLINE	It allows you to view the list of applications that have been created from the collaboration between TEXA and operators who supply specific documents for the automotive industry. **For further information see the InfoTech Online chapter.**
PARTNER APP	It allows you to view the list of applications that have been created from the collaboration between TEXA and operators who supply goods and services linked to the world of repairs, such as spare parts manufacturers or retailers, or specialised trade magazines.

Depending on the type, the app's can be in different statuses.

For the software licenses like **Dashboard** the statuses are:

- **Not installed:** *indicates that the app cannot be used yet.*
- **Being processed:** *indicates that the user has chosen to purchase an app and is currently waiting to be contacted by the retailer.*
- **To be installed:** *indicates that the app has been activated by the retailer. The customer must accept the* **Order Confirmation** *and the* **User Software License***.*
- **Installed:** *indicates that the app is ready to be used.*

For the software licences similar to **IDC5 PLUS TRUCK** the statuses are:

- **Not installed:** *indicates that the app cannot be used yet.*
- **Being processed:** *indicates that the user has chosen to purchase the app and is waiting be contacted by the retailer.*
- **Installed:** *indicates that the app is ready to be used.*

For the **SERVICES** the statuses are:

- **Not Enabled:** *indicates that the functions related to the service cannot be used yet.*
- **Being processed:** *indicates that the user has chosen to purchase the service and is waiting be contacted by the distributor.*
- **Enabled:** *indicates that the functions related to the service can be used.*

For the **INFOTECH ONLINE APP** the statuses are:

- **Not installed:** *indicates that the app cannot be used yet.*
- **Installed:** *indicates that the app is ready to be used.*

For the free **PARTNER APPs** the statuses are:

- **Not enabled:** *indicates that the app cannot be used.*
- **Enabled:** *indicates that the app is ready to be used.*

Below you will find some examples on how the app activation procedure must be carried out.

The activation procedure of a specific app may differ slightly from the examples given.

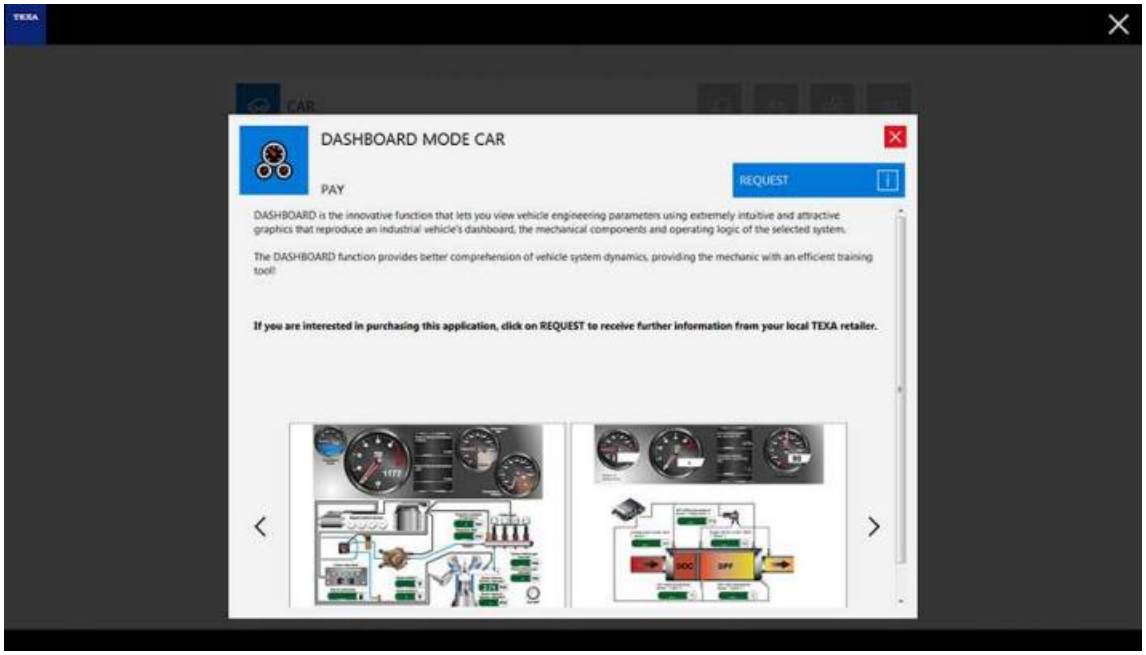
For more information contact your retailer.

6.1 Purchasing the Paid App "Dashboard"

This procedure illustrates how to purchase and activate the paid app **Dashboard**.

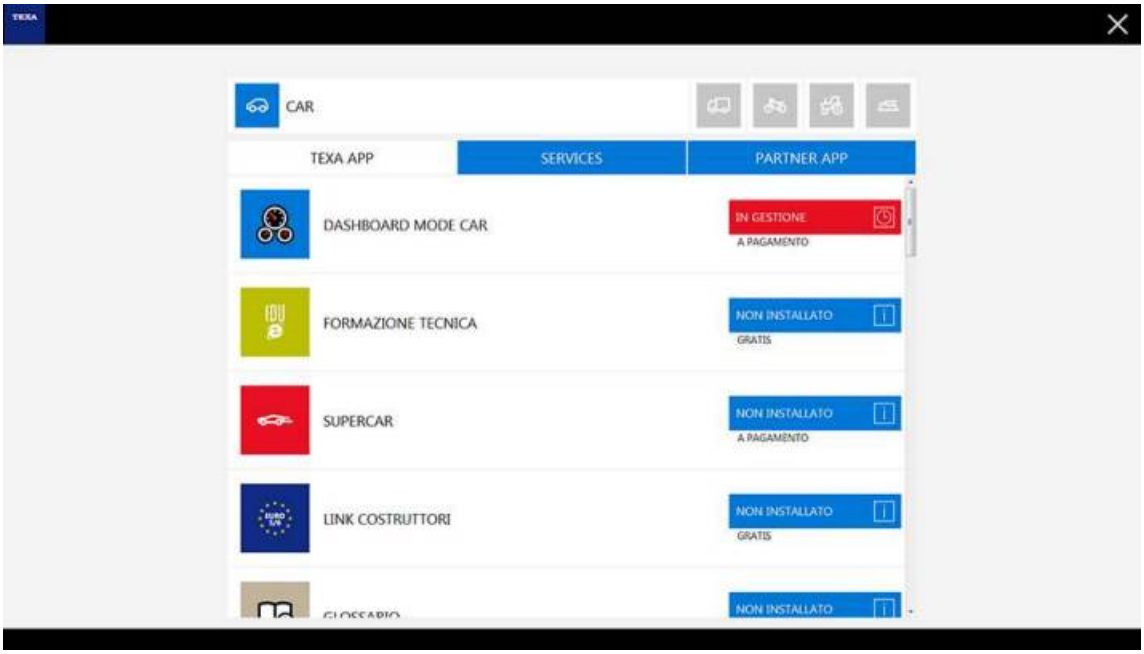
Proceed as follows:

1. Select the desired environment.
2. Press **TEXA APP**.
3. Press **Dashboard**.
4. Press **Request**.



5. Press in the confirmation message.

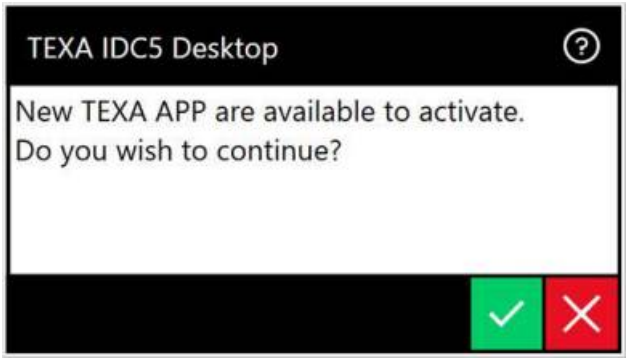
The app will switch to the **Being processed** status.



The dealer contacts the customer to agree on a sales price for the app and then activates it.

The next time the software is launched a warning screen appears.

6. Press .



The purchased app passes to the status **To Be Installed**.

7. Read the **Order Confirmation** and the **User Software License** carefully.

8. Accept the **Order Confirmation** and the **User Software License** by ticking the two check-boxes that correspond to the documents.

9. Press **Activate**.

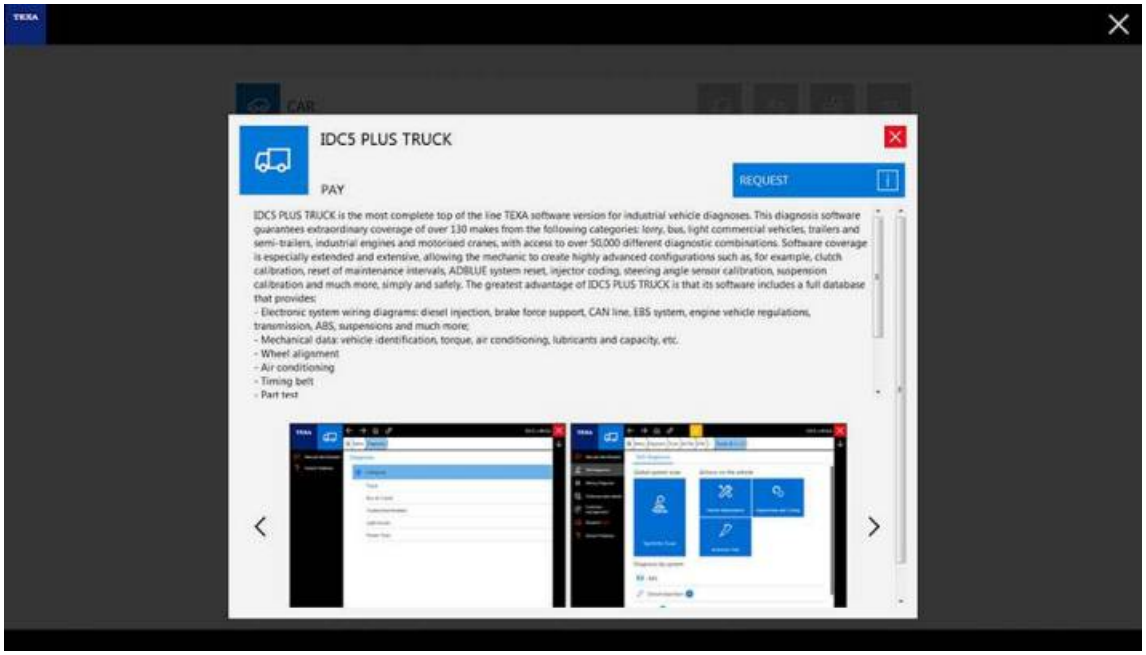
The app is activated and ready to be used.

6.2 Purchasing the IDC5 PLUS TRUCK Diagnosis

This procedure illustrates how to purchase and activate the app **IDC5 PLUS TRUCK**.

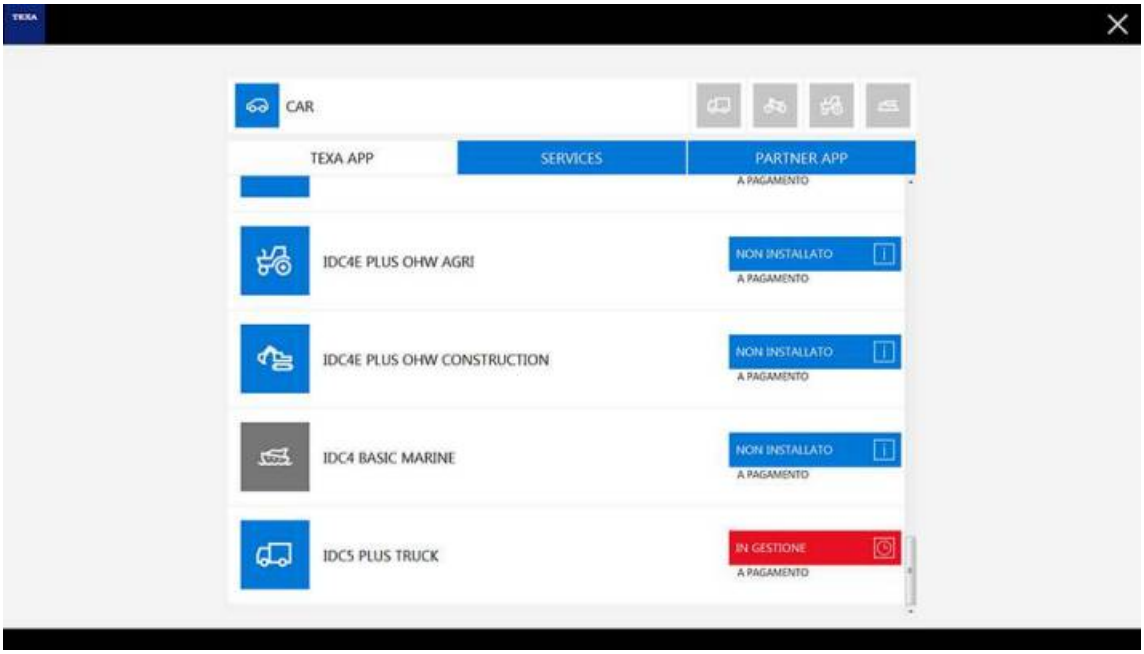
Proceed as follows:

1. Select the desired environment.
2. Press **TEXA APP**.
3. Press **IDC5 PLUS TRUCK**.
4. Press **Request**.



5. Press in the confirmation message.

The app will switch to the **Being processed** status.



The retailer contacts the customer to agree upon a sales price for the app and later provides the **Service Code** required to activate the app.

The next time the software is launched the app will be in the **Installed** status.

6. Enter the **Service Code** in the specific field.

7. Press .

For more information regarding the Service Code go to the chapter "Subscriptions Check - Manual Updates".

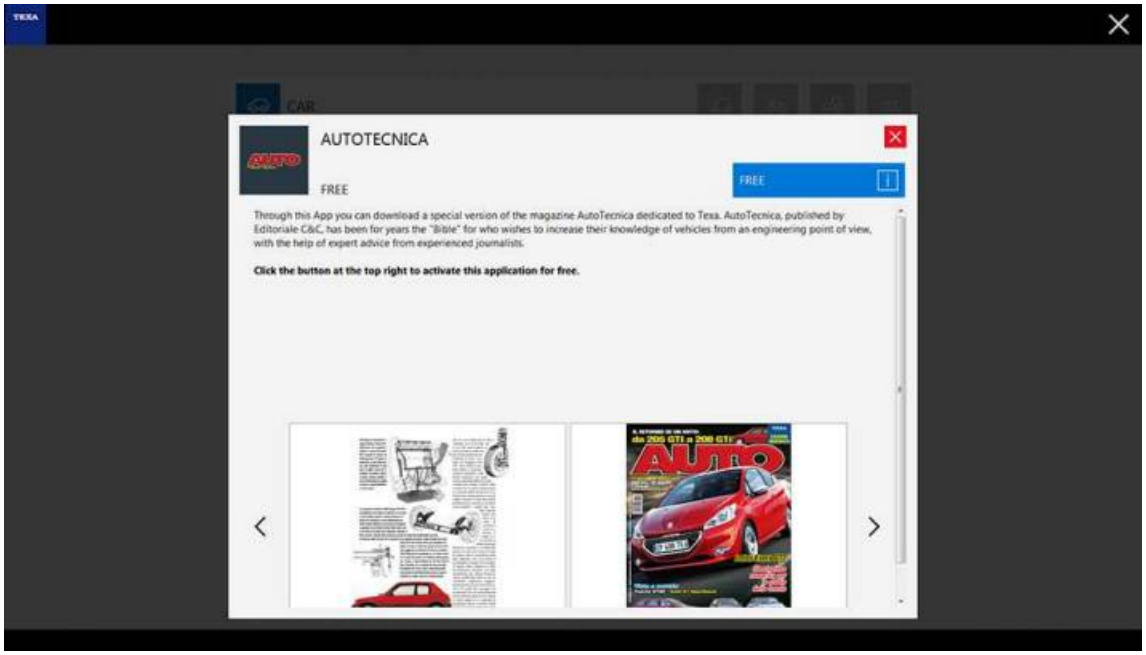
The app is activated and ready to be used.

6.3 Enabling a Free Partner's APP

This procedure illustrates how to enable a free partner's app.

Proceed as follows:

1. Select the desired environment.
2. Press **PARTNER APP**.
3. Press on the app you wish to enable.
9. Press **Free**.



5. Carefully read the **Order Confirmation** and the **Software User License**.

7. Accept the **Order Confirmation** and the **Software User License** by ticking the two boxes related to the documents.

7. Click on the icon **Activate**.

8. Press  in the confirmation message.

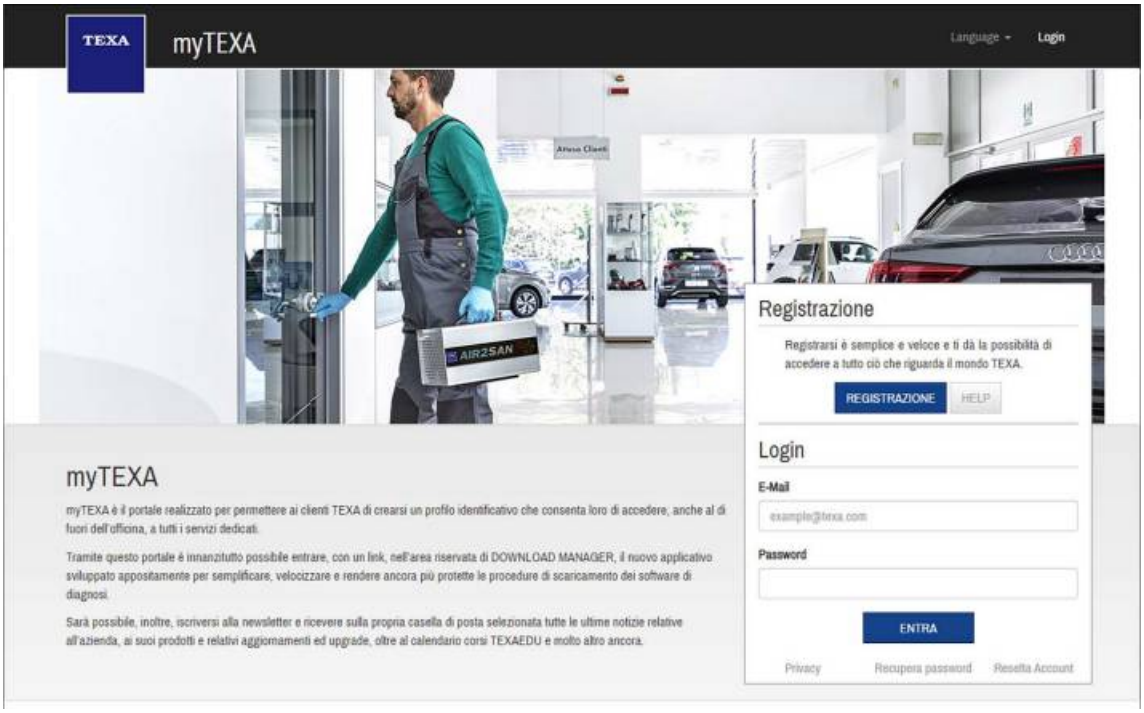
The app is enabled and ready to be used.

7 myTEXA

myTEXA is the portal dedicated to **TEXA** customers.

In **myTEXA** you can:

- *view your personal information;*
- *view the* **TEXA** *tools and devices purchased and activated;*
- *check the software for the tools and devices;*
- *check the active subscriptions and services.*



You can access the **myTEXA** portal:

- *by connecting to the Internet address* https://mytexa.com *and entering your access credentials;*
- *by pressing the icon* 

in the **IDC5 HOMEPAGE***.*
- *from the Links and other functions menu in the selected diagnostic environment.*

In order to access the portal, you need to have a **myTEXA** account.

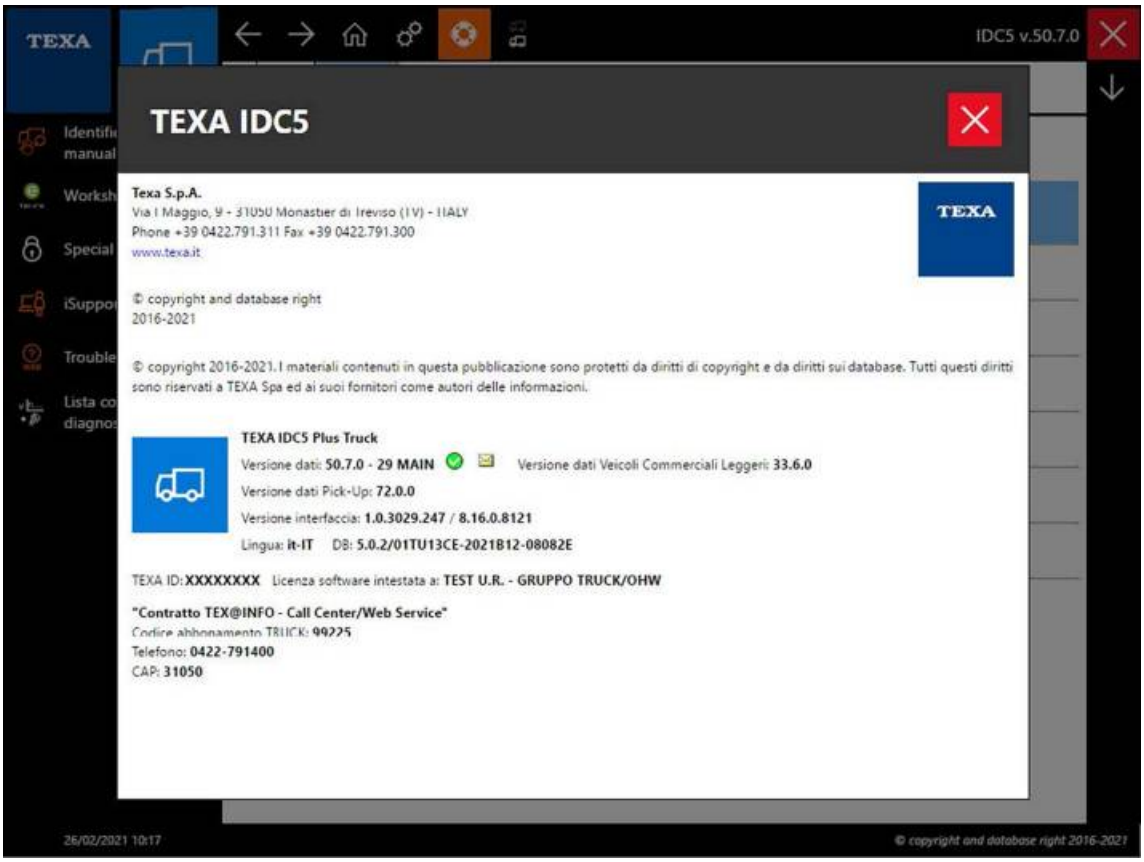
You must sign up to the portal to obtain your LOGIN data, entering the serial number of a **TEXA** tool or device you purchased and your **TEXA ID**.

To get your **TEXA ID**, contact your retailer.

You can also get your **TEXA ID** directly from the **IDC5** software, if you have a **TEXA** diagnostic tool.

Press "**Copyright and database right**" on the bottom right corner of the "**Vehicle Selection**" menu.

The **TEXA IDC5** screen is displayed.



7.1 Diagnostic Reports

The **Diagnostic Reports** service is available **ONLY** for the TRUCK / OHW environment.

The service allows you to access configurable **dashboards** that are available in a graphic or table format.

You can view the data directly through the **dashboard** or create a periodic report containing all the summarised data.

The report is automatically sent to the e-mail address indicated in the company details.

The **dashboards** available in **Diagnostic Reports** are:

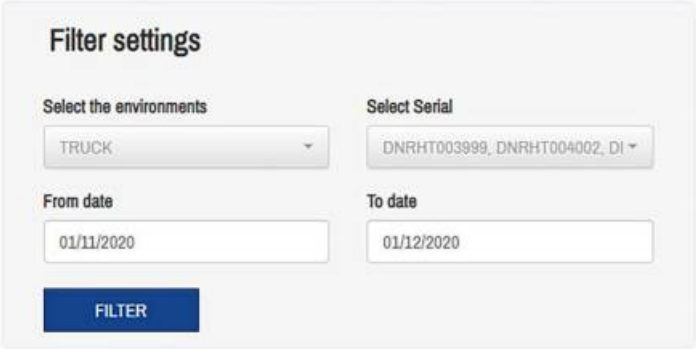
- *general report of diagnoses;*
- *diagnosis by system;*
- *adjustments performed by system;*
- *operator activity;*
- *diagnosis by brand;*
- *DTCs detected by system.*

7.1.1 Dashboard configuration through filters

The **dashboards** can be filtered, from the "**Filter settings**" area, by:

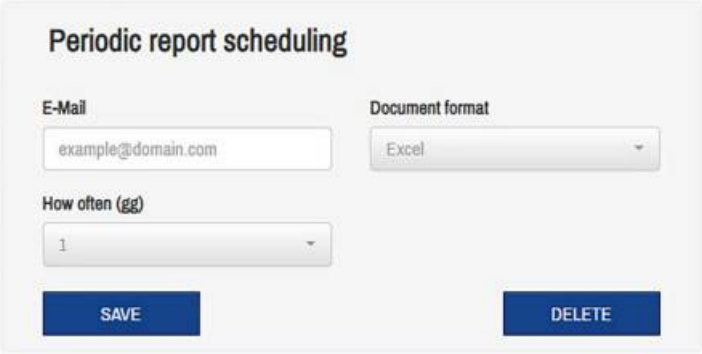
- *environment;*
- *serial number;*
- *reference period.*

The drop-down menus allow setting the filters for the **dashboard** configuration.



7.1.2 Periodic report scheduling

It is possible to activate the periodic generation of a report, which can then be sent via e-mail.



Proceed as follows:

1. Enter the e-mail address to which you wish to send the report in the specific field in the "**Periodic report scheduling**" area.
2. Select the frequency and document format.
3. Press **SAVE**.

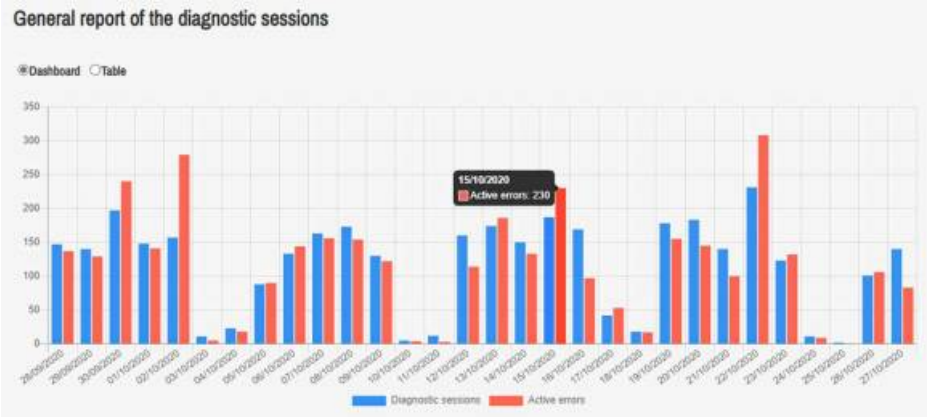
7.1.3 General report of diagnoses

This **dashboard** allows you to view information on the diagnostic scans performed and the related errors.

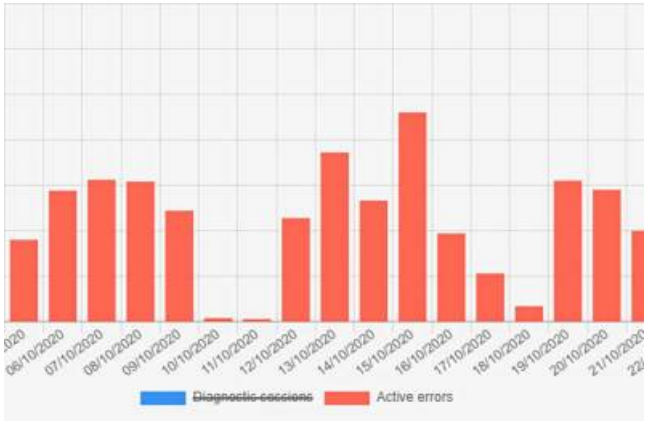
The data can be viewed in a graphic or table format.

GENERAL REPORT OF THE DIAGNOSES IN GRAPHIC FORMAT

The graphic format displays the total number of control unit scans performed and the number of errors detected for each day.



By pressing on the legend under the chart, you can activate or deactivate the categories represented.



When moving the mouse cursor over each column, a label appears indicating the date and number of scans performed or the active errors in the scans performed.

GENERAL REPORT OF THE DIAGNOSES IN TABLE FORMAT

General report of the diagnostic sessions

○Dashboard ◉Table

Date	Number of diagnostic sessions	Number of errors	Number of active errors	Number of stored errors	Average of active errors per diagnosis
10/10/2020	5	36	4	32	0.80
11/10/2020	12	45	3	42	0.25
12/10/2020	160	428	114	314	0.71
13/10/2020	174	364	186	178	1.07
14/10/2020	150	318	133	185	0.89
15/10/2020	187	471	230	241	1.23

Showing 13 to 18 of 30 rows

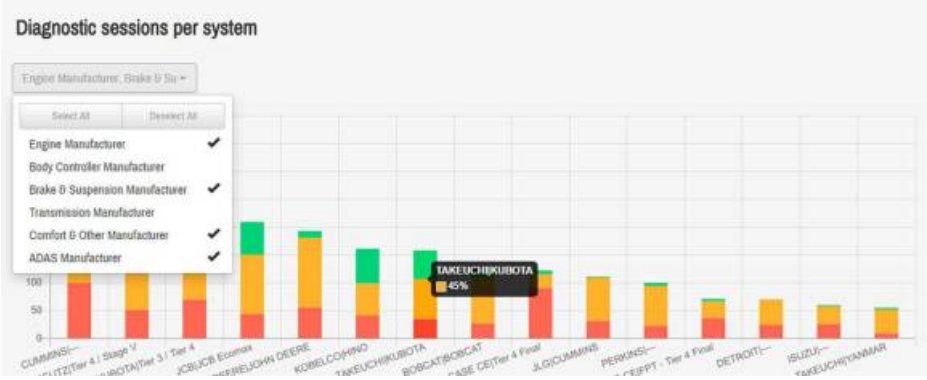
‹ 1 2 3 4 5 ›

The table format displays:

- *the scans performed;*
- *the total number of errors (sum of active and stored errors);*
- *the active errors;*
- *the stored errors;*
- *the ratio between the scans performed and the number of active errors.*

7.1.4 Diagnosis by system

This **dashboard** shows the performed diagnoses in a graphic format, divided by system type, for the selected period of time and tools.



The bars in the chart are in decreasing order, from the highest to the lowest value, and show the total number of performed diagnoses divided by make and engine.

The colours in each bar indicate the detected errors in percentage.

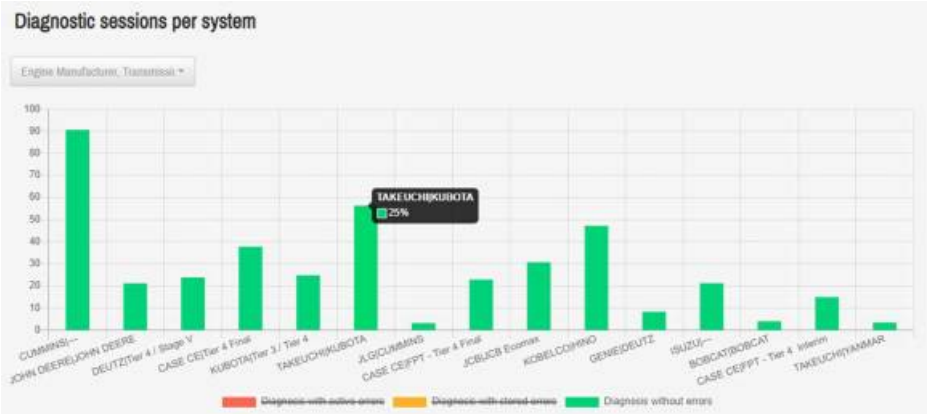
- *red: the active errors;*
- *orange: the stored errors;*
- *green: no errors detected.*

The **dashboard** can be configured with six types of categories available.

Proceed as follows:

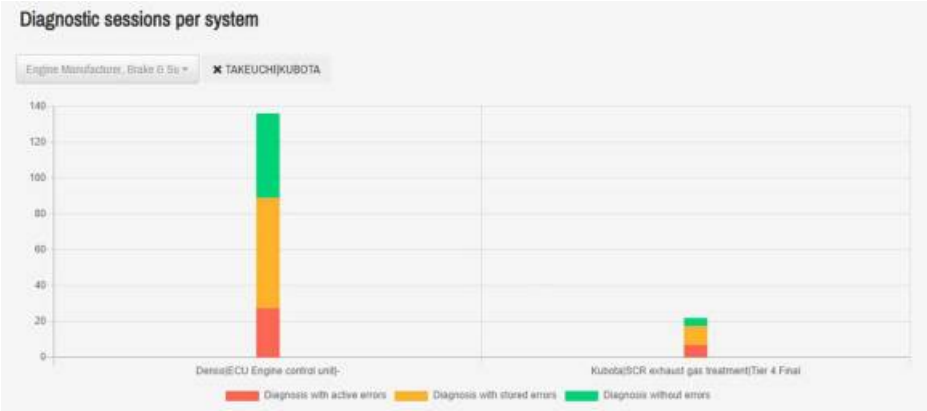
1. Press on the top left drop-down menu.
2. Select the desired category.

By pressing on the legend under the chart, you can activate or deactivate the categories represented.



When moving the mouse cursor over each column, a label appears indicating the error type and the manufacturer.

Moreover, clicking on a single bar allows viewing the details of each system.



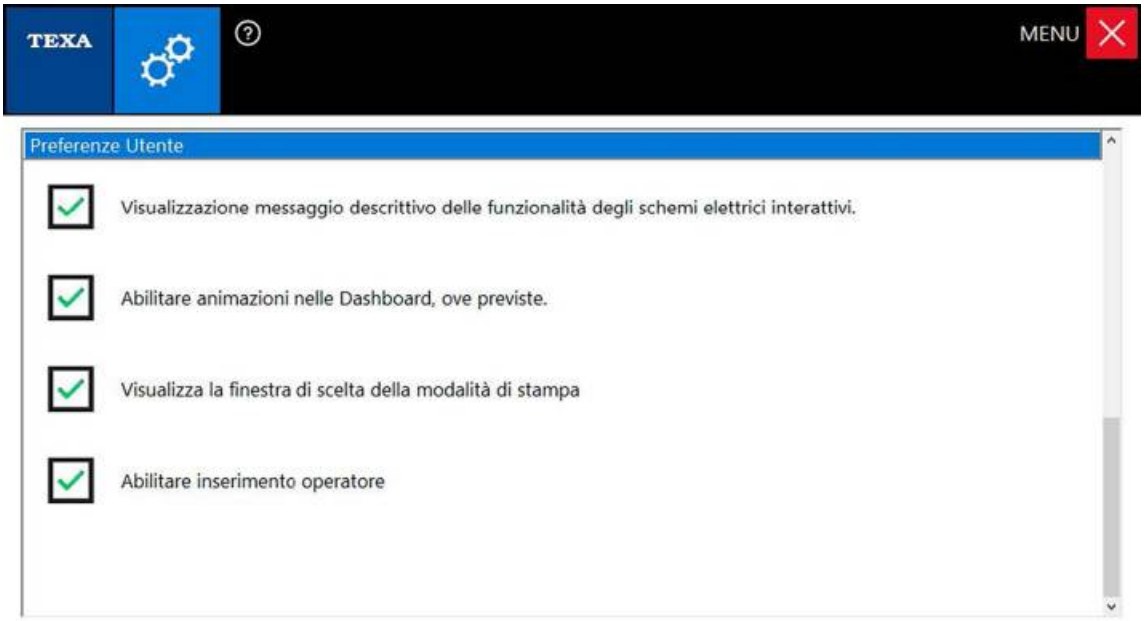
7.1.5 Operator Activity

The function allows associating a specific operator to each diagnostic session.

The function is automatically enabled by the system.

To check if the function is active or deactivate it, proceed as follows:

1. From the **Environment Settings** menu, press  .



2. Select "Enable operator entry".

This **dashboard** displays, for each operator:

- *the total number of scans by system;*
- *the diagnoses performed with* **TGS3s***;*
- *the adjustments performed.*

Proceed as follows:

1. From the top left drop-down menu, select the type of operation to display.

8 WEBCAM

This function allows activating the display unit's Webcam.

Activating the Webcam allows transmitting and recording the images taken in real time while the vehicle analysis is in progress.

Icon	Name	Description
	Camera	It allows taking instant photos of parts of the vehicle or of the complete vehicle being analysed.
	Settings	It allows selecting the Webcam functions.
	It displays the photo galley	It allows viewing the snapshots taken.
	Front and rear video camera	It allows changing the view of the camera from the front to the rear and vice versa.
	Flash activation	It allows activating and deactivating the camera's flash.
	Archive	It displays the folder in which the images taken are saved.

9 DIAGNOSIS: VEHICLE SELECTION

This function allows you to select the vehicle on which you wish to work and to access the diagnosis functions.

The selection is made by choosing among the options available in the drop down menu of the specific fields:

- *Category*
- *Make*
- *Model*
- *Engine type*
- *Vehicle Code*

These fields make up the **selection levels**.

In order to go from one selection level to the next you must first complete the level you are currently in.

Example: you cannot select the **Make** if you did not select the **Category** first.

The **selection** is **complete** when an item has been selected for each level.

NOTICE

*During the selection, in the **Side Menu** on the left you may find icons that allow you to access functions which are specific for the level of selection.*

At the end of the selection, the software will display a specific menu for the selected vehicle.

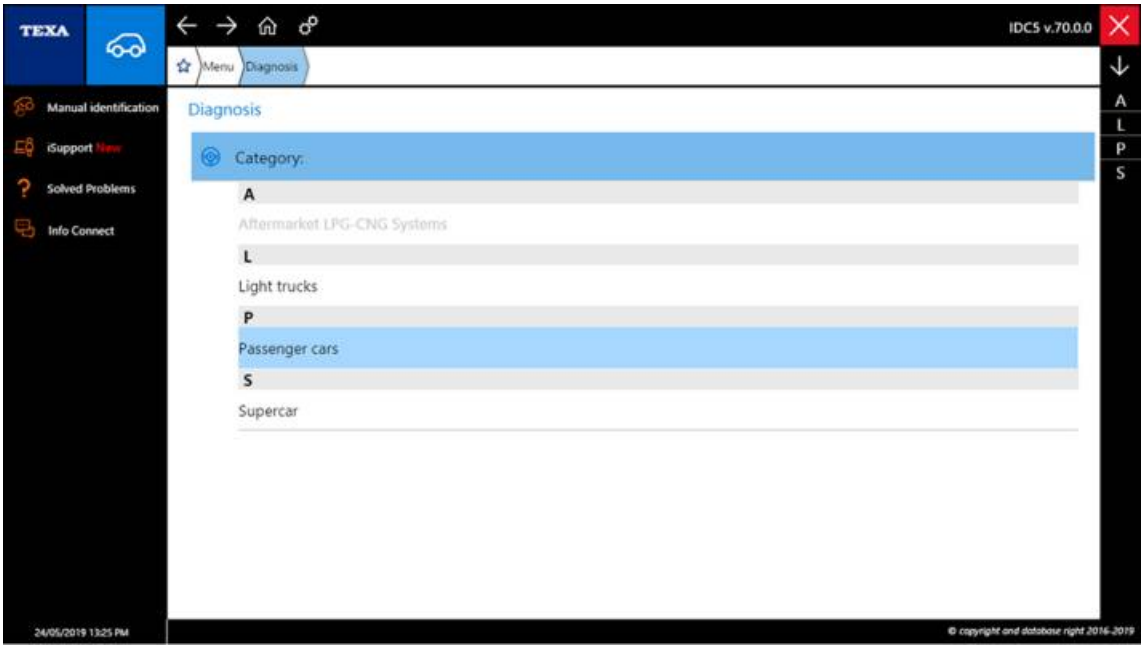
This menu includes the tests that can be carried out on the vehicle.

The **Vehicle Selection** screen is the first one the software displays upon start-up.

Alternatively, you can launch it from the **Home** screen.

Proceed as follows:

1. Press  .
2. Select the **Category**.



3. Select the **Make**.

The makes, models and engine types are in alphabetical order.

For quick access to the items within the different selection levels you can:

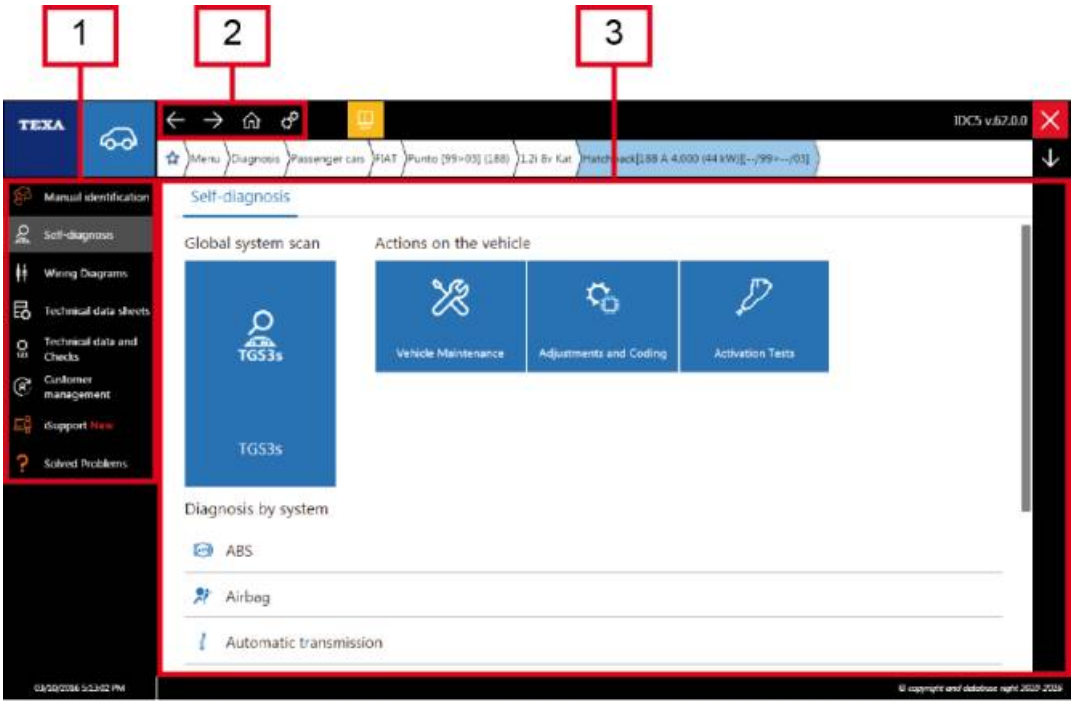
- *Use the vertical scroll bar.*
- *Press the first letter of the desired make / model / engine type directly on your keypad.*
- *Press on the first letter of the desired make / model / engine type in the list displayed on the right of your screen.*

From the **Make** selection level you can also launch the **VIN Scan 2.0** function.

For more information consult the relative chapter.

4. Select the **Model**.
5. Select the **Engine type**.
6. Select the **Vehicle Code**.

The selection is complete.



This screen is divided into three sections:

1. *Side Menu;*
2. *Navigation Bar;*
3. *Preparing for diagnosis.*

The functions available in this screen depend on the selection made.

9.1 Side Menu

The icons in the side menu launch specific functions for the current selection level.

Icon	Name	Description
	Manual Identification	It allows you to launch the functions that search for the vehicle by VIN, engine code and license plate number.
	Self-diagnosis	It allows launching the self-diagnosis function on the selected system.
	Wiring diagrams	It allows you to view the wiring diagrams related to the selection made.
	Technical Sheets	It allows you to access the support information made available by the software. The information is divided into: • **System Sheets** *(subdivided in* **Bulletins** *and* **Technical data sheets***);* • **Vehicle Sheets** *(subdivided in* **Bulletins** *and* **Technical data sheets***);*
	Technical Data and Checks	It allows accessing the mechanical and maintenance data regarding the selection made.
	Customer Management	It allows you to access the database for managing the customers and the actions carried out on the related vehicles.
	iSupport	Allows you to access the on-line assistance function. *
	Solved Problems	It allows searching within the TEXA S.p.A. database for solutions to specific cases of vehicle malfunctions. *
	Info Connect	It allows remote diagnosis connecting to the TEXA Call Center. This function is available up to the vehicle's **Model** section.

INFORMATION *You must have an active Internet connection.*

9.2 Navigation Bar

The navigation bar indicates the selection made, divided into the levels of selection.

By pressing on one of the segments that make up the bar, you can return to the corresponding level of selection.

The software also displays provides the following lists:

- *Last 20 Selections;*
- *Selections saved.*

Icon	Name	Description
☆	Favourites	It allows entering the current selection in the list of **Selections Saved**.
↓ / ↑	Open / Close	It allows opening / closing the drop-down menu from where you can access **Selections Saved** and **Last 20 Selections**.
🗑	Delete	It allows deleting the selections from **Selections Saved** and **Last 20 Selections**.

NOTICE

*You can delete the selections in **Last 20 Selections** and **Selections Saved** by ticking the boxes corresponding to the selections you wish to delete and then pressing* 🗑.

10 VEHICLE IDENTIFICATION

This function allows identifying and selecting a vehicle without having to use **Vehicle Selection**.

You can identify a vehicle automatically through the **VIN Scan 2.0** function or manually through the search by VIN, engine code or license plate number.

10.1 VIN Scan 2.0

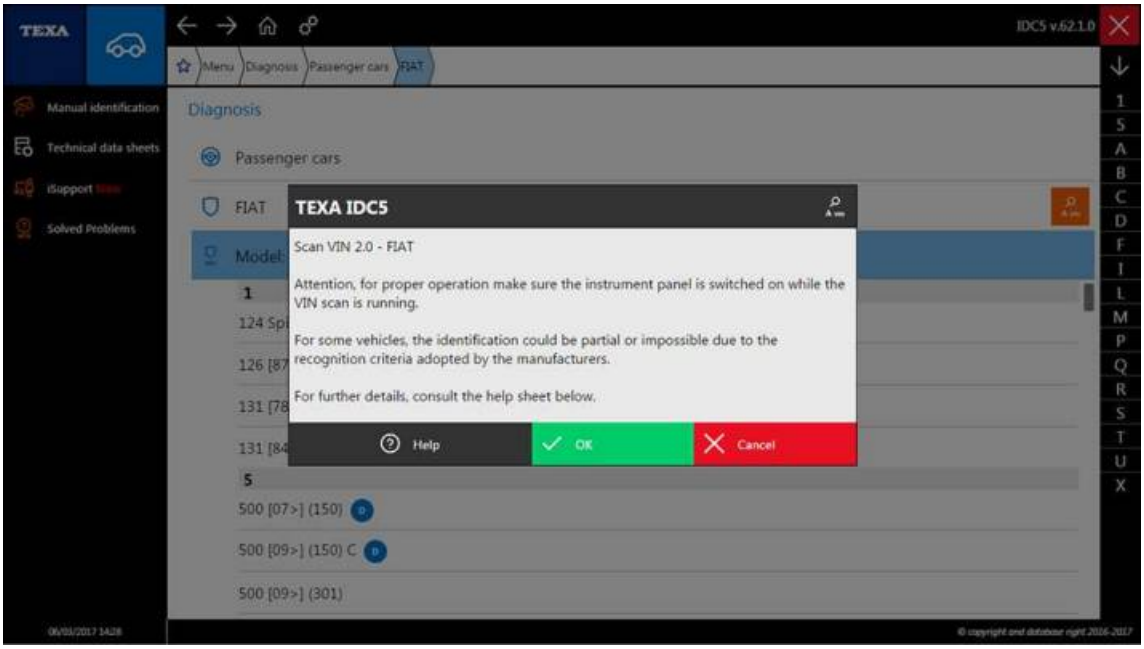
This function allows automatically identifying the vehicle the diagnostic device is connected to.

The function uses the device to scan the control units and retrieve the vehicle's VIN.

Proceed as follows:

1. During the selection, press  .

2. Press  .



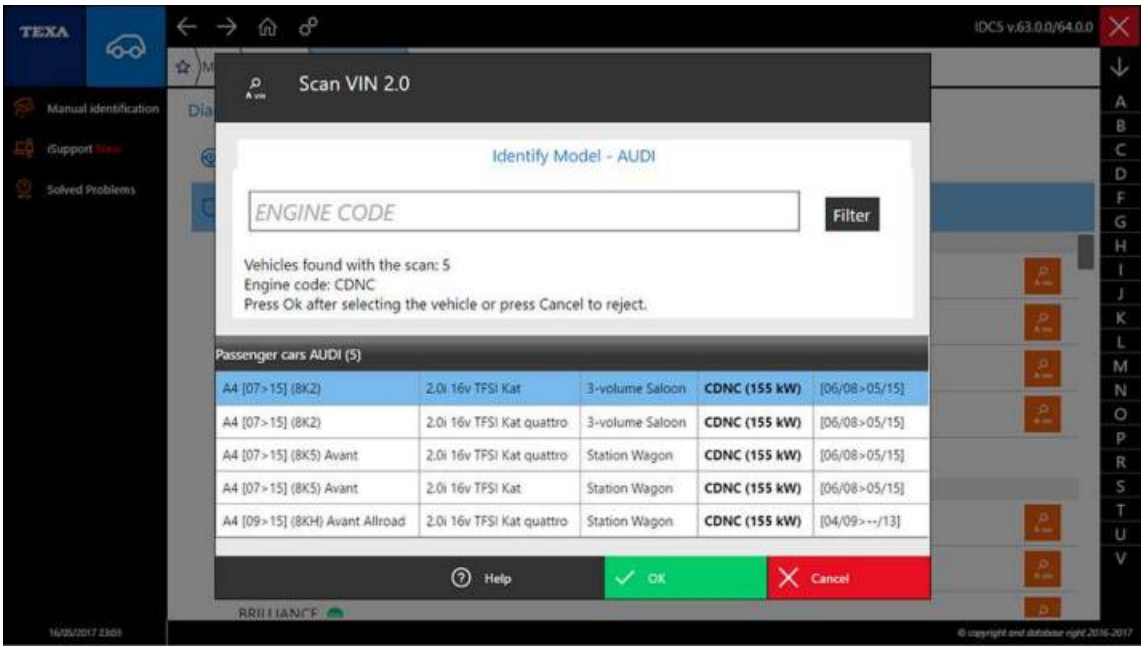
Icon	Name	Description
	Help	It allows you to view a help screen regarding the automatic VIN identification.

If the vehicle cannot be identified univocally, the software suggests a list of possible vehicles to select from.

Furthermore, it uses the engine code to filter the available results and make the identification easier.

The engine code can be automatically returned by the control unit or entered manually in a specific text field.

3. Enter the engine code in the specific field.
4. Press **Free**.
5. Select the desired vehicle.
6. Press  .



The selection has been carried out.

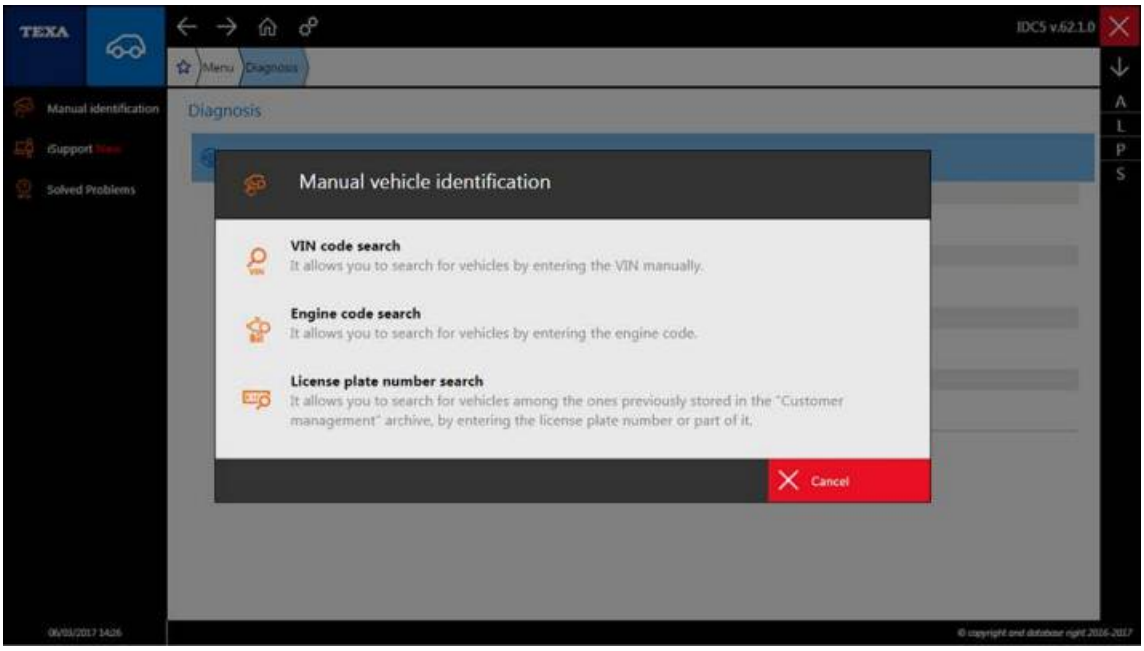
10.2 *Manual Vehicle Identification*

This function allows you to select a vehicle using the following search keys:

- *VIN;*
- *engine code;*
- *license plate number stored in the* **Customer Management** *archive.*

Proceed as follows:

1. Press  .
2. Select the function desired.



Icon	Name	Description
	Search by VIN	It allows you to select a vehicle by entering the VIN in a specific field.
	Search by Engine Code	It allows you to select a vehicle by entering the engine code in a specific field.
	Search by License Plate Number	It allows you to recall a vehicle previously selected and stored in the **Customer Management** archive.

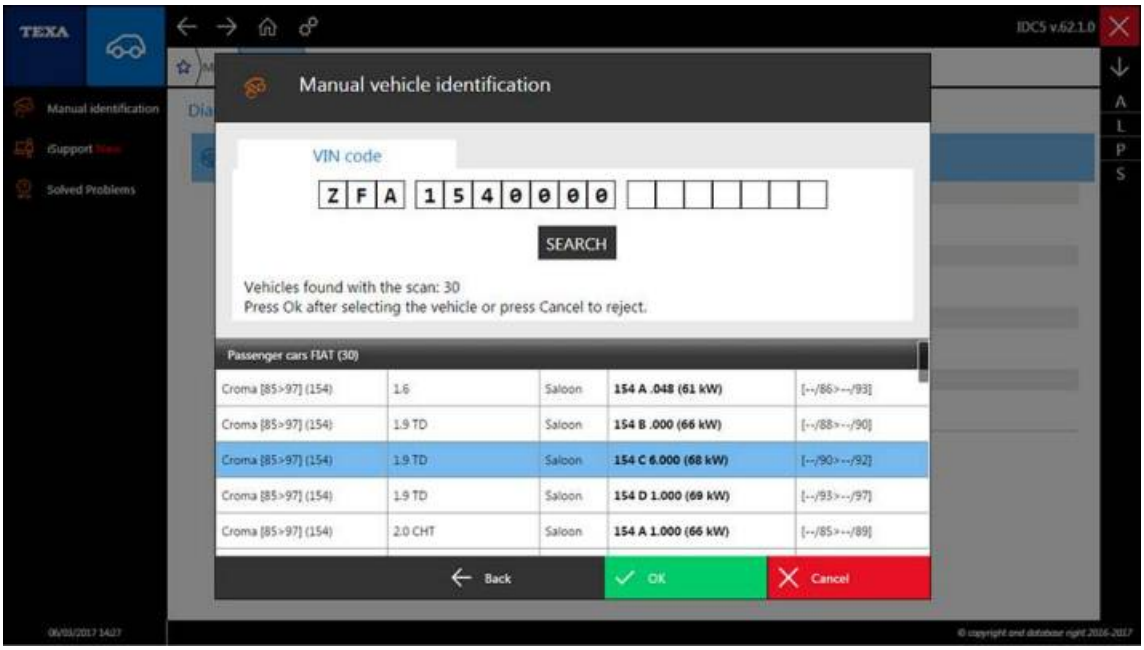
10.2.1 Search by VIN

This function allows you to select a vehicle by entering the VIN in a specific field.

You are required to enter at least 10 characters in order to launch the search.

Proceed as follows:

1. Press  .
2. Digit the VIN (whole or partial) in the specific field.
3. Press **Search**.
4. Select the desired vehicle.
5. Press  .



The selection has been carried out.

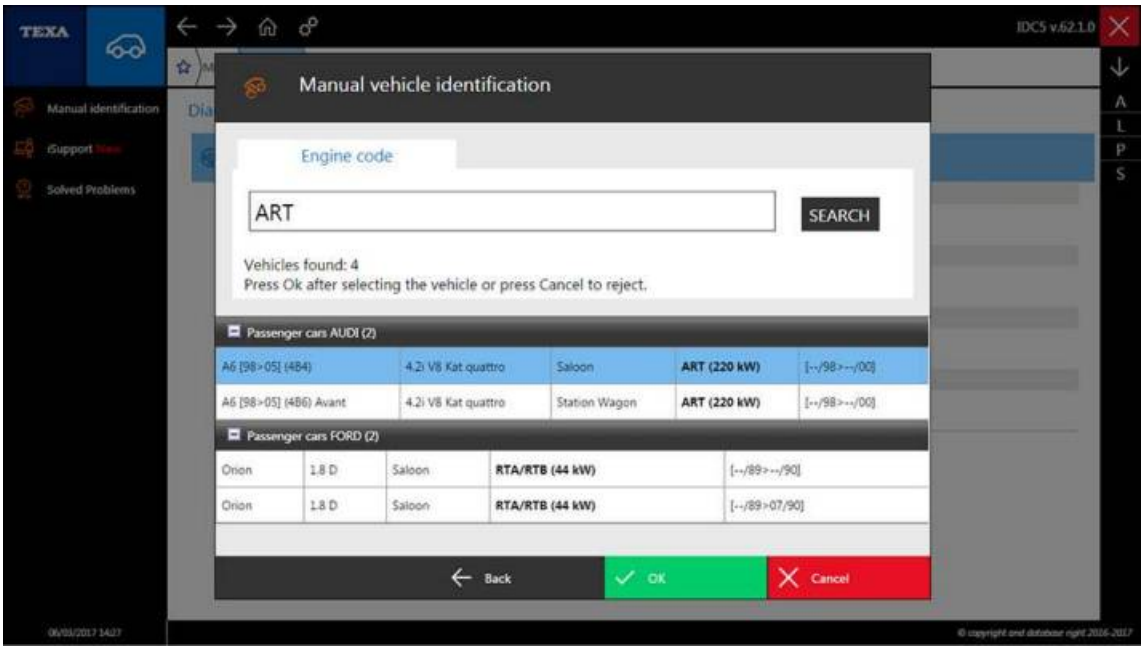
10.2.2 Search by Engine Code

This function allows to select a vehicle by entering the engine code in a specific field.

You are required to enter at least two characters in order to launch the search.

Proceed as follows:

1. Press  .
2. Digit the engine code (whole or partial) in the specific field.
3. Press **Search**.
4. Select the desired vehicle.
5. Press  .



The selection has been carried out.

10.2.3 Search by License Plate Number

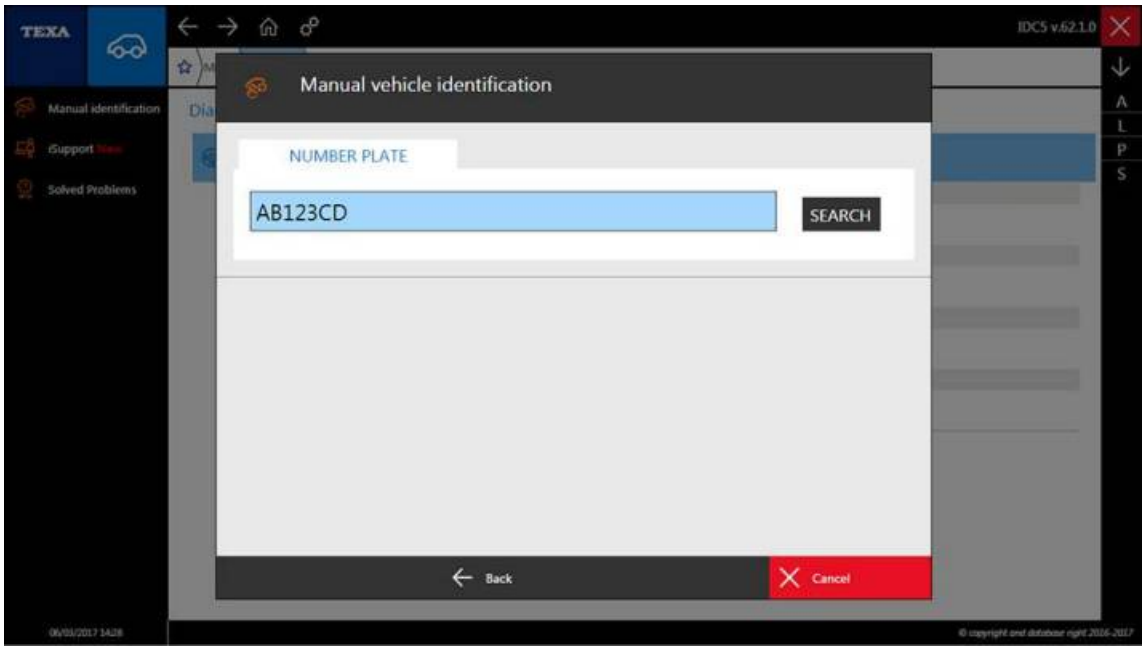
This function allows you to recall a vehicle previously selected and stored in the **Customer Management** archive, by entering the license plate number.

For more information see the Customer Management chapter.

You are required to enter the complete license plate number in order to launch the search.

Proceed as follows:

1. Press  .
2. Digit the desired license plate number in the specific field.
3. Press **Search**.



The selection has been carried out.

The license plate number you entered is displayed in the top part of the screen.

11 PREPARING FOR DIAGNOSIS

Once the vehicle selection is complete, you can access the diagnosis preparation screen.

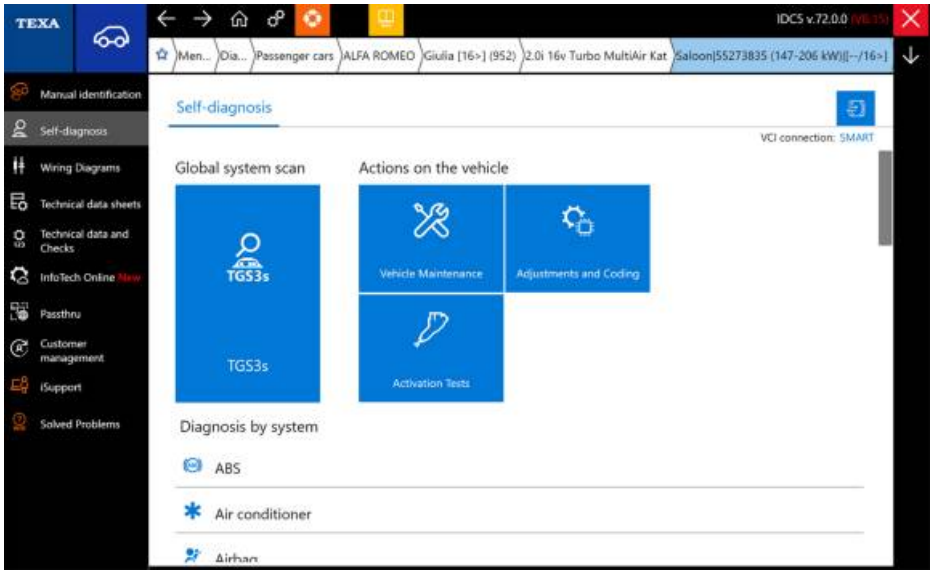
This screen is divided into three sections:

- **Global System Scan:** *in which you can start the functions* **TGS3s**, **System Scan** *and* **Global Scan** *(based on the environment);*
- **Actions on the Vehicle:** *from which you can launch the* **Vehicle Maintenance**, **Adjustments and Codings** *and* **Device Check** *functions;*
- **Diagnosis by System:** *from which you can select the system you wish to start the diagnosis on.*
- **VCI connection:** *from which you can change the diagnostic device's type of connection.*

Proceed as follows:

1.Carry out a complete selection.

The **Preparing for Diagnosis** screen is displayed.



Global System Scan:

Icon	Name	Description
	Systems Scan	It allows you to launch the function that searches for the control units installed on the vehicle.

Actions on the Vehicle:

Icon	Name	Description
	Vehicle Maintenance	It allows you to access the **Activations** or **Adjustments** functions for the specific component selected.
	Adjustments and Codings	It allows you to access the **Adjustments** function for the specific component selected.
	Device Check	It allows you to access the **Activations** function for the specific component selected.

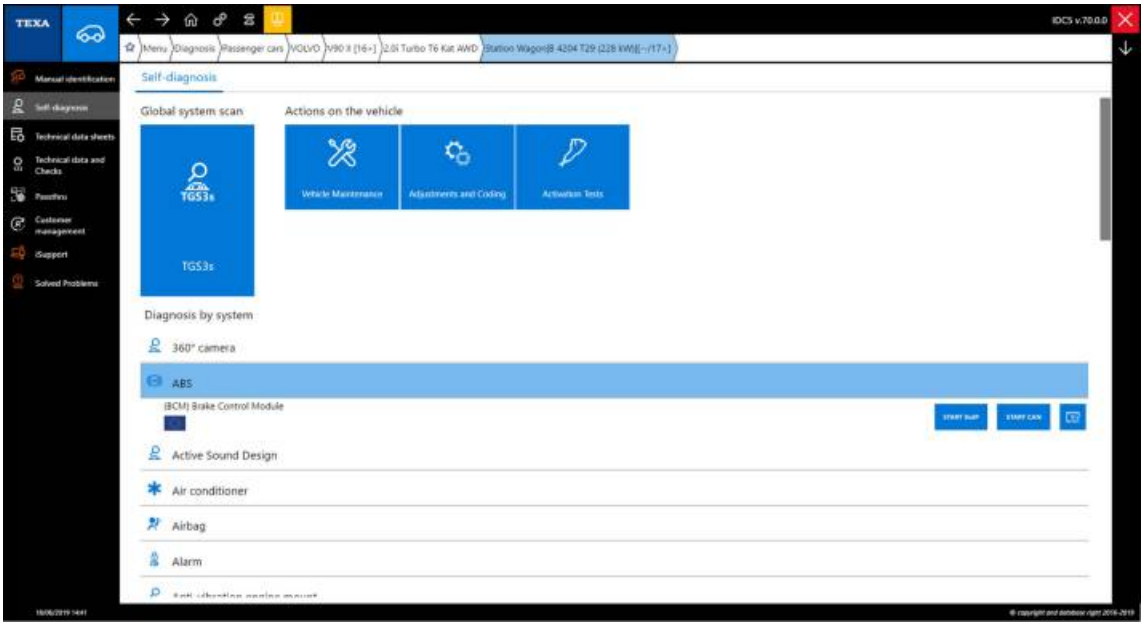
11.1 Diagnosis by System

The following procedure allows you to start the communication with the control unit of the vehicle being tested and to carry out the desired self-diagnostic operations.

Proceed as follows:

1.Select the **System**.

2.Select the **Variant**.



Icon	Name	Description
START	Start	It allows launching the diagnosis on the selected system.
START DoIP	Start DoIP	It allows launching the DoIP diagnosis on vehicles compatible with ISO 13400.
START CAN	Start CAN	It allows launching the CAN diagnosis on the selected system.
	Diagnosis Information	It allows you to view a screen that provides additional information on the diagnosis you are about to carry out.

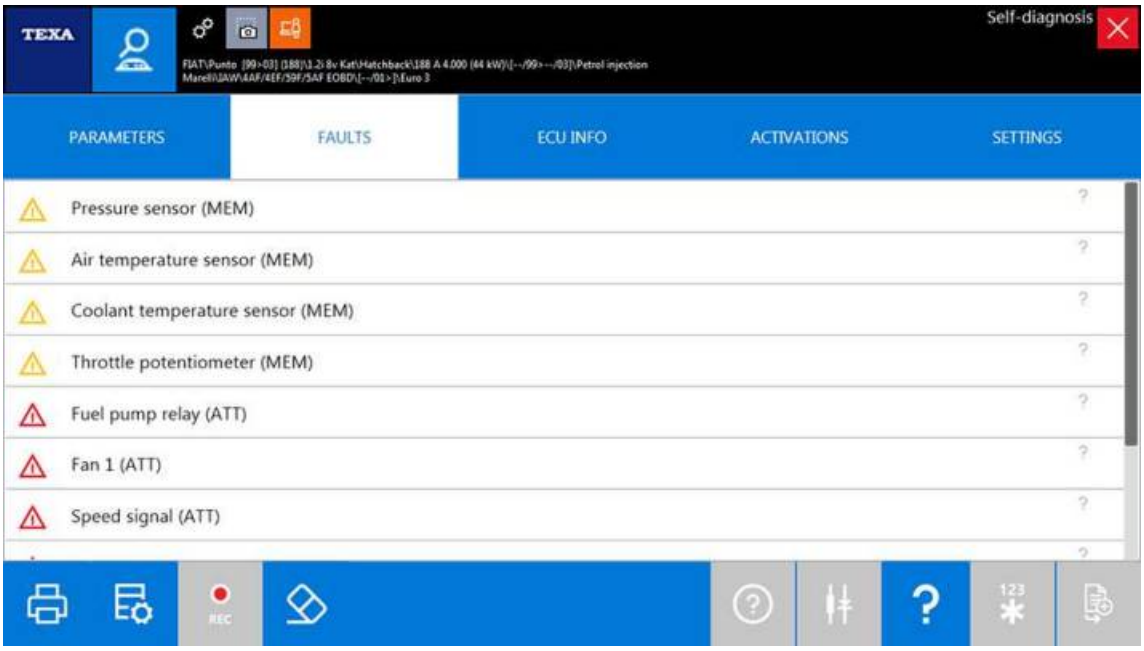
3. Press **Start**.

Wait for the device's initialisation.

4.Turn on the instrument panel when requested to.

5.Press **Confirm**.

6.Select the desired function.



INFORMATION

For further information related to the functions that are available, see the Self-diagnosis chapter.

INFORMATION

*For some selections the **Manual Self-diagnosis*** is available.

The function allows displaying sheets that illustrate how to perform operations on the vehicle without the help of diagnostic devices.

The operations must be performed thoroughly following the indications that appear on the software's screens.

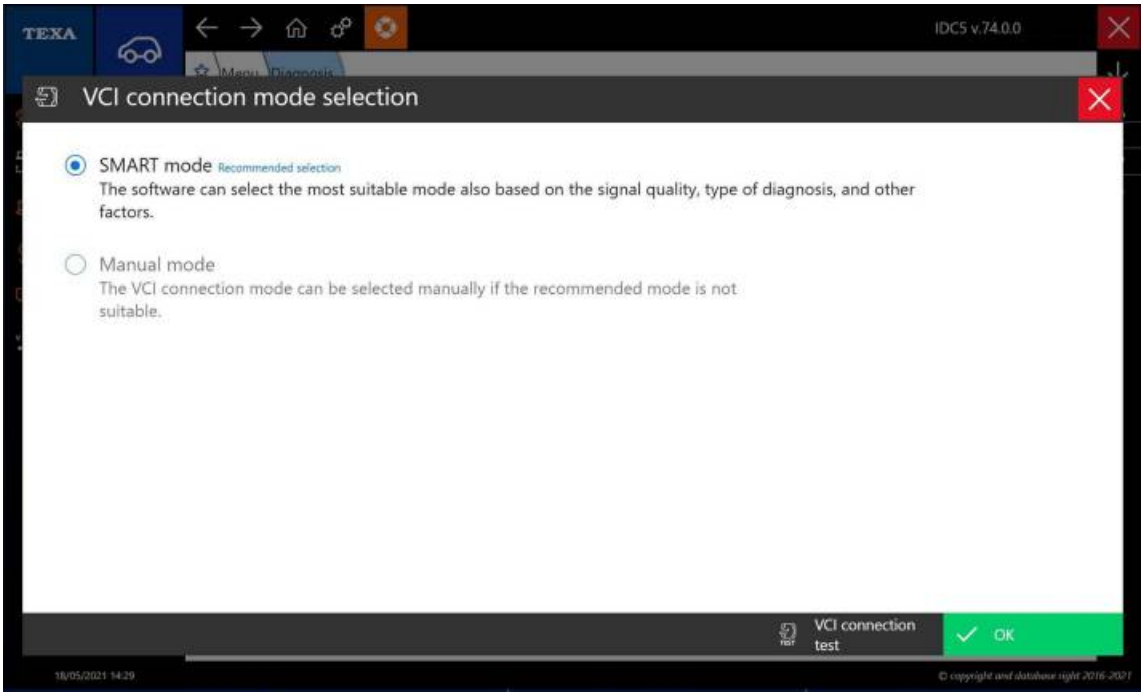
Furthermore, the function allows you to view the description of a fault through a search of the related code.

11.2 VCI Connection

The function allows changing the diagnostic device's connection mode.

Proceed as follows:

1.Press 



The SMART module selects the best mode by evaluating the actual connection availability and following a predefined order based on priority.

Icon	Name	Description
TEST	VCI connection test	It allows you to carry out an operating test on the VCI connections and communicate the result to TEXA's technical assistance service using the Technical Support function. **For further information, see the Technical Support chapter.**

11.3 Diagnosis Information Screen

The screen related to the information regarding the diagnosis provides the following information:

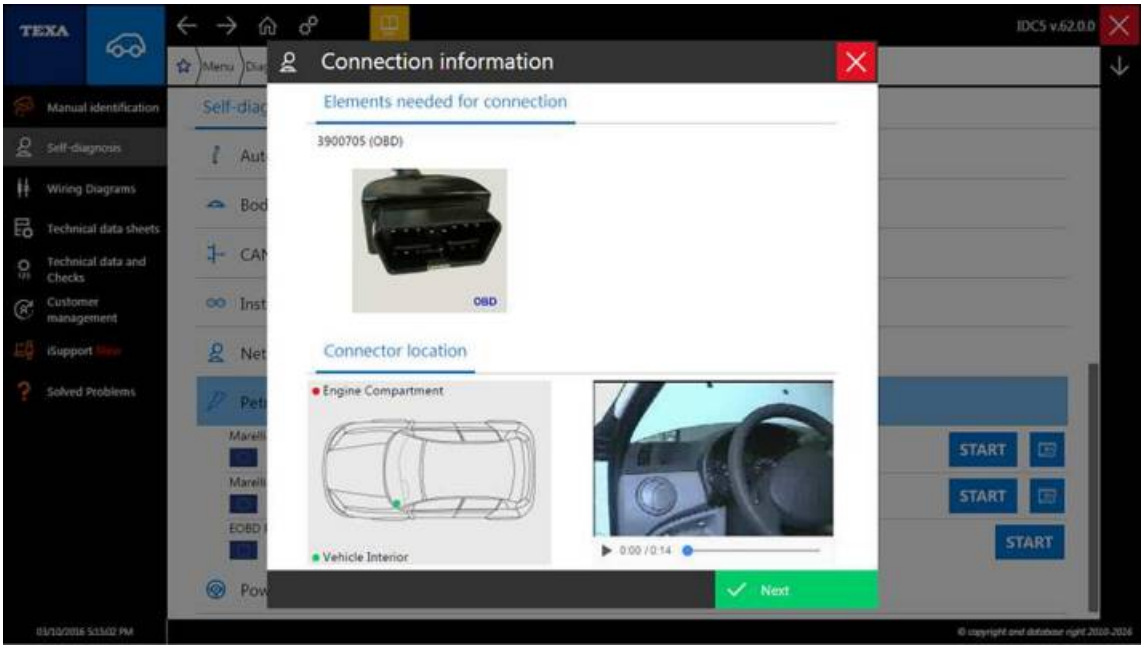
- *Image and code of the diagnostic cable to use.*
- *Image and code of the diagnostic device that must be used.*
- *Image of the type of power supply to use (when required).*
- *Outline of the vehicle indicating the location of the diagnostic socket with a coloured dot.*
- *A video demonstrating how to access the diagnostic socket.*

The images and videos may vary based on the vehicle and type of diagnosis (Standard, DoIP, CAN, etc.) selected.

Proceed as follows:

1.Press  .

The screen regarding the diagnostic information is displayed.



Icon	Name	Description
✓	Confirm	It allows you to launch the diagnosis on the selected system.

12 SELF-DIAGNOSIS

This function allows you to carry out diagnostic operations on the control unit of the vehicle being tested.

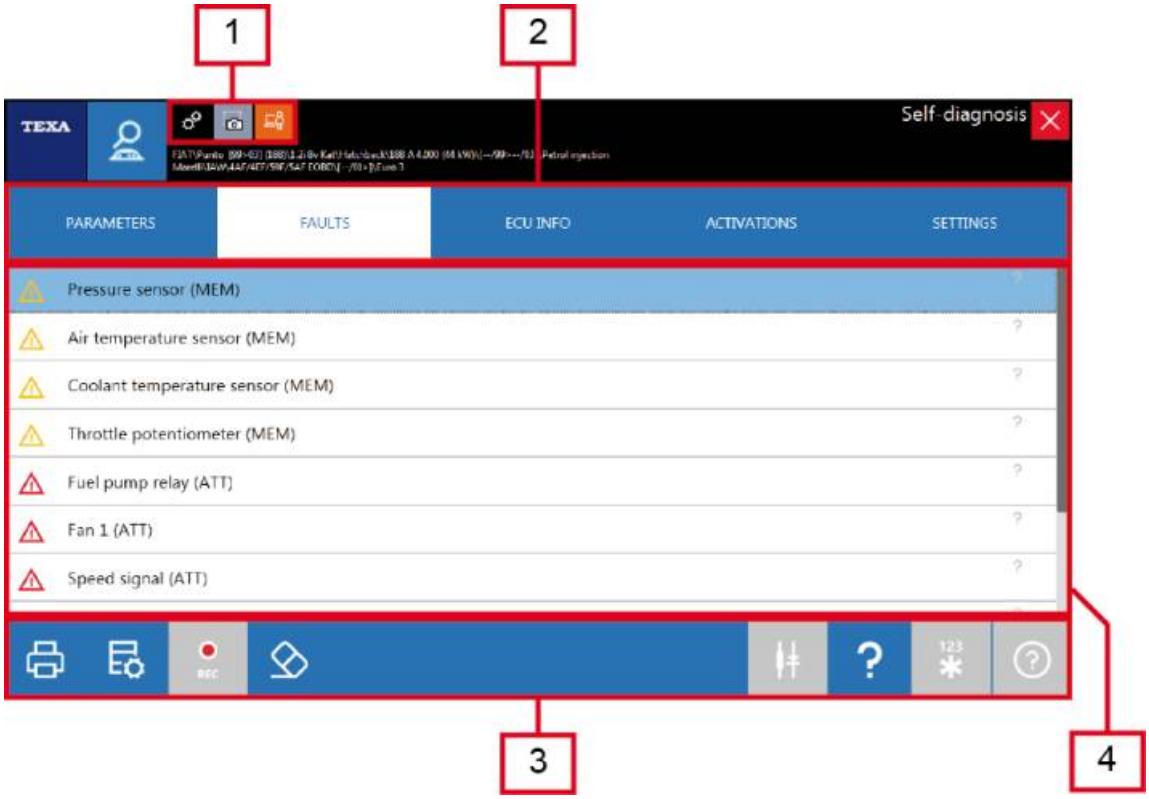
The functions and the operating procedures of each electronic system are defined by the manufacturer of the control unit and of the vehicle.

However, the methods of use by the operator for the software remain the same.

After starting the diagnosis, the error screen is displayed by default.

Proceed as follows:

1.Select the desired function by clicking the corresponding icon or label (Parameters, Errors, etc.).



This screen is divided into 4 sections:

1. *Common Functions (Self-diagnosis);*
2. *Diagnostic Pages;*
3. *Workspace;*
4. *Specific Functions.*

Functions available in the **Common Functions (Self-diagnosis)** section:

Icon	Name	Description
	Legend	It allows you to view the legend of the icons used in the **Self-diagnosis**.
	Settings	It allows you to view the information related to the diagnosis and to set the system of measurement to use.
	Printscreen	It allows you to capture images on the screen (screenshot). Afterwards, the screenshots can be found in the **Customer Management** archive.
	Development Requests	It allows you to launch the **iSupport** function to send TEXA requests for the development of new functions. Unlike the classic **iSupport** function, in this case only the following functions are available: • *Technical Support;* • *Diagnosis Development Requests.* **For more information consult the relative chapter.**
	Fault Notification	It allows you to save and to send TEXA, at a later time, a file containing the operations carried out by the user during the diagnosis. This way, if the user detects a fault, TEXA technicians can work to find a solution for the future versions.

Pages available in the **Diagnostic Pages** section:

Name	Description
Errors	It allows displaying and deleting the errors detected by the control unit.
Guided Diagnosis	It allows displaying the step-by-step guided instructions for the maintenance, repair and troubleshooting of the selected vehicle. **The visibility of this page depends on the type of subscription and on the software license.**
Parameters	It allows managing the monitoring of the parameters provided by the control unit.
Status	It allows viewing the statuses that the specific data provided by the software acquires.
ECU info	It allows viewing information related to the control unit you are connected to and identifying it correctly.
Activations	It allows testing the operation of specific actuators (components piloted by the control unit) by activating them temporarily.
Adjustments	It allows performing permanent adjustments on specific electronic components.

INFORMATION

Based on the selection carried out, some Diagnosis Functions may not be available.

The Workspace and Specific Functions sections are explained in the specific chapters of the Diagnosis Functions which include them.

For some selections, it is possible to view the parameters and statuses within a single screen.

This type of display makes the diagnosis less dispersive and it also makes it easier to gather information.

12.1 *Printscreen*

This function allows you to capture images on the screen (screenshot).

Afterwards, the screenshots can be found in the **Customer Management** archive.

Proceed as follows:

1.Press  to capture the active screen.

Once the diagnosis is complete, the **Customer Management** function, in which the screenshots are saved, is launched.

INFORMATION *For further information see the Customer Management chapter*.

12.2 *Fault Notification*

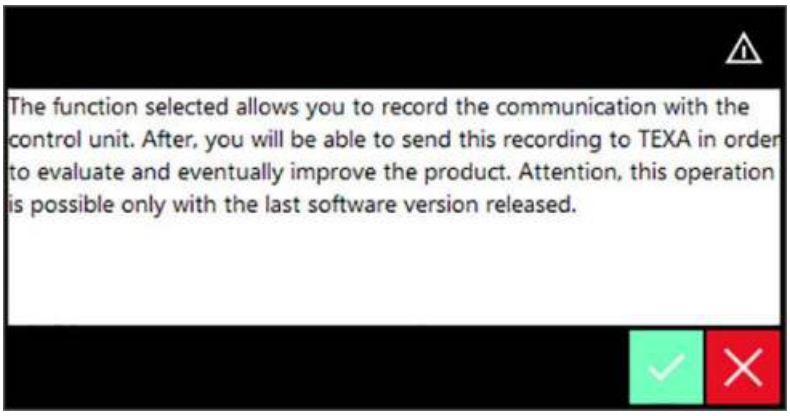
This function allows you to save and to send TEXA, at a later time, a file containing the operations carried out by the user during the diagnosis.

This way, if the user detects a fault, TEXA technicians can work to find a solution for the future versions.

Proceed as follows:

1.Press .

2.Press .



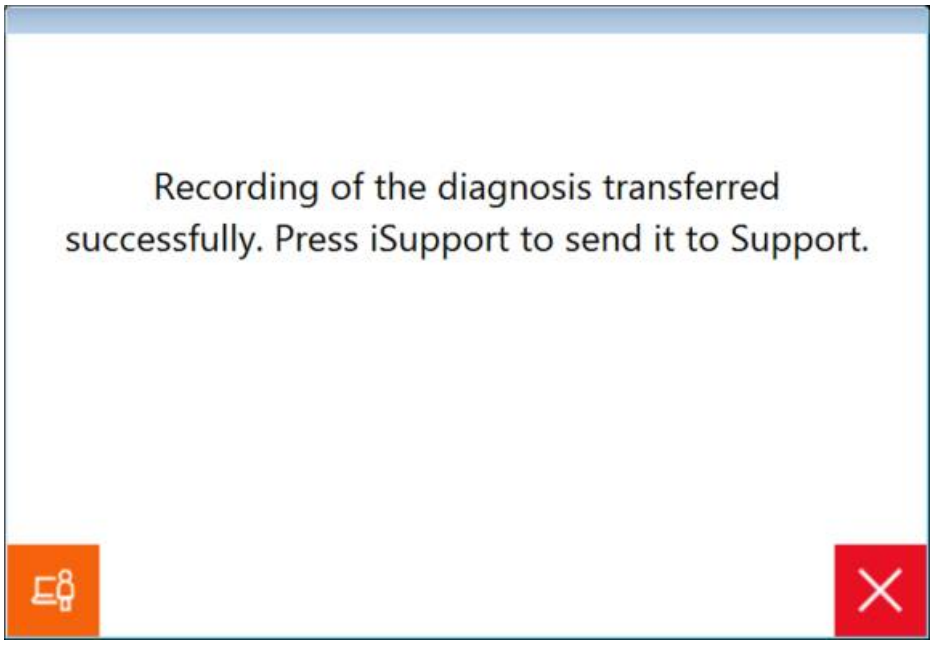
By means of a specific message, the software warns that the diagnosis must be restarted before using the function.

3.Press .

At this point, carry out the operations that trigger the fault.

4.Close the **Self-diagnosis** function.

The software creates the file automatically and prepares to send it.



Icon	Name	Description
	iSupport	It allows you to send the file to TEXA through **iSupport**.

5.Press .

6.Fill in the required fields.

7.Press **Continue**.

The notification has been sent.

INFORMATION

NO CONNECTION

*If there is no connection, the file is saved in the **Customer Management** archive so it can be sent to TEXA at a later time.*

The software indicates that there is no Internet connection through a warning screen.

I.Press 

The actions' screen is displayed.

*You can create a new action using the **Enter Action** function or associate the operation to an action that has already been created.*

II.Select the desired action or create a new one.

When the Internet connection is available again, the file can be sent to TEXA using  .

INFORMATION

For further information see the Customer Management chapter.

12.3 *Errors*

In this page you can also view and delete the errors that have been detected by the control unit while the engine was running.

The control unit stores these errors in a permanent memory.

This allows the operator to understand whether the malfunctions occurs in specific conditions or if it is always present.

Once the error has been reported, the software provides information on the type of malfunction.

The operator may try to repair the malfunction and then proceed deleting the error from the control unit's memory.

The errors can be marked by three different statuses:

Icon	Status	Description
	Current (ATT)	It indicates the presence of an error during the connection, therefore not stored in the control unit but present at the moment.
	Stored (MEM)	It indicates an error stored in the control unit, but no longer present.
	History (STO)	It indicates that the error previously deleted from the control unit using the **Error Clearing** function, is now stored in the diagnostic device's memory.

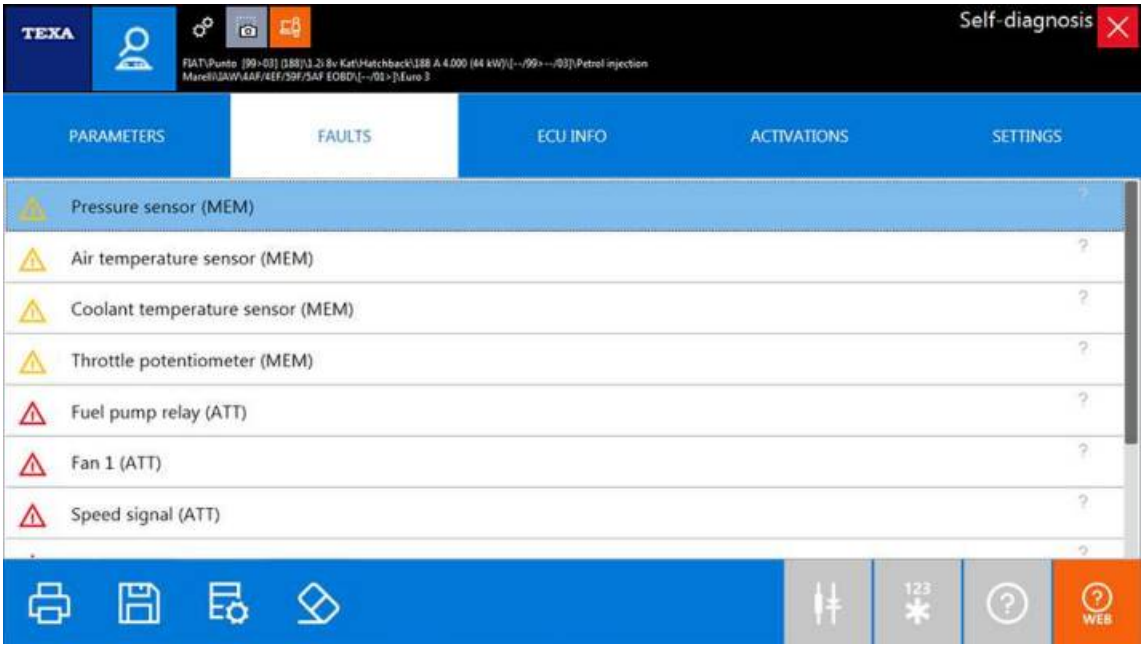
If the memory no longer contains errors at the following diagnosis, this means the malfunction was deleted correctly.

INFORMATION

In some systems, malfunctions of sensors on the lines connected to the control unit are detected only in certain conditions (i.e. only when the vehicle is stationary and with the instrument panel on or only when the vehicle is moving).

Proceed as follows:

1.Press **Errors**.



Icon	Name	Description
	Print	It allows you to print a report related to the detected errors.
	Save	It allows you to record the detected errors and save them in the **Customer Management** archive.
	Technical Documentation	It allows you to view the documentation regarding the diagnosis being carried out.
	Delete Errors	It allows you to delete the detected errors.
	Component Location	It allows you to find the component affected by the error through the **Wiring Diagrams** function.
	Freeze Frame	It allows you to view the freeze frames provided by the control unit.
	Information	It allows displaying a help screen related to the selected error.
	Solved Problems	It allows you to search for information regarding the selected error using the **Solved Problems** function.

12.3.1 Technical Documentation

This function allows you to view various types of technical documentation, such as:

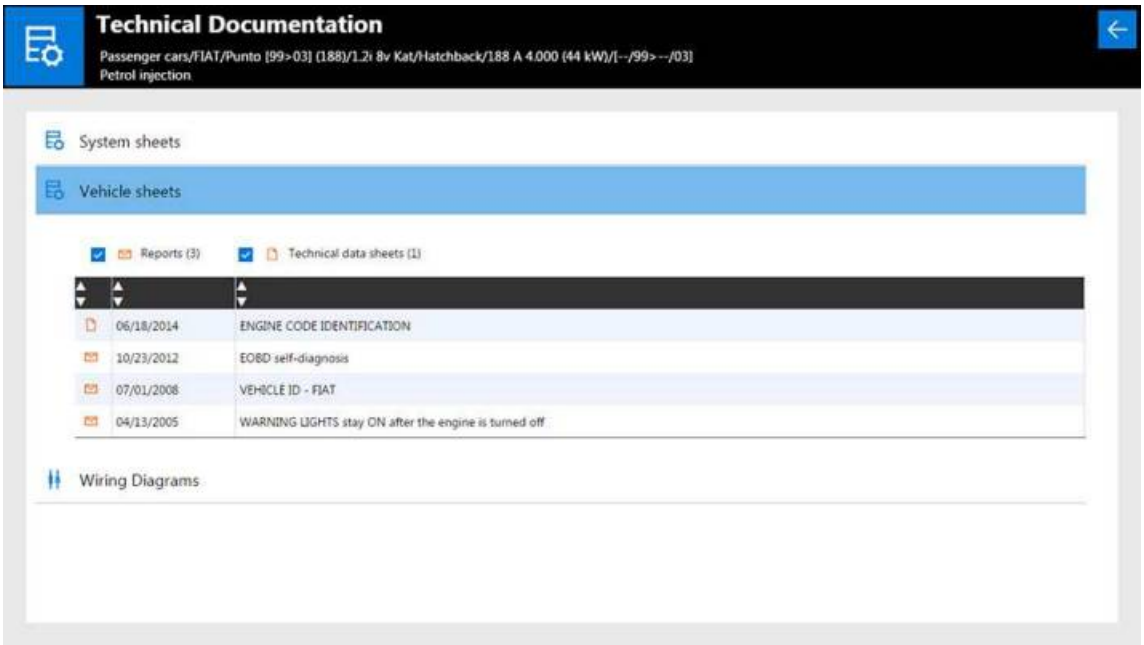
- *Vehicle Sheets;*
- *Self-diagnosis Sheets;*
- *System Sheets;*
- *Wiring Diagrams.*

You can find these documents through the corresponding functions during the vehicle selection.

Proceed as follows:

1.Press  .

The documentation available is displayed.



2.Select the desired document to view it.

INFORMATION *For further information see the corresponding chapters.*

12.3.2 Error Clearing

This function allows you to delete the errors from the control unit's memory.

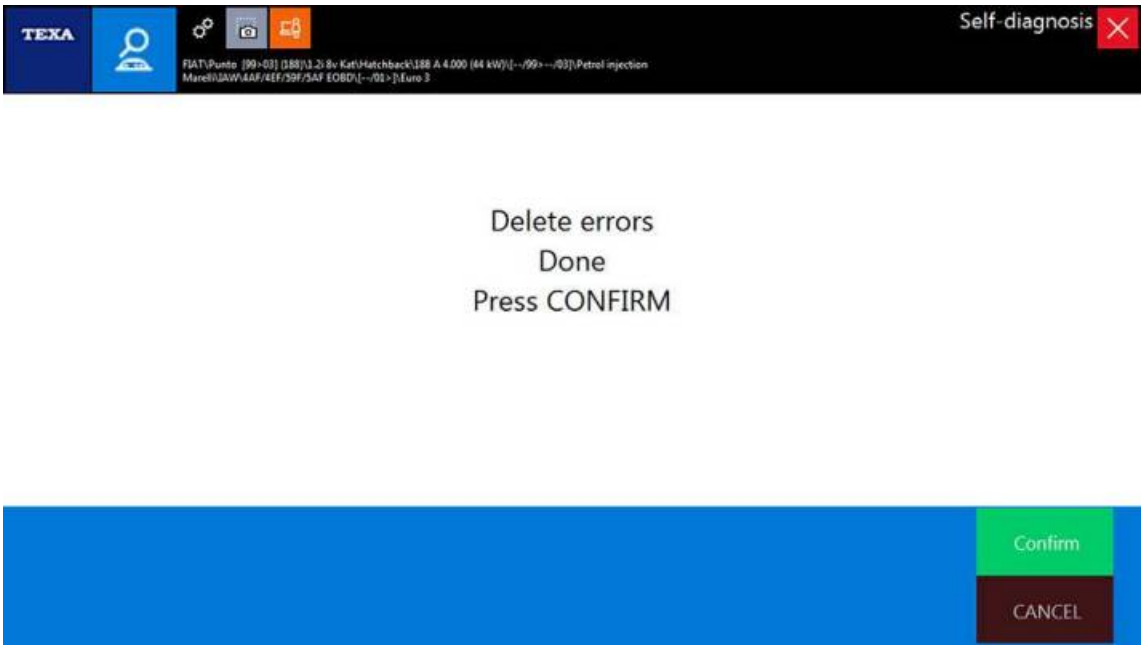
Once the errors have been cleared and are no longer present in the control unit, they are marked by the status **STO**.

If the errors are still present and marked by the status **ATT** the next time communication with the control unit takes place, it means that they have been detected by the control unit again.

Proceed as follows:

1.Press  .

2.Press  .



The errors have been cleared.

12.3.3 Freeze Frame

This function allows you to view the freeze frames provided by the control unit.

The freeze frames are a series of parameters that identify the engine's conditions (i.e.: supply system, engine coolant temperature, vehicle speed, etc.) when a malfunction is detected.

The vehicle's control unit, when it detects a malfunction, stores all the freeze frames related to that error code.

The function is useful for the operator since it offers an overview of the vehicle's status when the malfunction occurred.

Proceed as follows:

1.Select the desired error.

2.Press  .

The available freeze frames are displayed.

PARAMETER		UNIT MEASUREMENT
Year	2014	
Month	9	
Hour	2	
Minute	43	
Calculated load value	875	%
Intake air temperature	26.22	°F
Final accelerator position	0	%
Vehicle speed	0	Mph
Intake air pressure	15	g/s
Diagnosis monitor code	17	
Actual common rail pressure	8027	g/s
CLV	1	%

12.4 Guided Diagnosis

This function allows displaying the step-by-step guided instructions for the maintenance, repair and troubleshooting of the selected vehicle.

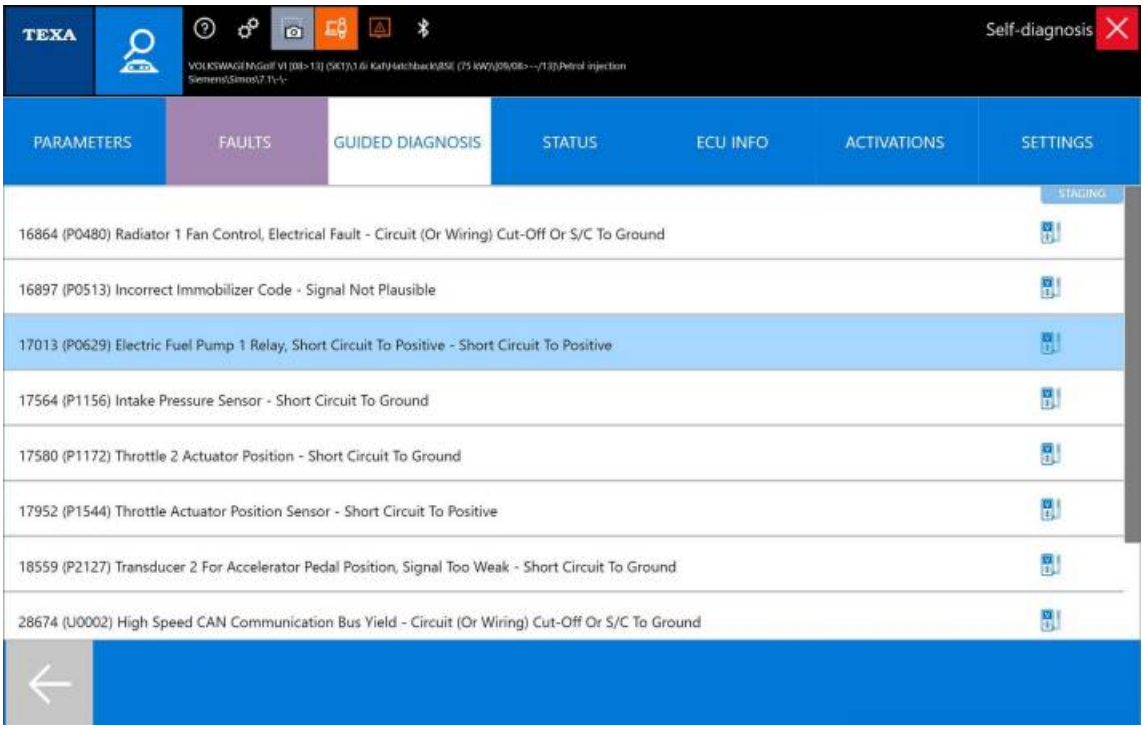
INFORMATION *The functions visible in this section depend on the type of subscription and on the software license.*

Proceed as follows:

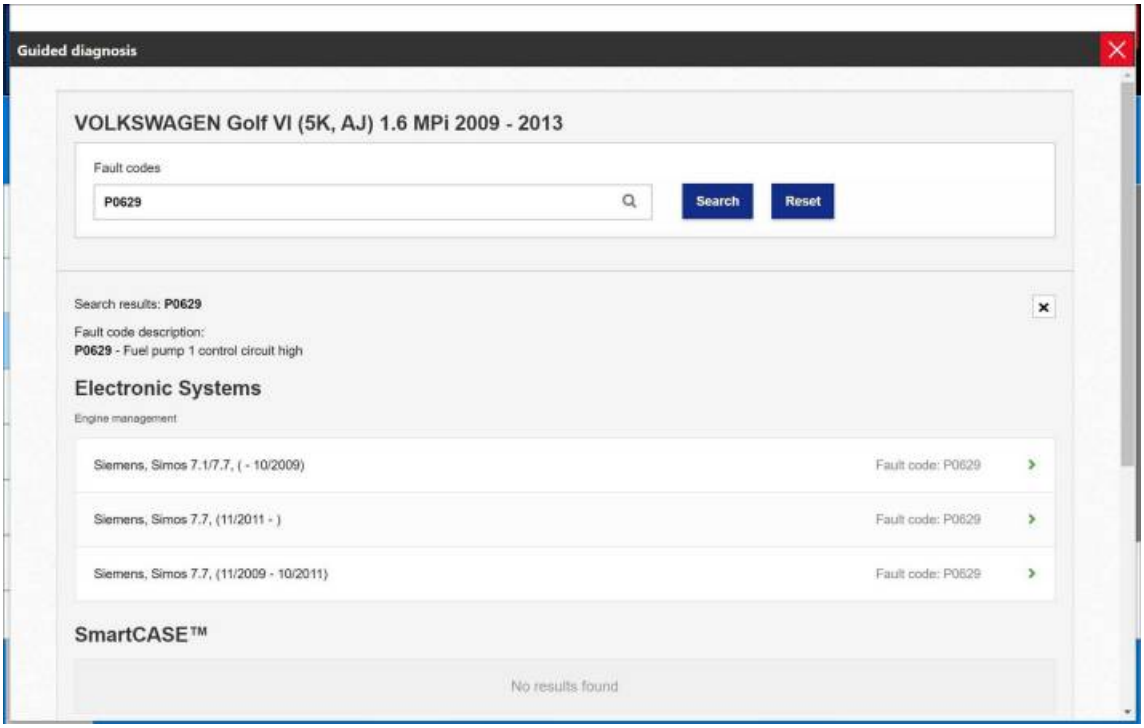
1.Press **Guided Diagnosis**.

2.Select the desired error.

3.If necessary, select the exact vehicle model.

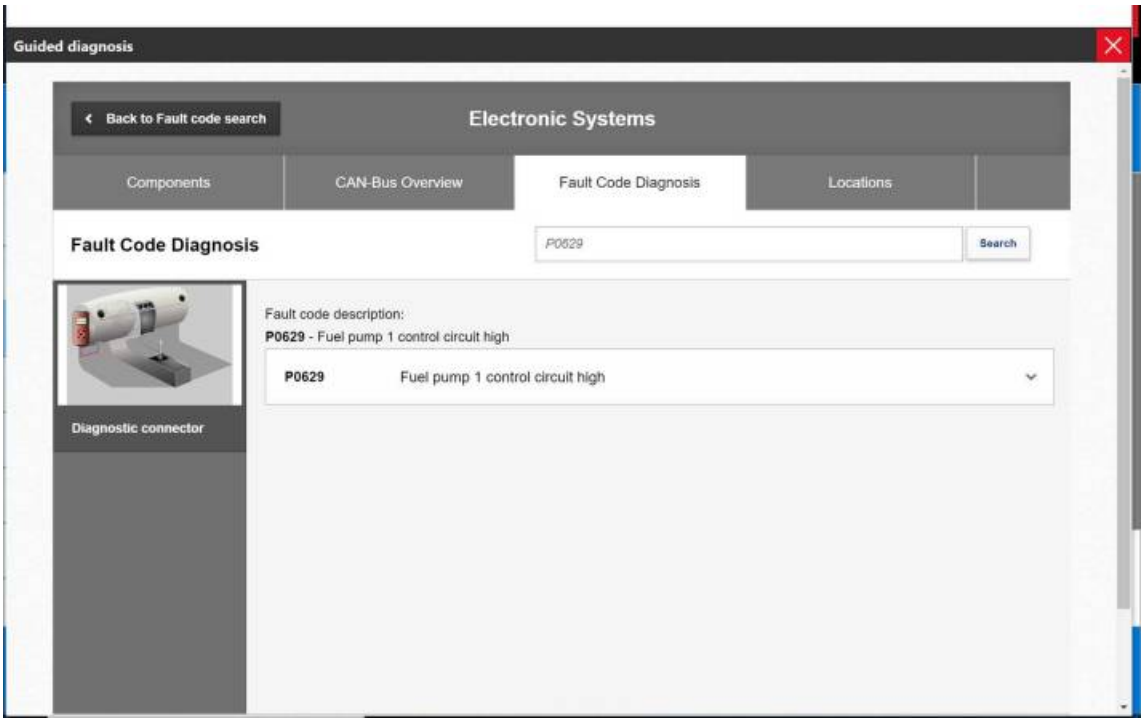


4.Select the correct error code description among the ones eventually suggested.



5.Select the desired guided diagnosis.

6.Follow the instructions that appear on screen.



12.5 Parameters

In this page you can manage the monitoring of the engineering parameters provided by the control unit.

The control unit provides the parameters detected by the sensors and sent to the actuators (i.e. rpm sensor, injectors, temperature, pressure sensors, etc.) as numerical values, updated in real time.

The minimum and maximum values of these parameters are analysed and their trend can be displayed graphically.

Proceed as follows:

1.Press **Parameters**.

INFORMATION *By pressing twice on a parameter, you can start the graphic display.*

Icon	Name	Description
	Technical Documentation	It allows you to view the documentation regarding the diagnosis being carried out.
	Min Max Reset	It allows resetting the minimum and maximum values detected for the parameters displayed.
	Add to Favourites	It allows you to create a group of favourite parameters in order to access them more easily.
	Dashboard	It allows you to access the DASHBOARD function. The function reproduces the vehicle dashboard, the mechanical components and the operating logic for the selected system.
	Oscilloscope	It allows displaying graphically the trend of an electric signal over time.
	Signal generator	It allows you to simulate the input and output signals of the electronic control units used in vehicles.
	Component location	It allows you to find the component affected by the error through the **Wiring Diagrams** function.
	Device Sheets	It allows you to view information related to the component the selected parameter refers to.
	Information	It allows displaying a help screen related to the selected parameter.

This screen provides the following information:

- **Description:** *description of the parameter.*
- **Value:** *instant value.*
- **UM:** *unit of measurement*
- **Max:** *maximum value recorded from the beginning of the test.*
- **Min:** *minimum value recorded from the beginning of the test.*

12.6 Filter Favourites

This function allows filtering the parameters to get a focused view on the most relevant information, and displaying and managing the groups of favourite parameters created.

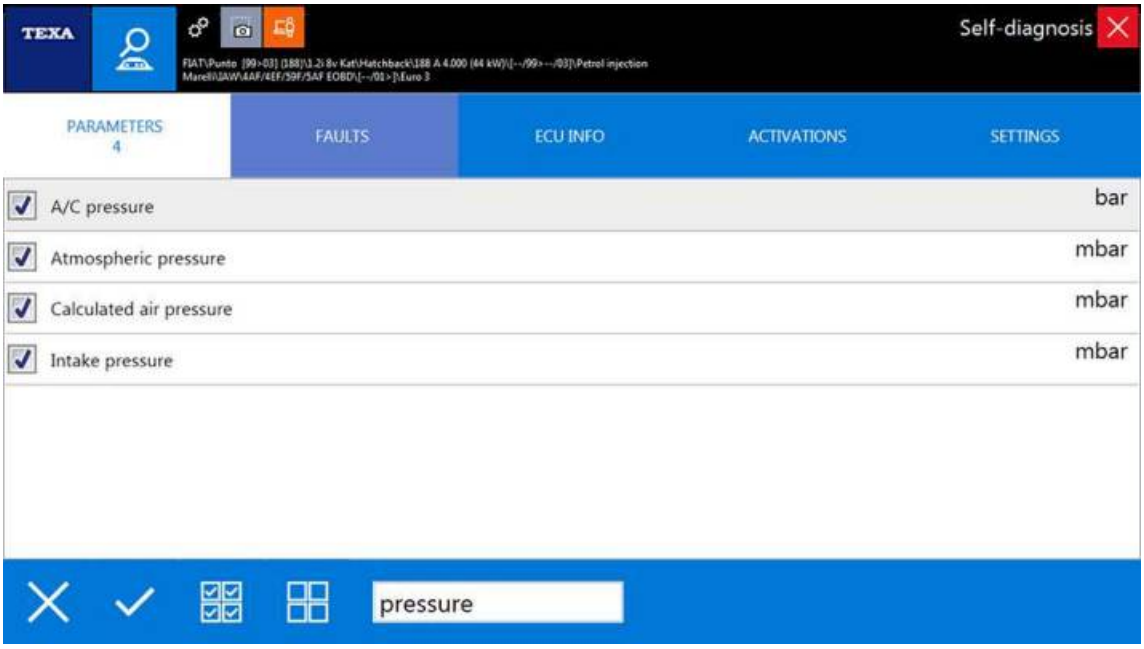
In order to find the parameters to filter easily, you can use the text field in the lower part of the screen.

The favourites are organised in pages as the **Diagnosis Functions**.

A new page is created for each group of favourites and it can be selected simply clicking the corresponding label.

Proceed as follows:

1. Press .

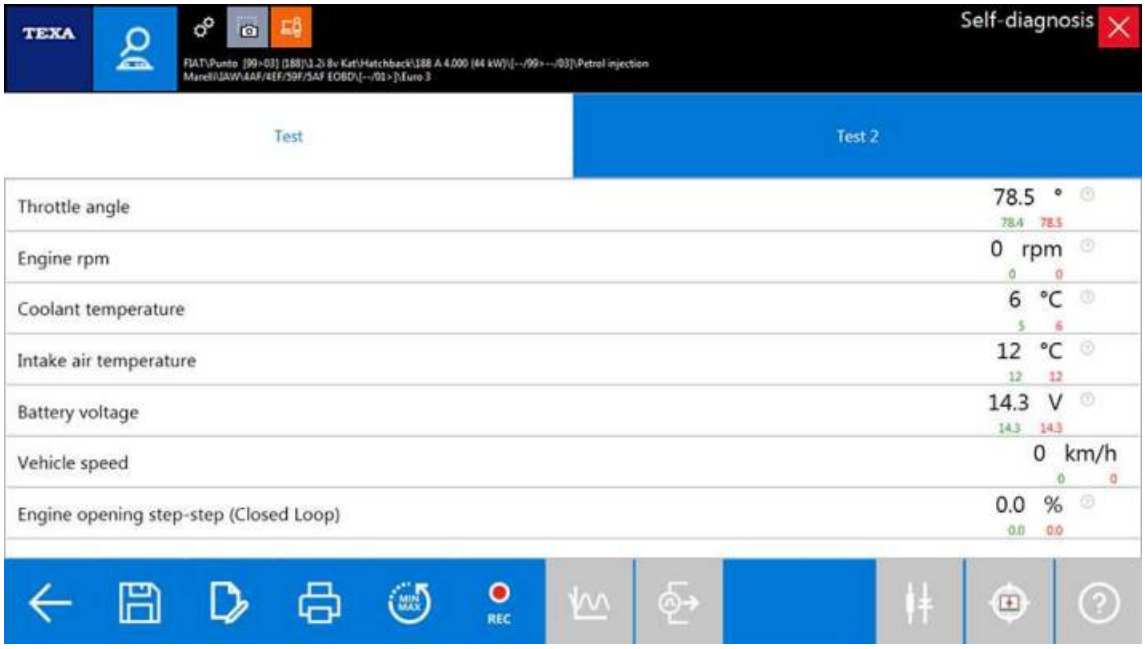


Icon	Name	Description
	Cancel	It allows you to cancel the creation operation.
	Confirm	It allows you to confirm the parameters selected.
	Select All	It allows you to select all the available parameters.
	Deselect All	It allows you to deselect all the available parameters.

2.Select the desired parameters.

3.Press .

The filter has been set.


TEXA
Self-diagnosis
FIAT\Punto [99>03] (188)\1.2i 8v Kat\Hatchback\188 A 4.000 (44 kW)\[-->/99> -->/03]\Petrol injection
Marelli\IAW\4AF/4EF/59F/5AF EOBD\[-->/01>]\Euro 3
Test
Test 2
Throttle angle 78.5 ° 78.4 78.5
Engine rpm 0 rpm 0 0
Coolant temperature 6 °C 5 6
Intake air temperature 12 °C 12 12
Battery voltage 14.3 V 14.3 14.3
Vehicle speed 0 km/h 0 0
Engine opening step-step (Closed Loop) 0.0 % 0.0 0.0
MIN MAX
REC

Icon	Name	Description
	Save	It allows you to save the group of favourite parameters and assign it a name.
	Change Group	It allows changing a group of favourite parameters by adding or deleting some.
	Add Group	It allows you to create a new group of favourite parameters. The icon will be visible only after saving the group of favourite parameters.
	Delete Group	It allows you to delete a group of favourite parameters.
	Print	It allows you to print a report that indicates the values of the parameters.
	Min Max Reset	It allows resetting the minimum and maximum values detected for the parameters displayed.
	Registration	It allows you to record the values of the parameters the selected group of favourites is composed of. The recording is saved in the **Customer Management** archive.
	Oscilloscope	It allows displaying graphically the trend of an electric signal over time.
	Signal generator	It allows you to simulate the input and output signals of the electronic control units used in vehicles.
	Component location	It allows you to find the component affected by the error through the **Wiring Diagrams** function.
	Test Drives / Dynamic Tests	It allows you to configure the diagnostic tool for the recording of the parameters and errors detected by the control units of a moving vehicle.
	Device Sheets	It allows you to access the technical sheets related to the most complex components installed on the vehicle (common rail injectors, digital mass flow sensors, etc.).
	Information	It allows displaying a help screen related to the selected parameter.

12.6.1 Registration

This function allows you to record the values of the parameters the selected group of favourites is composed of.

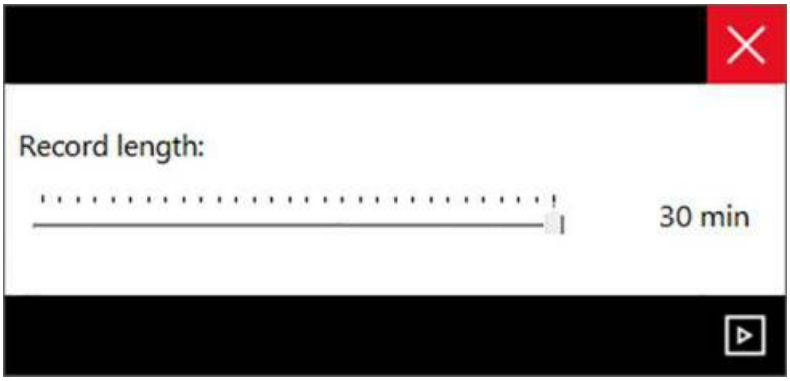
The recording is saved in the **Customer Management** archive.

Proceed as follows:

1.Press  .

2.Set the length of the recording using the selection bar.

3.Press  .



4.Press  in the confirmation message.

Once the diagnosis is complete, the **Customer Management** function, in which the recordings are saved, is launched.

INFORMATION *For further information see the Customer Management chapter*.

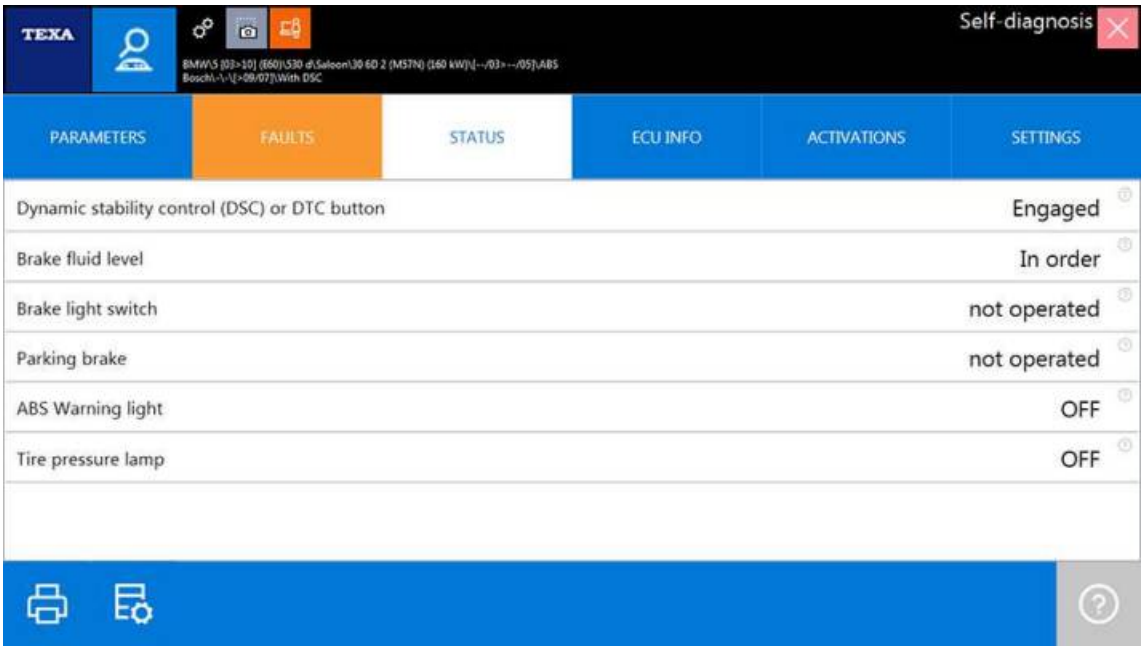
12.7 Status

In this page you can view the statuses that the specific data provided by the software acquires.

This data can only have predefined statuses and conditions, generally indicating ON / OFF (i.e.: Engine running / not running, clutch pedal pressed / released, etc.).

Proceed as follows:

1.Press **Status**.



Icon	Name	Description
	Print	It allows you to print a report containing the statuses.
	Technical Documentation	It allows you to view the documentation regarding the diagnosis being carried out.
	Information	It allows displaying a help screen related to the selected status.

This screen provides the following information:

- **Description:** *description of the parameter.*
- **Status:** *it indicates the status of the parameter.*

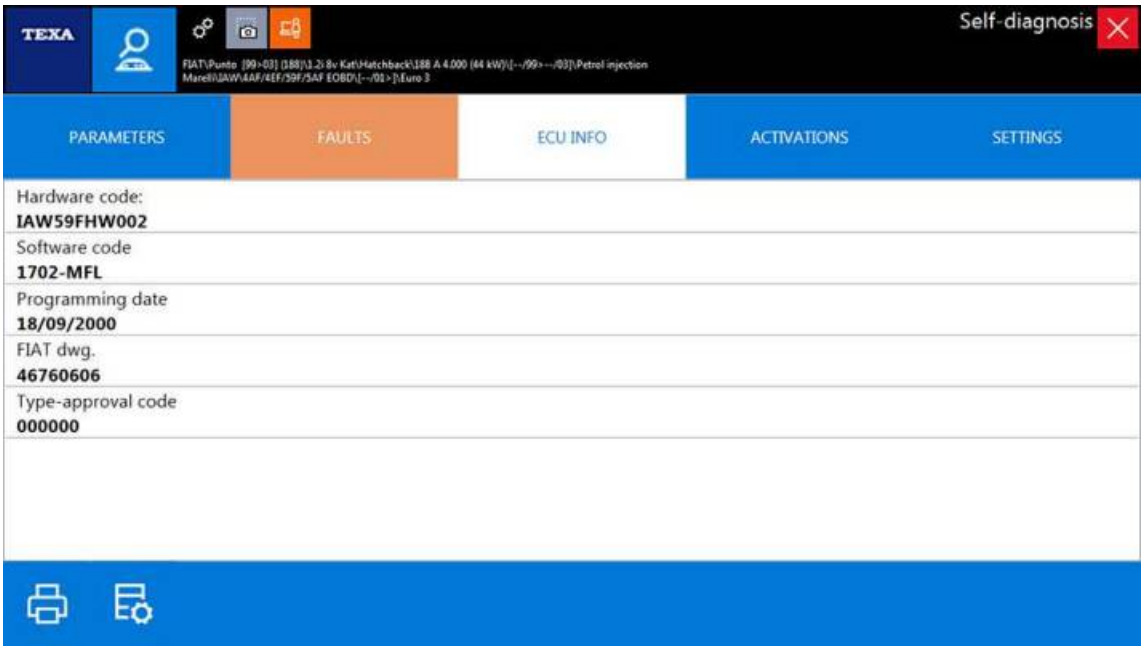
12.8 ECU Information

In this page you can view information related to the control unit you are connected to and identify it correctly.

The function is particularly useful when a control unit has been replaced and must be configured.

Proceed as follows:

1. Press **ECU Info**.



Icon	Name	Description
	Print	It allows printing or saving a report related to the detected errors. **For further information see the Print chapter.**
	Technical Documentation	It allows you to view the documentation regarding the diagnosis being carried out.

12.9 Activations

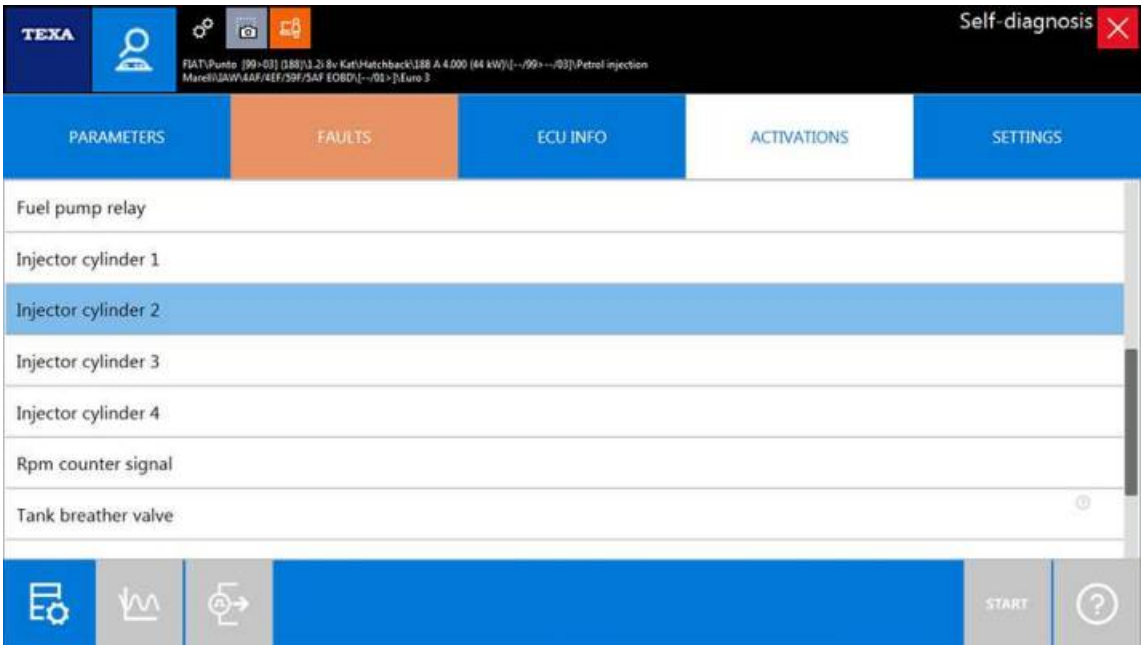
In this page you can test the operation of specific actuators (components piloted by the control unit) by activating them temporarily.

This way you can verify the efficiency of the actuator and of the communication with the control unit.

In some systems the duration of test can be set by the operator, whereas in other systems it is established by the control unit's manufacturer.

Proceed as follows:

1. Press **Activations**.



Icon	Name	Description
	Technical Documentation	It allows you to view the documentation regarding the diagnosis being carried out.
	Oscilloscope	It allows displaying graphically the trend of an electric signal over time.
	Signal generator	It allows you to simulate the input and output signals of the electronic control units used in vehicles.
START	Activate	It allows carrying out the activation.
	Information	It allows displaying a help screen related to the selected activation.

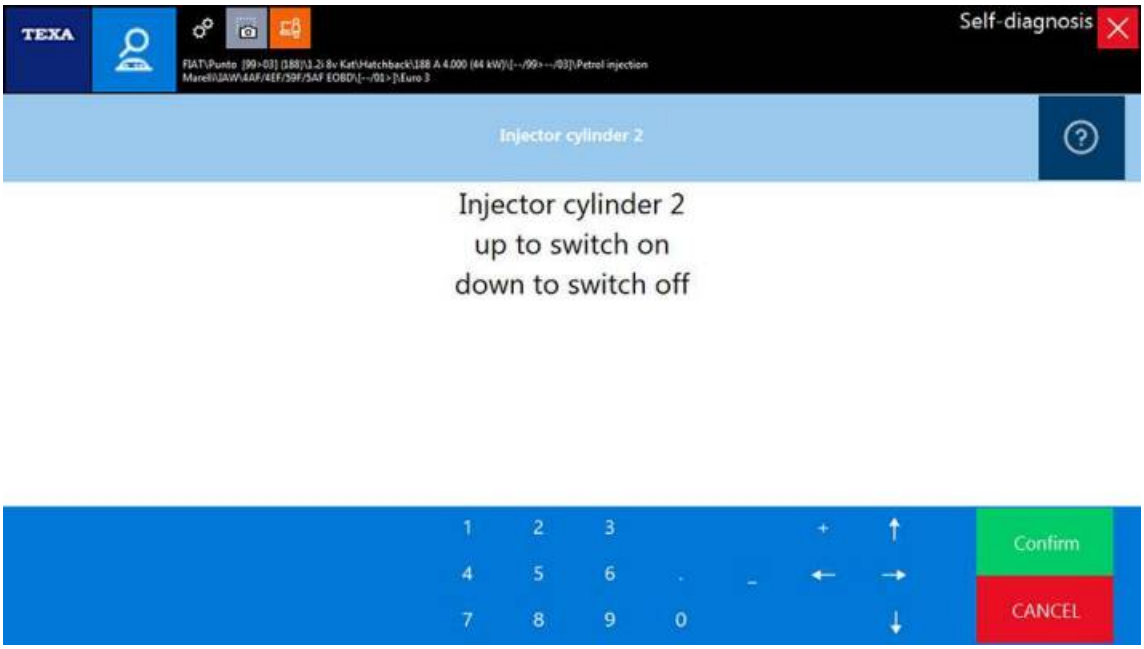
INFORMATION *For further information see the Parameters chapter.*

12.9.1 Activate

This function allows carrying out the activation.

Proceed as follows:

1. Select the desired activation.
2. Press  .
3. Follow the instructions on the screen.
4. Press **Confirm**.



The device has been activated.

12.10 Adjustments

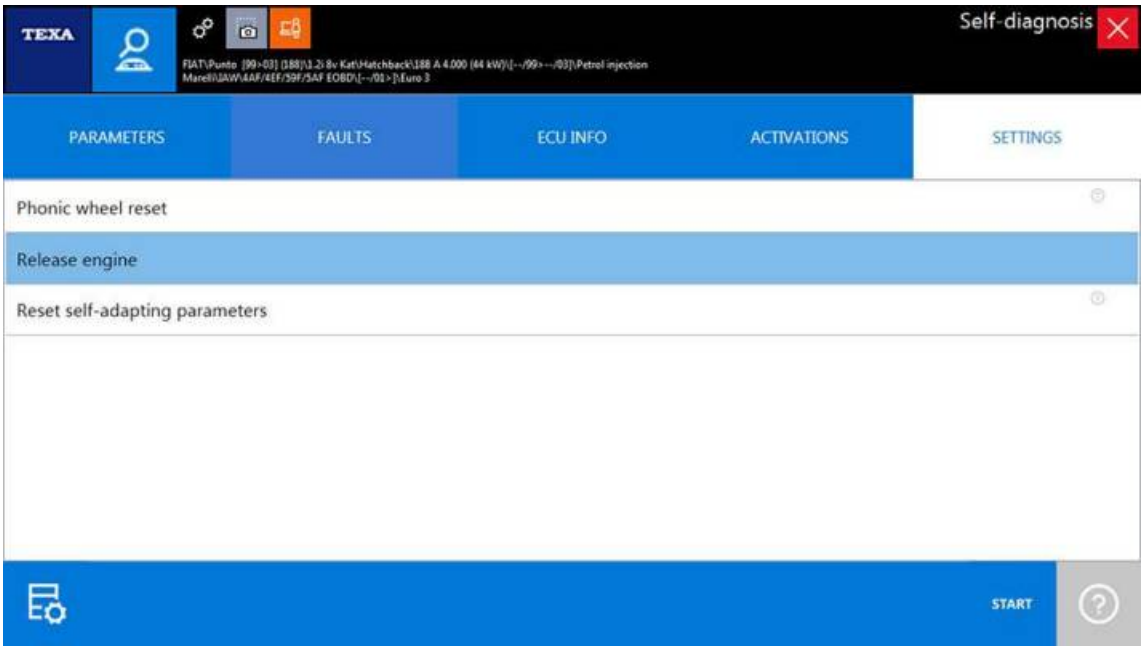
In this page you can perform permanent adjustments on specific electronic components.

You can do so through the functions that are provided by the control unit (ex.: idle speed adjustment, reset of the self-adaptive parameters, etc.).

INFORMATION *Adjustments on components are operations that must be treated carefully; for this reason, in certain cases, use of the software is limited by the request for a Special Code Web.*

Proceed as follows:

1. Press **Settings**.



Icon	Name	Description
	Technical Documentation	It allows you to view the documentation regarding the diagnosis being carried out.
START	Adjust	It allows you to carry out the selected adjustment.
	Information	It allows displaying a help screen related to the selected setting.

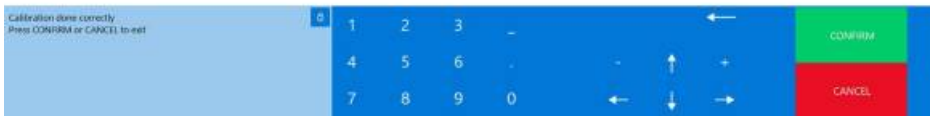
INFORMATION *For further information see the Parameters chapter.*

12.10.1 Adjust

This function allows you to carry out the selected adjustment.

Proceed as follows:

1. Select the desired setting.
2. Press  .
3. Follow the instructions on the screen.
4. Press **Confirm**.



Icon	Name	Description
	Print	It allows printing or saving a report related to the settings carried out. **For further information see the Print chapter.**
	Information	It allows displaying a help screen related to the selected setting.

The adjustment has been carried out.

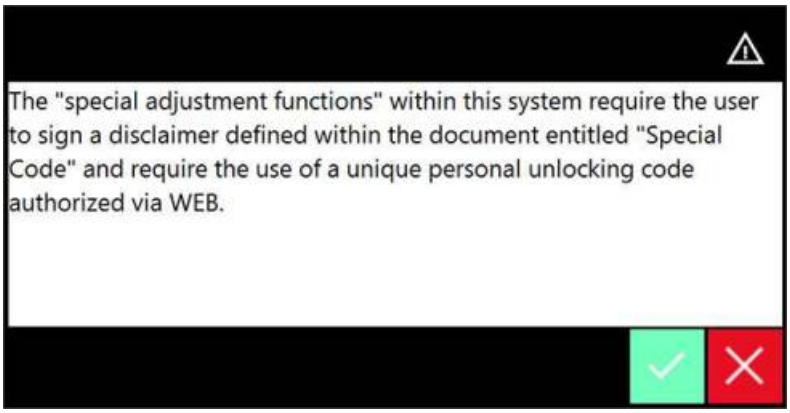
12.10.2 Special Settings

The software contains some **Special Settings** that require complete and detailed knowledge of the systems they affect.

These settings are protected by a specific code, called **Special Code Web**.

The **Special Code Web** is a code associated to a TEXA device that allows unlocking the **Special Settings**.

INFORMATION *To obtain the request form for the Special Code Web, contact your Retailer.*

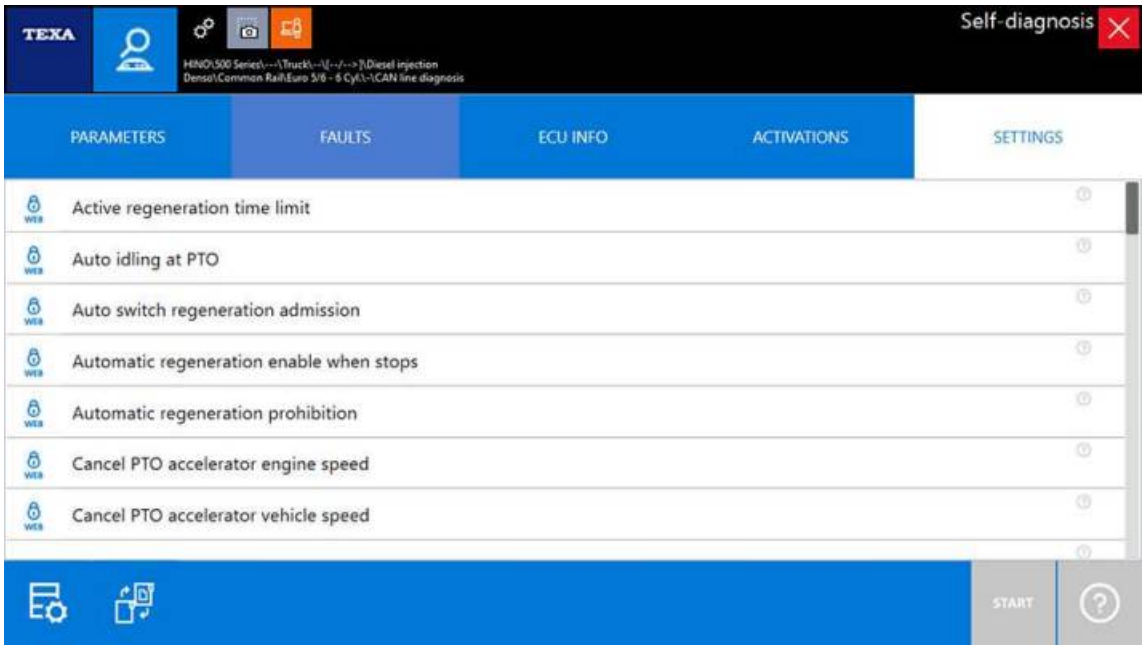


If the device is not enabled to access the **Special Settings**, the software will alert you with a message.

The **Special Code Web** unlocks the setting while it is being used.

These settings are marked by this icon: .

Below you can find an example of how the settings protected by the **Special Code Web** are presented.



The operation of these special settings does not change with respect to the ones that are not protected.

12.10.3 ADAS calibrations

This function allows calibrating the vehicle's **ADAS** using the **RCCS** devices.

Before proceeding with the calibration you must configure the Bluetooth devices.

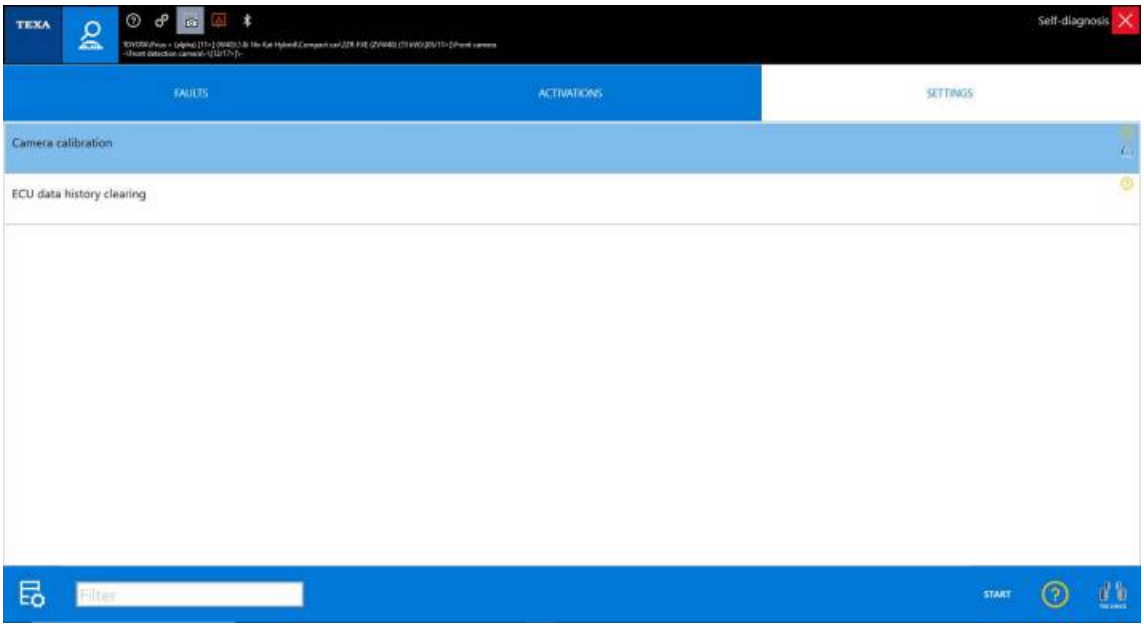
INFORMATION

The display unit must be connected to the Internet.

Some devices can be configured and used only if the software is installed on a display unit with the Windows 10 operating system.

Proceed as follows:

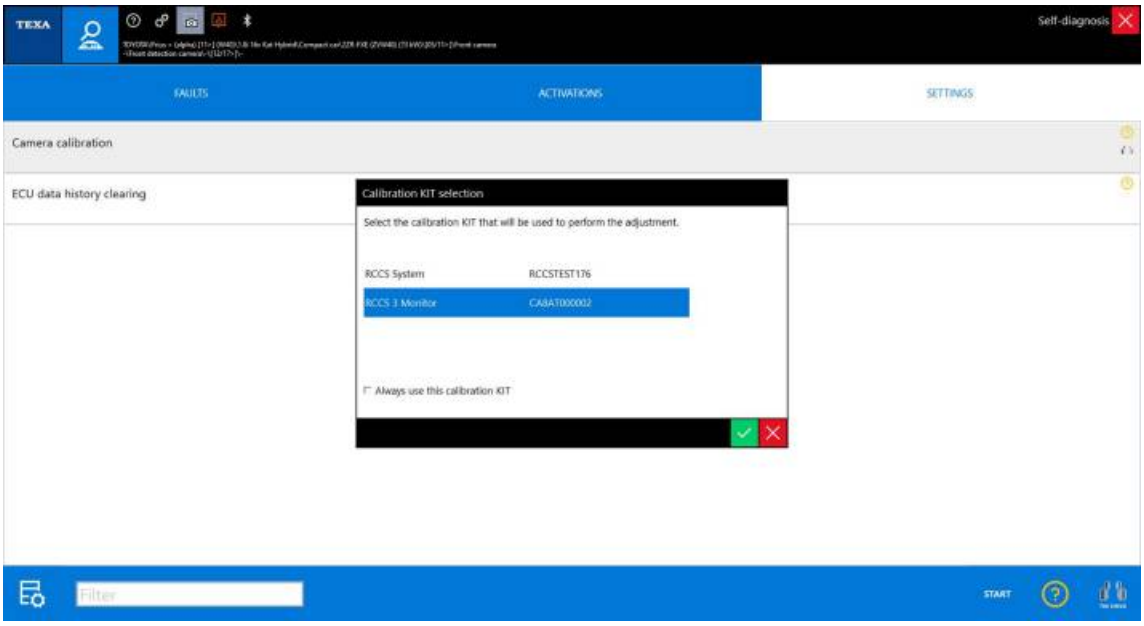
1.Select the type of adjustment to perform.



Icon	Name	Description
	Technical Documentation	It allows you to view the documentation regarding the diagnosis being carried out.
START	Adjust	It allows you to carry out the selected adjustment.
	Information	It allows displaying a help screen related to the selected setting.

2.Press START.

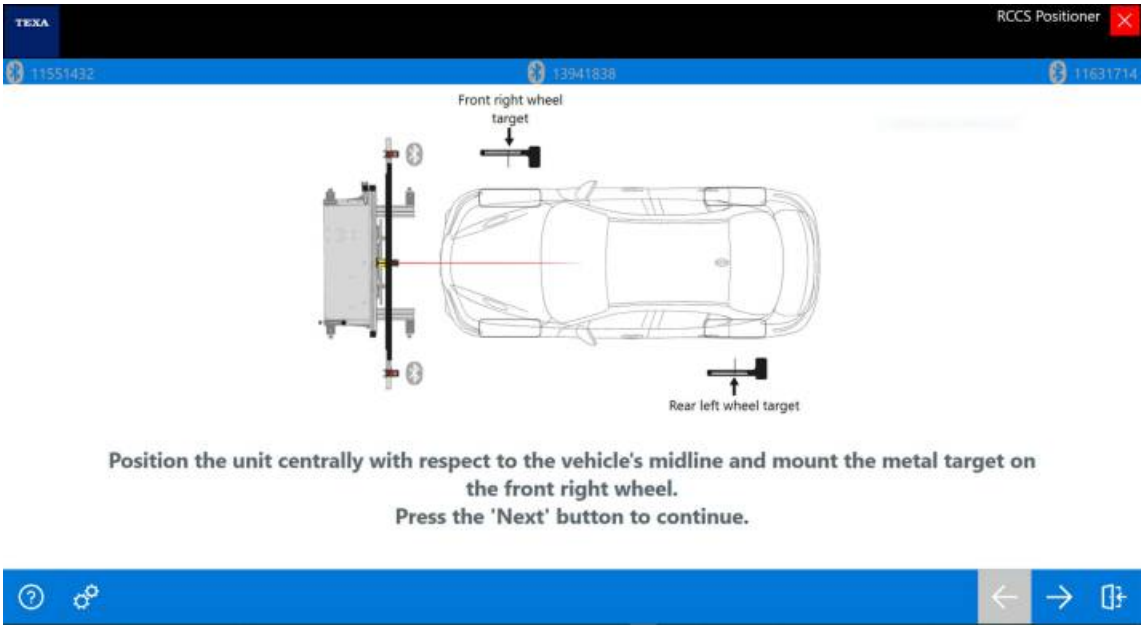
3.Select the calibration kit required for the adjustment among the available ones.



4.Press  .

RCCS POSITIONER is launched.

NOTICE **RCCS POSITIONER** is only available with Bluetooth **ADAS** calibration devices.

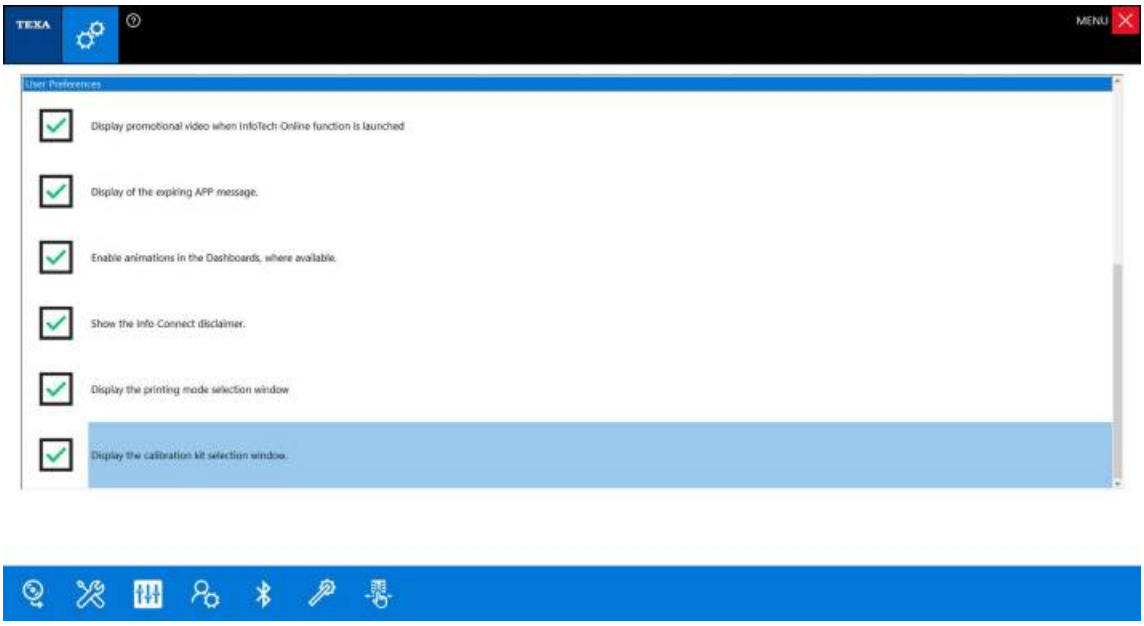


5. Follow the on-screen indication.

6. To move on to the next instruction, press  .

Once the procedure is complete, you can save the calibration result.

INFORMATION *To select or deselect the calibration kit's selection window display preference, see the User Preferences.*



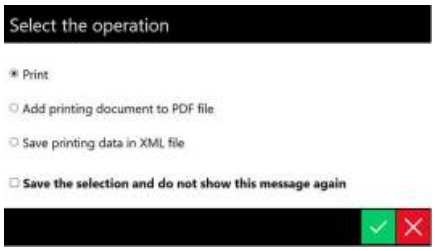
12.11 *Print*

This function allows printing or exporting the report in a PDF or XML format.

INFORMATION *The selection for this type of print is available for ECU INFO and SETTINGS only.*

To print or export the reports of the errors detected in ECU Info or the adjustments carried out in Settings, proceed as follows:

1.Press 

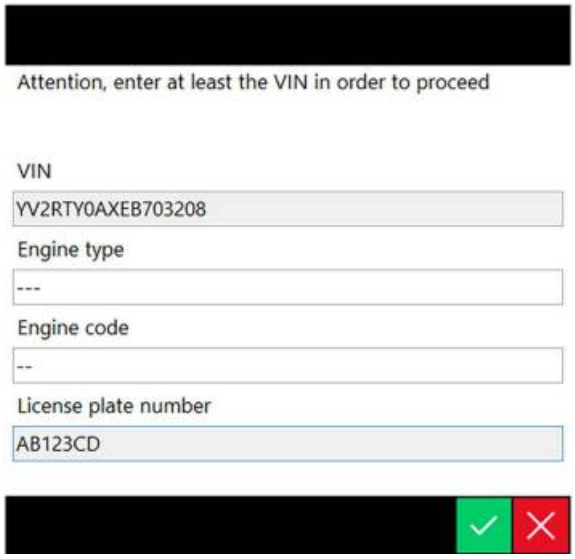


Select the desired operation among:

- *print;*
- *add printing document to PDF file;*
- *save printing data in XML file.*

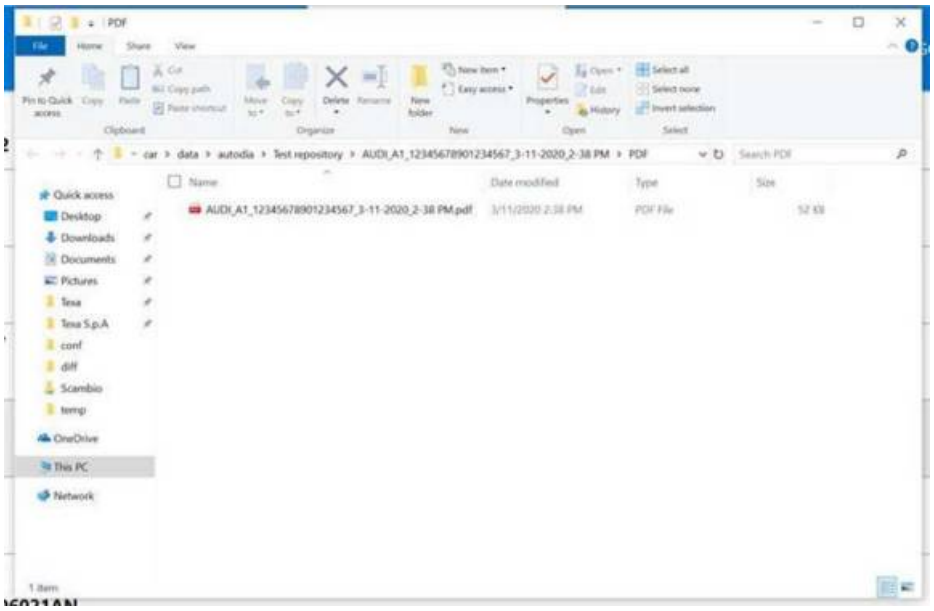
INFORMATION *By ticking the "Save the selection and do not show this message again" box, the selected operation is saved for future operations.*

Follow the instructions that appear on screen.

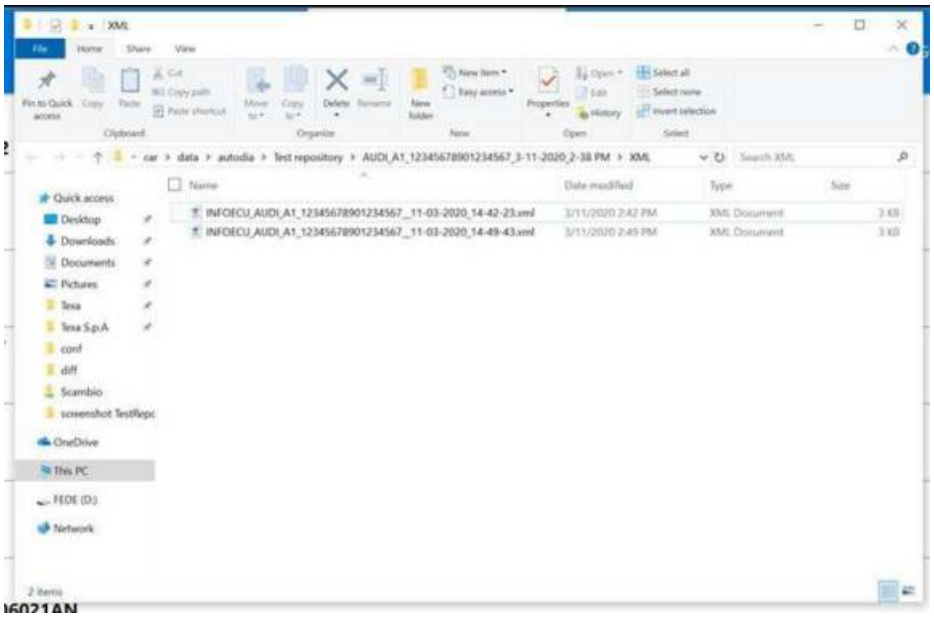


INFORMATION *Exporting in PDF format differs from exporting in XML format.*

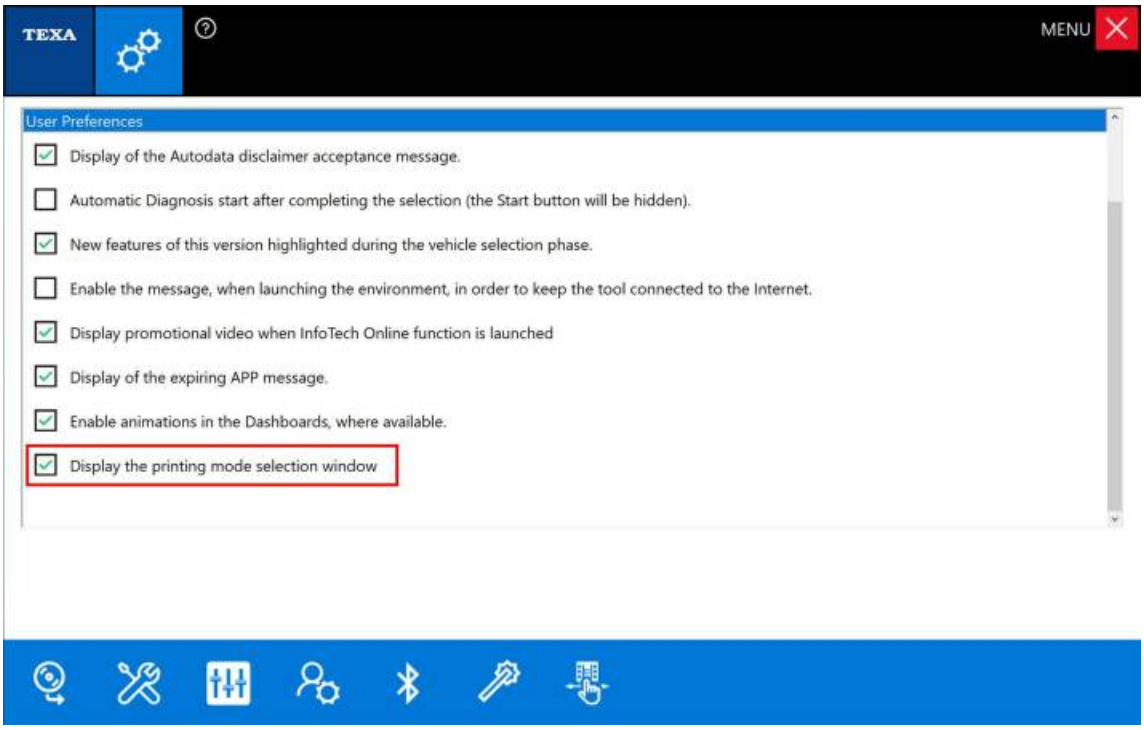
By exporting in PDF format, a single file is generated and the exportations queue until a new vehicle is selected.



By exporting in XML format, as many files as exportations are generated.



INFORMATION *To select or deselect the print preferences, see the User Preferences chapter.*



13 TGS3s

This function allows you to access information related to the systems in the vehicle.

To launch the function, you must select at least the **Category**, **Make**, **Model** and **Engine type**.

The scan procedure is able to:

- *Verify the presence of the selected systems.*
- *Check if the system unit has been identified univocally or not *.*
- *Check if the system that responded has any errors.*

(*) The **incorrect detection** indicates that the specific system responded unexpectedly to the selection carried out on the systems list.

In these cases, the communication between the diagnostic device and the system is possible, but the quality of the diagnosis is not guaranteed and all the coding and / or programming functions are disabled.

I.e.: by launching the TGS3s function, three different automatic transmission systems are displayed for the same vehicle.

Only one of these three is the correct one.

If the user is not able to identify the correct system type, it is possible to select the three options suggested by TGS3s.

The result is that only one of the three systems will be identified univocally.

The function allows you to select a system and start its diagnosis.

INFORMATION *Perform a correct configuration of the device before launching the function.*

Proceed as follows:

1. Carry out a selection that includes at least the **Category**, **Make**, **Model** and **Engine type**.

2.Press  .

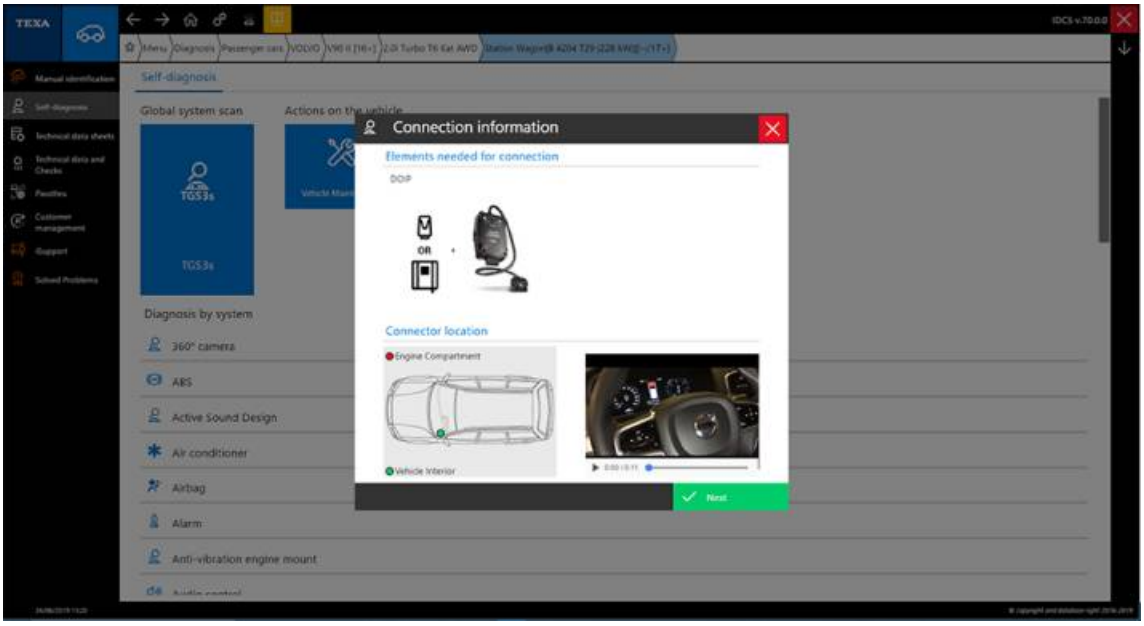
The software shows a diagnosis preparation screen.

INFORMATION *For further information on this screen, see the Self-diagnosis chapter.*

3.Press  .

INFORMATION *Before displaying the diagnosis preparation screen, the software may request:*

- *to select the type of diagnostic protocol you intend to use (Standard, DoIP, CAN, etc.).*
- *to select the cable or the elements you intend to use.*
- *to select for which areas (Europe, United States, etc.) to start the system scan.*



INFORMATION *The images and videos may vary based on the vehicle and type of diagnosis (Standard, DoIP, CAN, etc.) selected.*

4.Turn on the instrument panel when requested to.

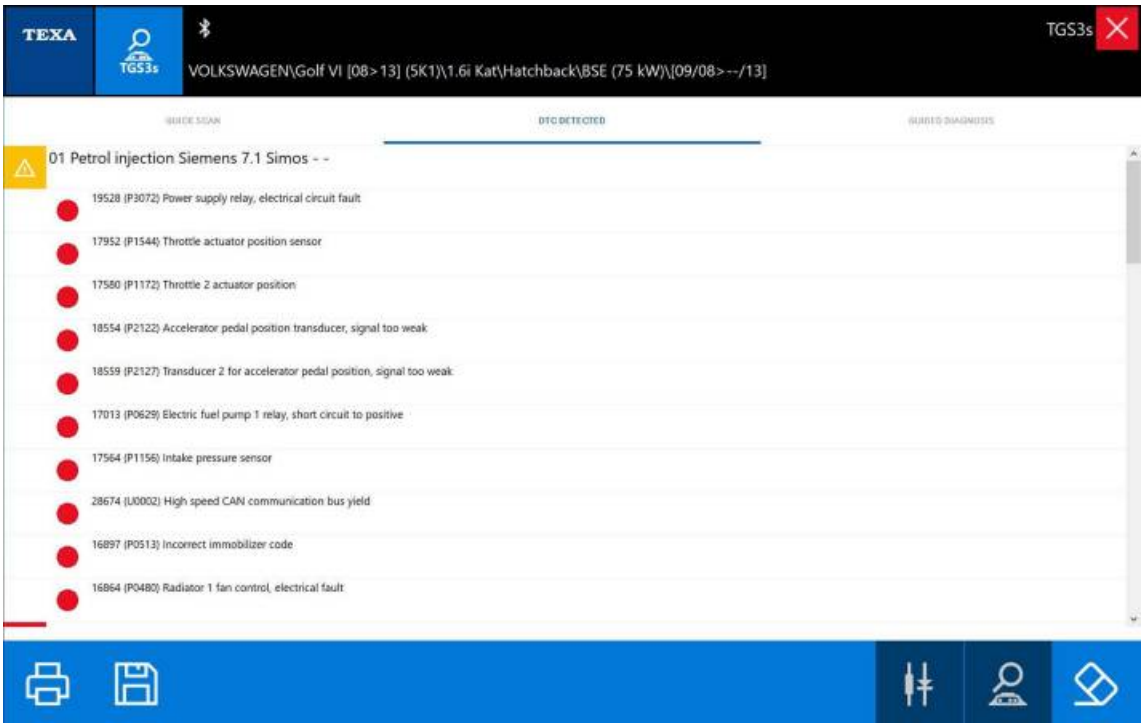
5. Press ✓.

Wait for the scan to be complete.

6.Turn off the instrument panel when requested to.

7.Press ✓.

The result of the scan is displayed.



The screen is divided into the following pages:

Name	Description
Quick Scan	It allows you to view the systems detected.
DTC Detected	It allows you to view the errors detected on the scanned systems.
Guided Diagnosis	It allows displaying the step-by-step guided instructions for the maintenance, repair and troubleshooting of the selected vehicle. **The visibility of this page depends on the type of subscription and on the software license.**

Both screens have icons to provide you with various information:

Icon	Description
	The system was detected and there are not any errors.
	The system was not detected. It is possible that the model you are working on does not have the system at issue or that the system is not responding correctly to the request.
	The system was detected and there is at least one error.
	The system was not detected univocally.

13.1 Quick Scan

In this page you can view the systems detected.

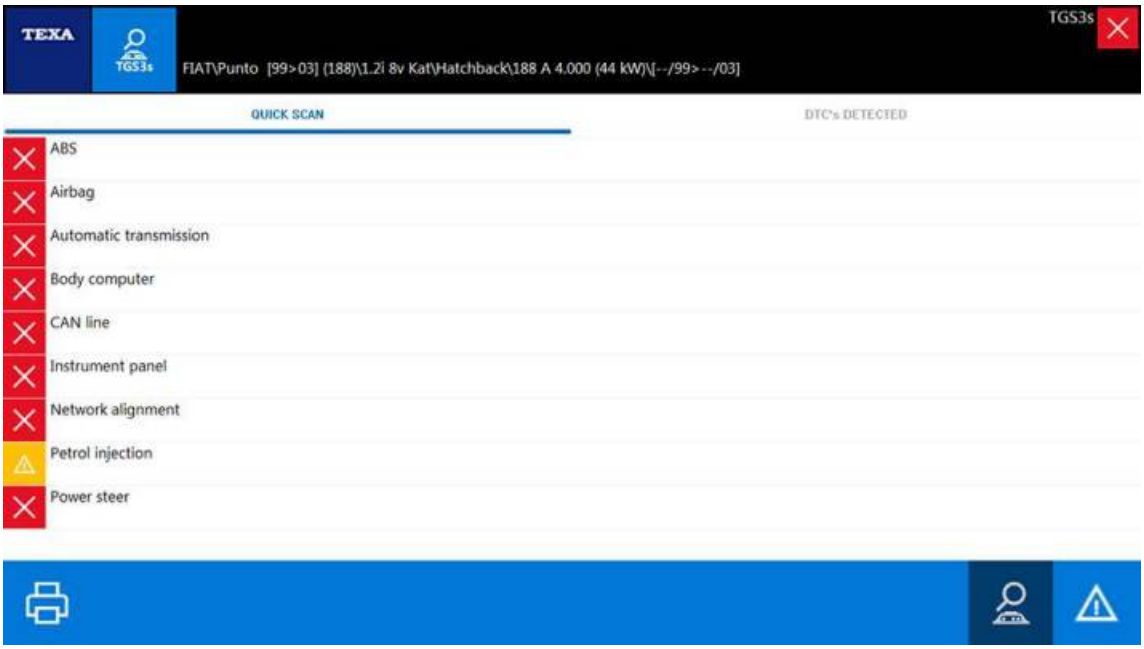
The **Quick Scan** page provides the following information:

- *description of the system;*
- *the manufacturer of the control unit;*
- *manufacturing period*

Proceed as follows:

1.Press **Quick Scan**.

The main screen of **Quick Scan** is displayed.



Icon	Name	Description
	Print	It allows you to print a report regarding the scan performed. **For further information see the Print chapter.**
	Self-diagnosis	It allows you to launch the diagnosis on the selected system.
	DTC Detected	It allows switching to the **DTC Detected** page.

13.2 DTC Detected

In this page you can view the errors detected on the scanned systems.

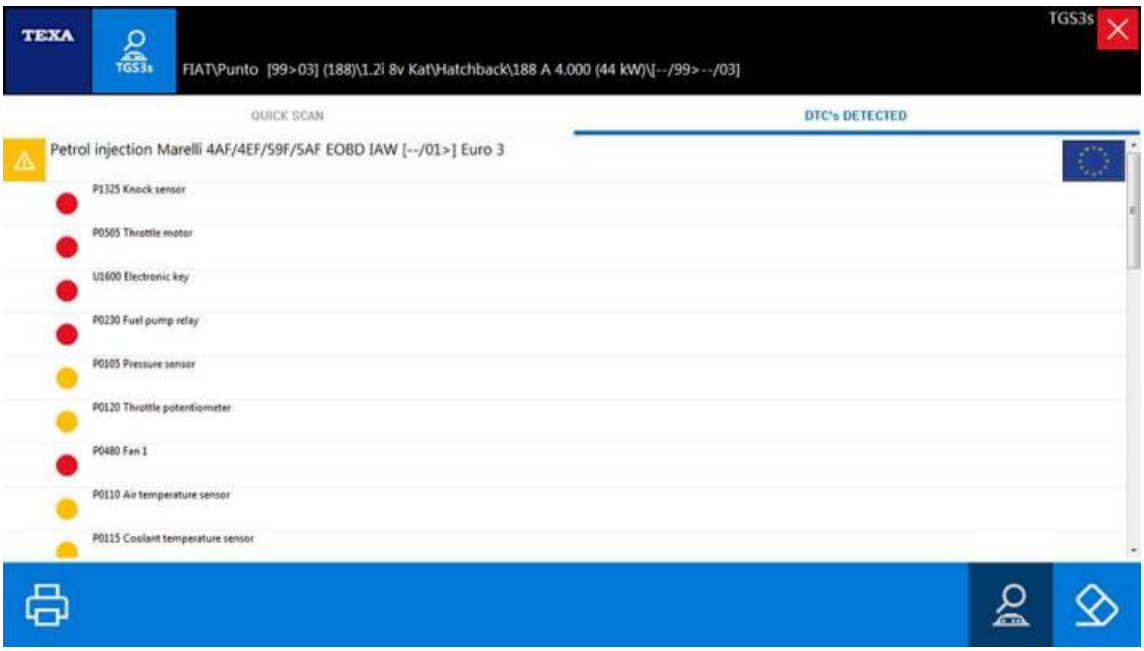
The **DTC Detected** page provides the following information:

- *description of the system;*
- *the manufacturer of the control unit;*
- *the manufacturing period;*
- *the presence of errors;*
- *code of each error;*
- *description of each error;*
- *status of each fault.*

Proceed as follows:

1.Press **DTC Detected**.

The main screen of **DTC Detected** is displayed.



Icon	Name	Description
	Print	It allows you to print a report regarding the scan performed. **For further information see the Print chapter.**
	Self-diagnosis	It allows you to launch the diagnosis on the selected system.
	Deleting Faults	It allows deleting the errors detected on **all the systems available**. **For further information see the Error section in the Self-diagnosis chapter**

13.3 Guided Diagnosis

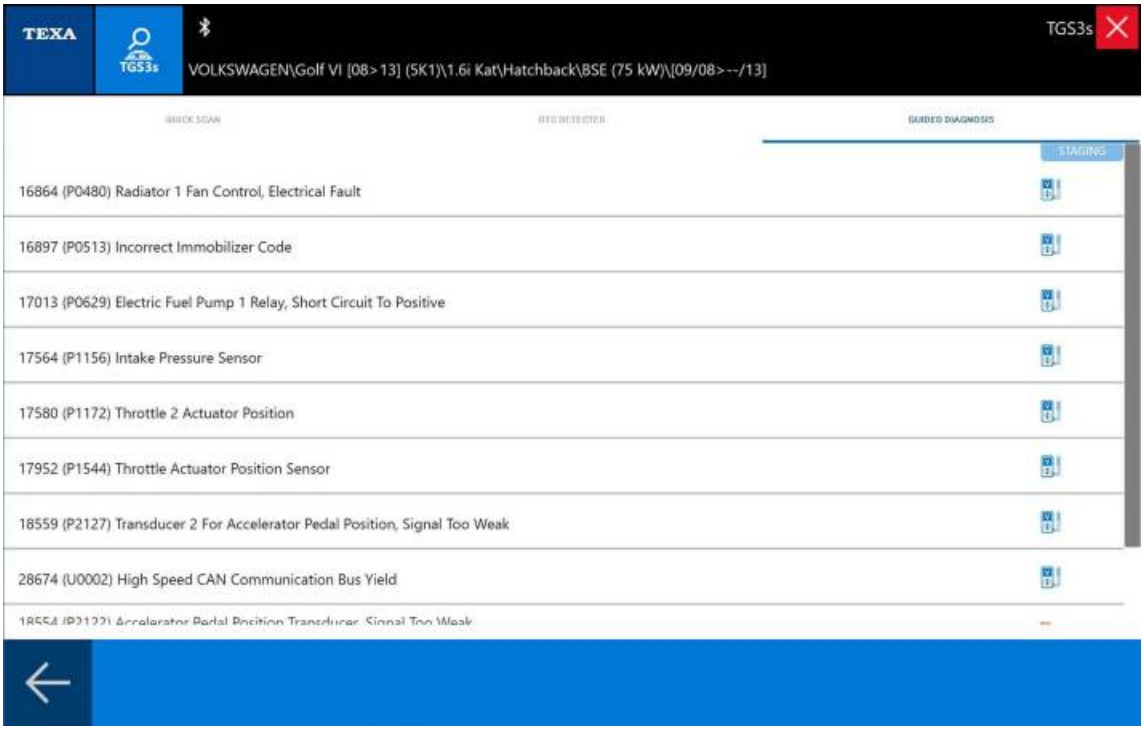
This function allows displaying the step-by-step guided instructions for the maintenance, repair and troubleshooting of the selected vehicle.

NOTICE *The functions visible in this section depend on the type of subscription and on the software license.*

Proceed as follows:

1.Press **Guided Diagnosis**.

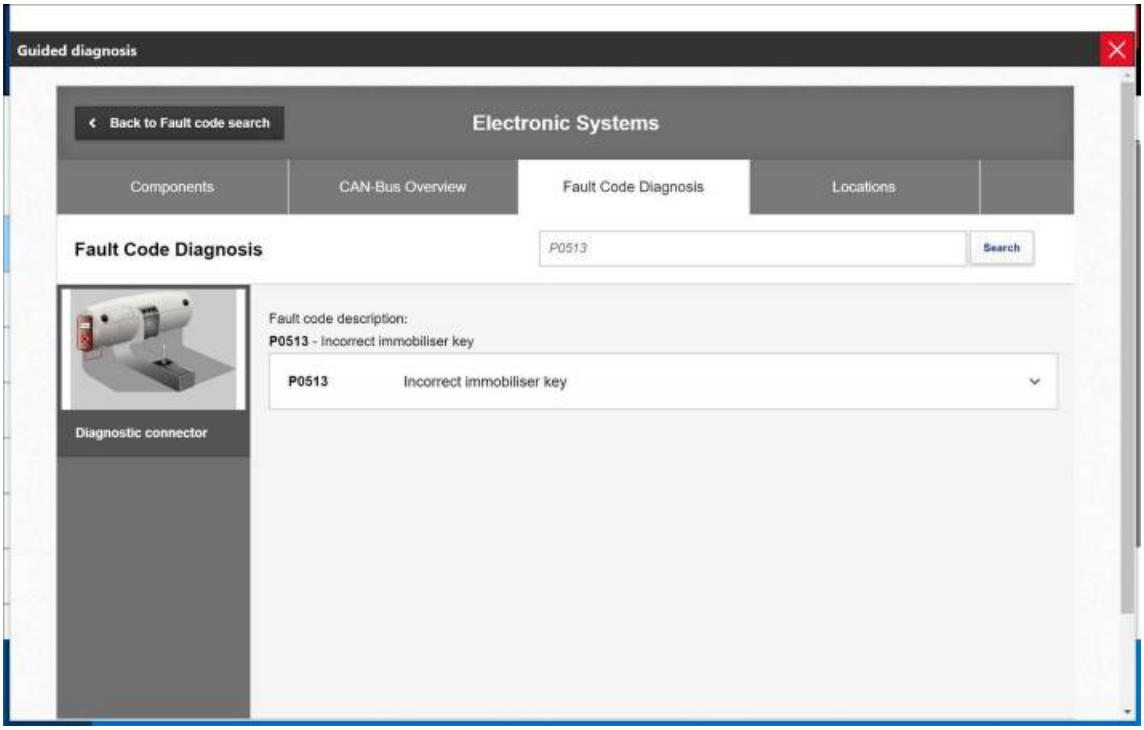
The main screen of **Guided Diagnosis** is displayed.



2.Select the desired error.

3.If necessary, select the exact vehicle model.

4.Select the correct error code description among the ones eventually suggested.



5.Select the desired guided diagnosis.

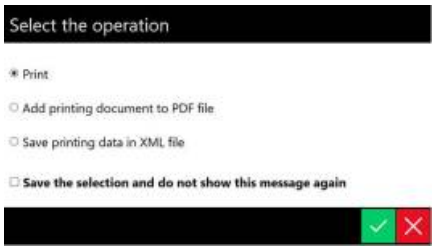
6.Follow the instructions that appear on screen.

13.4 *Print*

This function allows printing or exporting the reports in a PDF or XML format.

To print or export the reports of the errors detected, proceed as follows:

1.Press 

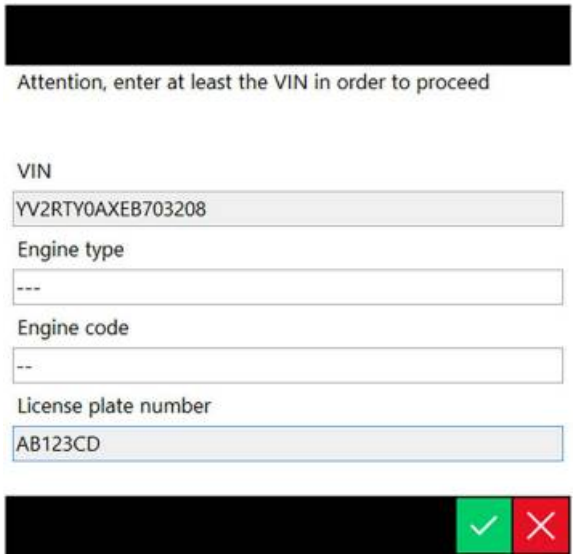


Select the desired operation among:

- *print;*
- *add printing document to PDF file;*
- *save printing data in XML file;*

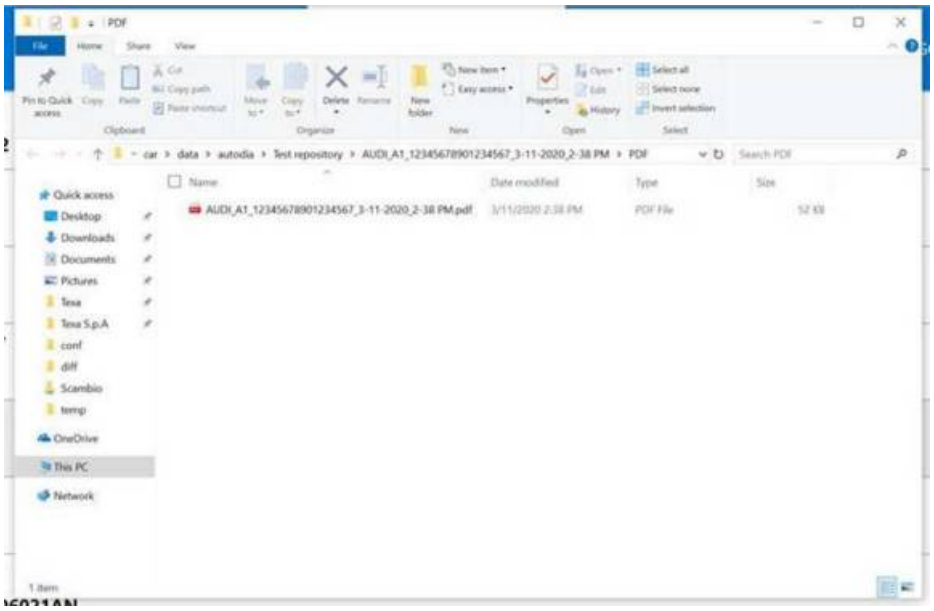
INFORMATION *By ticking the "Save the selection and do not show this message again" box, the selected operation is saved for future operations.*

Follow the instructions that appear on screen.

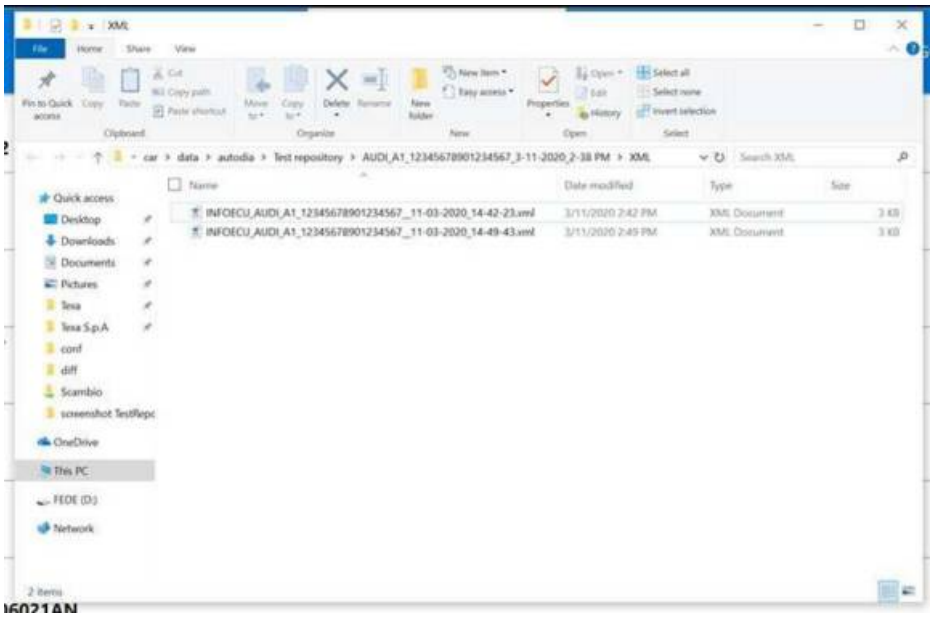


INFORMATION *Exporting in PDF format differs from exporting in XML format.*

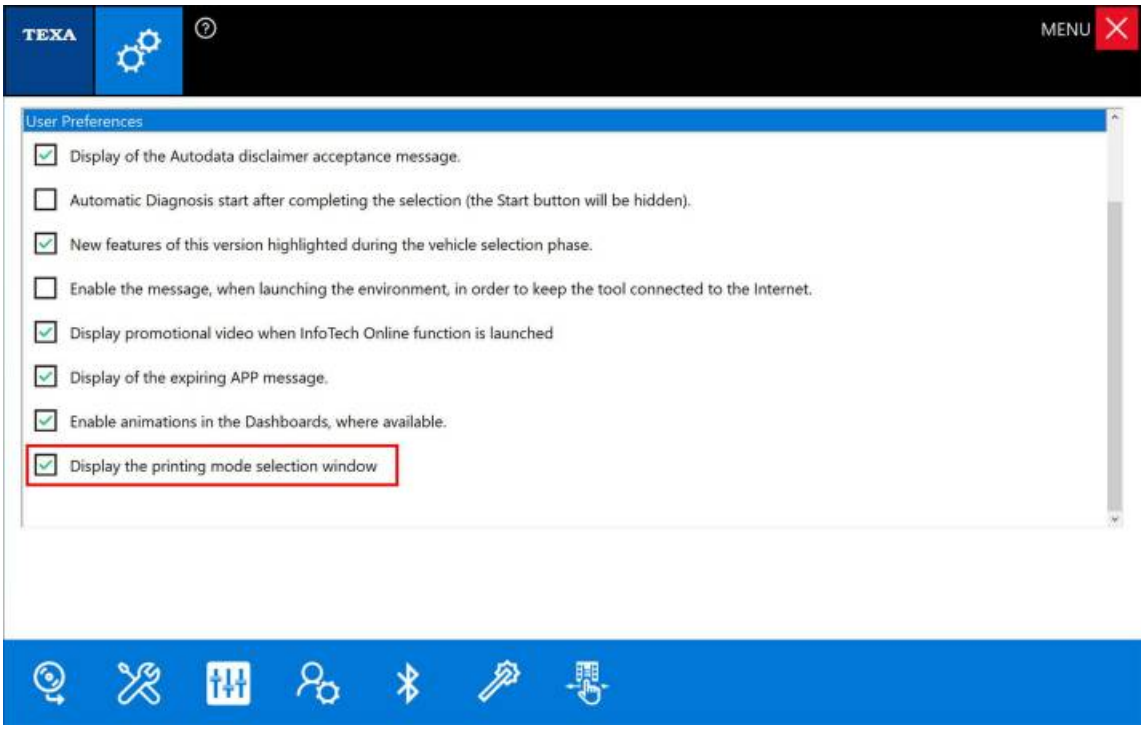
By exporting in PDF format, a single file is generated and the exportations queue until a new vehicle is selected.



By exporting in XML format, as many files as exportations are generated.



INFORMATION *To select or deselect the print preferences, see the User Preferences chapter.*



14 GLOBAL SCAN

This function allows you to access information related to the systems in the vehicle.

The function, dedicated to the BIKE environment, is similar to **TGS3s** and has its same purpose.

For further information, see the TGS3s chapter.

Proceed as follows:

1. Carry out a selection that includes at least the **Category**, **Make**, **Model** and **Engine type**.

2. Press  .

The software shows a diagnosis preparation screen.

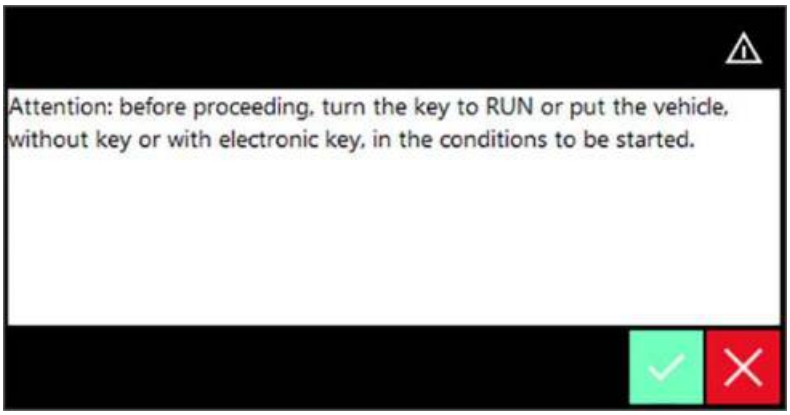
For further information regarding this screen, consult the chapter Self-diagnosis

3. Press  .

Based on the selection made, the software may indicate some operations to carry out before launching the scan.

4. Follow the instructions that appear on the screen.

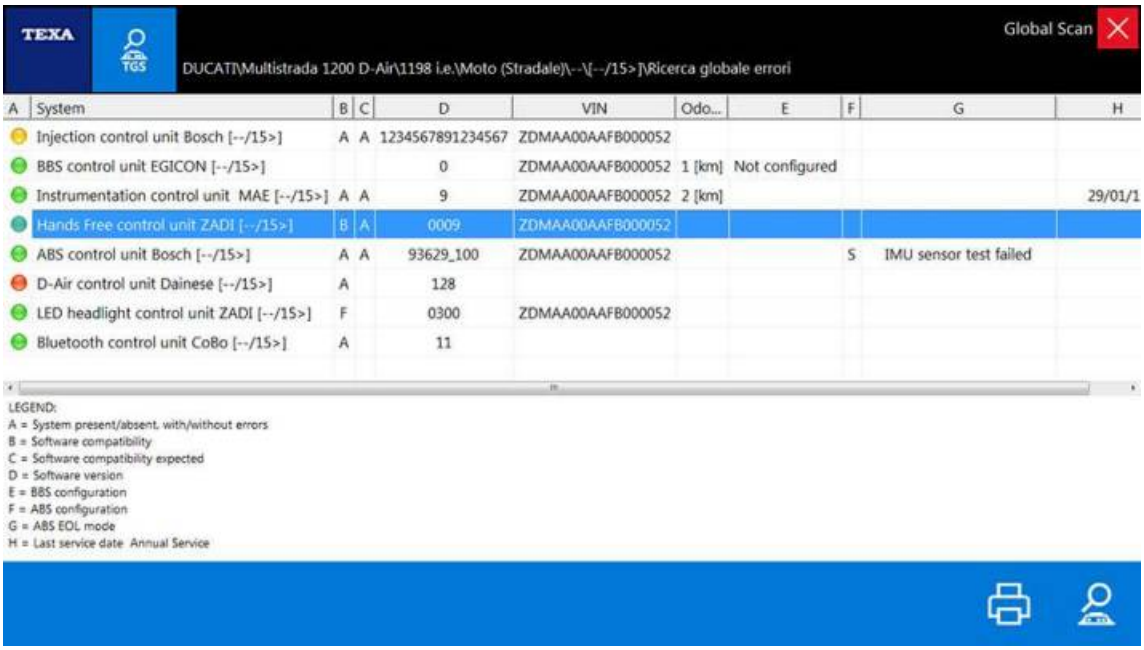
5. Press  .



6. Turn on the instrument panel when requested to.

Wait for the scan to be complete.

The result of the scan is displayed.



Icon	Name	Description
	Print	Allows you to print a report regarding the test that has been carried out.
	Auto-diagnosis	It allows you to launch the self-diagnosis on the selected system.

The screen uses color LEDs to provide some information:

Icon	Description
	The system was detected and there are not any errors.
	The system has been detected and there is at least one active error.
	The system has been detected and there is at least one stored error and no active error.
	The system was not detected. It is possible that the model you are working on does not have the system at issue or that the system is not responding correctly to the request.

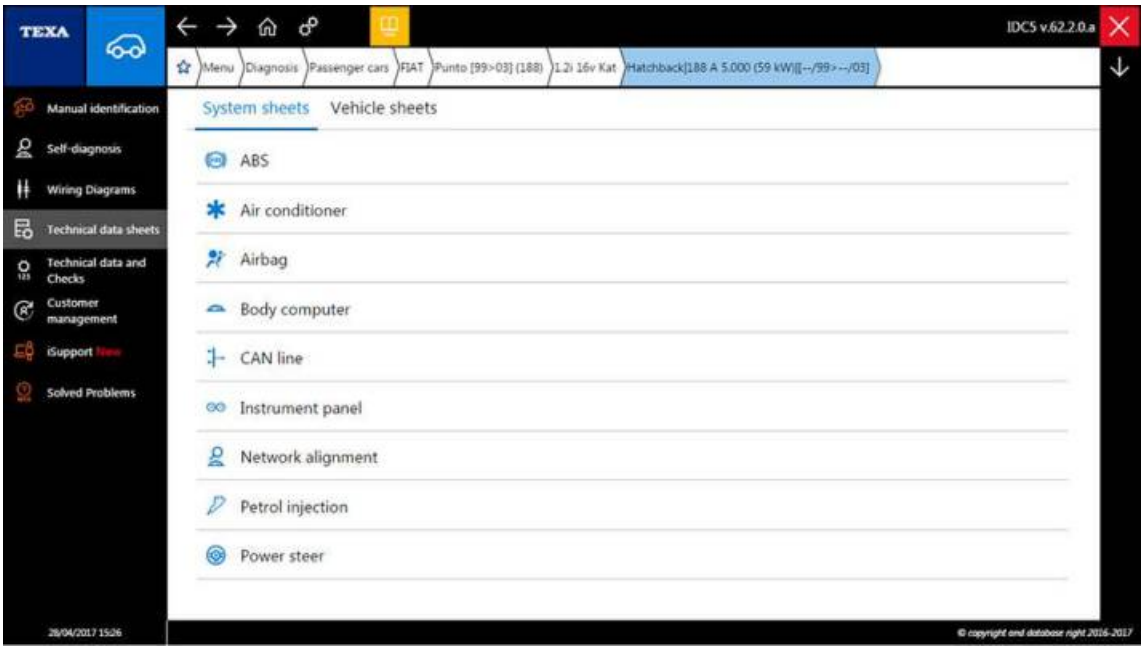
15 TECHNICAL DATA SHEETS

This function allows accessing the support information provided by the software.

Proceed as follows:

1. Select vehicle specifications

2. Press  from the side menu.



The screen is divided into the following pages:

Name	Description
System Sheets	It allows you to view all the **Bulletins** and **Technical data sheets** available for the selection made, divided by system and variant.
Vehicle Sheets	It allows you to view all the **Bulletins** and **Technical data sheets** that are available during the vehicle selection phases.

Below the differences between **Bulletins** and **Technical data sheets** are explained:

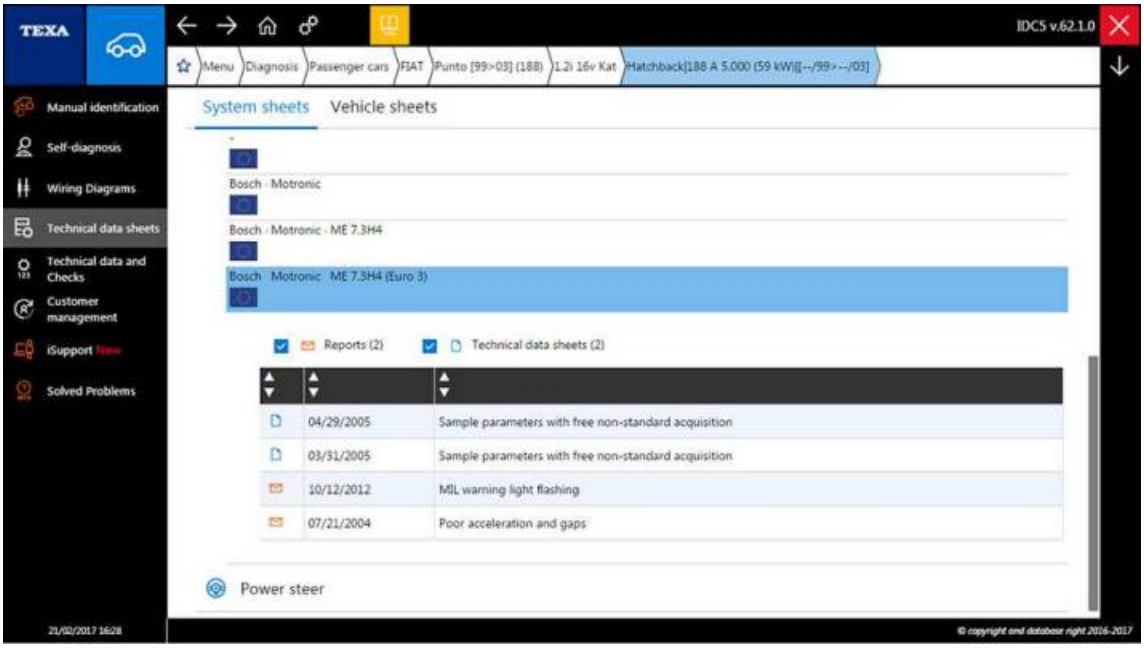
Icon	Name	Description
	Bulletins	Generally the **Bulletins** are documents that refer to a specific fault. The bulletin provides straightforward information on the probable cause of the problem and the correct procedure in order to solve and eliminate the problem. **FOR THE ITALIAN MARKET** You can view the bulletins available in the current version and download new ones by subscribing to the specific subscription. You can update the archive of the available bulletins using the **Bulletin Update** function. **FOR THE FOREIGN MARKET** You can view the bulletins available in the current version only by subscribing to the specific subscription.
	Technical data sheets	The **Technical data sheets** describe the characteristics and operating strategies of the different systems installed in the vehicle. The contents of the sheets are generally organised in the same way and include: • *general description of the system;* • *operating strategies and particular features;* • *position and images of the components.*

15.1 System Sheets

In this page you can view all the **Bulletins** and **Technical data sheets** available for the selection made, divided by system and variant.

1. Press **System Sheets**.
2. Select the **System**.
3. Select the **Variant**.
4. Select the bulletin or the technical data sheet.

The selected bulletin or technical data sheet is displayed.



15.2 Vehicle Sheets

In this page you can view all the **Bulletins** and **Technical data sheets** that are available during the vehicle selection phases.

This information is specific to the selection level you are currently in.

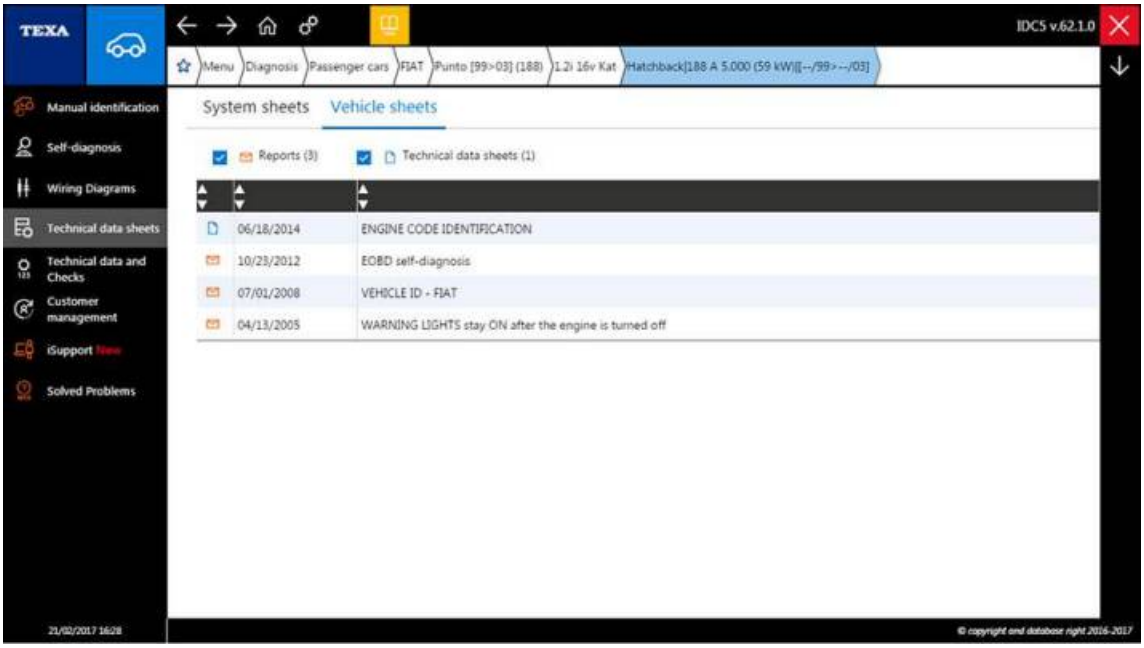
There are specific bulletins and technical data sheets based on the make, model, engine type, etc.

If the icon disappears when switching to the following selection level, this means that there are no technical data sheets available for the selected level.

Proceed as follows:

1. Press **Vehicle Sheets**.
2. Select the requested bulletin or technical sheet.

The selected bulletin or technical data sheet is displayed.



16 WIRING DIAGRAMS

This function allows you to view the wiring diagrams relative to the selection made.

The wiring diagrams provided comply with proprietary standards and refer to specific electronic systems installed in the vehicle.

The components of an electronic system are indicated using standard symbols.

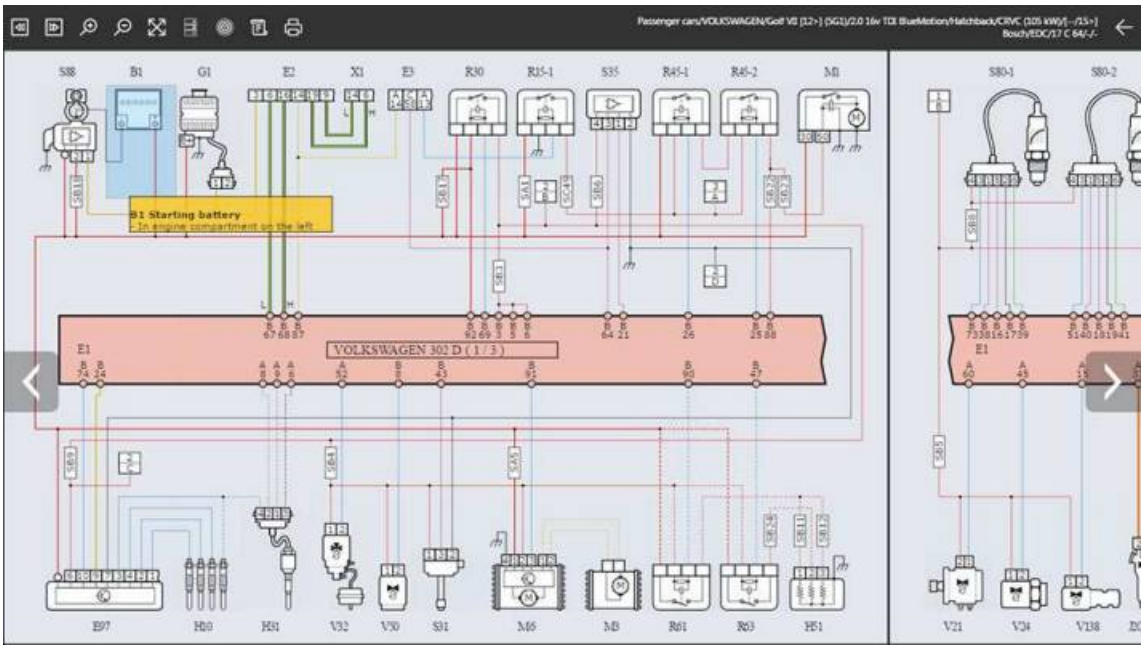
By moving the cursor on top of one of the symbols in the wiring diagram, a description that identifies the corresponding component and indicates its position will appear.

By pressing on the symbol of a component, a menu with the functions available is displayed.

Proceed as follows:

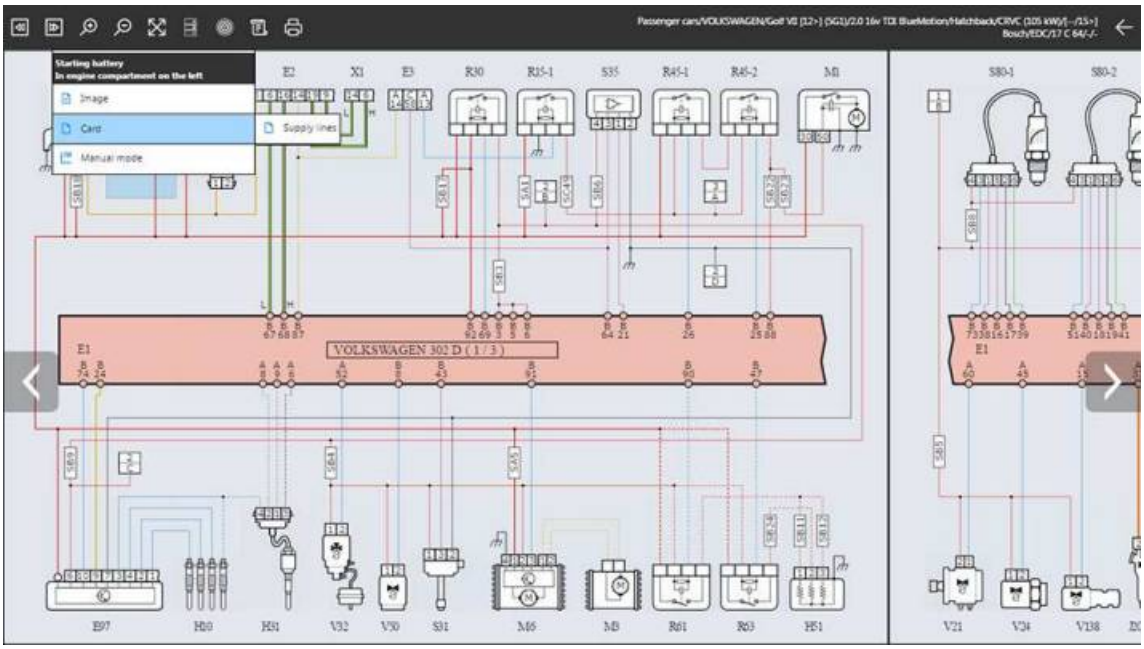
1. Select vehicle specifications.
2. Press  from the side menu.
3. Select the desired system.
4. Select the desired version.

The selected wiring diagram is displayed.



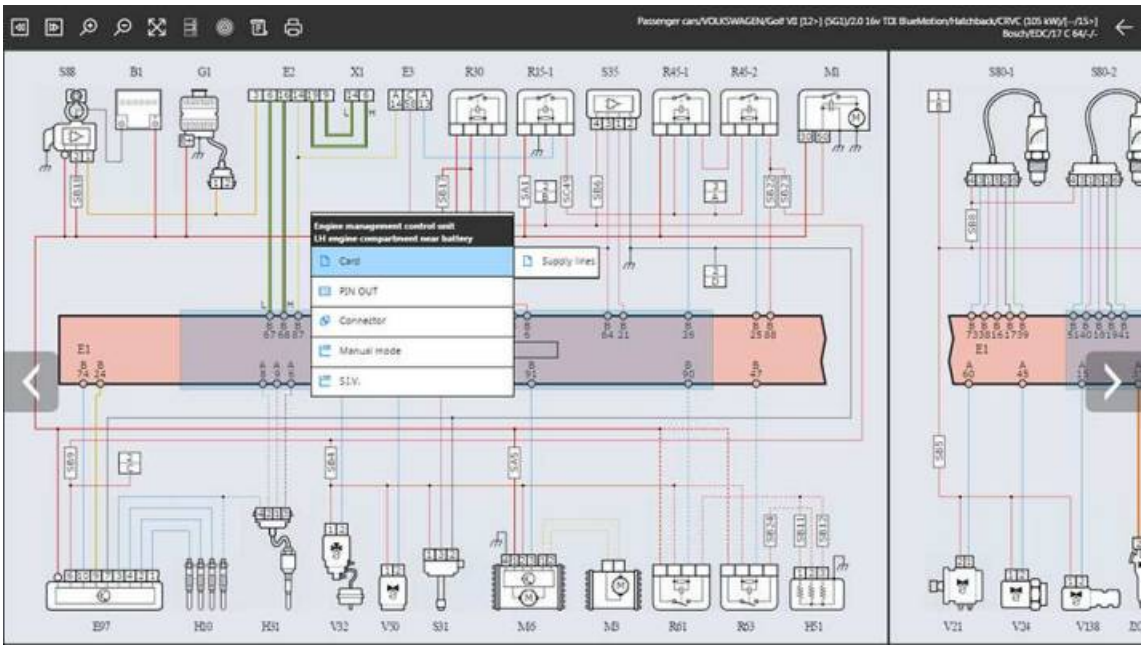
Icon	Name	Description
/	Previous / Next Page	Allows you to move from one page of a wiring diagram to another.
/	Zoom In / Out	It allows you to zoom in / out on a part of the diagram. Once they have been enlarged, you can navigate through the wiring diagrams by dragging the cursor towards the desired area.
	Full screen	Allows you to have a full-screen view of the wiring diagram.
	Component list	Allows you to view the list of components contained in the wiring diagram. By selecting a line in the legend, the corresponding component is highlighted in the wiring diagram.
	Device Location	It allows you to view the position of the selected component in the example vehicle's outline. The position of the spot changes as you move the cursor over another component.
	Wiring Diagram Key	Allows you to view the colour codes used within the diagram to explain the various types of connections. The colour code within the key is used to indicate the type of signal or the power supply within a specific connection.
	Print	Allows you to print the wiring diagram or the legends/keys.

Below there is an example of the functions and information available for the selected component.



Icon	Name	Description
	Image	Allows you to view a photo or a drawing of the selected component. The image changes as you move the cursor over another component.
	Technical data sheet	It allows you to access one or more documents related to the selected component. **For further information see the Technical data sheets chapter.**
	Manual	It allows you to launch the **Oscilloscope** function in manual mode. **For further information see the Oscilloscope chapter.**
	S.I.V.	It allows you to launch the **Oscilloscope** function in S.I.V (Signal Information Viewing) mode. In this mode the oscilloscope allows checking the quality of the signal present on the selected component. **For further information see the Oscilloscope chapter.**

In particular, some extra information is provided by pressing on the control unit.



Icon	Name	Description
	Pinout	It allows you to view a list indicating the control unit's pinout.
	Connector	It allows you to view an image of the control unit's diagnostic connector. Before being able to view the connector, you must accept a specific disclaimer.

17 TECHNICAL DATA AND CHECKS

This function allows obtaining information related to:

- *vehicle maintenance;*
- *vehicle repair;*
- *technical drawings;*
- *assistance procedures;*
- *technical bulletins;*
- *recalls.*

Proceed as follows:

1. Carry out a complete vehicle selection.

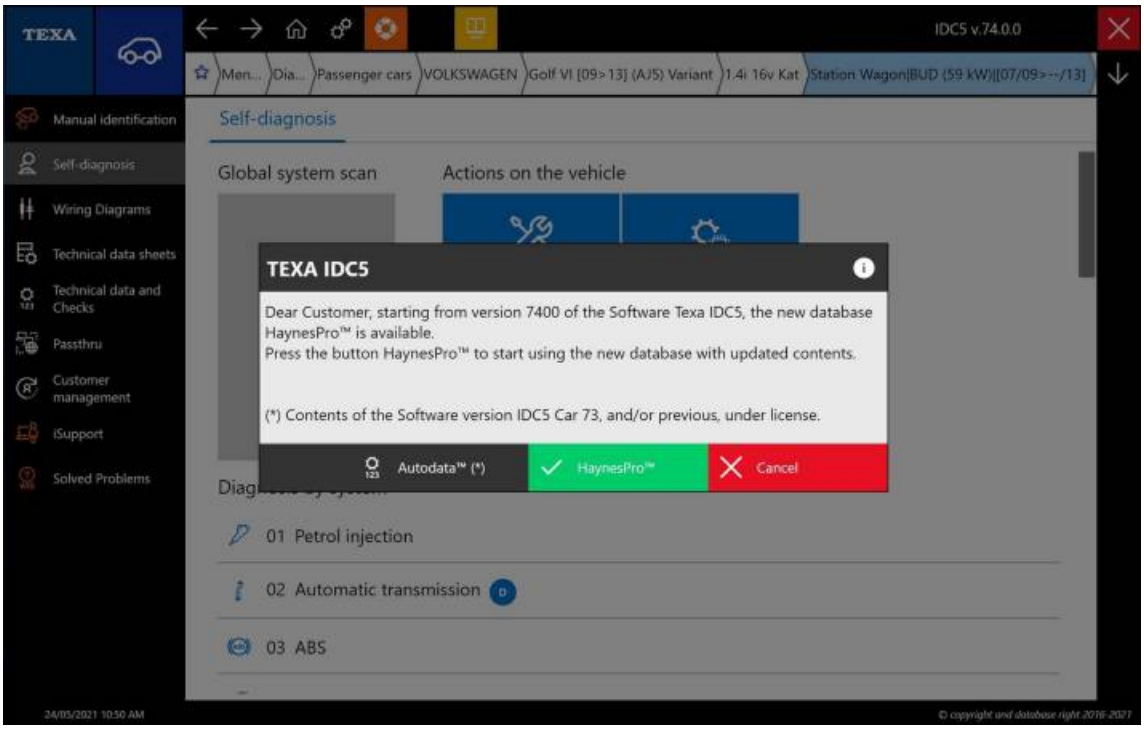
2. Press  .

NOTICE

The functions visible in this section depend on the type of subscription and on the software license.

In some cases, the software requests you to carry out a further selection between several available options.

This screen may not be displayed.



17.1 Technical data and Autodata Checks

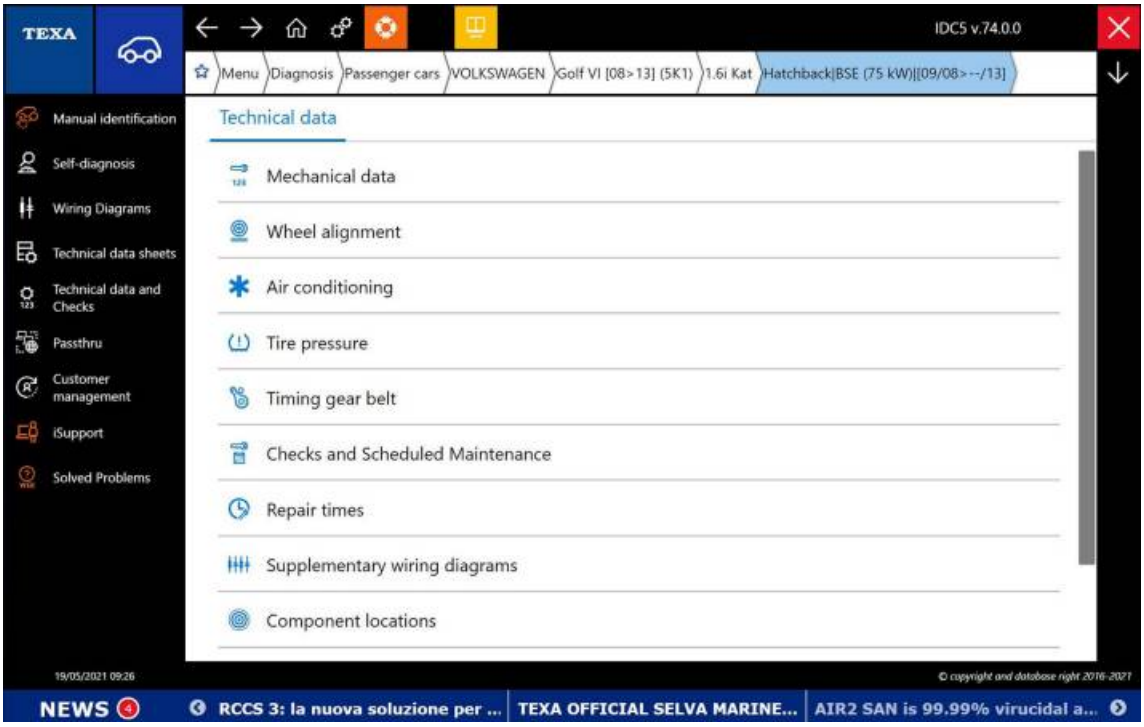
The screen with the Technical Data and Autodata Checks is displayed.

NOTICE

The visibility of this page depends on the type of subscription and on the license.

In some cases, the software requests you to carry out a further selection between several available options.

The list of available functions may vary based on the selection made and on the software version.



Icon	Name	Description
	Mechanical Data	It allows you to view the charts containing the mechanical and electrical values (vehicle identification, engine tightening torques, dimensions of brake drums and discs, etc.) relating to the selected vehicle.
	Wheel Alignment	It allows you to view the charts containing the toe, caster, inclination values and everything concerning the wheel alignment of the selected vehicle.
	Air Conditioning	It allows you to view descriptive sheets, images and charts contaning values related to the air conditioning system of the selected vehicle.
	Tire pressure	It allows you to view charts containing the available tyre pressure data for the selected vehicle.
	Timing belt	It allows you to view descriptive sheets, images and charts contaning values related to the timing belt of the selected vehicle.
	Checks and Scheduled Maintenance	It allows you to save the maintenance operations performed in the **Customer Management** archive.

	Repair times	It allows displaying the average repair times for a component of the selected vehicle.
	Component test	It allows you to view descriptive sheets, images and charts containing values related to the tests that can be carried out on the components of the selected vehicle.
	Additional Wiring Diagram	It allows you to view some additional wiring diagrams besides those of the **Wiring Diagrams** function. The wiring diagrams in this function are presented by multimedia images that allow you to identify the components that constitute the diagrams.
	Component locations	It allows you to view one or more images related to the location of the components in the selected vehicle.
	Fuse boxes/Relay plates	It allows you to view one or more images related to the layout of the fuse boxes / relay plates in the selected vehicle.
	Service illustrations	It allows you to view one or more images that are useful for the service of the selected vehicle.

Below there are the examples of the how the information is provided by the functions.

17.1.1 Mechanical Data

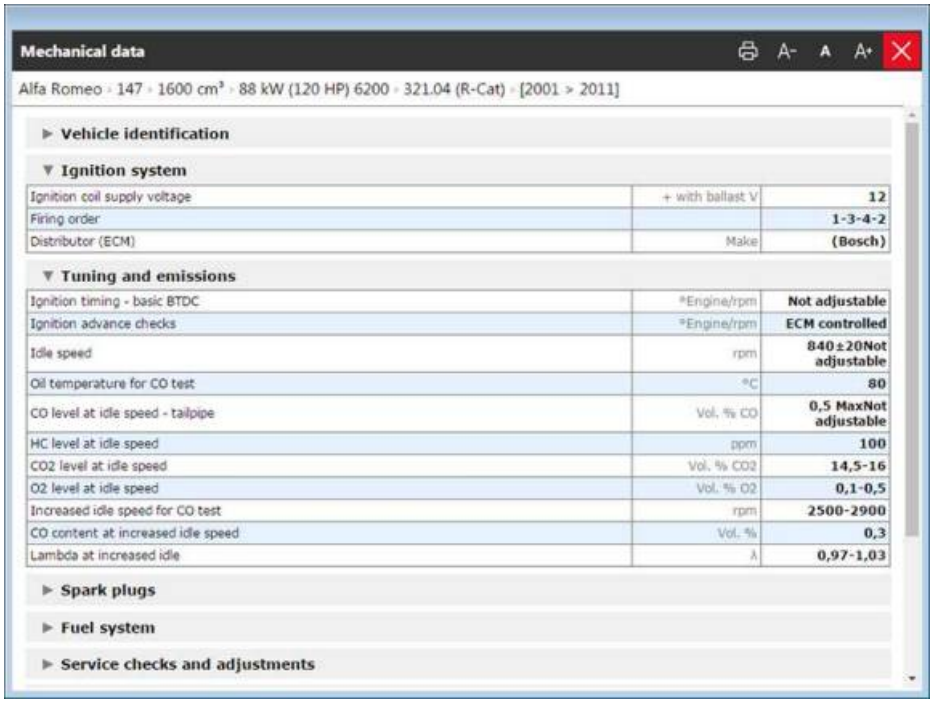
This function allows you to view the charts containing the mechanical and electrical values (vehicle identification, engine tightening torques, dimensions of brake drums and discs, etc.) related to the selected vehicle.

Proceed as follows:

1.Press .

2.Select one or more items among the ones suggested.

The items are drop-down menus that expand to display the related charts.



Mechanical data

Alfa Romeo › 147 › 1600 cm³ › 88 kW (120 HP) 6200 › 321.04 (R-Cat) › [2001 > 2011]

▶ **Vehicle identification**

▼ **Ignition system**

Ignition coil supply voltage	+ with ballast V	12
Firing order		1-3-4-2
Distributor (ECM)	Make	(Bosch)

▼ **Tuning and emissions**

Ignition timing - basic BTDC	°Engine/rpm	Not adjustable
Ignition advance checks	°Engine/rpm	ECM controlled
Idle speed	rpm	840±20Not adjustable
Oil temperature for CO test	°C	80
CO level at idle speed - tailpipe	Vol. % CO	0,5 MaxNot adjustable
HC level at idle speed	ppm	100
CO2 level at idle speed	Vol. % CO2	14,5-16
O2 level at idle speed	Vol. % O2	0,1-0,5
Increased idle speed for CO test	rpm	2500-2900
CO content at increased idle speed	Vol. %	0,3
Lambda at increased idle	λ	0,97-1,03

▶ **Spark plugs**

▶ **Fuel system**

▶ **Service checks and adjustments**

17.1.2 Air Conditioning

This function allows you to view descriptive sheets, images and charts contaning values related to the air conditioning system of the selected vehicle.

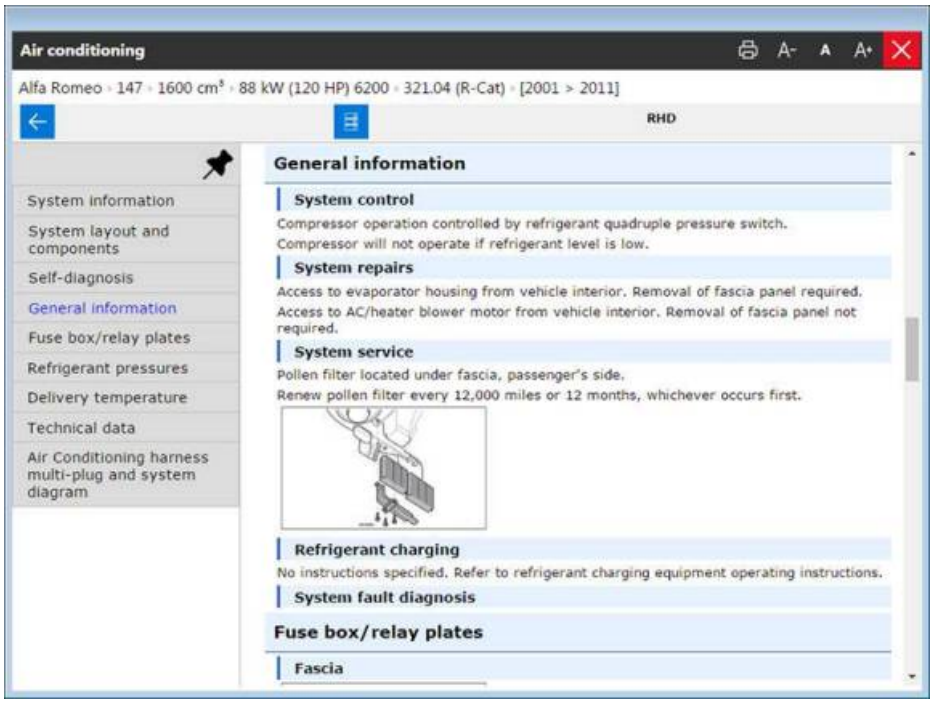
The chapter you wish to go to can be selected from the index on the left part of the screen.

Proceed as follows:

1.Press * .

2.If necessary, select one of the items suggested.

3.Scroll the text on the right side of the screen or select one of the chapters from the index on the left.



Icon	Name	Description
←	Back	It allows you to return to the previous screen.
	Index	It allows you to move to the desired chapter by pressing directly on one of the available items.

17.1.3 Additional Wiring Diagram

This function allows displaying additional wiring diagrams besides other than the **Wiring Diagrams**.

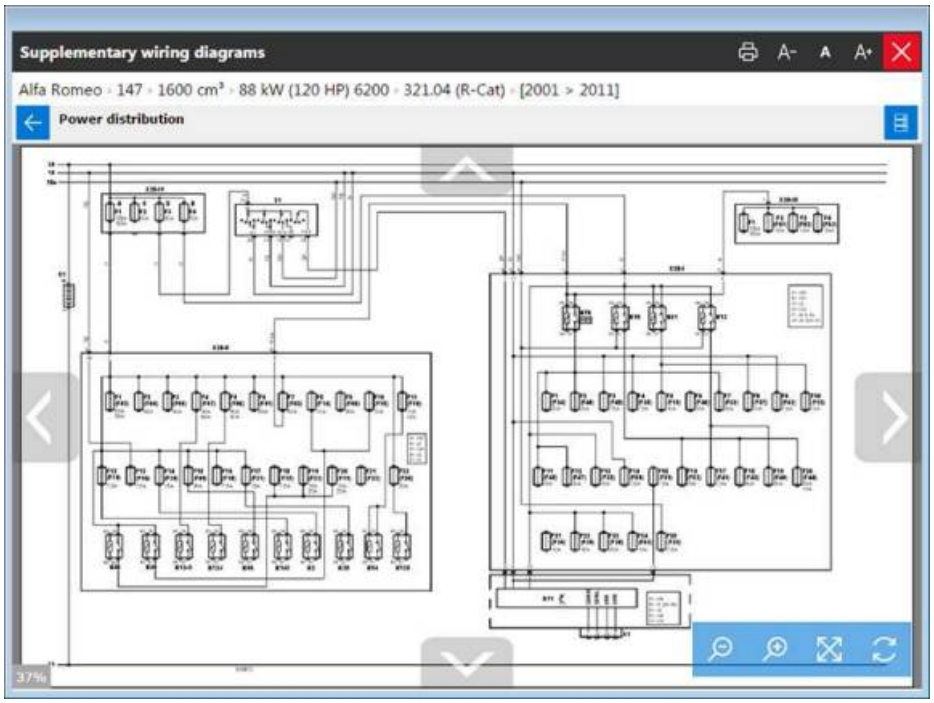
The wiring diagrams in this function are multimedia images that allow you to identify the components that constitute the diagrams.

Proceed as follows:

1.Press .

2.If necessary, select one of the items suggested.

The graph is displayed.

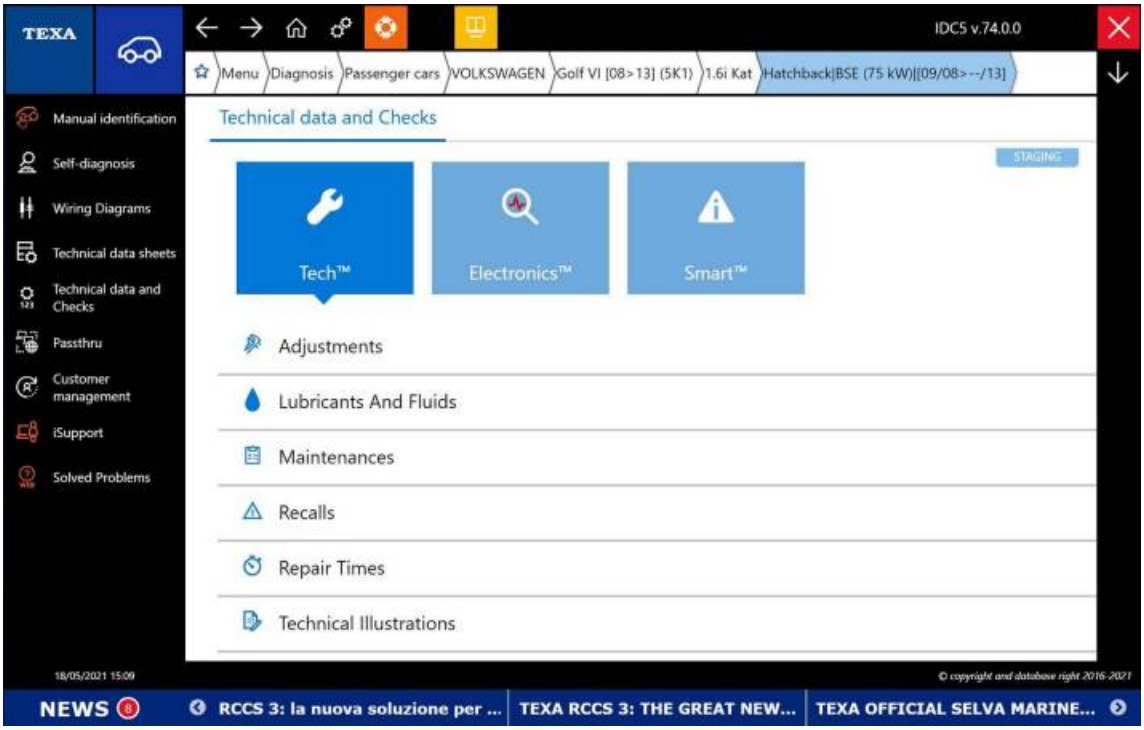


Icon	Name	Description
	Back	It allows you to return to the previous screen.
	Component legend	It allows you to view the list of components contained in the wiring diagram. By selecting a line in the legend, the corresponding component is highlighted in the wiring diagram.
/	Zoom In / Out	It allows you to zoom in / out on a part of the diagram. Once they have been enlarged, you can navigate through the wiring diagrams by dragging the cursor towards the desired area.
	Full screen	Allows you to have a full-screen view of the wiring diagram.
	Rotate	It allows you to rotate the image by 90°.

17.2 Technical data and HaynesPro Checks

The screen with the Technical Data and HaynesPro Checks is displayed.

NOTICE *The visibility of this page depends on the type of subscription and on the license.*



The Technical Data and Checks function is available in three modules:

Icon	Name	Description
	TECH	It provides information related to the repair and maintenance of a vehicle.
	ELECTRONICS	It allows retrieving the vehicle's CAN-BUS system data and diagnosing the faults and malfunctions that generate alarm codes; it also provides the location of the fuses and relays.
	SMART	It allows immediate access to the Technical Bulletins and to the Recalls provided by the vehicle manufacturers.

INFORMATION *The list of the functions available in each module depends on the selection made and on the subscription purchased.*

17.2.1 TECH module

This module provides information related to the identification, repair and maintenance of a vehicle.

Proceed as follows:

1.Press .

Icon	Name	Description
	Technical Illustrations	It allows displaying one or more technical drawings in order to identify the components easier. It also allows selecting the spare parts to purchase and add to the work order.
	Lubricants and Fluids	It provides indications and technical features of the lubricants and fluids used and/or to use in the selected vehicle.
	Maintenances	It provides the minimum maintenance requirements established by the vehicle manufacturers.
	Adjustments	It provides indications on the settings of the analysed system, such as: • *torque setting;* • *cylinder firing;* • *minimum emissions;* • *brake disc thickness.*
	Repair times	It provides the indicative repair times to calculate the maintenance and/or repair estimates.
	Recalls	It provides official recall data by the vehicle manufacturers.

17.2.2 ELECTRONICS module

This module allows recovering the vehicle's CAN-BUS system data and diagnosing the faults and errors generated by the fault codes.

Proceed as follows:

1.Press  .

Icon	Name	Description
	Electronic components – Guided Diagnosis	It allows consulting the guided instructions on the electronic components to work on vehicles safely.
	Fuses and Relays	It provides information on the position of the electronic components and indications and explanations on the warning lights.

17.2.3 SMART module

This module allows immediate access to the Technical Bulletins and to the Recalls provided by the vehicle manufacturers.

Proceed as follows:

1.Press .

Icon	Name	Description
	Recalls	It provides official recall data by the vehicle manufacturers.
	Technical Bulletins	It provides the Technical Bulletins released by the vehicle manufacturers.
	Solved problems	It allows quickly checking the solutions to common problems related to a selected vehicle that may or may not be connected with a fault code.

Below there are some examples of how the information is provided by the functions.

17.2.4 Lubricants and Fluids

This function provides information on the lubricants and fluids used and/or to use in the vehicle.

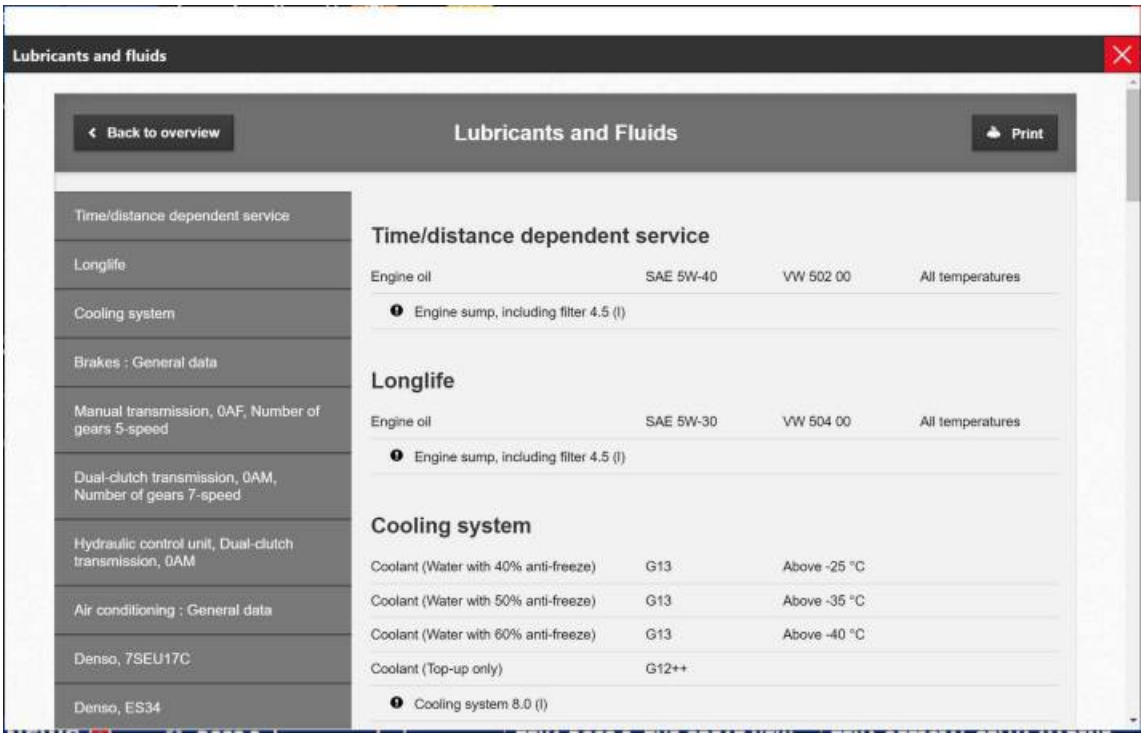
It also provides the position of the discharge sockets related to the selected vehicle.

Proceed as follows:

1.Press .

2.If necessary, select one of the items suggested.

3.Scroll the text on the right side of the screen or select one of the chapters from the index on the left.



17.2.5 Repair times

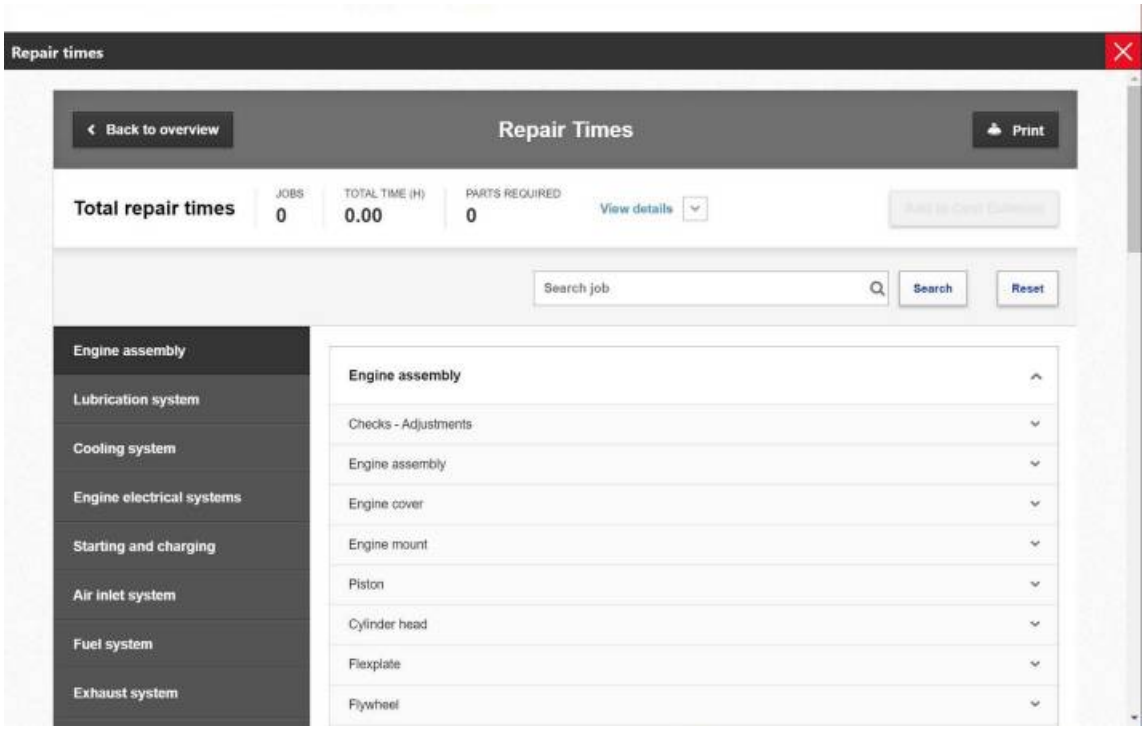
This function provides the times useful for calculating the repair estimate and/or maintenance of a vehicle.

Proceed as follows:

1.Press .

2.If necessary, select one of the items suggested.

3.Scroll the text on the right side of the screen or select one of the chapters from the index on the left.



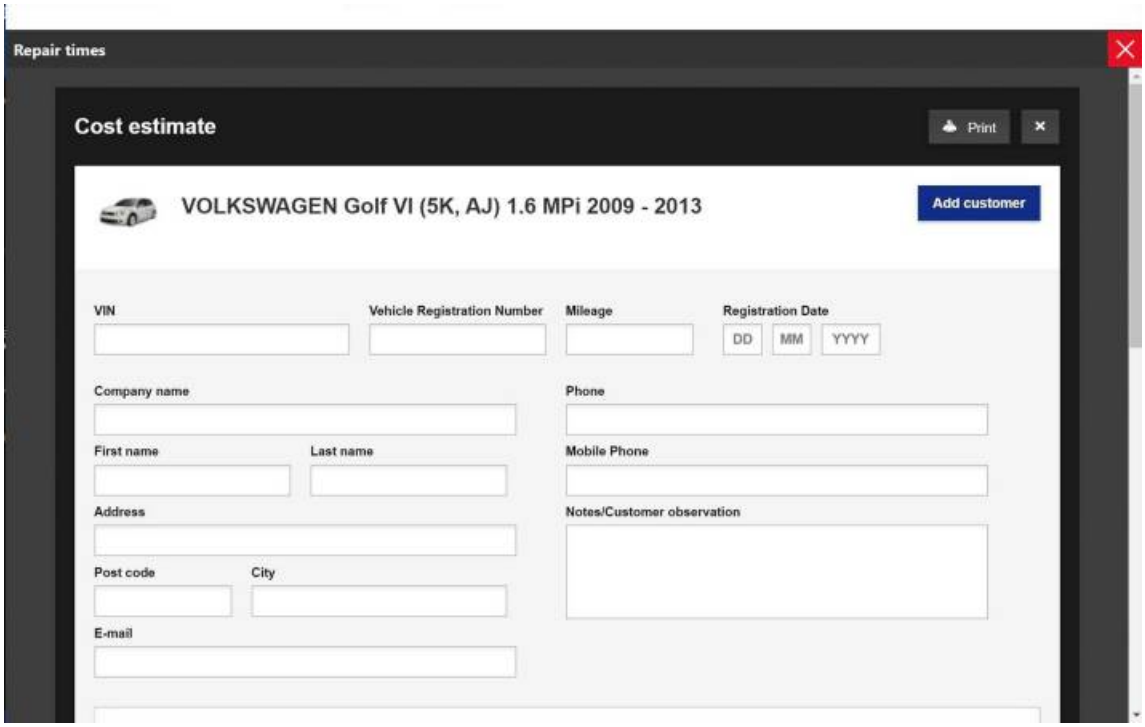
The items are drop-down menus that expand to display the times related to the selection.

4.To add a repair time, press +.

5.To remove a repair time, press x.

The summary of the selected actions and related times is displayed in the upper part of the screen.

6.To conclude, press ADD TO ESTIMATE.



7.Fill in the required fields.

8.Press SAVE.

9.To print the estimate, press PRINT.

The PRINT button is located on the upper right side of the screen.

17.2.6 Technical Service Bulletins

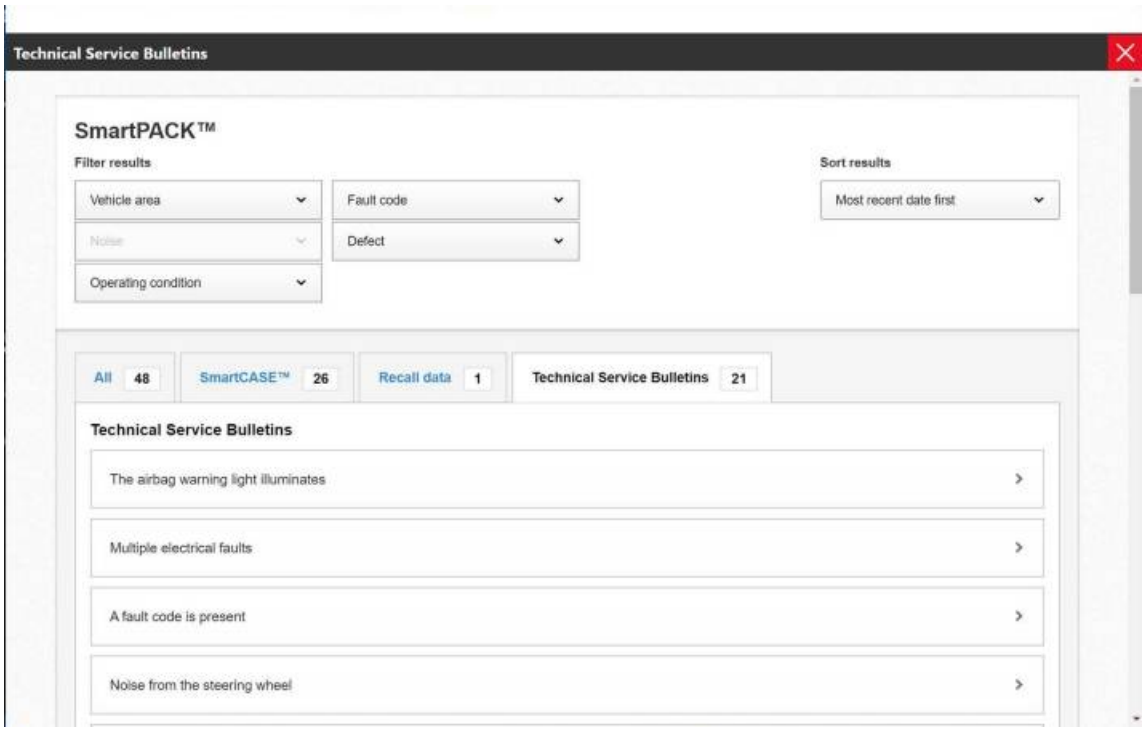
This function provides the Technical Bulletins released by the vehicle manufacturers.

Proceed as follows:

1.Press .

2.If necessary, select one of the items suggested.

3.Scroll the text on the right side of the screen or search for the bulletins using the filters located on the upper left side of the screen.



The bulletins can be filtered by:

- *affected area in the vehicle (brakes, engine, steering, etc.);*
- *fault code;*
- *noise;*
- *fault;*
- *operating status (engine compartment, noise, at idle, etc.).*

The list of the results can be organised:

- *starting from the most recent date;*
- *starting from the first date available;*
- *alphabetical order.*

18 EOBD SCANTOOL

This function allows carrying out a specific diagnosis related to the vehicle's emissions.

The function can be launched from the menu **Diagnosis** or by selecting the **EOBD Protocol** variant at the end of the selection.

INFORMATION *Configure the diagnostic tool correctly before launching the function.*

Proceed as follows:

1. Launch the function through a selection or the **Diagnosis** menu.

The main **EOBD Scantool** screen is displayed.

Icon	Name	Description
	Connect	Allows you to connect the device to the control unit.
	Disconnect	Allows you to disconnect the device from the control unit.

The screen indicated above provides the following information:

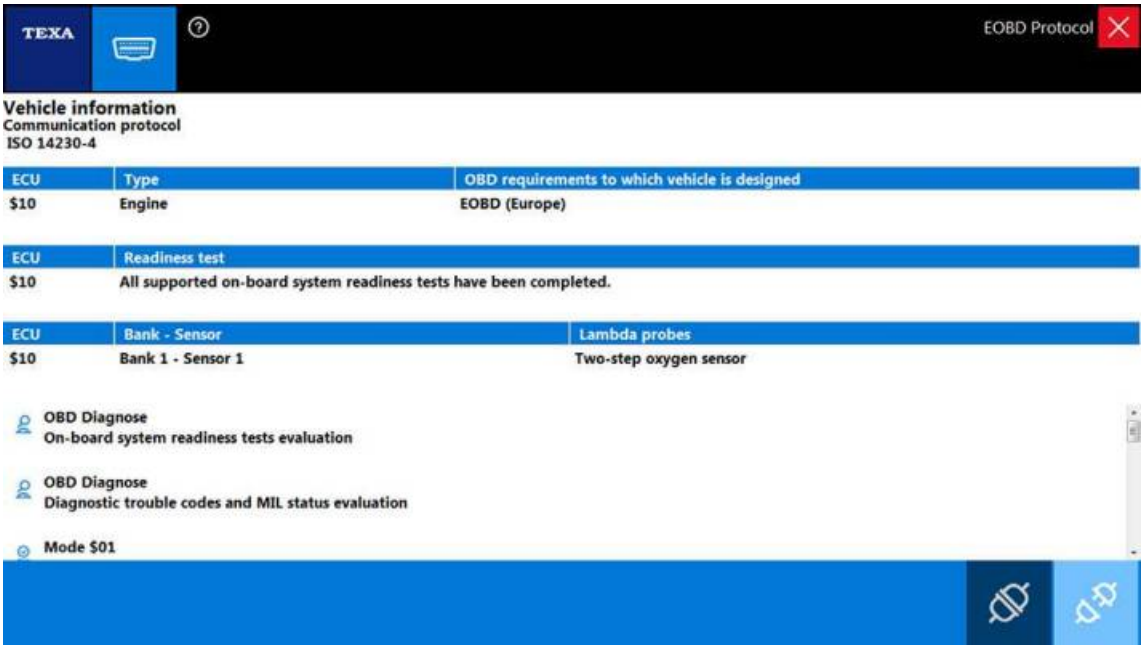
- *a video illustrating how to access the diagnostic socket;*
- *an image and the code of the diagnostic cable that must be used.*

18.1 General Vehicle Information

Before accessing the tests and the polls, you must connect the device to the control unit. Proceed as follows:

1. Press  .

After the connection, the **Vehicle information** screen is displayed.



The screen provides the following information:

1. **Communication protocol implemented by the vehicle.**
   - *ISO 9141-2;*
   - *ISO 14230-4 (Keyword 200);*
   - *ISO 15765-4 (CAN);*
   - *...*
2. **Control unit address**
3. **Type of control unit**
4. **Position of the probes installed on the vehicle**
   - *bank number;*
   - *number that identifies the location of the probe within the bank.*
5. **Vehicle OBD status**
   - *OBD and OBD II;*
   - *not OBD compliant;*
   - *EOBD (Europe);*
   - *…*
6. **Status of the readiness tests**
7. **Probe type**
   - *switching probe (also called jump);*
   - *wideband probe (also called wide-range or broadband) under voltage;*
   - *wideband probe (also called wide-range or broadband) under current.*

- *...*

If the vehicle's **OBD status** is **Not OBD compliant**, the software allows carrying out the diagnosis anyway but the results may not be reliable.

However, this information is useful to understand unexpected results or measurements that not meet any integrity restriction.

NOTICE

A vehicle that is not compliant with the OBD specifications may not support certain software functions or may not respond to polls and tests in a standard way.

18.2 Modes

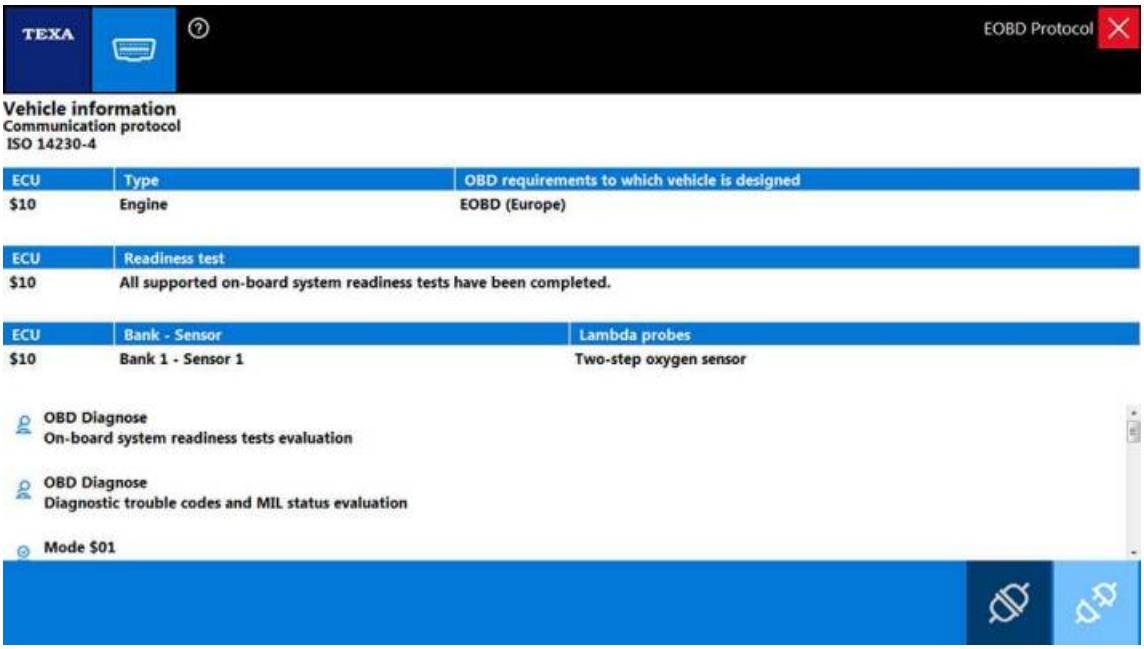
From the **Vehicle information** screen you can access the **modes**.

The **modes** are ways of interrogating the control units that allow acquiring specific diagnostic data.

INFORMATION *The modes that can be selected depend on the services provided by the control unit of the vehicle being tested.*

Proceed as follows:

1. Press on the desired mode.



The modes available are:

Icon	Name	Description
	OBD diagnosis	It allows checking the vehicle's efficiency by evaluating the **readiness tests**.
	OBD diagnosis	It allows checking the vehicle's efficiency by evaluating the status of the **MIL** and of the **DTC (Diagnostic Trouble Codes)** detected.
	Mode $01	It allows viewing the **current data** available.
	Mode $02	It allows viewing the **freeze frames** available.
	Mode $03	It allows viewing the **DTCs** detected.
	Mode $04	It allows deleting all the diagnostic information available. **The vehicle's control units respond to this service when the ignition key is turned to the ON position and the engine is off.** **For technical and / or safety reasons, in certain conditions, some control units may not respond to this service.**

	Mode $05	It allows viewing the results of the monitoring tests related to the **oxygen sensors**.
	Mode $06	It allows viewing the results of the monitoring tests related to systems / components that are not continuously monitored, such as the EGR valve or the evaporation system. Furthermore, it can be used to view the results of the tests on the oxygen sensors instead of **Mode $05**.
	Mode $07	It allows viewing any DTC detected during the last **driving cycle**. The term driving cycle refers to a period of engine operation in which the vehicle reaches, for example, given values for specific parameters defined by the manufacturer. **The information provided is useful after repairing a vehicle, to observe how its systems operate after a single driving cycle.**
	Mode $08	It allows checking the operation of a system, a test or a component on the vehicle. The possible uses of this mode are: • *activate a system / test / component;* • *deactivate a system / test / component;* • *activate a system / test / component for n seconds; run a test for n seconds.* The possible results of this mode are: • *display of the system's status;* • *display of the test result.*
	Mode $09	It allows viewing information related to the vehicle such as the VIN (Vehicle Identification Number), CALID (Calibration ID), CVN (Calibration Verification Number) and other information related to the vehicle's performances.

Below there are some examples of how the modes explained in the chart operate.

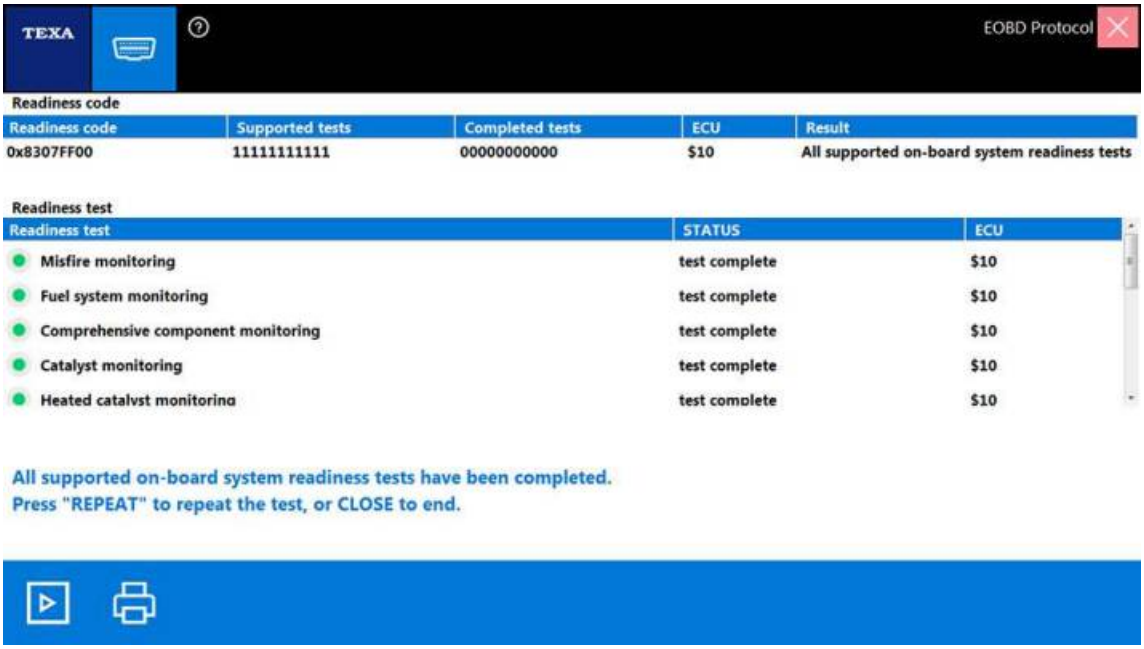
18.2.1 OBD diagnosis: Evaluation of the on-board system readiness tests

This mode allows checking the vehicle's efficiency by evaluating the readiness tests.

Proceed as follows:

1. Press .

The evaluation screen is displayed.



Icon	Name	Description
	Repeat	Allows you to repeat the data acquisition.
	Print	Allows you to print a report of the test that has been performed.

The screen provides the following information:

- **Response message data in hexadecimal format** *(readiness code);*
- **Bit-train representing the services supported** *(0 if the service is not supported and 1 if the service is supported);*
- **Bit-train representing the services completed** *(0 if the service is complete or not applicable and 1 if the service is not complete);*
- **Control unit address;**
- **Overall result deriving from the evaluation of the readiness tests;**
- **Full description of the readiness test;**
- **Readiness test status.**

Below there is a legend of the symbols used to describe the status of the readiness tests.

Icon	Name	Description
	Green LED	Symbol used to indicate that the related readiness test is complete.
	Red LED	Symbol used to indicate that the related readiness test is not complete.
	Grey LED	Symbol used to indicate that the related readiness test is not supported.

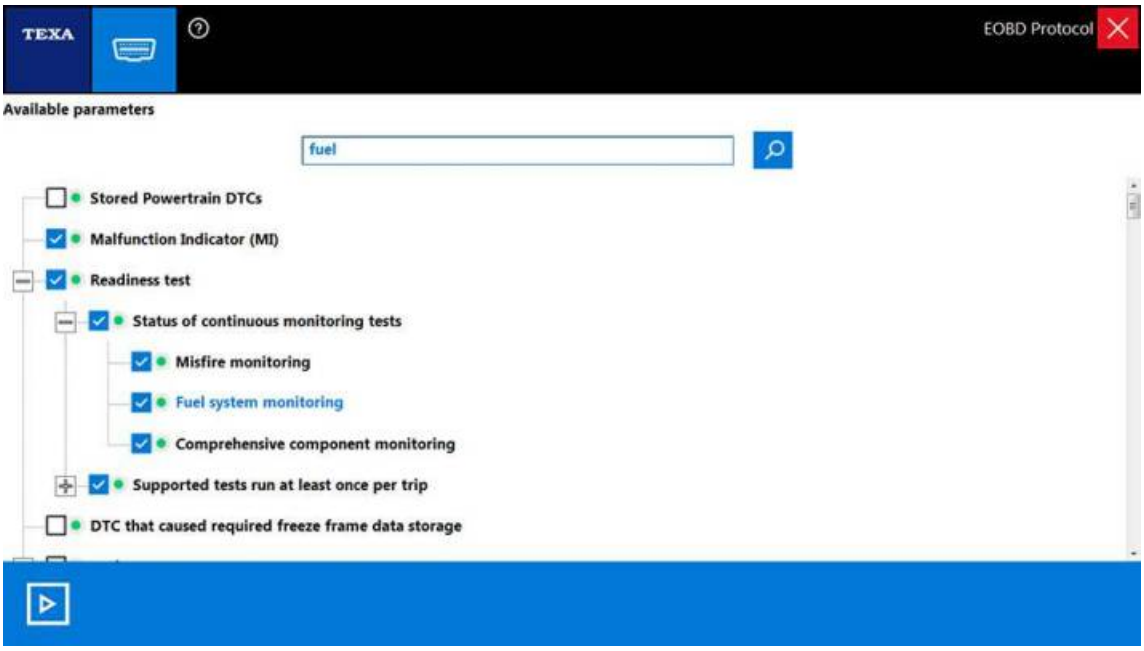
18.2.2 Mode $01

Mode $01 allows viewing the current data available.

Proceed as follows:

1. Press .
2. Select the desired information.

INFORMATION *The information can be organised in groups if it has similar features.*



Icon	Name	Description
	Poll	Allows you to launch the data acquisition.

3. Press  .

Below there is a legend of the symbols used to describe the status of data or of a node that represents a group of data.

Icon	Name	Description
	Green LED	Symbol used for both a single data element and a node that gathers a set of data: • *if it is a single data element this means that the current data is supported by at least one of the control units in the vehicle;* • *if it is a node that gathers a set of data this means that all the data elements that it gathers are supported.*
	Red LED	Symbol used for both a single data element and a node that gathers a set of data: • *if it is a single data element this means that the current data is not supported by any control unit in the vehicle;* • *if it is a node that gathers a set of data this means that none of the elements that it gathers is supported.*
	Yellow LED	Symbol used only to represent the status of a node that gathers a set of data. It means that the node gathers both supported and non-supported data.
	Question mark	Symbol used for both a single data element and a node that gathers a set of data: • *if it is a single data element this means that it is impossible to determine whether the current data is supported or not;* • *if it is a node that gathers a set of data this means that among the data elements that it gathers there is at least one element for which it is impossible to determine whether it is supported or not.*

This table is applicable to all the modes described below (**Mode $02 … Mode $09**).

The current data is displayed.

Description	ECU	Value
Malfunction Indicator (MI)	$10	MI status: ON
Misfire monitoring	$10	test complete
Fuel system monitoring	$10	test complete
Comprehensive component monitoring	$10	test complete
Catalyst monitoring	$10	test complete
Heated catalyst monitoring	$10	test complete
Evaporative system monitoring	$10	test complete
Secondary air system monitoring	$10	test complete
Oxygen sensor monitoring	$10	test complete
Oxygen sensor heater monitoring	$10	test complete
EGR and/or VVT system monitoring	$10	test complete
OBD requirements to which vehicle is designed	$10	EOBD (Europe)

The screen provides the following information:

- *data description;*
- *control unit address;*
- *data value.*

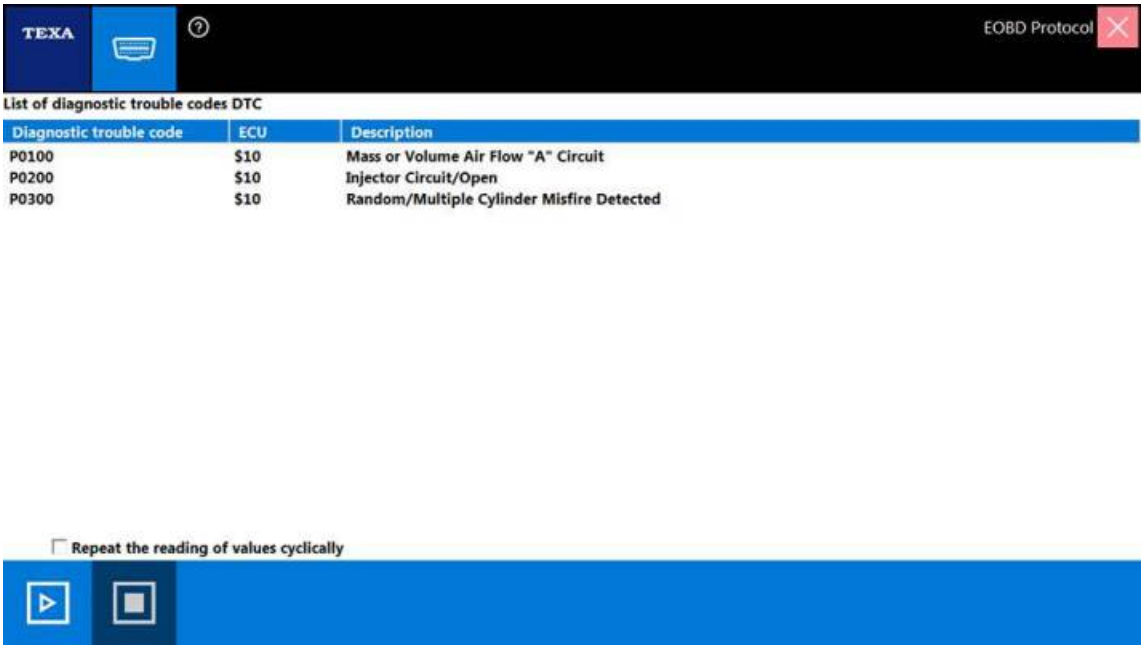
18.2.3 Mode $03

Mode $03 allows viewing the DTCs available.

Proceed as follows:

1. Press .

The **DTCs** detected are displayed.



Icon	Name	Description
	Poll	Allows you to repeat the data acquisition.
	Stop	It allows stopping the data reading

The screen provides the following information:

- *Diagnostic Trouble Code (DTC);*
- *control unit address;*
- *DTC description.*

2. For continuous data updating, select the option **Repeat the reading of values cyclically**.

3. Press to stop the measuring.

19 SPECIAL FUNCTIONS

This menu contains diagnostic functions (adjustments, activations, etc.) linked to quite common and frequent operations such as replacing the vehicle's battery or regenerating the particulate filter.

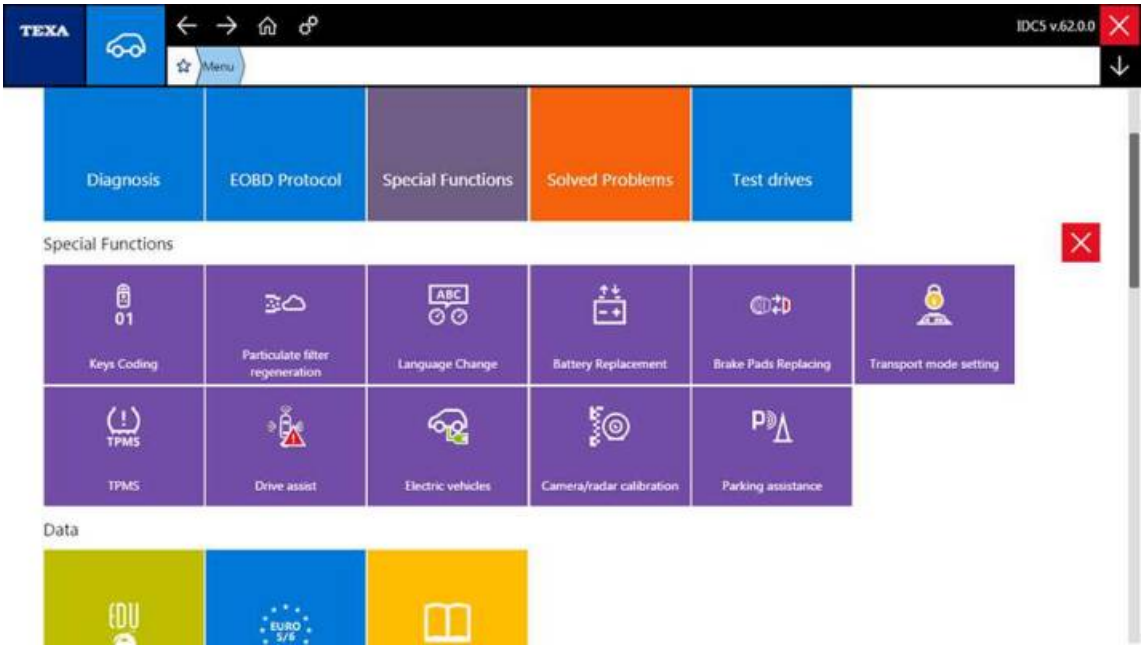
The choice to gather them with a single menu increases their visibility and makes them easier to access.

The function must be purchased and/or downloaded from the TEXA APP portal in order to be used.

Proceed as follows:

1. Press .

The **Special Functions** menu is displayed.



Icon	Name	Description
	Key Coding	It allows coding the keys, remote controls and immobiliser control units in case of malfunctions or need to replace them.
	Particulate Filter Regeneration	It allows you to carry out the DPF regeneration procedure.
	Change Language	It allows you to change the language of the instrument panel, multifunction display, etc.
	Battery Replacement	It allows you to reset the vehicle's battery monitoring system after a replacement. It also allows having the control unit recognise the new battery.

	Brake Pad Replacement	It allows accessing the diagnostic functions related to the replacement of the brake pads.
	Transportation Mode Programming	It allows you to change the status of the vehicle from **Factory Mode** to **Customer Mode**.
	TPMS	It allows you to access a vehicle selection dedicated to the **TPMS Repair** function.
	Driver assistance	It allows intervening on the adaptation and programming of the systems dedicated to the driver's comfort and safety.
	Electric Vehicles	It allows you to carry out analyses and operations on electric motors or the vehicle's charging systems.
	Camera / radar calibration	It allows intervening on the calibration and programming of the vehicle's front and rear cameras.
	Park Assist	It allows intervening on the programming of the parking sensors.

2. Select the special function desired.
3. Carry out a complete selection.
4. Follow the instructions that appear on the screen.

For more information check chapter Auto-diagnosis.

20 TPMS REPAIR

The **Tyre Pressure Monitoring System (TPMS)** is an electronic system that controls the pressure of the air inside the tyres using sensors that constantly communicate with the vehicle's control unit.

Thanks to **TPMS**, the vehicle's control unit is able to supply the driver with a large amount of information, among which a sudden change in the tyre's pressure and autonomy in case of a puncture.

TPMS Repair allows you to:

- *view the data detected by the device on the* **TPMS** *pressure sensors;*
- *programme new* **TPMS** *pressure sensors that will be installed on the tyres of the vehicle being tested.*

TPMS Repair can be launched from various parts of the software:

- **Self-diagnosis;**
- **Vehicle Maintenance;**
- **Special Functions.**

As an example, the procedure for launching **TPMS Repair** from **Special Functions** is described below.

NOTE:

At the end of the selection, you may be requested to select the manufacturing period of the vehicle; this in order to identify the sensor installed on board precisely.

NOTE:

*By launching**TPMS Repair**from the BIKE and TRUCK environments, you cannot test and / or reprogramme aftermarket sensors.*

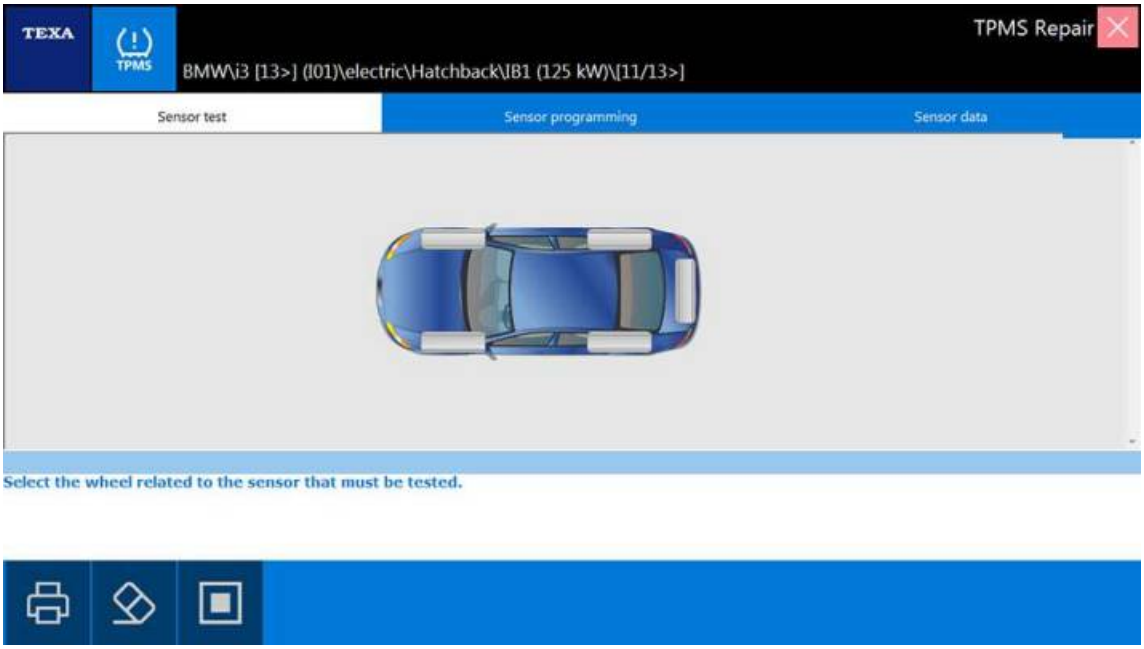
NOTE: TWS

***TEXA Wireless Scan (TWS)**is a function in IDC5 that allows starting the **Sensor Test** function (explained below) without needing to select the vehicle.*

Proceed as follows:

1. Press  .
2. Carry out a complete selection.
3. Press **Tyre Pressure**.
4. Select the **TPMS** function desired.

The main **TPMS Repair** screen is displayed.



The screen is divided into the following pages:

Name	Description
Sensor Test	It allows you to view the data detected by the device on the sensors.
Sensor Programming	It allows you to launch the programming functions of the sensors.
Sensor Data	It allows you to view the general information related to the sensors and to the sensor learning procedures carried out by the vehicle. This function allows you to view the following information: • *OEM sensor data;* • *compatible universal sensors;* • *sensor learning procedures carried out by the vehicle;* • *etc.*

20.1 Sensor Test

In this page you can view the data detected by the device on the sensors.

The software displays the outline of a vehicle in which you may select the tyre that corresponds to the sensor you wish to test.

Proceed as follows:

1. Press **Sensor Test**.
2. Press the desired tyre.
3. Place the device close to the valve of the tyre you selected.

Wait until the communication between the device and the sensor ends.

The test result is displayed.

Icon	Name	Description
	Print	It allows you to print the test result.
	Stop	It allows you to interrupt the test in progress.
	Delete Sensor Reading	It allows you to delete the readings previously carried out.

If the test was successful, the tyre is highlighted in green and the following information is displayed:

- *sensor ID in decimal and hexadecimal format;*
- *pressure of the tyre associated to the sensor;*
- *tyre temperature;*
- *it indicates the status of the sensor's battery;*
- *it indicates the status of the sensor's accelerometer.*

The tyre is highlighted in green only if the sensor supplies the above information correctly.

The values are expressed in the system of measurement selected through the Self-diagnosis Service function.

If the test was not successful, the tyre is highlighted in red and the software requests you to get closer to the sensor and repeat the measurement.

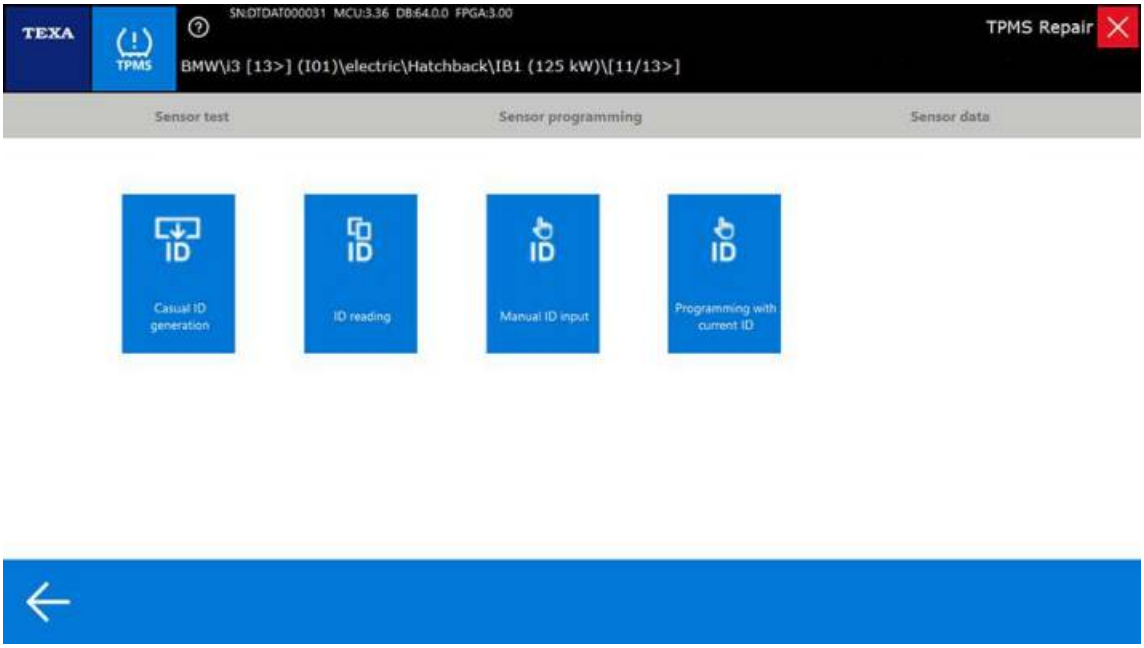
The tyre is highlighted in red even if the sensor does not supply all the information correctly (the software displays the status **not OK**).

20.2 Sensor Programming

In this page you can start the sensor programming functions.

Proceed as follows:

1. Press **Sensor Programming**.
2. Press the desired tyre.
3. Press the desired programming mode.



Icon	Name	Description
	Casual ID Generation	It allows you to program the new sensor using a casual ID created by the software.
	ID reading	It allows you to programme the new sensor using the ID of the sensor that must be replaced.
	Manual ID Input	It allows you to programme the new sensor by entering the ID manually.
	Programming with Current ID	It allows you to programme the new sensor using the ID of a sensor that has been tested with the **Sensor Test**. **This programming mode is available only selecting the tyre that corresponds to a sensor that has already been tested.**

The programming procedures are very similar between them, and guided step by step through messages provided by the software.

As an example, the **Casual ID Generation** programming procedure is described below.

20.2.1 Casual ID Generation

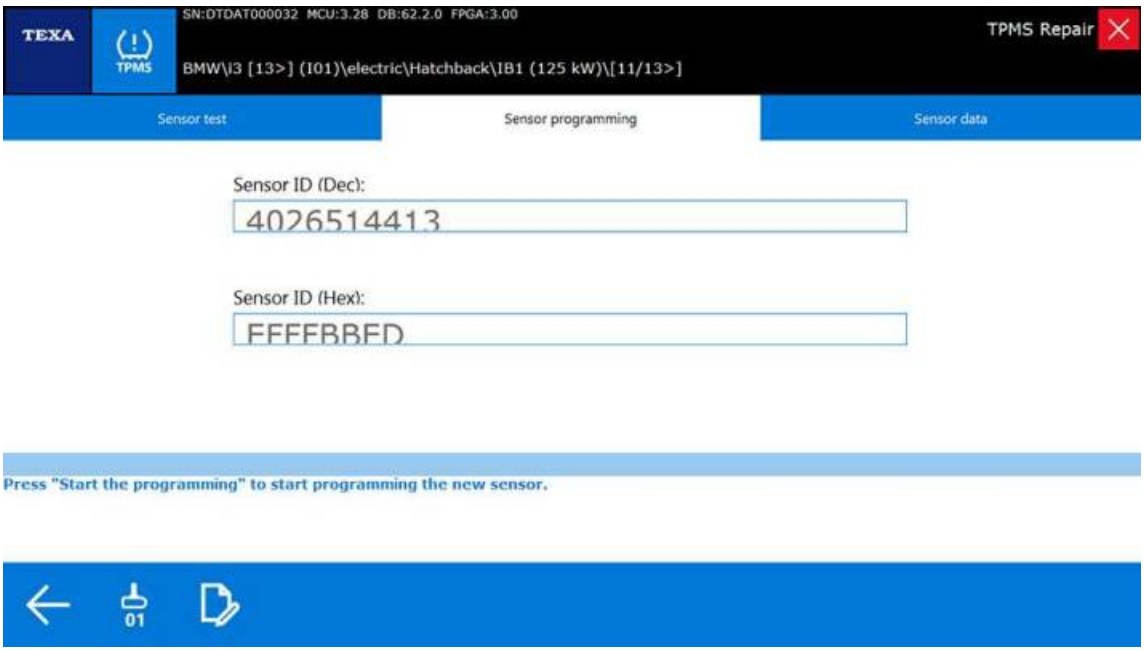
This function allows you to program the new sensor using a casual ID created by the software.

Proceed as follows:

1. Press  .

The software automatically suggests a casual ID.

2. Press  .



Icon	Name	Description
	Start the programming	It allows you to launch the programming procedure.
	Edit ID	It allows you to programme the sensor by entering the ID manually.

3. Place the device close to the sensor that must be programmed.

4. Press in the confirmation message.

5. Select the desired sensor among the ones detected.

The ID of the sensor that must be programmed is printed on the sensor itself.

6. Press .

The programming has been carried out.

The software automatically carries out a test to make sure the programmed sensor works properly.

20.3 *Firmware Update*

This function allows to update TPS Key firmware.

The software automatically notifies the need to update the device in order to continue using **TPMS Repair**.

The function is available only on AXONE 4 and AXONE Nemo.

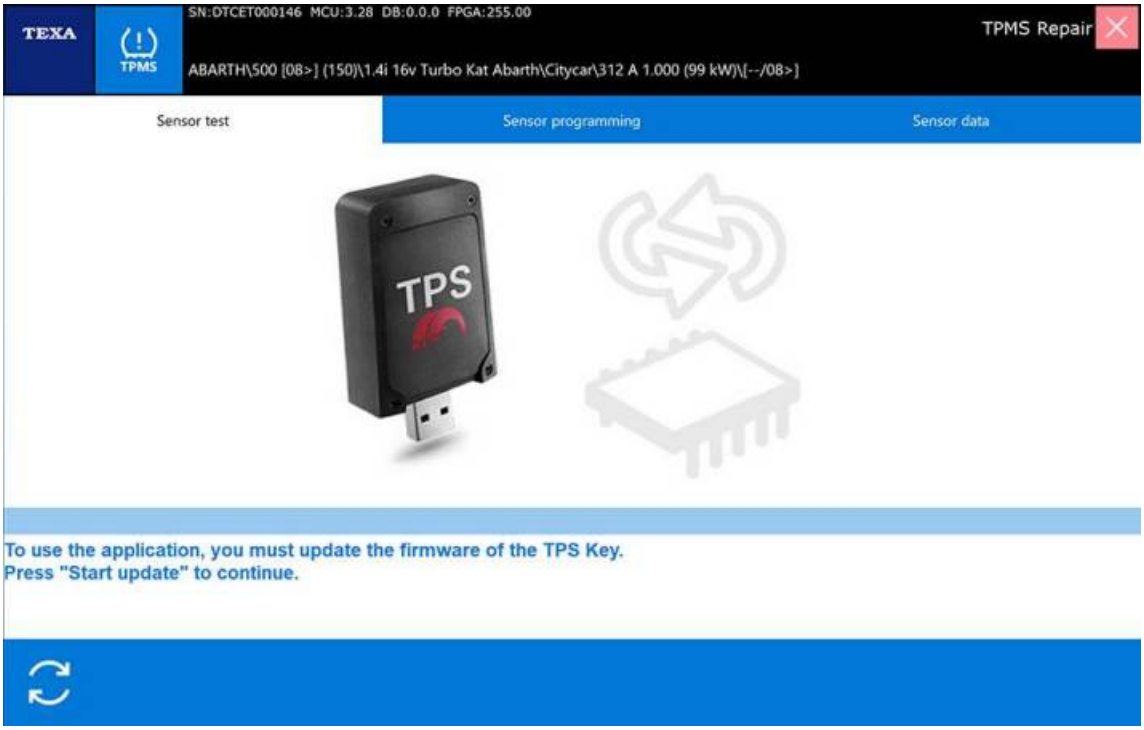
You must have an active Internet connection.

NOTE:

In order to update the TPS firmware, you need to use the TPS Utility software.

Proceed as follows:

1. Press .



Wait for the firmware update to come to an end.

2. Press in the confirmation message.

The firmware of the device is updated.

21 SOLVED PROBLEMS

This function allows to access TEXA S.p.A. central database.

The database contains all the solutions to the problems found on the selected vehicle that have been collected by TEXA S.p.A. international call centers.

Using **Google** technology allows optimizing the search for desired information by inserting research keys such as: **Vehicle** and **System**.

If more fields are filled, the software offers all the results obtained from the crossed search of the inserted keys.

For example: by filling the fields **Vehicle** (ex.: Fiat Punto) and **System** (ex: Petrol injection) the software carries out a crossed search showing all the items related to that specific vehicle as results (ex.: solutions related to problems to the petrol injection system on Fiat Punto).

The function is divided into the following pages:

Name	**Divided into**	**Description**
Solved Problems	Free Search	It allows you to search for a solved problem by entering a free text.
	Guided search	It allows you to search for a solved problem by selecting a vehicle and a system and, if necessary, by entering a free text (cross-search).
Fault Codes	Description Search	It allows you to search for a solved problem by entering a fault code and, if necessary, through a selection that must have been made previously (cross-search).

This function is part of a package that can be purchased separately and requires a specific subscription.

21.1 Guided search

In this page you can search for a solved problem by selecting a vehicle and a system and, if necessary, by entering a free text (cross-search).

Proceed as follows:

1. Make your selection.

2. Press  from the side menu.

The software automatically goes to the **Guided Search** page and sets the selection made in the fields **Vehicle** and **System**.

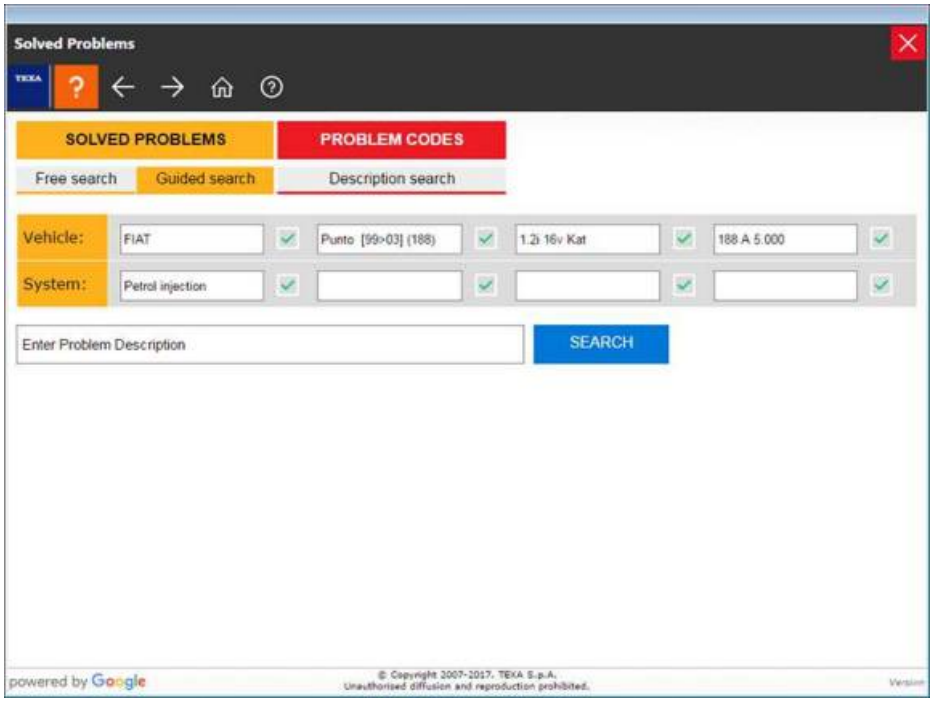
NOTE:

Within this screen it is possible to enter a full text to carry out a cross-search between the selection and the text entered.

NOTE: NAVIGATION MENU

*In the upper part of the screen a**Navigation Menu**is available; it works the same way as the menu described in the **Common Functions*** chapter.

3. Press **Search**.



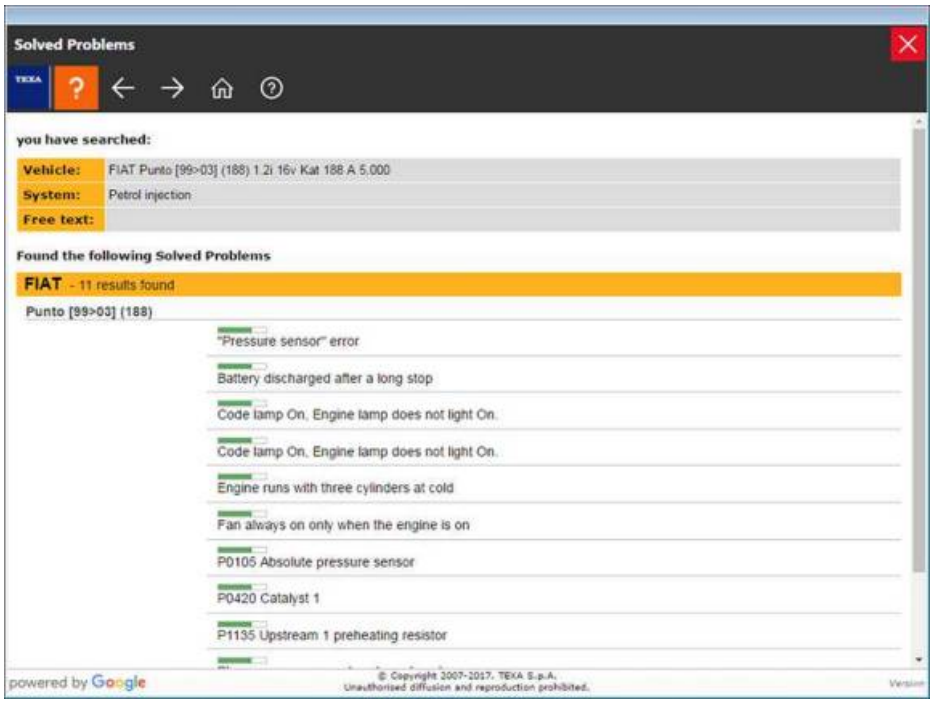
NOTE: SELECTING SEARCH FIELDS

The tick boxes next to the fields containing the vehicle and system data allow you to choose the specific fields that the software must use for the search.

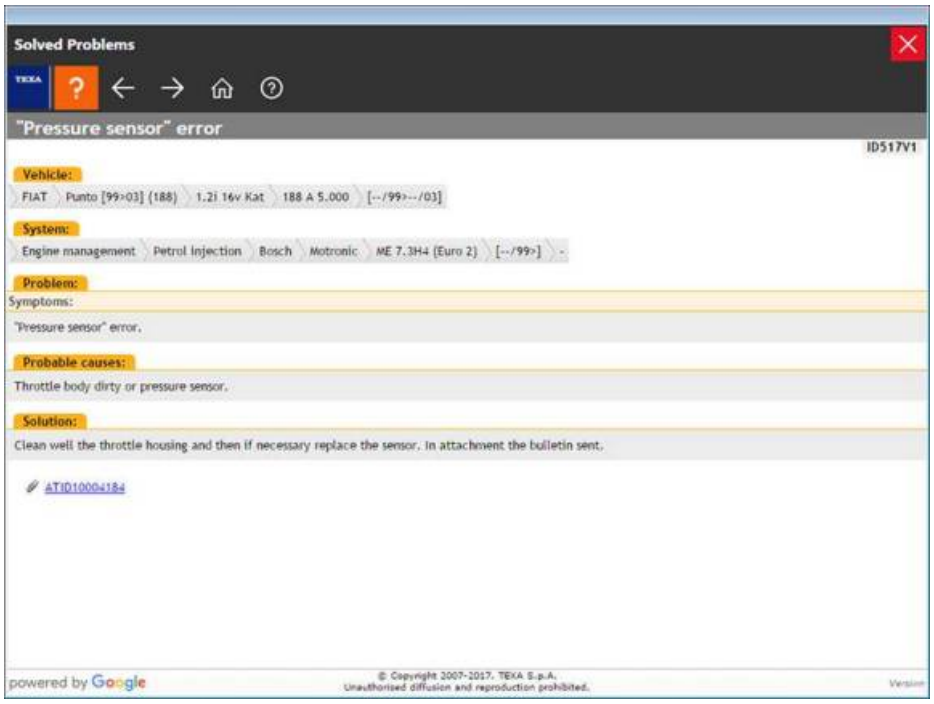
If the box is ticked, the datum inside the corresponding field is used for the search.

If the box is not ticked, and the field is grey, then the datum is not used.

4. Select the result desired.



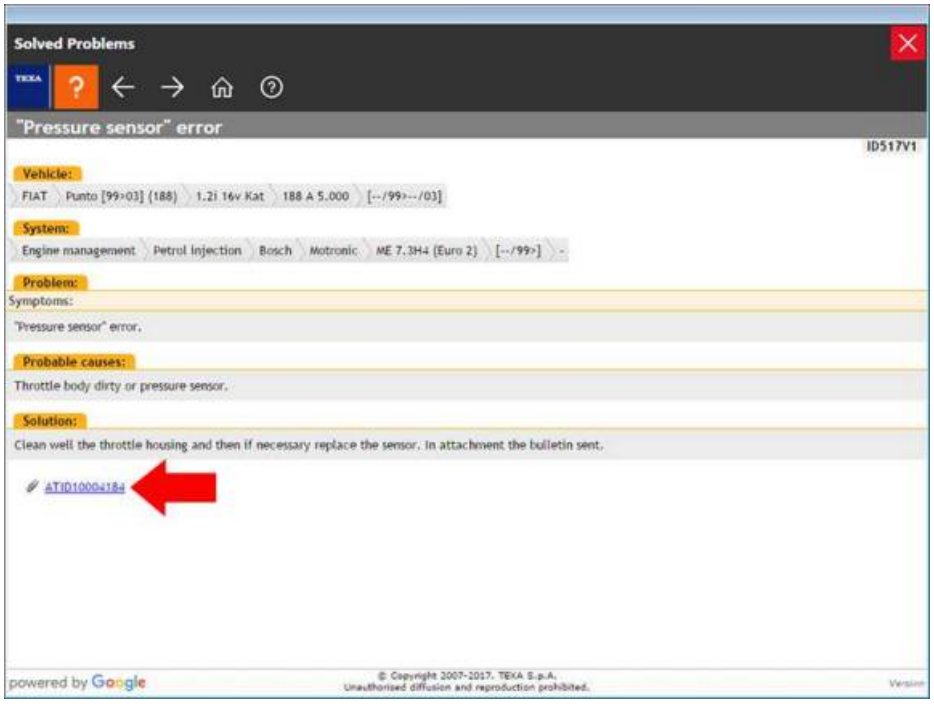
The solved problem's screen is displayed.



<u>NOTE: ATTACHMENTS</u>

Attached to some "repaired fault" screens you will find one or more bulletins giving a detailed description of the solution to the problem.

I. Press the identification code of the attached bulletin.



The bulletin selected is displayed.

21.2 *Free Search*

In this page you can search for a repaired fault by entering a free text.

Proceed as follows:

1. Press **Free Search**.
2. Insert the free text in the specific field.
3. Press **Search**.
4. Select the result desired.

The solved problem's screen is displayed.

21.3 *Description Search*

In this page you can search for a solved problem by entering a fault code and, if necessary, through a selection that must have been made previously (cross-search).

Proceed as follows:

1. Press **Description Search**.
2. Enter the fault code in the specific field.
3. Press **Search**.

NOTE:

By launching the functions ***Solved Problems*** *and* ***Description Search*** *once a selection has been made, it is possible to carry out a cross-search between the selection itself and the fault code entered.*

4. Select the result desired.

The solved problem's screen is displayed.

22 INFO CONNECT

Info Connect allows remote diagnosis connecting to the TEXA Call Center.

The remote diagnosis takes place by connecting the device to the vehicle's OBD socket and to the display unit with the IDC5 software with the Info Connect function enabled installed in it.

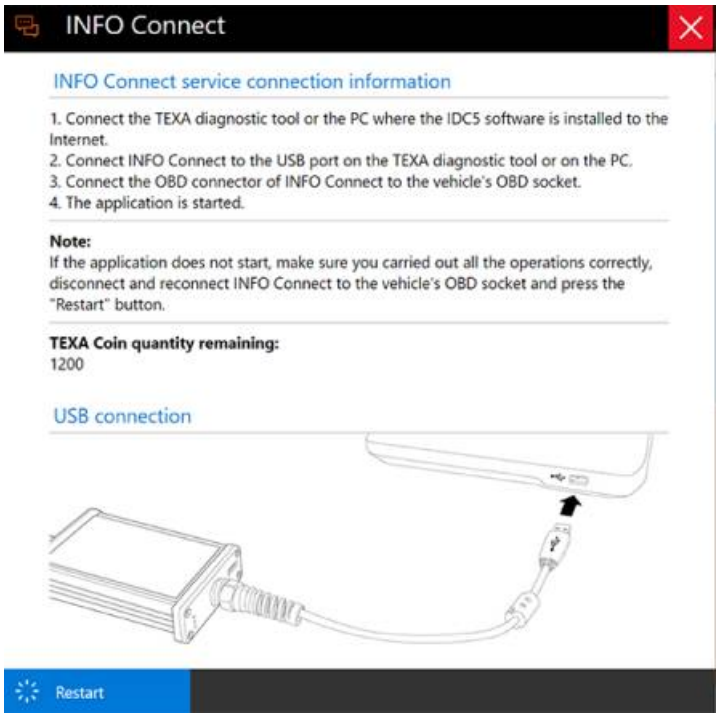
The software, following a series of selections, opens a "direct communication" between an expert at the TEXA Call Center and the vehicle.

Thanks to this connection, the TEXA expert can help the operator complete diagnostic operations that are not yet available in the software update or that my be particularly complex and unusual compared to the activities the workshop normally carries out.

This function is not available for all markets.

1.Press  .

2.Follow the instructions that appear on-screen.

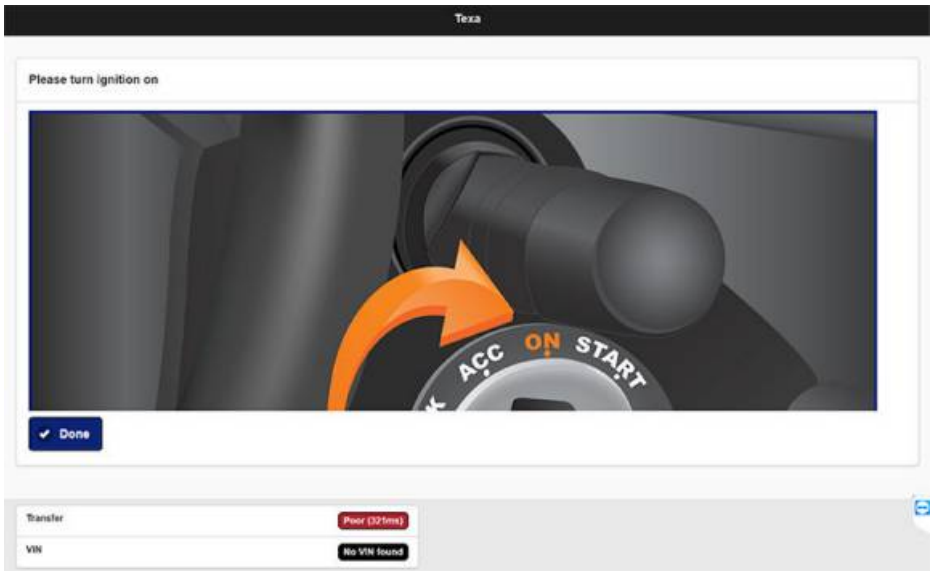


NOTE:

The remote diagnosis requires payment in TEXA Coins.

For further information regarding the payment methods in TEXA Coins contact your retailer.

3.Follow the instructions that appear on-screen.



4.Press 

.

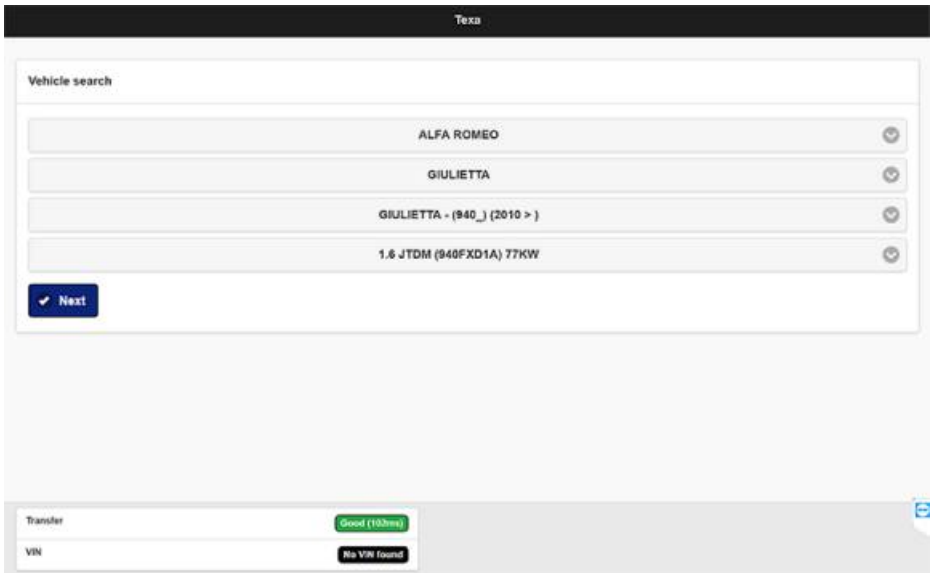
5.Select the vehicle you wish to diagnose by setting:

- *Make*
- *Model*
- *Type*
- *Engine type*

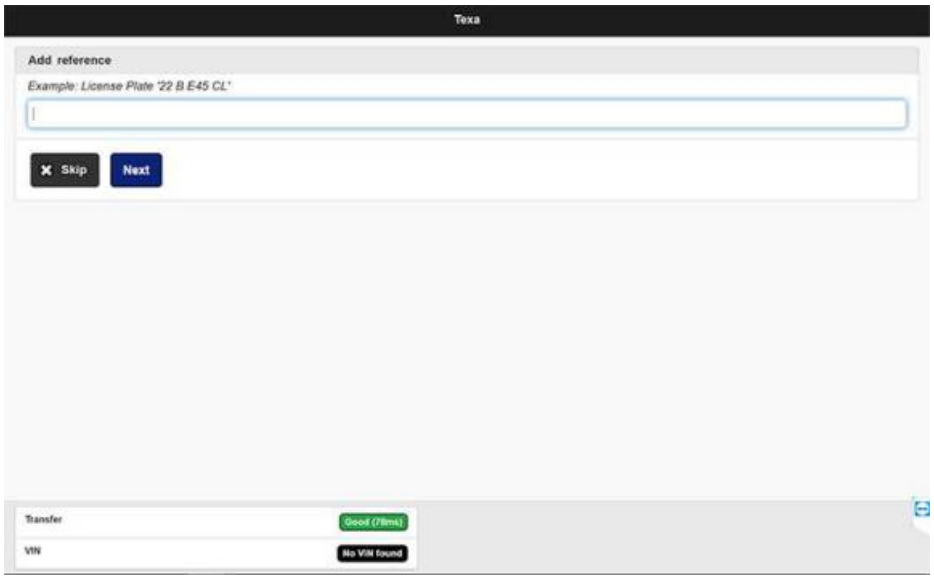
In order to go from one selection level to the next you must first complete the level you are currently in.

6.Press 

.



7.Enter the license plate number of the vehicle for which you are requesting the remote diagnosis.



NOTE:

Entering the license plate number is optional and can be omitted, we however recommend it to be able to trace the operation.

8.Among the listed categories, select the operation you wish to carry out.

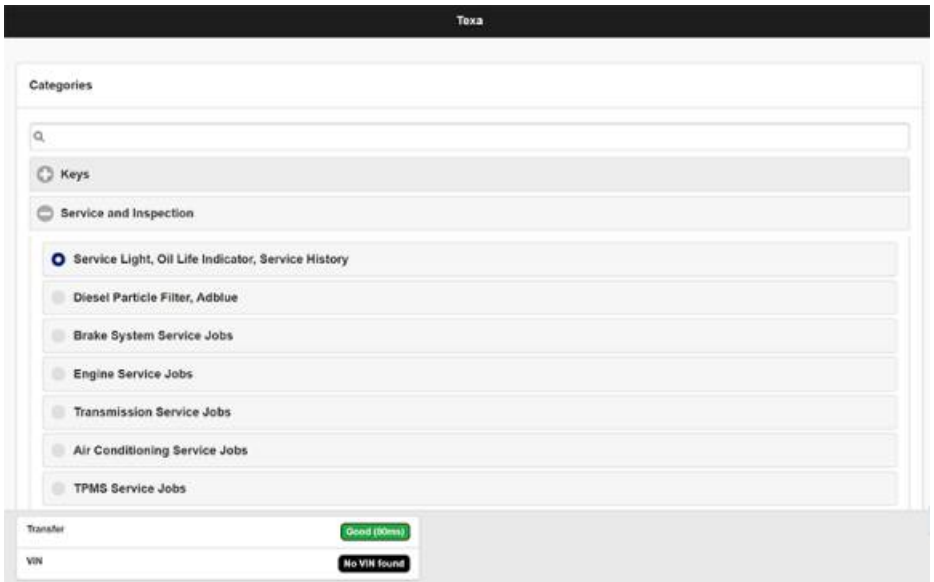
The list appears when the vehicle has been selected correctly.

NOTE:

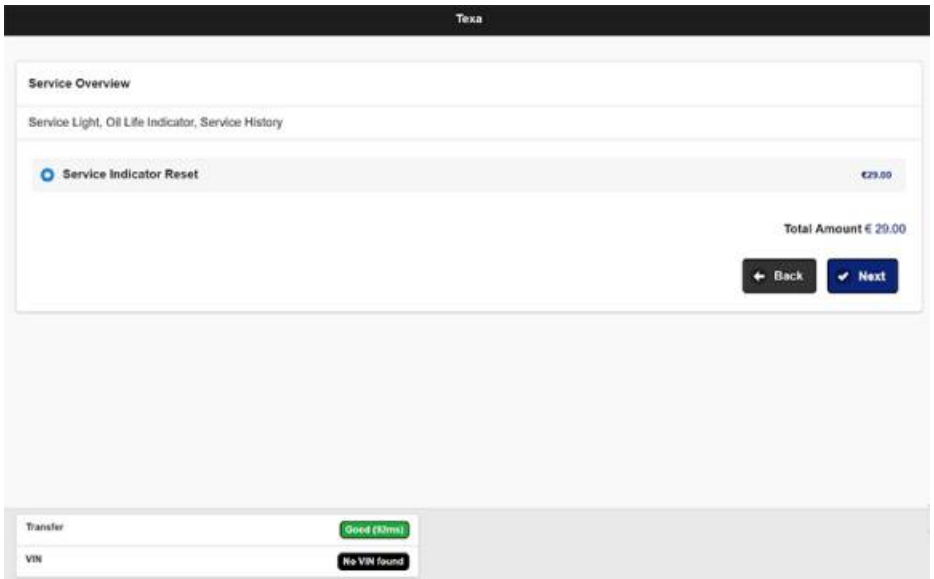
The operations that are available depend on the make and model of the vehicle selected.

9. Press 

.



10.Check the operation selected and related cost.

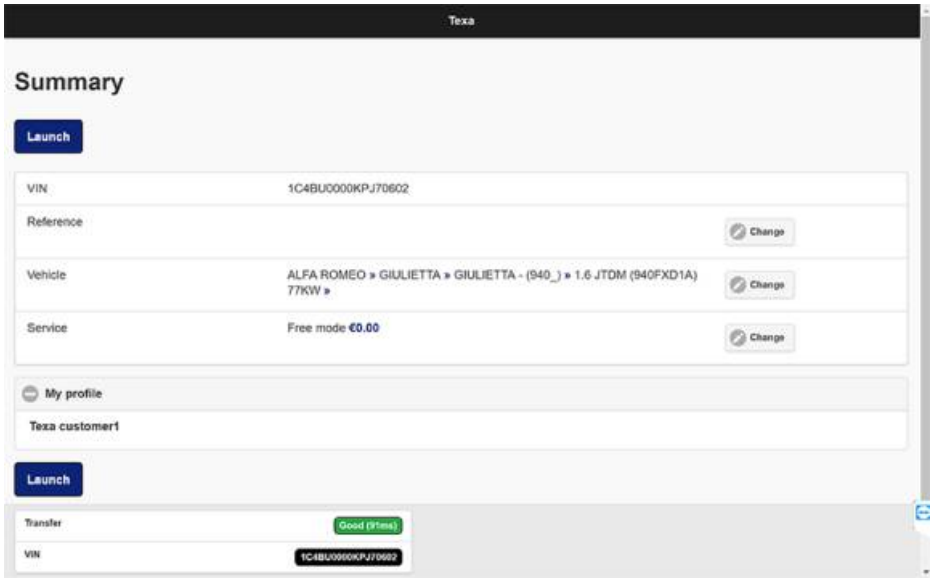


The cost of the operation varies based on the intervention required.

11.Press 

.

The summary screen is displayed.

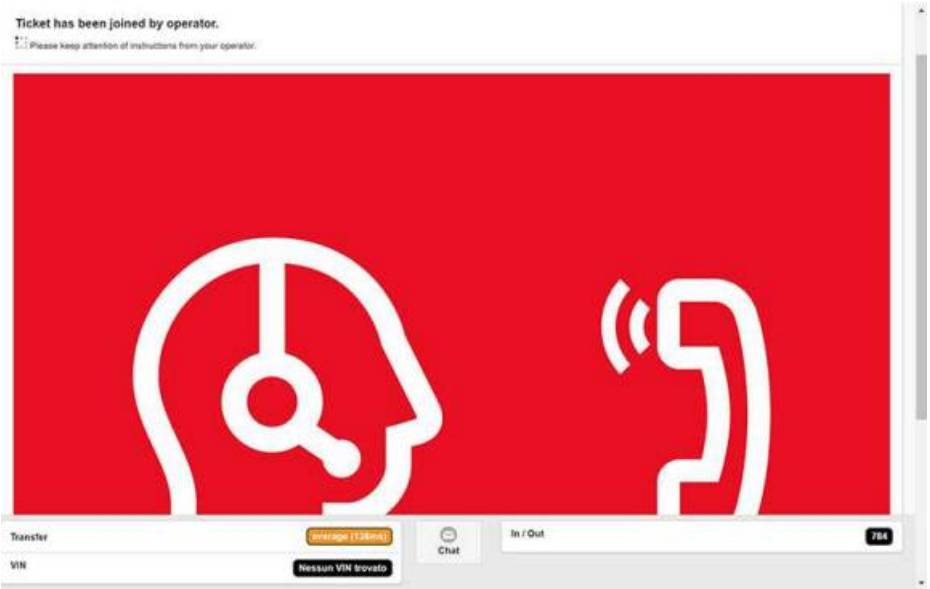


12.Press 

.

The request for remote diagnosis is sent to the TEXA Call Center operator who will then manage it.

When the connection is established, the following screen is displayed:



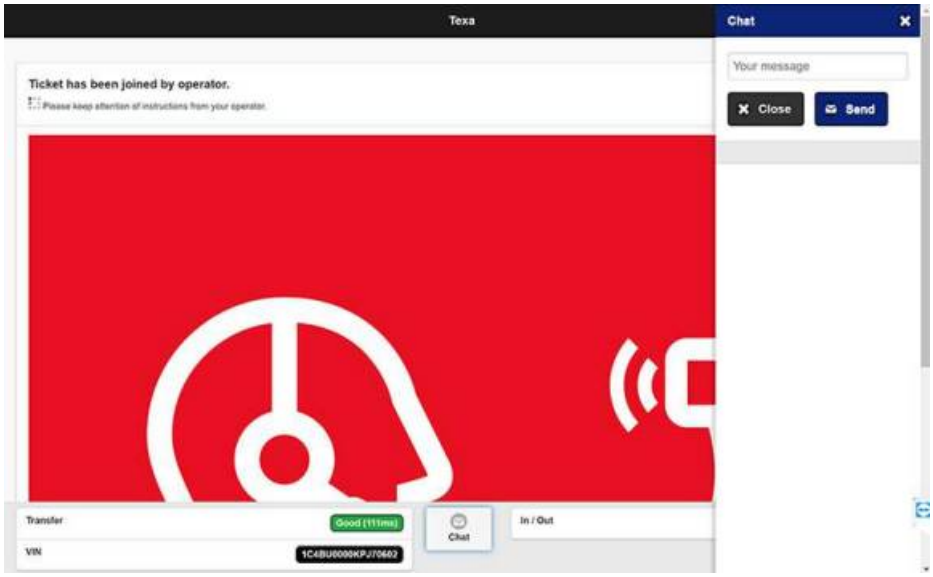
A Chat is available for the customer and the TEXA Call Center operator.

The Chat can be started by both for any type of communication.

13.Press 

.

14.Follow the instructions given by the TEXA Call Center operator (*for example: turn the vehicle's instrument panel on or off*), until the end of the diagnostic operation.



Once the diagnostic operation is complete, the TEXA operator closes the remote connection.

The screen indicating that the connection has been ended is displayed.

A good Internet must be guaranteed for the operation requested to be carried out successfully.

The status of the connection speed in indicated in the *Transfer* field:

- *Green: Good transfer (the operation will most probably be completed);*
- *Yellow: Average transfer (the operation may be interrupted and not be carried out successfully);*
- *Red: Poor transfer (check the coverage of the Internet signal and/or change the settings in order to guarantee an adequate signal).*

⚠	Keep the vehicle's batteries charged during the diagnostic operation. The lack of a battery voltage stabiliser may compromise the outcome of the operation.

23 TEST DRIVES / DYNAMIC TESTS

Test Drives and **Dynamic Tests** allow you to configure the diagnostic device for the recording of parameters, statuses (not for all the selections) and errors detected by the control units of a moving vehicle or boat.

These functions only record the errors that occur when the vehicle is being used and they monitor parameters and statuses in situations that cannot be replicated in a workshop.

These functions differ based on the device that is used.

Device	Description
OBD Matrix	It is a device designed for test drives and has dedicated functions.
NAVIGATOR TXT	They are diagnostic devices enabled to record, function that must be launched from the **Self-diagnosis Parameters** section.
NAVIGATOR TXB EVOLUTION	

NOTICE

The recorded data is organised in trips.

The recording of a trip starts when:

- *the device is connected to the diagnostic socket and the key is in the run position;*
- *the device is connected to the diagnostic socket and the vehicle is ready to be started, with or without electronic key.*

The recording of a trip ends when the vehicle's instrument panel is turned off or after 8 consecutive hours of recording.

After 8 hours, the device emits an audible warning signal.

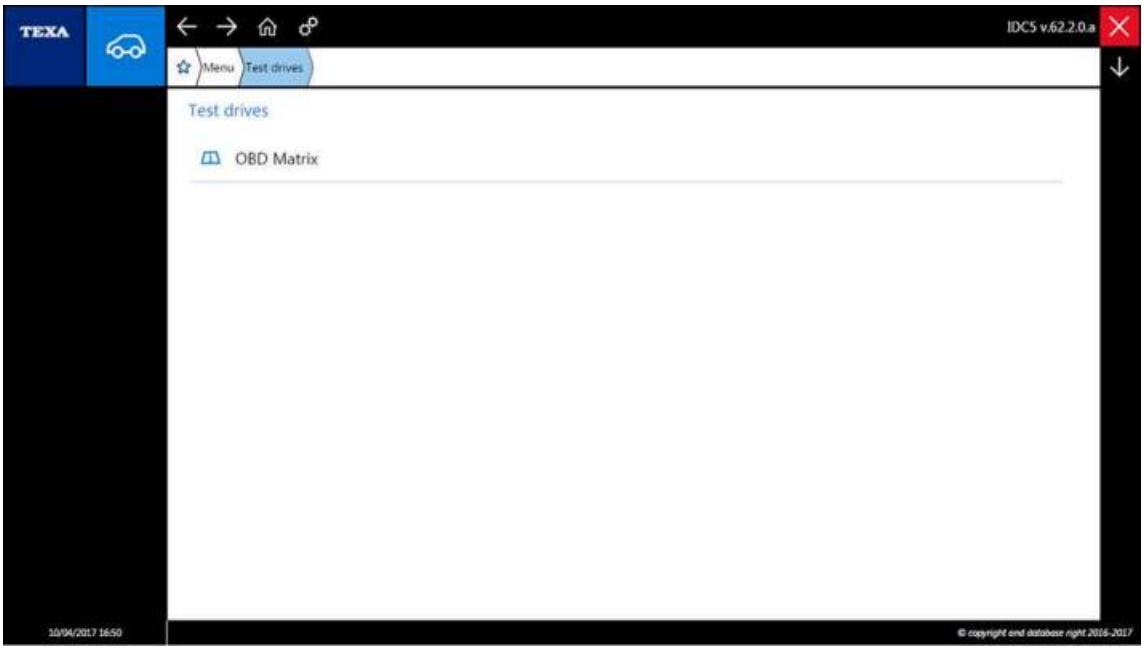
You must disconnect and reconnect it to the diagnostic socket in order to re-enable the recording mode.

23.1 Test Drives

This function allows you to carry out **Test Drives** through the dedicated devices.

Proceed as follows:

1. Press  .
2. Select the desired function.



Icon	Name	Description
	OBD Matrix	It allows you to carry out **Test Drives** through OBD Matrix.

23.1.1 OBD Matrix configuration

Before recording, the device must be configured for the test drive.

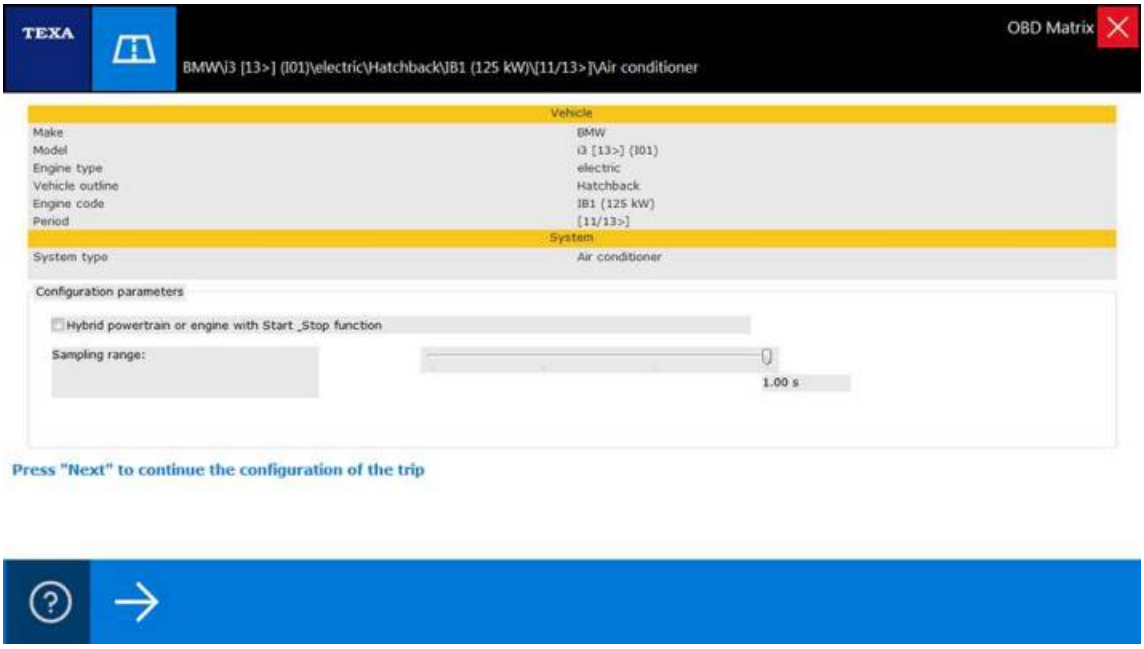
Proceed as follows:

1. Carry out a complete vehicle selection.

The summary screen of the selection made is displayed.

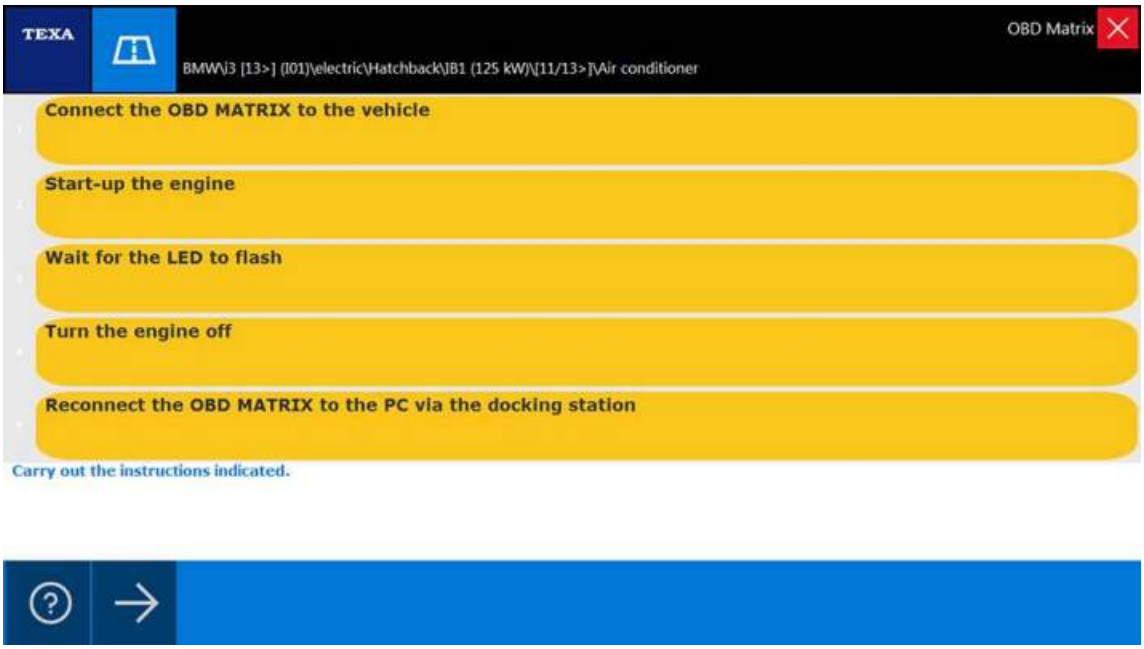
This screen allows you to specify if the vehicle is a hybrid or if it is equipped with the Start/Stop function and allows you to select the sampling frequency.

2. Press  .



Icon	Name	Description
	Self-Diagnosis Help	It allows you to view an information sheet describing how to use the particular self-diagnostic functions and resources related to the selected system.
	Next	Allows you to continue the configuration of the trip.

3. Follow the information that appear on screen.



Once you have reconnected the device to the PC, the software displays the list of parameters and statuses that can be monitored.

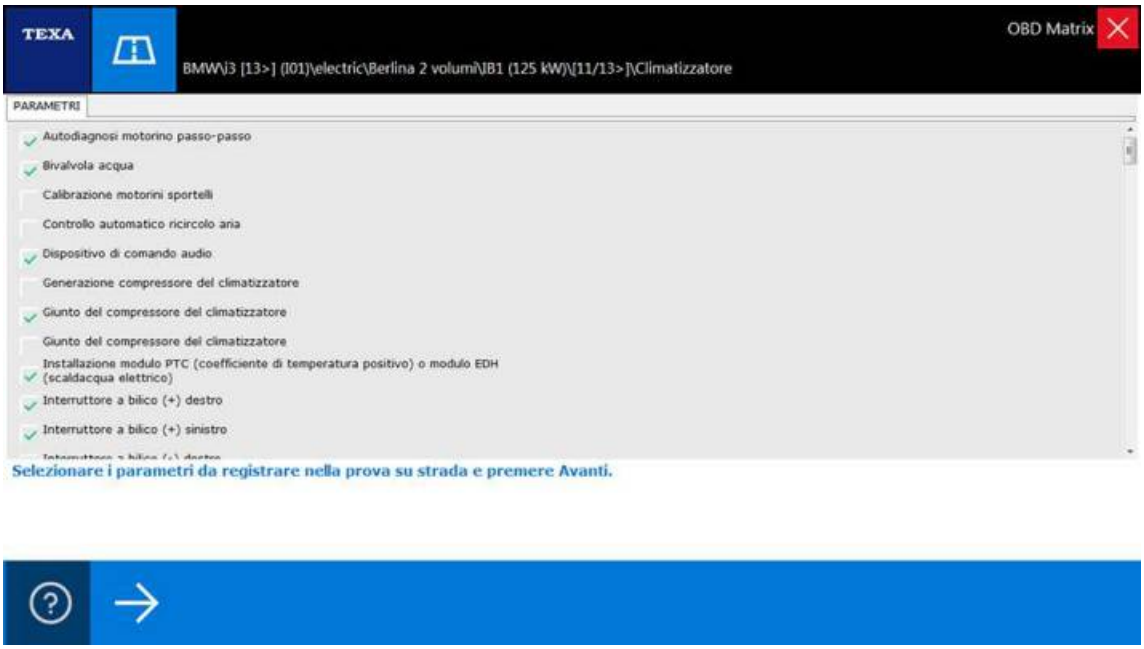
INFORMATION

The parameters and the statuses that can be monitored depend on the selection made.

Parameters and statuses cannot be monitored simultaneously.

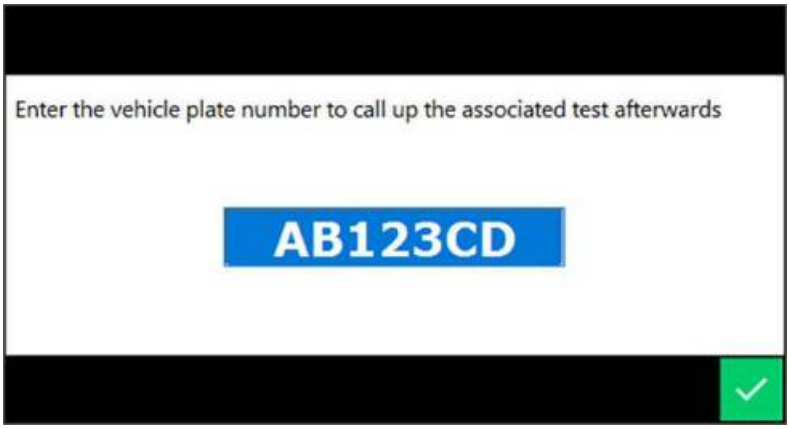
4. Select the desired parameters or statuses.

5. Press  .



6. Enter the license plate number when requested.

7. Press .



8. Connect the device to the vehicle's OBD socket.

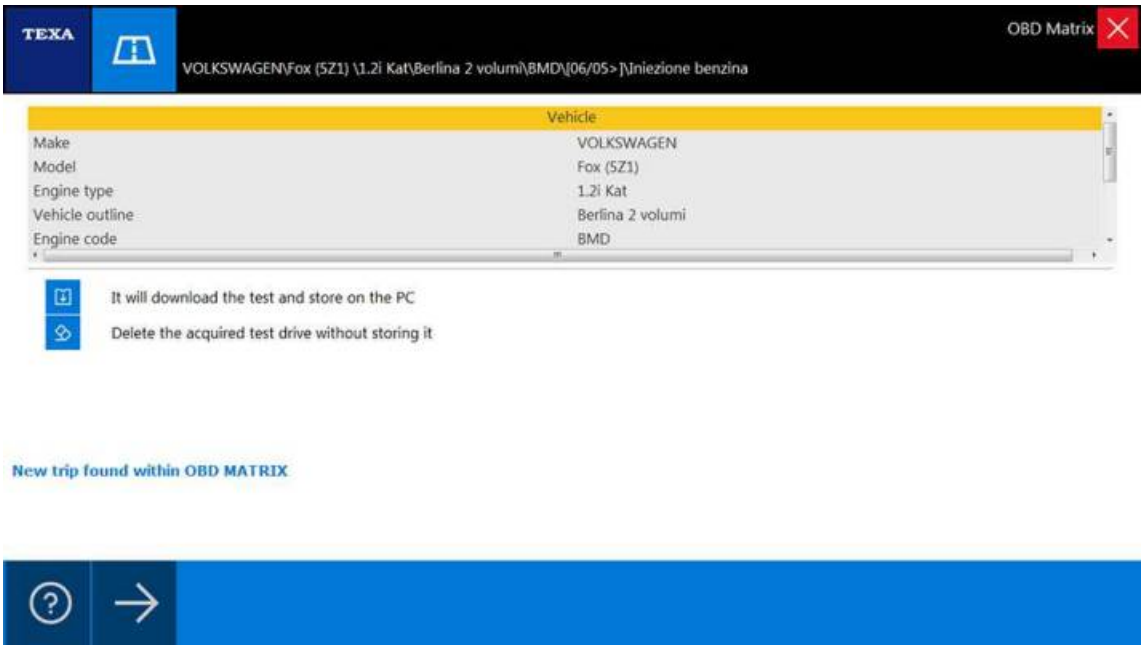
The device is ready to start recording the selected parameters / statuses.

INFORMATION *Stay focused on driving during the Test Drives / Dynamic Tests.*

23.1.2 Trip Viewing Procedure

Once you have reconnected the device to the PC, the following screen is automatically displayed.

INFORMATION *If it was closed, launch the software before connecting the device.*



Icon	Name	Description
	Download	It allows you to download the trips from the device and save them into **Customer Management** or export them to the PC.

	Delete	It allows you to delete the trips without saving them on the PC.

TRIP DOWNLOAD

This function allows you to download the trips from the device and save them into **Customer Management** or export them to the PC.

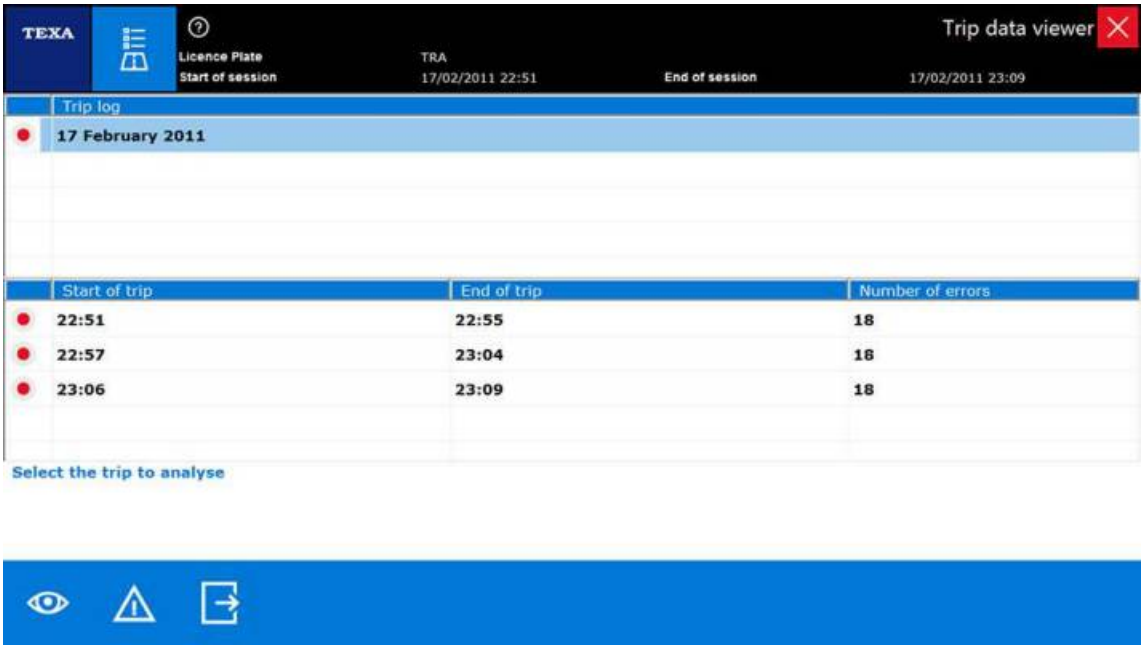
Proceed as follows:

1. Press .

Wait for the trips to be processed.

2. Press in the confirmation message.

The screen with the trips is displayed.



Icon	Name	Description
	View Trip	Allows you to view the selected trip.
	Error Information	Allows you to view the errors that have been detected during the recording.
	Export data	It allows you to save a report of the selected trip in CSV * format on your PC.

(*) Comma-separated values (abbreviated to CSV) is a file format based on text files used for importing and exporting (for example from spreadsheets or databases) a data chart.

This file can be opened by programs like Microsoft Excel.

TRIP VIEWING

This function allows you to view the trips carried out.

Proceed as follows:

1. Select the date in which the desired trip has been carried out.
2. Select the desired trip.

The LED next to the trip indicates, according to the colour, if errors have or have not been detected.

LED	Description
	The device did not detect errors during the performed trips.
	The device has detected at least one error during one of the performed trips.

3. Press .

The diagram with the recorded parameters / statuses is displayed.

Icon	Name	Description
/	Play / Stop	It allows you to start / stop the dynamic display of the diagrams (as if they were videos).
	Previous Trip	Allows you to view the previous trip.
	Next Trip	Allows you to view the next trip.
	Print	Allows you to print the graph.

The cursors allow you to do the following:

+ / - : To increase or decrease the portion of the plot that is being displayed.

< - > : To scroll the plot.

< | > : To position the reference line on any specific point of the plot in order to read the current value of the parameter of interest.

ERROR INFORMATION

This function allows you to view the errors detected during the recording.

Proceed as follows:

1. Select the date in which the desired trip has been carried out.
2. Select the desired trip.
3. Press .

The detected errors are displayed.

Icon	Name	Description
	Information	It allows you to view a help screen related to the error.

4. In the drop-down menu you can see the error status and the date and time of detection.

23.2 Dynamic Tests

This function allows you to start recording parameters and errors through NAVIGATOR TXT or NAVIGATOR TXB EVOLUTION.

The recording mode can only be launched after creating or choosing a group of **favourite parameters**.

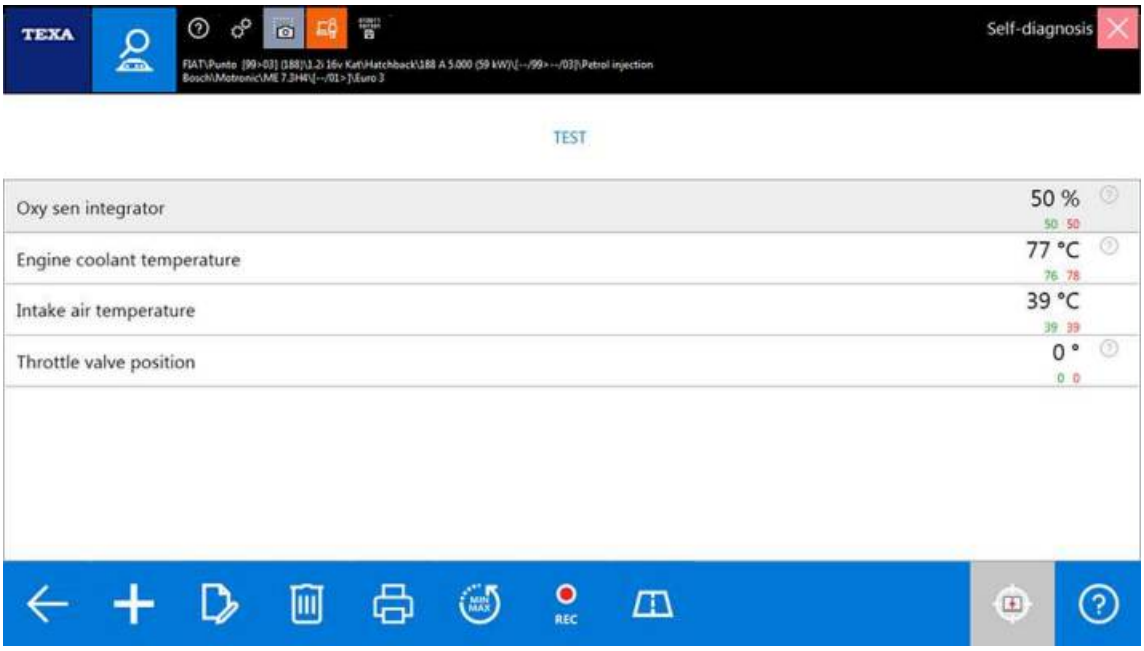
The parameters recorded during the test are the same as the ones selected in the group of **favourites** that was created or chosen.

An example of a possible use is the following:

1. *The mechanic configures the device for the recording and returns the vehicle to the customer.*
2. *The customer drives the vehicle for a set period of time and then returns to the workshop.*
3. *The mechanic consults the recordings and, thanks to the information that was acquired, repairs accordingly.*

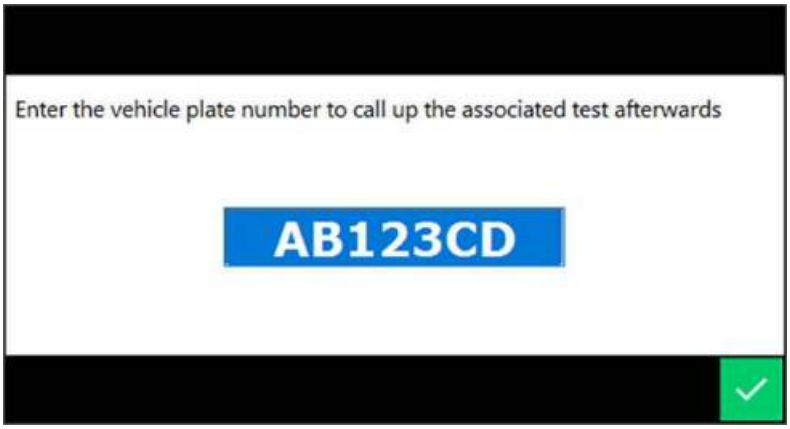
Proceed as follows:

1. Access the **Parameters** section of the **Self-diagnosis**.
2. Create or choose a group of **favourite parameters**.
3. Press  .

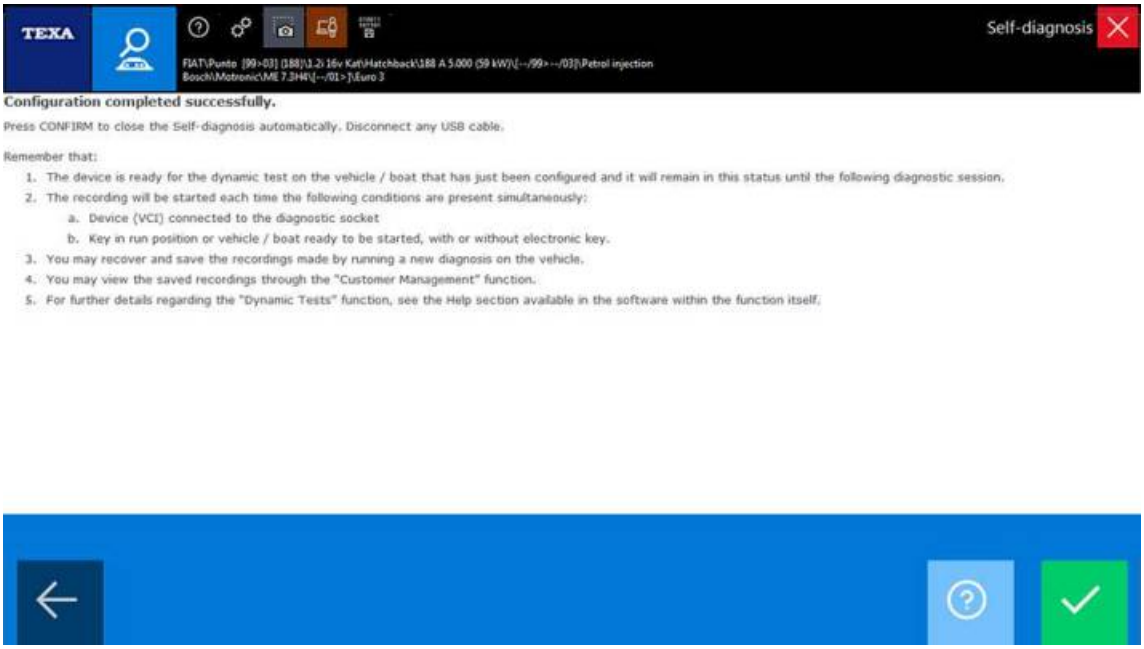


The software warns the uses that the device configuration procedure is starting.

4. Press ✓.
5. Carefully read and accept the disclaimer (once it is accepted, it will no longer appear).
6. Press ✓.
7. Enter the license plate number when requested.
8. Press ✓.



9. Follow the on-screen indication.
10. Press ✓.



11. Disconnect any USB cable that connects the device to the PC.

The device restarts in order to end the configuration procedure.

At the end of the device configuration procedure, the diagnosis closes automatically and you may start the test with the vehicle moving.

The flash of the device's green LED confirms that the data recording was successful.

CAUTION

Be sure to position the device and the cable so that they do not compromise safe driving nor the driver's safety.

In particular, do not place the device in the airbag expansion areas.

For more information consult the technical manual of the device.

The device continues recording the data until a new diagnosis is launched (or any other software activity that involves the device).

If the communication with the control unit is missing for more than one hour (fixed green LED), the device goes into standby mode and emits a warning sound.

You must disconnect it and reconnect it to the diagnostic socket in order to re-enable the recording mode.

12. At the end of the recording, the software allows you to save the recordings in **Customer Management** and to delete them from the device's memory or to exit from the diagnosis.

13. Press ✓.

INFORMATION

The trip display function is similar to the function explained in the Test Drives chapter.

Using NAVIGATOR TXT you cannot view the date and time of the trips made.

24 MULTIMETER

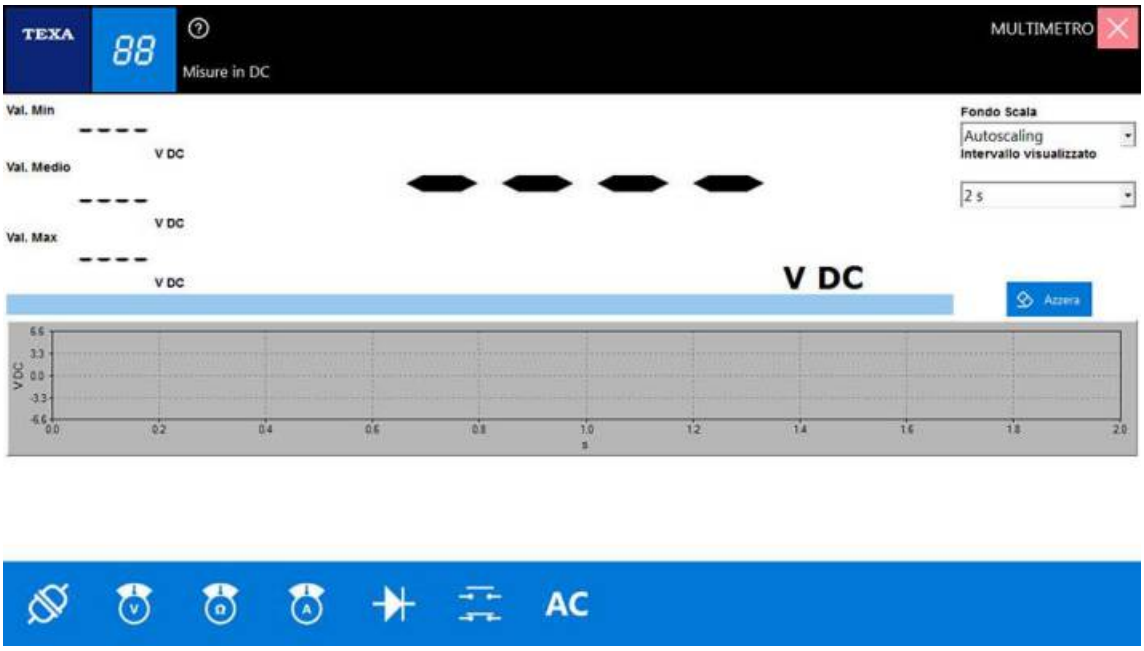
This function allows to carry out voltage measurements, current, diode test and short-circuit search.

Proceed as follows:

1. Press  .

The main screen of **Multimeter** is displayed.

2. Press  .



Icon	Name	Description
 / 	Connect / Disconnect	It allows you to connect the software to the device and start the measurement.
	Voltmeter	Allows to carry out voltage measurements.
	Ohmmeter	Allows to carry out resistance measurements.
	Ampmeter	Allows to carry out current measurements.

	Diode Test	Allows to verify the diodes bias. If the diode is directly polarised the software supplies the diode polarisation voltage. If the diode is inversely polarised the software indicates OVL (overload).
	Short Circuit Check	Allows to verify the presence of a short-circuit. The software indicates the absence of a short-circuit indicating OVL (overload) whereas when short-circuit is present it indicates the resistance value.
AC / DC	AC / DC	Allows to set the current type that is going to be measured (alternate or direct). The type of current can only be changed from the **Voltmeter** and **Ammeter** functions.
	Reset	Allows you to clear the graph.

The measurement functions operate similarly.

As an example, the explanation of the **Voltmeter** function is provided below.

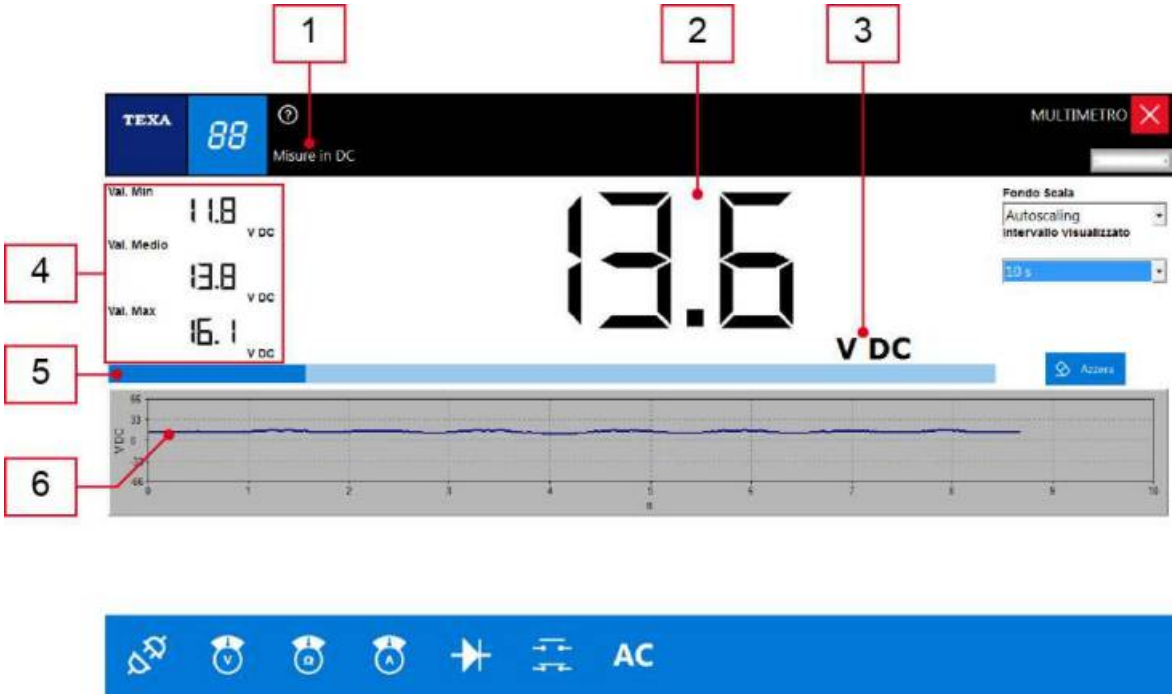
24.1 Voltmeter

This function allows to carry out voltage measurements.

Proceed as follows:

1. Press  .

The measuring process has been started.



The screen provides the following information:

1. *indicator of the type of current;*
2. *instantaneous voltage detected;*
3. *indicator of the unit of measurement and type of current;*
4. *voltage indicators:*
   - *minimum voltage detected;*
   - *average voltage detected;*
   - *maximum voltage detected;*
5. *scale level indicator *;*
6. *graph of the voltage detected over time;*

(*) This bar is useful to prevent the measurement from going out of range.

Using the drop-down menus on the right side of the screen you can change the **Full Scale** and **Interval Displayed**.

Items available in the **Full Scale** menu:

- *±6 V scale.*
- *±60 V scale.*
- *±400 V scale.*
- *Autoscaling.*

In **Autoscaling** mode the software automatically sets the most proper scale between those available.

The items available in the **Interval Displayed** menu cover the range between 0.25 s and 10000 s.

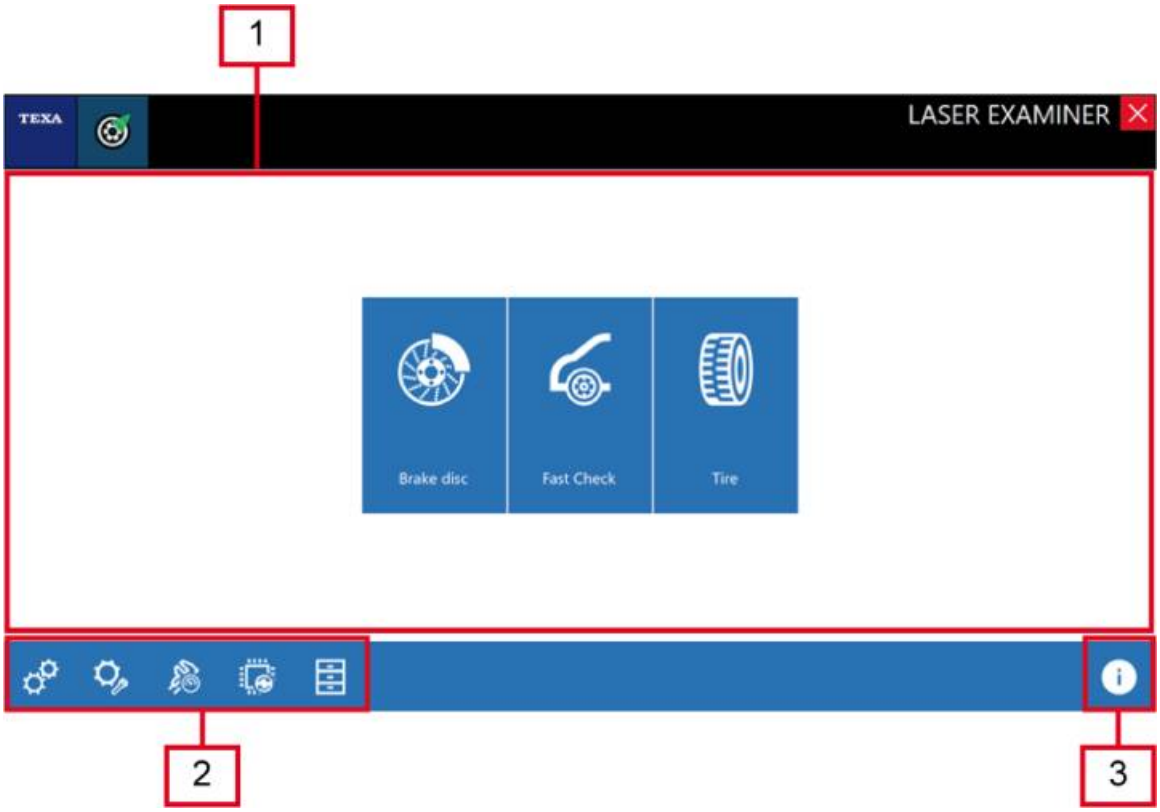
25 TDS

TDS is a software that allows carrying out an analysis on a vehicle's brake disc and tyre tread wear easily and professionally, by means of a specific measuring tool.

For further information, see the tool's technical manual.

The screen below is the software **HOME** screen.

The **HOME** screen allows you to launch all the functions available in the software.



The screen is divided into:

1. *functions menu (operation explained in the* **Functions** *chapter);*
2. *settings menu (operation explained in the* **Settings** *chapter);*
3. *information on the installed software and measuring tool used.*

Before starting to use the software:

1.Configure the parameters correctly in the *Settings* menu.

The *Settings* screen appears automatically when the software is launched for the first time.

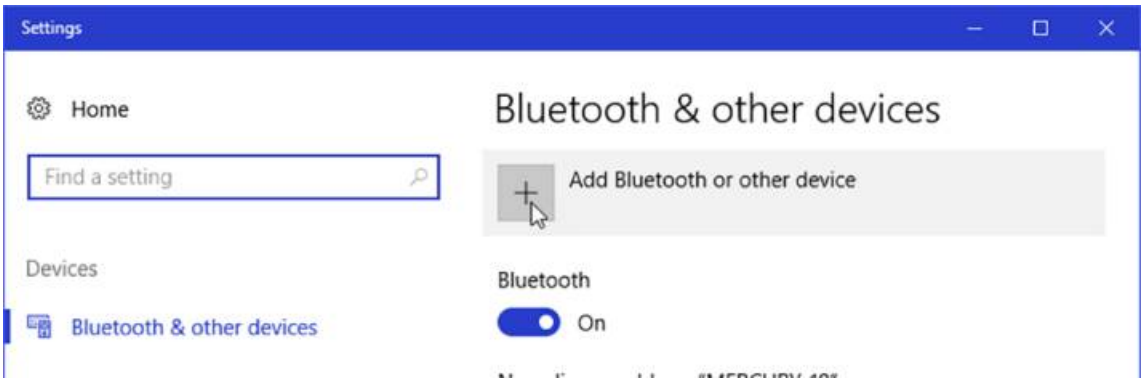
For further information see the related chapter.

2.Check the tool's battery charge.

Recharge the tool if necessary.

For further information on the charging times, see the tool's technical manual.

3.Make sure the Bluetooth communication is enabled on the display unit.



25.1 *Functions menu*

The icons within this menu allow you to access the available functions.

Icon	Name	Description
	Brake disc	It allows you to measure the wear of the brake discs on a vehicle.
	Fast Check	It allows you to measure the brake disc wear and the tread depth on a vehicle's tyres in sequence.
	Tire	It allows you to measure the tread depth on a vehicle's tyres.

25.1.1 Brake disc

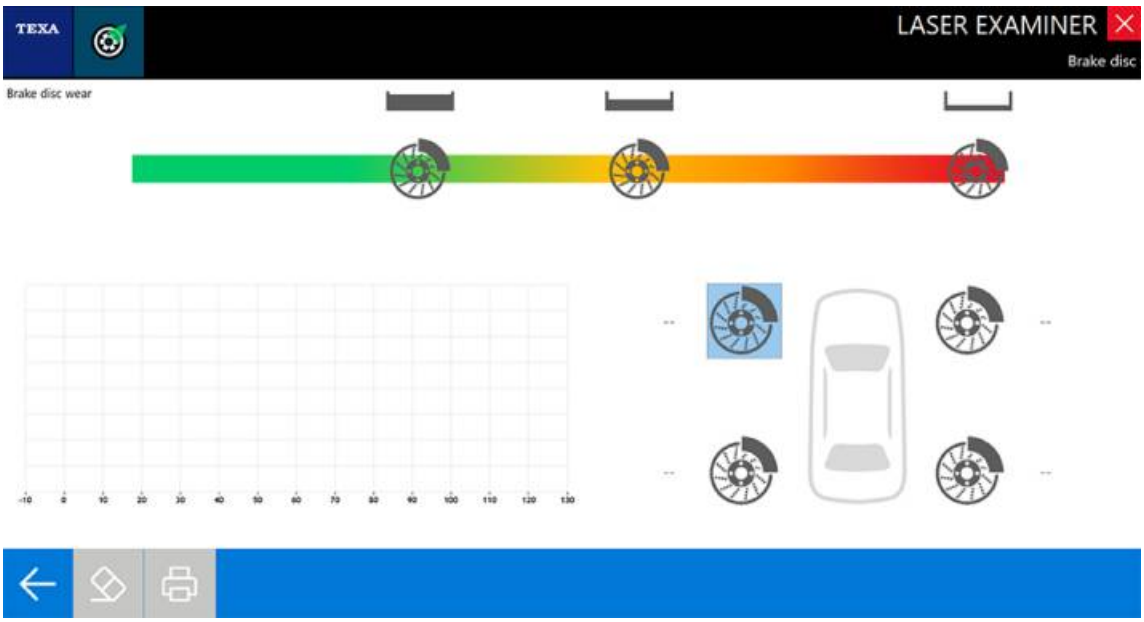
This function allows you to measure the wear of the brake discs on a vehicle.

Proceed as follows:

1.Turn on the tool.

2.Press 

The software displays a vehicle outline where the brake disc that is expected to be measured is highlighted.



3.Position the tool on the brake disc as indicated in the technical manual.

4.Press the tool's power button to activate the laser.

5.Make sure there is not a wheel spoke in between the laser beam and the brake disc.

6.Direct the tool so that the laser beam is as aligned as possible with the centre of the brake disc.

7.Press the tool's power button to activate the micro-camera.

After the activation of the micro-camera, a beep indicates that the reading has been performed.

A second beep confirms that the data has been sent to the software correctly.

8.Proceed with the measurement on the other brake discs.

The test result is displayed.

Icon	Name	Description
	Back	It allows you to return to the previous page. This function is the same as the function available in any web browser.
	Erase	It allows you to erase a measurement in order to repeat it.
	Save	It allows you to save the entered data.

The measurement result is displayed graphically and the brake discs are highlighted with a colour that indicates:

	Brake disc wear not detected or waiting for measurement.
	The brake disc wear is within the limits entered in the *Settings* menu.
	The brake disc wear is close to the limit entered in the *Settings* menu.
	The brake disc wear does not respect the limit entered in the *Settings* menu. **We recommend replacing the brake disc.**

25.1.2 Fast Check

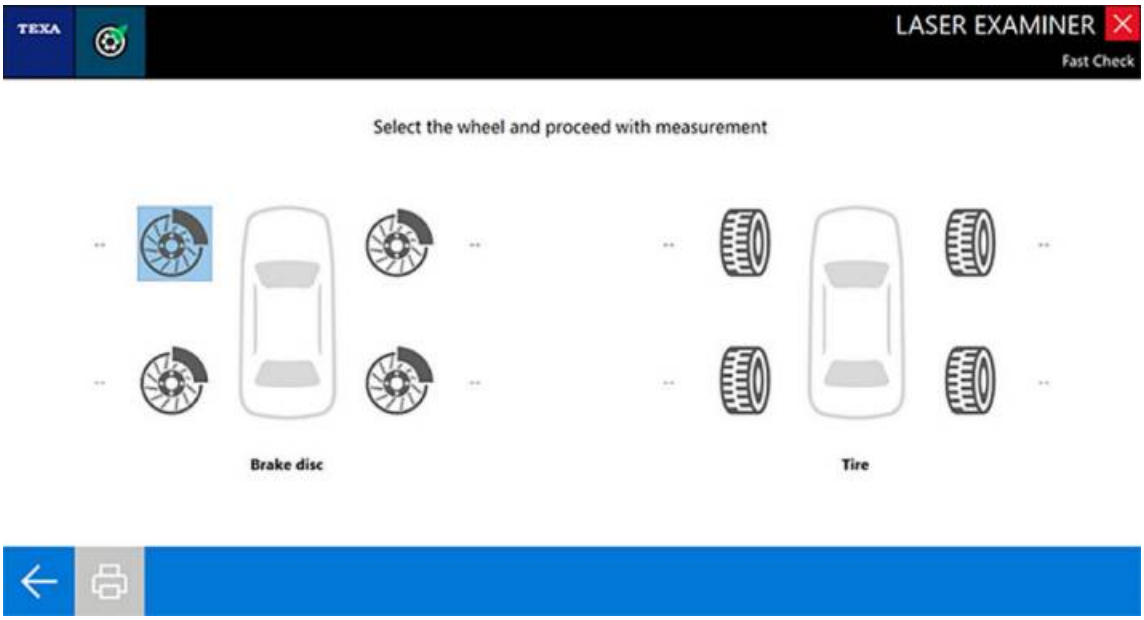
This function allows you to measure the brake disc wear and the tread depth on a vehicle's tyres in sequence.

Proceed as follows:

1.Turn on the tool.

2.Press 

The software displays a vehicle outline where the brake disc that is expected to be measured is highlighted.



3.Position the tool on the brake disc as indicated in the technical manual.

4.Press the tool's power button to activate the laser.

5.Press the power button to activate the micro-camera.

After the activation of the micro-camera, a beep indicates that the reading has been performed.

A second beep confirms that the data has been sent to the software correctly.

6.Proceed with the measurement on the other brake discs.

7.Insert the tool's magnet into the specific housing on the adapter.

8.Position the tool on the tyre as indicated in the technical manual.

9.Press the tool's power button to activate the laser.

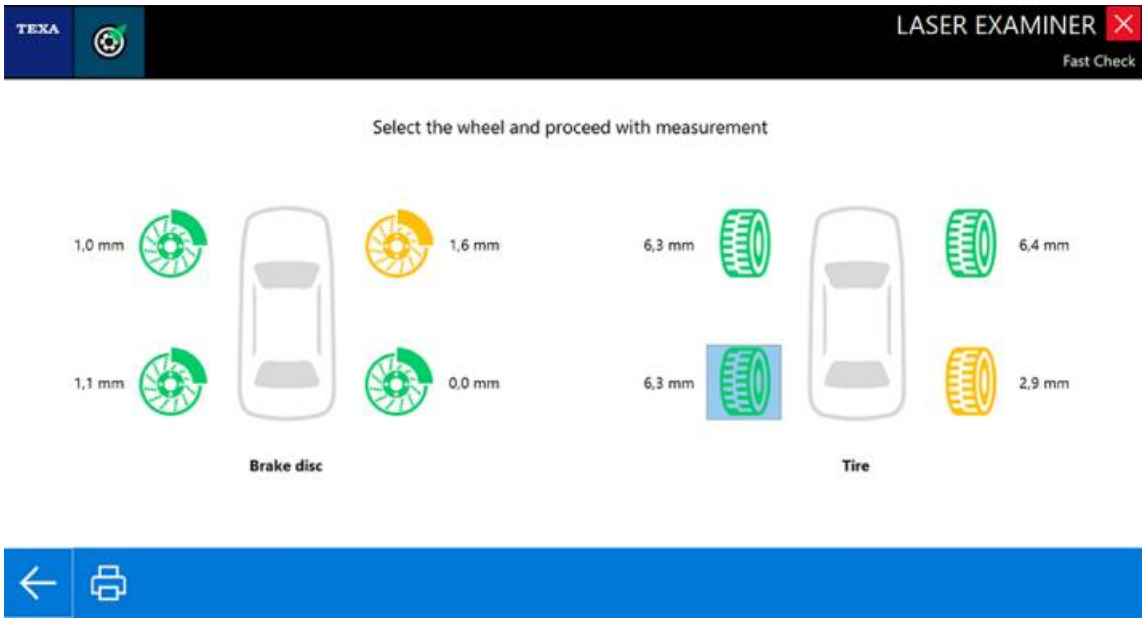
10.Press the power button to activate the micro-camera.

After the activation of the micro-camera, a beep indicates that the reading has been performed.

A second beep confirms that the data has been sent to the software correctly.

11.Proceed with the measurement on the other tyre treads.

The test result is displayed.



Icon	Name	Description
	Back	It allows you to return to the previous page. This function is the same as the function available in any web browser.
	Print	It allows you to print the report.

The measurement result is displayed graphically and the brake discs / tyres are highlighted with a colour that indicates:

		Brake disc / tyre wear not detected or waiting for measurement.
		The brake disc / tyre wear is within the limits entered in the *Settings* menu.
		The brake disc / tyre wear is close to the limit entered in the *Settings* menu.
		The brake disc / tyre wear does not respect the limit entered in the *Settings* menu. **We recommend replacing the brake disc / tyre.**

25.1.3 Tire

This function allows you to measure the tread depth on a vehicle's tyres.

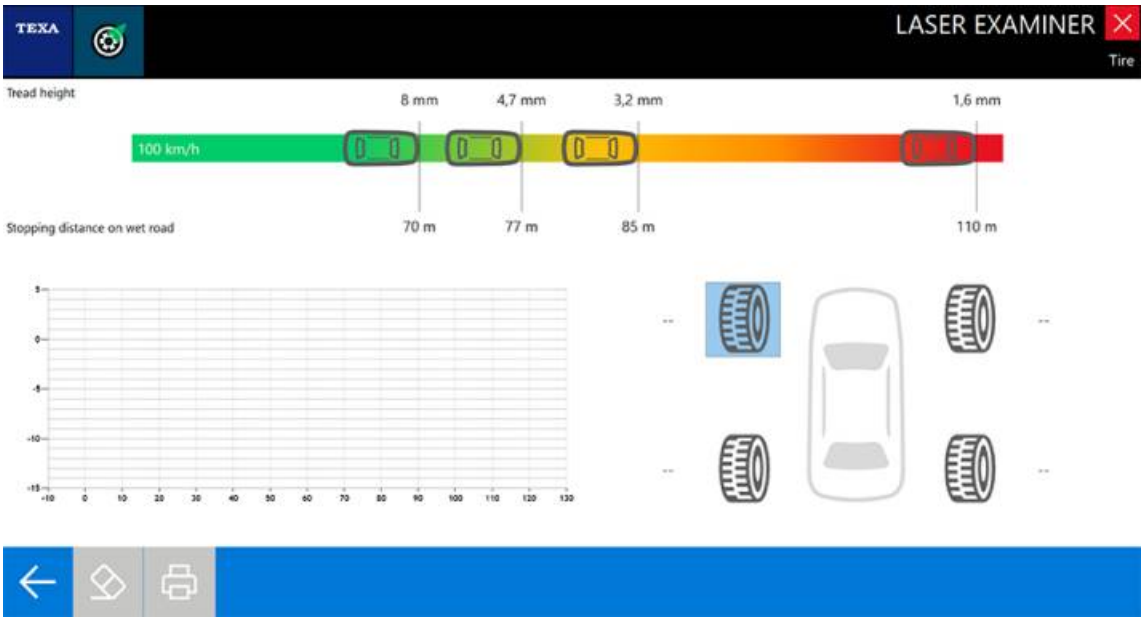
Proceed as follows:

1.Insert the tool's magnet into the specific housing on the adapter.

2.Turn on the tool.

3.Press 

The software displays a vehicle outline where the tyre that is expected to be measured is highlighted.



4.Position the tool on the tyre as indicated in the technical manual.

5.Press the power button to activate the laser.

6.Make sure the laser beam is perpendicular to the edge of the tread.

7.Make sure the laser beam does not pass over the tread wear indicators.

8.Press the power button to activate the micro-camera.

After the activation of the micro-camera, a beep indicates that the reading has been performed.

A second beep confirms that the data has been sent to the software correctly.

9.Proceed with the measurement on the other tyre treads.

The test result is displayed.

Icon	Name	Description
	Back	It allows you to return to the previous page. This function is the same as the function available in any web browser.
	Erase	It allows you to erase a measurement in order to repeat it.
	Print	It allows you to print the report.

The measurement result is displayed graphically and the tyres are highlighted with a colour that indicates:

	Tyre tread depth not detected or waiting for measurement.
	The tyre tread depth is within the limits entered in the *Settings* menu.
	The tyre tread depth is close to the limit entered in the *Settings* menu.
	The tyre tread depth does not respect the limit entered in the *Settings* menu. **We recommend replacing the tyre.**

25.1.4 Multiple measurements

The software allows you to perform from 1 to 5 acquisitions for each brake disc and each tyre.

Set the number of acquisitions for disc testing and tyre testing in the *Settings* menu.

Proceed as follows:

1.Press 

2.Select the desired value in the menus **Number of acquisitions for brake disc testing** and **Number of acquisitions for tire testing**.

3.Press 

4.Proceed with the acquisitions as indicated in the chapters **Brake disc**, **Fast Check** or **Tire**.

The calculated result is the arithmetic mean of the values acquired at the end of the measurements.

The software indicates each acquisition in the graph with a different colour.

25.2 Settings menu

The *Settings* menu allows you to:

- *configure the parameters relating to the software operation;*
- *enter the workshop data;*
- *update the firmware on the measuring tool;*
- *carry out periodical tests on the measuring tool;*
- *archive and manage the measurement reports.*

Icon	Name	Description
	Settings	It allows you to configure the operating parameters for the software and the measuring tool.
	Workshop data	It allows you to enter the workshop information that will appear in the printed reports.
	Periodical checks	It allows you to carry out periodical checks on the measuring tool.
	Firmware update	It allows you to update the firmware version of the measuring tool.
	Test archive	It allows you to manage the measurement reports sorting them by plate, date and time.

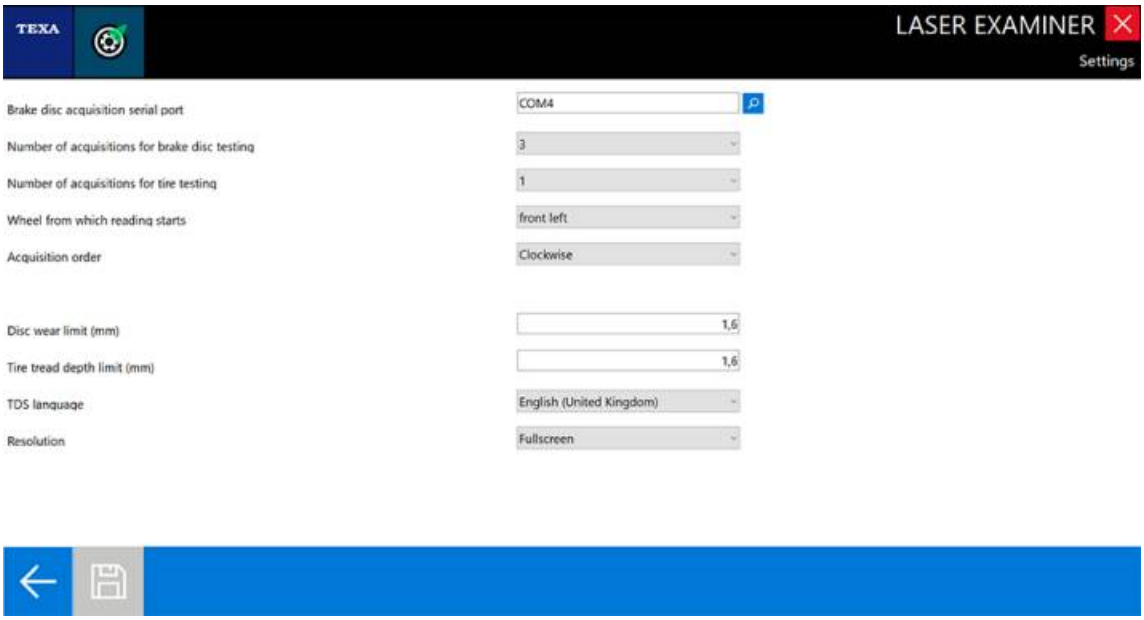
25.2.1 Settings

This function allows you to configure the operating parameters for the software and the measuring tool.

NOTICE *The Settings menu screen appears automatically when the software is launched for the first time.*

Proceed as follows:

1.Press 



Icon	Name	Description
	Back	It allows you to return to the previous page. This function is the same as the function available in any web browser.
	Save	It allows you to save the entered data.

From the *Settings* menu you can configure:

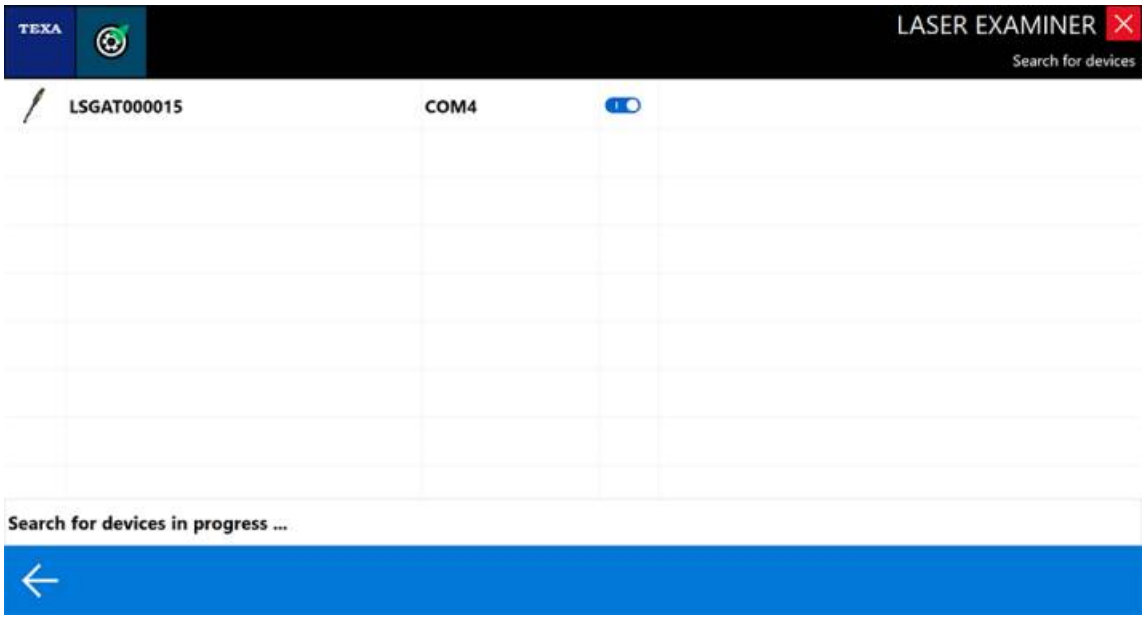
- *COM serial port. For the automatic configuration of the serial port, see the related Chapter.*
- *Number of acquisitions for brake disc testing (1 to 5).*
- *Number of acquisitions for tire testing (1 to 5).*
- *The wheel from which the software starts measuring.*
- *The wheel measuring order (clockwise or counterclockwise).*
- *Disc wear limit (mm).*
- *Tire tread depth limit (mm).*
- *The software user language.*
- *The screen resolution.*

25.2.1.1 Automatic configuration of the COM serial port

Proceed as follows:

1.Press 

The software displays the tools found during the scan.



In particular, it provides the following information:

- *type of tool;*
- *the tool's serial number;*
- *the associated COM port;*
- *status of the communication (active or not active).*

2.Activate / deactivate the tools through  / 

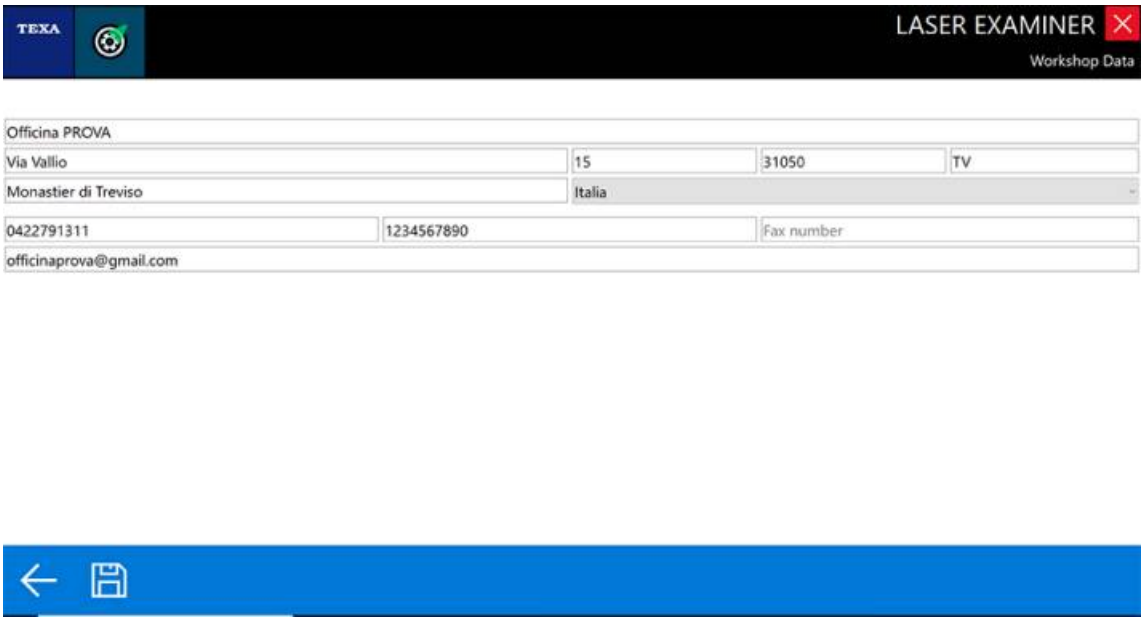
25.2.2 Workshop data

This function allows you to enter the workshop information that will appear in the printed reports of the measurements carried out.

Proceed as follows:

1.Press 

2.Enter the required information in the specific fields.



Icon	Name	Description
	Back	It allows you to return to the previous page. This function is the same as the function available in any web browser.
	Save	It allows you to save the entered data.

25.2.3 Periodical checks

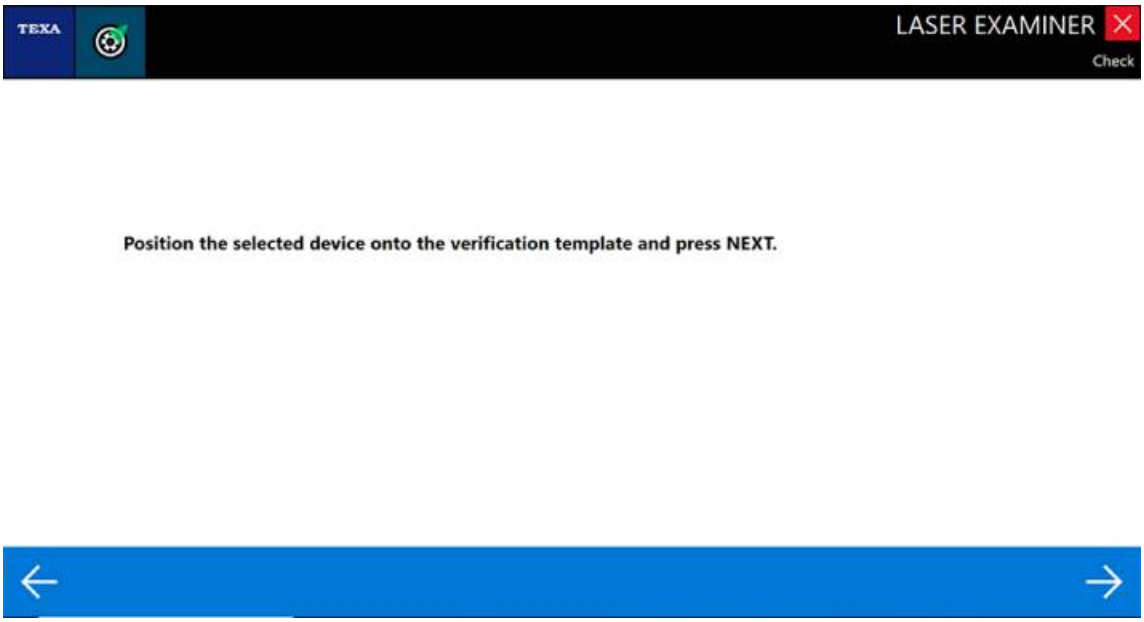
This function allows you to carry out periodical checks on the measuring tool.

Make sure the measuring tool is disconnected from the USB connector.

Proceed as follows:

1.Turn on the tool.

2.Press 



3.Follow the instructions that appear on screen.

INFORMATION *Use the check rig provided with the tool in order to complete the check procedure successfully.*

25.2.4 Firmware update

This function allows you to update the firmware version of the measuring tool.

Proceed as follows:

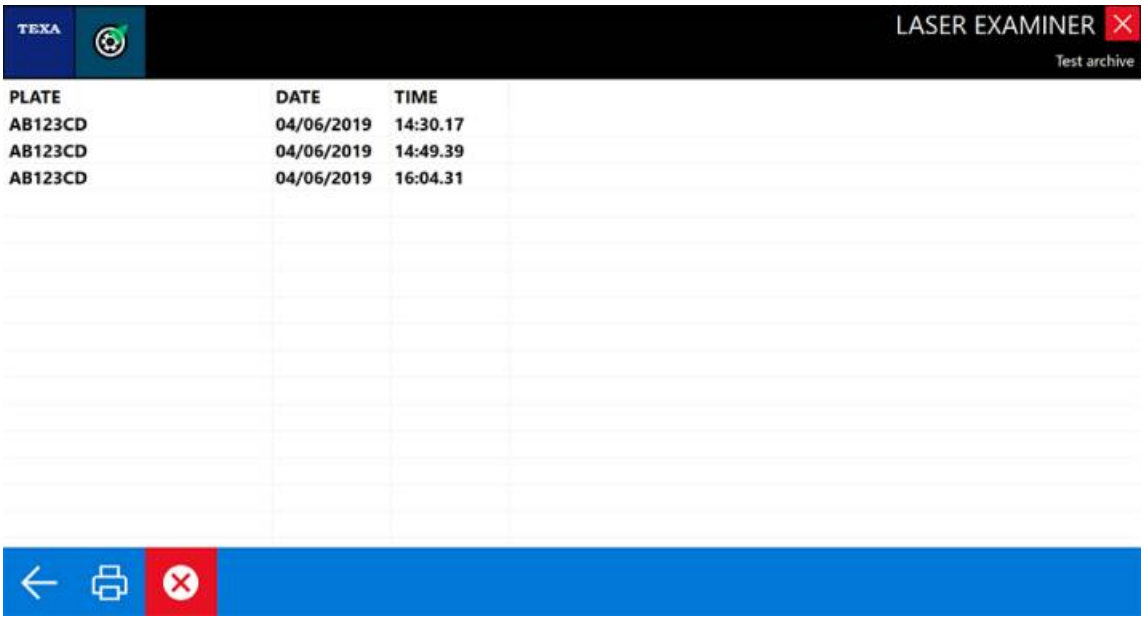
1.Press 

2.Follow the instructions that appear on screen.

25.2.5 Test archive

This function allows you to manage the reports of the measurements carried out.

1.Press 



Icon	Name	Description
	Back	It allows you to return to the previous page. This function is the same as the function available in any web browser.
	Print	It allows you to print the report.
	Delete	It allows you to delete a report with the measurement carried out.

The measurement reports can be sorted by:

- *plate*
- *date*
- *time*

The sorting is set by pressing on the cell you wish to sort the list by.

25.3 Information regarding the software

This menu provides information on the tool's software and firmware.

Proceed as follows:

Press 

The following information is displayed:

- *software version;*
- *measuring tool's firmware version*.

25.4 Print / Export report

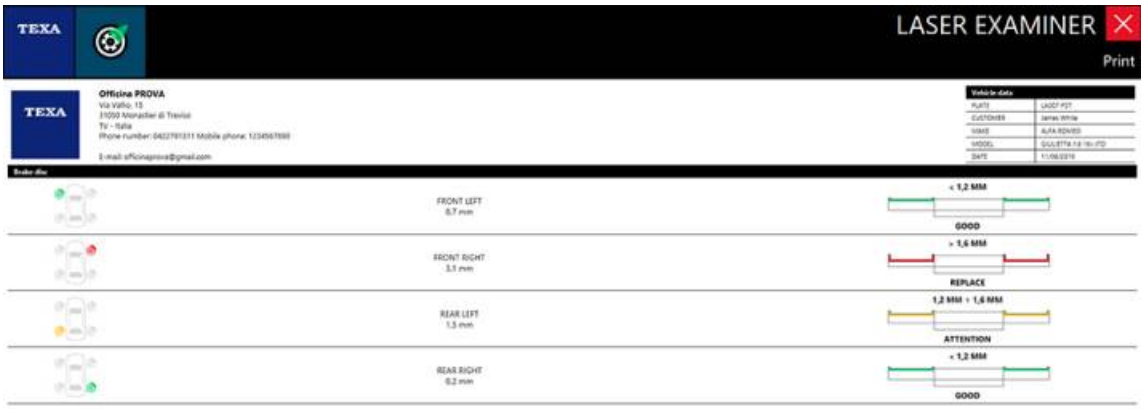
The measurement reports can be printed and exported.

Proceed as follows:

1.Select the report to print and/or export.

2.Press 

The report is displayed.



Icon	Name	Description
	Back	It allows you to return to the previous page. This function is the same as the function available in any web browser.
	Print preview	It allows viewing a print report regarding the test run.
	Export	It allows you to export the report of the measurement carried out in XML format.

26 BULLETINS UPDATE

This function allows you to download and manage the bulletins made available by TEXA.

The function allows you to divide and organise the downloaded bulletins into three sections:

- **Main:** *it contains all the bulletins that have been downloaded (it is the section that is opened by default when the function is launched);*
- **Archive:** *it contains the bulletins that have been archived using the specific function.*
- **Recycle bin:** *it contains the bulletins that have been deleted using the specific function.*

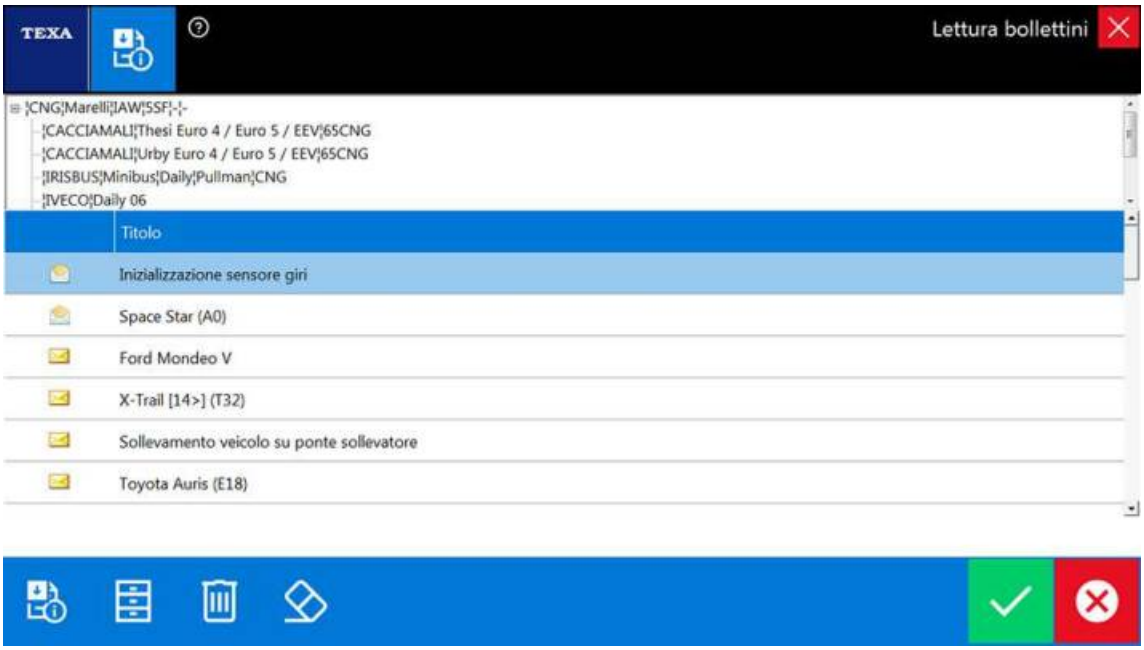
Bulletin Update is available only for the Italian market and for the customers who have subscribed to the specific service.

Proceed as follows:

1. Press  .

The **Main** section is displayed.

2. Select a bulletin.



Icon	Name	Description
	Download	Allows you to download new bulletins.
	Archive	It allows you to access the **Archive**, the section contatining the archived bulletins.
	Recycle bin	It allows you to access the **Recycle bin**, the section contatining the deleted bulletins. The bulletins deleted from **Main** or **Archive** are moved to this section. The bulletins deleted from this section are erased permanently.

	Restore	It allows you to restore the bulletins to a standard situation, in which the bulletins have not been integrated, archived or deleted yet. After restoring, the bulletins can be downloaded again.
	Integrate / File	It allows you to archive / integrate the selected bulletin. Based on the selected bulletin, its storage depends on the following: • **Archiving:** *the bulletin is saved in* **Archive***.* • **Integration***: the bulletin is integrated in the software database and can be displayed through the* **Technical data sheet** *function.*
	Delete	It allows you to delete the selected bulletin. If the selected bulletin is in in **Main** or **Archive** it is moved to **Recycle bin**. If the selected bulletin is in **Recycle bin** it is deleted permanently.

NOTICE

After a bulletin is selected, the list of vehicles the bulletin refers to appears in the upper part of the screen.

If you press on a bulletin twice, a preview is displayed.

27 CUSTOMER DATA MANAGEMENT

This function allows you to manage the workshop's customer archive.

Once the function is launched, the customer search screen is displayed.

In the search field you may enter the following search keys:

- *the vehicle's license plate number or VIN;*
- *the customer's name or surname;*
- *information regarding the vehicle (make, model, engine type);*
- *date of the last action.*

By clicking on the line that corresponds to the desired customer, you reach a screen that is divided into three pages.

Name	Description
Repair	It allows you to enter or change the data related to the actions.
Vehicle Data	It allows you to change the data of the vehicle associated to the customer.
Client's Data	It allows you to modify the customer data.

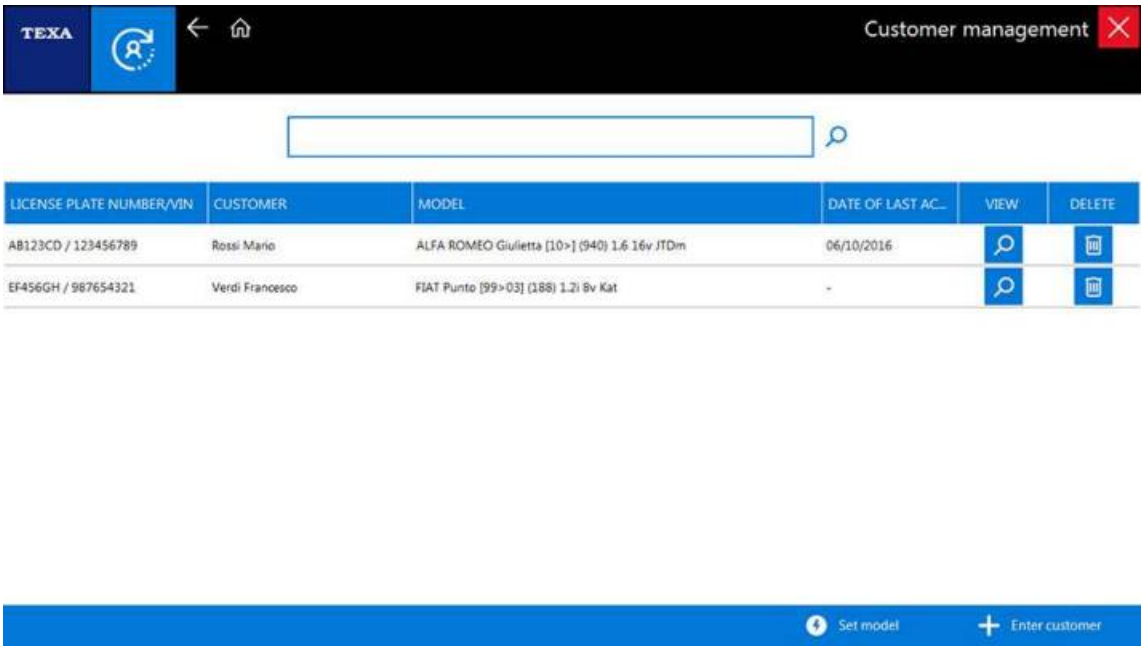
From the main screen, you may also enter a new customer and set the model of the vehicle that will be used when carrying out operations.

Proceed as follows:

1. Press  .

2. Enter the search key in the specific field.

3. Click on the line that corresponds to the desired customer or on one of the functions listed in the chart below the screen.



Icon	Name	Description
	View	It allows you to view the screen for managing the actions, vehicle data and customer data.
	Delete	It allows you to delete the related customer.
	Set Model	It allows you to carry out a complete selection of the vehicle associated to the customer selected. This way you can use all the functions that save information in the **Customer Management** archive.
	Enter Customer	It allows inputting the data related to a new customer into the archive.

27.1 Enter Customer

This function allows inputting the data related to a new customer into the archive.

The software allows you to enter the data related to a vehicle temporarily, without having to associate a customer to it.

You cannot enter the data related to a customer without having entered the data of a vehicle first.

Proceed as follows:

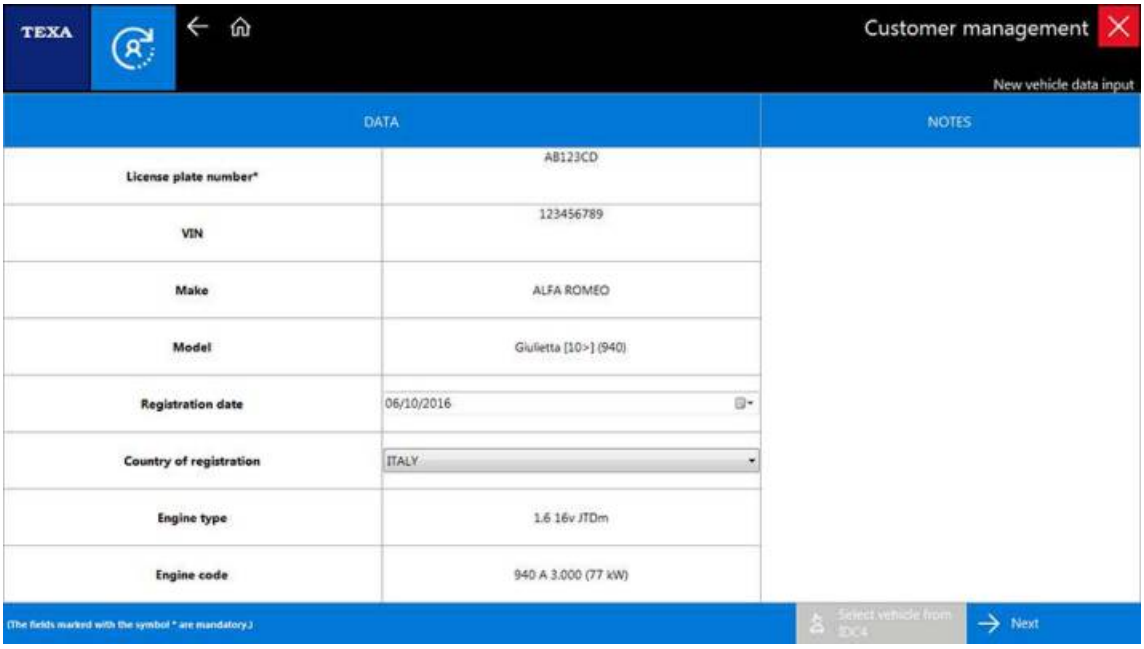
1. Press .

The **New Vehicle Data Input** screen is displayed.

2. Enter the information required in the special fields.

3. Use the **Select Vehicle from IDC5** function to select the desired vehicle.

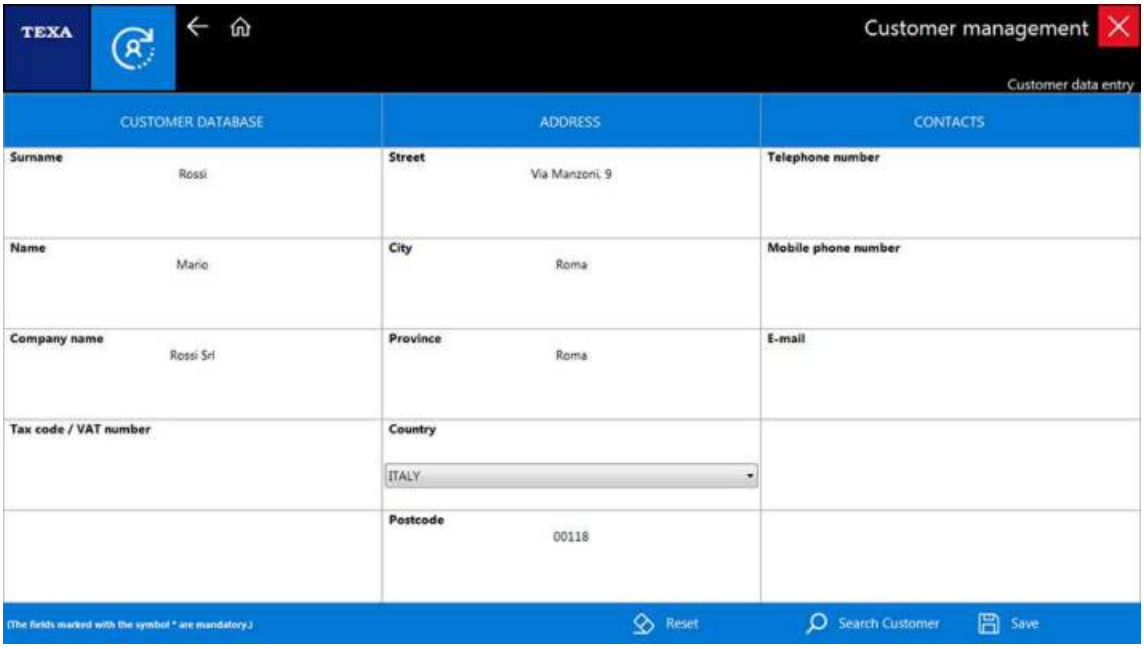
4. Press .



Icon	Name	Description
	Select Vehicle from IDC5	It allows you to select a vehicle through **Vehicle Selection**.
	Next	It allows you to switch to the screen for entering the customer's data.

The **Customer Data Input** screen is displayed.

5. Enter the required information in the specific fields.



Icon	Name	Description
	Reset	It allows you to delete all the fields.
	Search Customer	It allows you to select a customer among the ones already entered.
	Save	It allows you to save the customer - vehicle association.

6. Press .

The customer's profile is entered and associated to a vehicle.

Once you have entered a customer, this latter will appear in the function's main screen.

27.2 Repair

In this page all the entered actions are displayed, divided into the operations required to complete them.

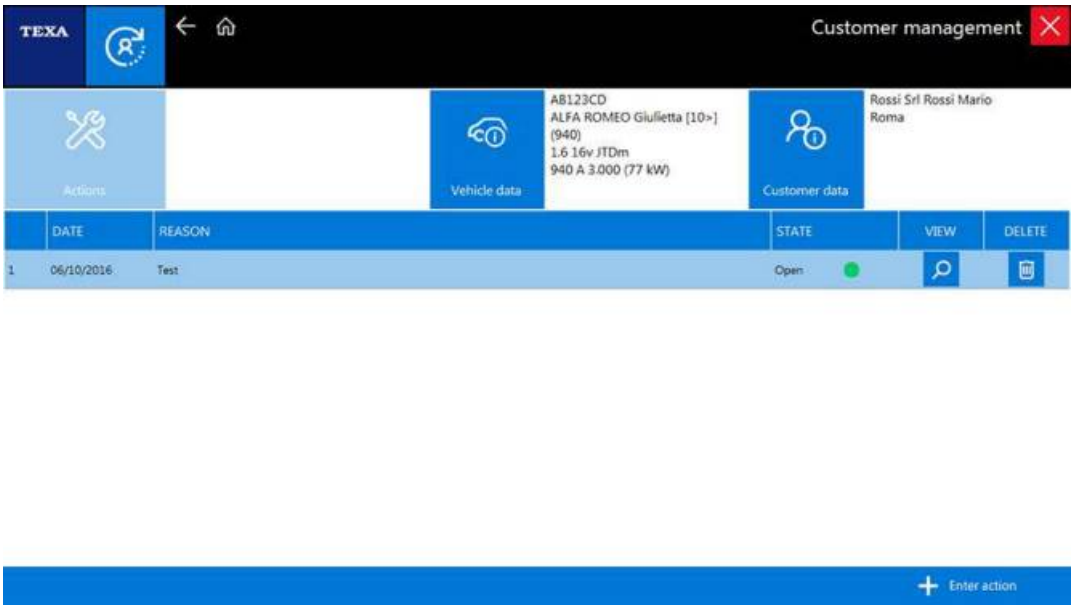
The operations available are:

- *self-diagnosis (error recording, parameter recording, screenshots, etc.);*
- *scheduled maintenance;*
- *oscilloscope (manual mode);*
- *free operation.*

Proceed as follows:

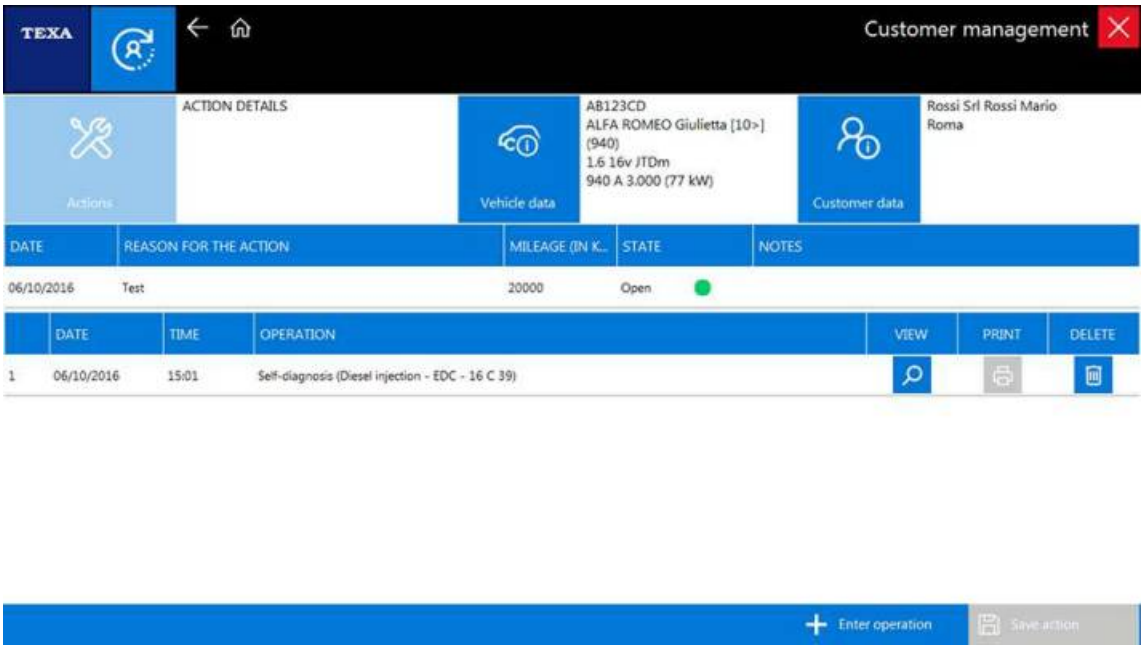
1. Press **Actions**.

2. Click on the line that corresponds to the desired action or on one of the functions listed in the chart below the screen.



Icon	Name	Description
	View	It allows you to view the screen for managing the operations.
	Delete	It allows you to delete the related action.
	Enter Action	It allows inputting into the archive an action different operations can be associated with.

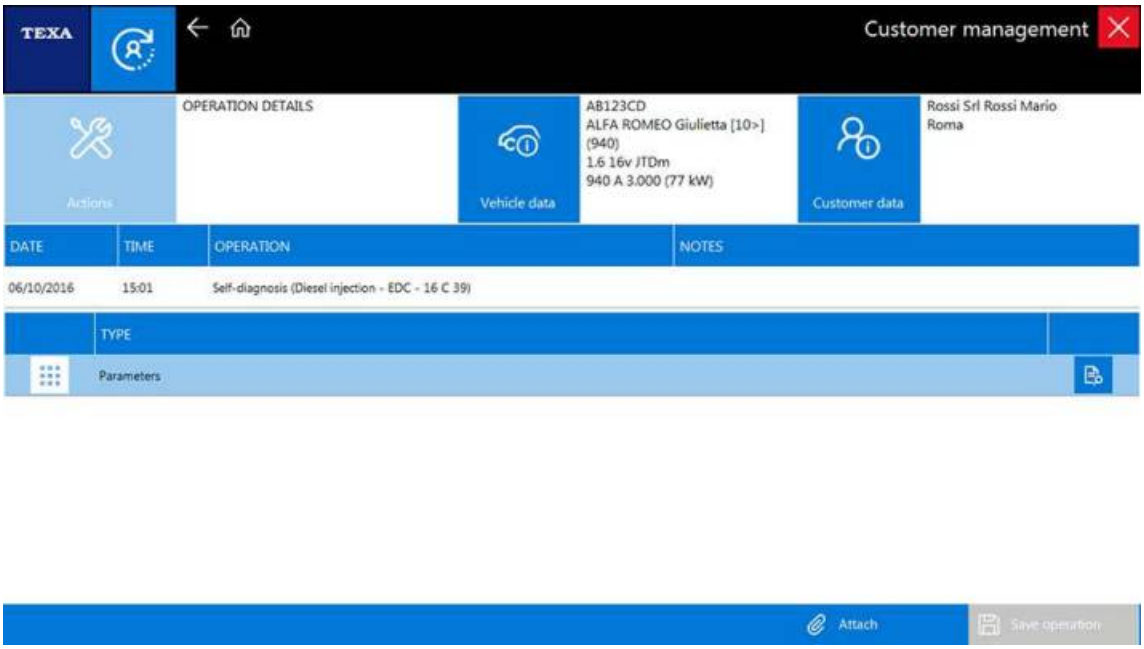
The operations associated to the selected action are displayed.



Icon	Name	Description
	View	It allows you to view the type of operations carried out.
	Print	It allows you to print a report related to some particular tests.
	Delete	It allows you to delete the related action.
	Enter Operation	It allows inputting an operation into the archive manually.
	Save Action	It allows you to save the changes made.

From this screen you can edit the data related to the action (date, reason for the action, mileage, etc.).

Some operations are divided by type (for example: **Self-Diagnosis**).



Icon	Name	Description
	View Operation Data	It allows viewing the information related to the selected operation.
	Send	It allows you to send to TEXA the support file created through the **Fault Notification** function. *
	Save Action	It allows you to save the changes made.

(*) For more information consult the Auto-diagnosis chapter.

From this screen you can edit the data related to the action (date, time, operation, etc.).

27.2.1 View Operation Data

This function allows viewing the information related to the selected operation.

Below there is an example of the display of diagrams obtained by registering the trend of some self-diagnostic parameters.

This screen allows:

- *viewing all the information regarding the operation (workshop data, vehicle data, etc.);*
- *learning the exact value of a parameter in a specific moment simply by passing the cursor over the desired area;*
- *zooming in on a portion of the diagrams to have a more precise view of the trend of the values (making a selection on the desired portion of the diagram).*

Proceed as follows:

1. Press  .

The diagrams of the registered parameters are displayed.

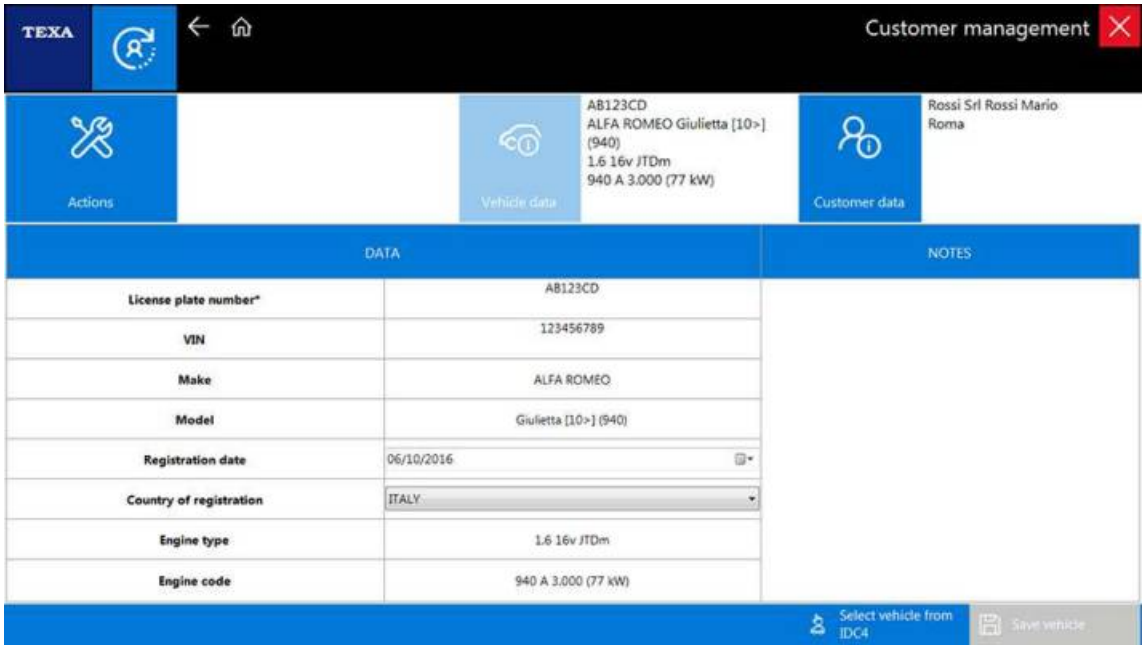
Icon	Name	Description
	Left Arrow	It allows moving towards the left part of the diagrams.
	Zoom Out	It allows returning to the full view of the diagrams.
	Right Arrow	It allows moving towards the right part of the diagrams.

27.2.2 Enter Action

This function allows inputting into the archive an action different operations can be associated with.

Proceed as follows:

1. Press  .
2. Enter the information required in the special fields.
3. Press  to save the action.
4. Press  in the confirmation message.



This screen is the same displayed if an action that is already entered is selected.

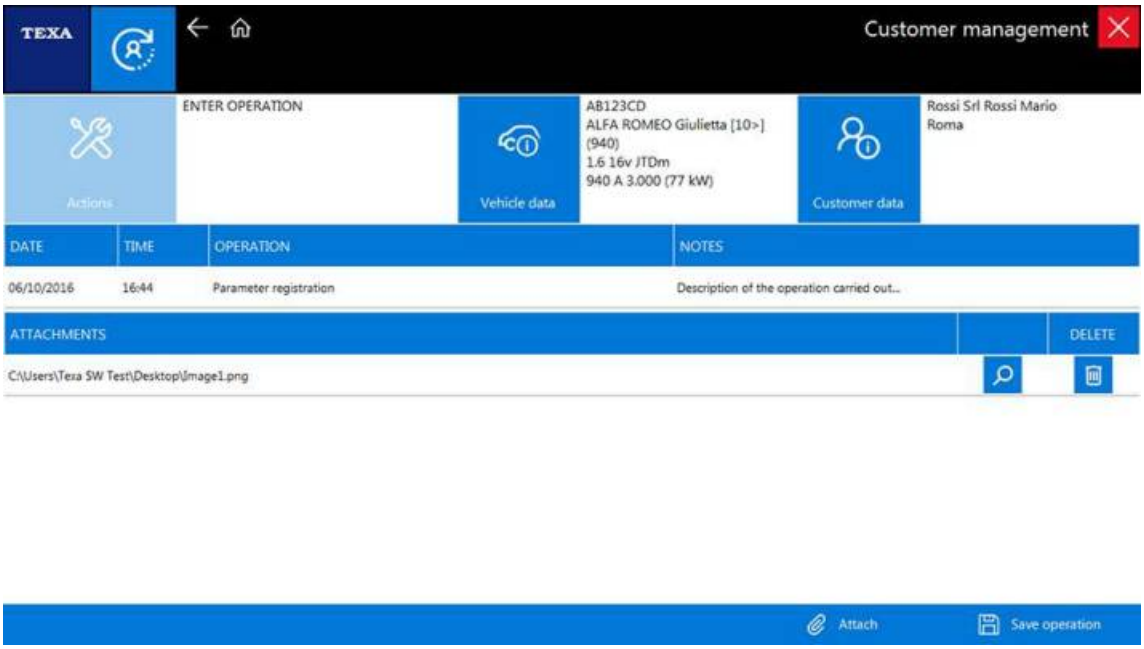
27.2.3 Enter Operation

This function allows inputting into the archive a free operation.

This type of operation is not associated to a test that was carried out, but it can be created manually by the user by entering the requested information and eventually an image.

Proceed as follows:

1. Press .
2. Enter the information required in the special fields.
3. Press to save the operation.
4. Press in the confirmation message.



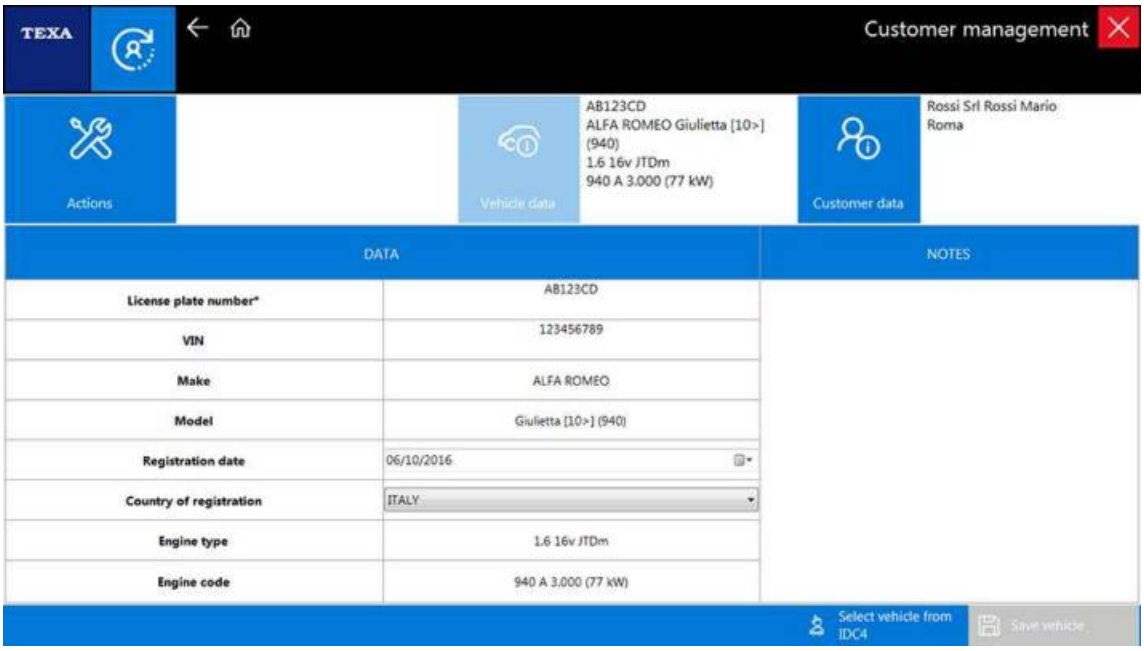
Icon	Name	Description
	View	It allows you to view the attachment loaded.
	Delete	It allows you to delete the attachment loaded.
	Attach	It allows you to attach to the operation an image among the ones in the PC's folders.
	Save Operation	It allows you to save the changes made.

27.3 Vehicle Data

In this page you can change and save the information related to the vehicle associated to the customer selected.

Proceed as follows:

1. Press **Vehicle Data**.
2. Change the desired information.



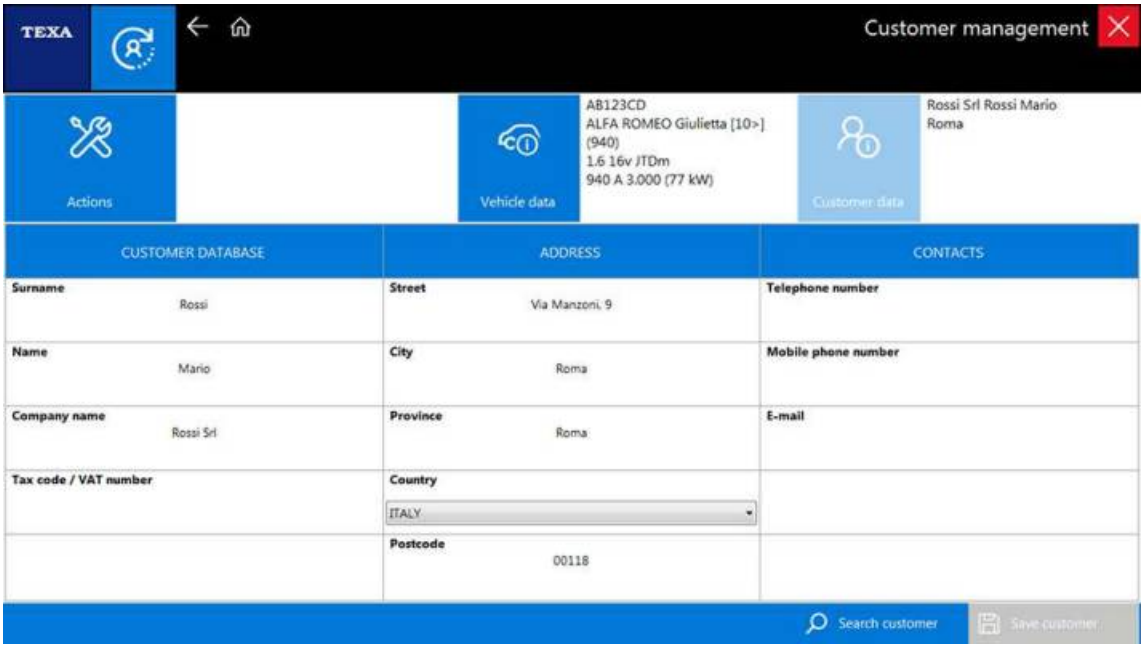
Icon	Name	Description
	Select Vehicle from IDC5	It allows you to select a vehicle through **Vehicle Selection**.
	Save Vehicle	It allows you to save the changes made.

27.4 Client's Data

In this page you may change and save the information related to the selected customer.

Proceed as follows:

1. Press **Customer Data**.
2. Change the desired information.



Icon	Name	Description
	Search Customer	It allows you to select a customer among the ones already entered. In this context, the function is useful if a vehicle was entered without being associated to a customer.
	Save Customer	It allows you to save the changes made.

28 iSUPPORT

This function allows you to:

- *request technical support directly from the software;*
- *request the development of new self-diagnostic resources (special selections or functions that are not in the software).*

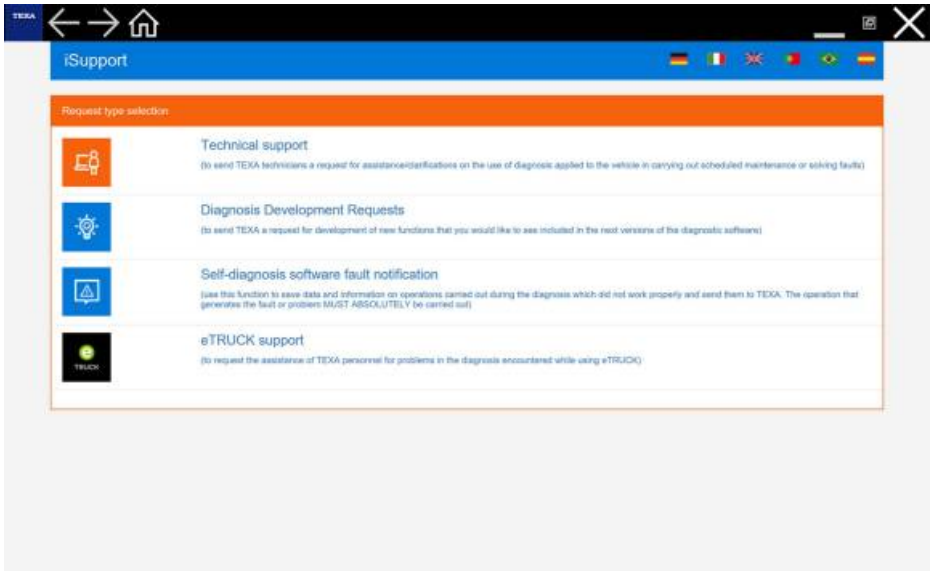
The function can be launched:

- *from the* **Home** *screen;*
- *from the* **Side Menu** *(during the selection);*
- *from the* **Self-diagnosis Common Functions** *section.*

Proceed as follows:

1.Press  .

The main screen of **iSupport** is displayed.



Icon	Name	Description
	Technical Support	It allows you to send a request form for assistance from TEXA technicians related to the diagnosis you are performing. It can be launched only after selecting a system.
	Diagnosis Development Requests	It allows sending a request form for the development of new self-diagnostic contents that are not in the software.
	Self-diagnosis SW fault notification	It allows sending data and information on operations carried out during the diagnosis but not successful. **You must repeat the operation that generates the fault or problem.**

28.1 Technical Support

This function allows you to send a request form for assistance from TEXA technicians related to the diagnosis you are performing.

The function can be launched only after selecting a system.

In order to favour a quick and useful response:

- *Make sure you have properly selected the vehicle and the system being tested.*
- *Thoroughly indicate the information regarding the vehicle's identification, the detected symptoms, the errors stored by the system, the tests you performed and the components that have already been replaced.*

Proceed as follows:

1.Press  .

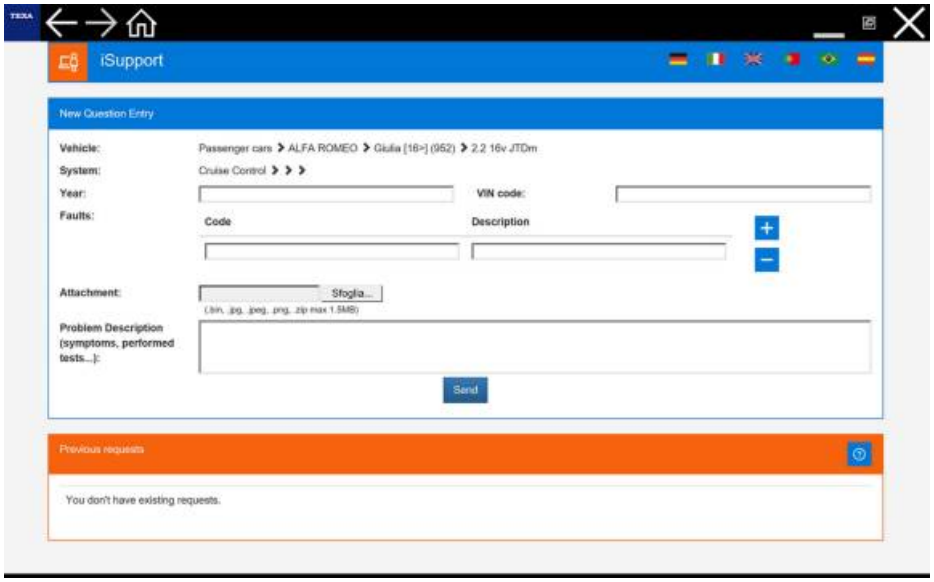
2.Fill out the form with all the information required:

- **Year:** *year of the vehicle's first registration;**
- **VIN:** *vehicle's identification number;*
- **Errors:** *errors detected during the diagnosis (indicate the error code and description);*
- **Problem Description.** *

(*) Mandatory field.

You can complete the request by attaching the documentation you believe necessary using the icon **Browse**.

3.Press **Enter**.



In case an error code has been entered, before sending the assistance request to the technicians, the software launches the **Solved Problems** function with the fields related to the vehicle already filled out (if available) and the entered error code.

This allows you to find an immediate solution through TEXA's solved problems database.

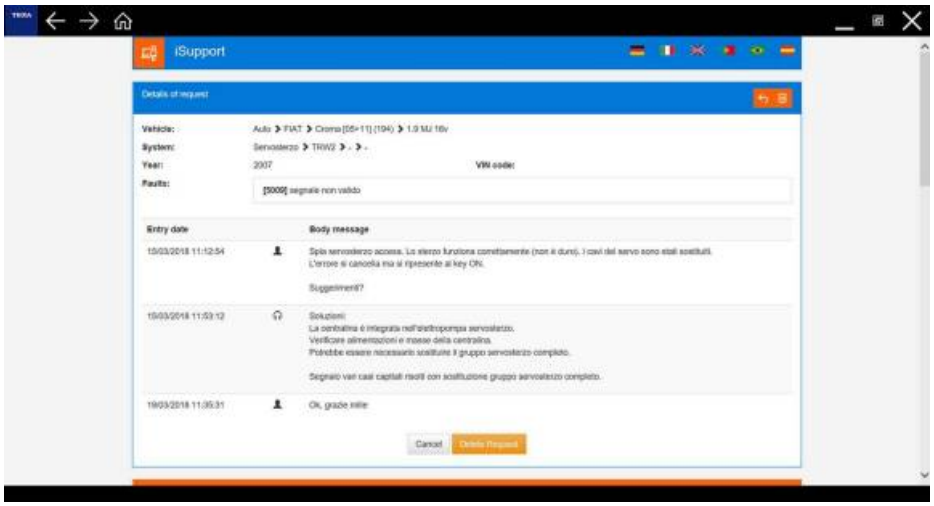
4.Press if a solution has been found through **Solved Problems** or if you wish to continue and send the assistance request.

The request for assistance has been sent.

5.Access the **Technical Support** function again through .

6.Press **Select** on the desired request.

The screen with the answer given by the TEXA technician is displayed.



Icon	Name	Description
	answer	It allows answering or requesting further information to the TEXA technician.
	Delete	It allows deleting the request if the answer by the TEXA technician is satisfactory.

7.Press **Delete Request** if the answer given by the TEXA technician was satisfactory.

28.2 *Diagnosis Development Requests*

This function allows sending a request form for the development of new self-diagnostic contents that are not in the software.

It is important that you perform all the selections as completely as possible so the notification can be as efficient as possible.

Example: a notification regarding a missing adjustment must be filed after you have selected the vehicle and the self-diagnosis system the adjustment refers to.

Proceed as follows:

1. Press  .

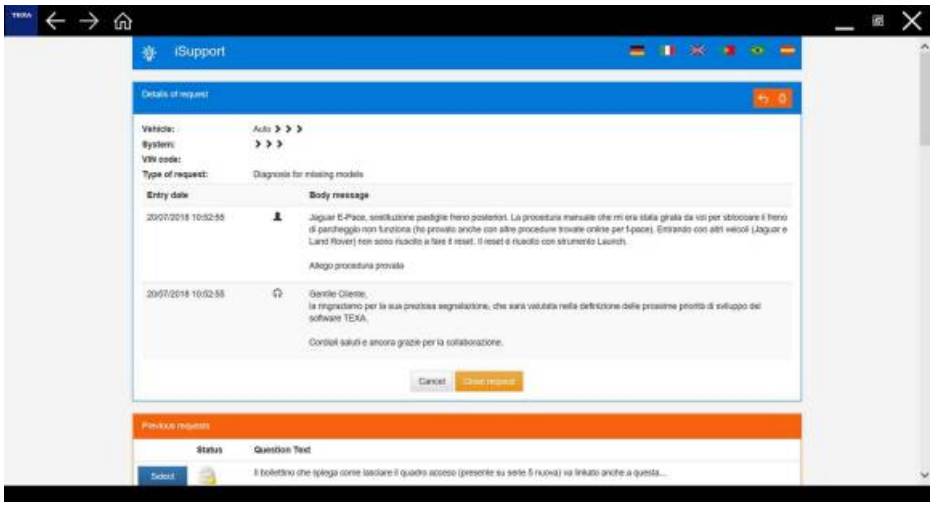
2.Fill out the form with all the information required:

- **VIN:** *vehicle's identification number;*
- **description of the problem;** *
- **select the type of development required choosing among the ones suggested ones:** *
  - *service reset;*
  - *electrical diagrams or mechanical data;*
  - *adjustment / activation on a diagnostic system that already exists;*
  - *diagnosis for missing models;*
  - *diagnostic system for a model that already exists;*

(*) Mandatory field.

You can complete the request by attaching the documentation you believe necessary using the icon **Browse**.

3.Press **Enter**.



Icon	Name	Description
	answer	It allows answering or requesting further information to the TEXA technician.
	Delete	It allows deleting the request if the answer by the TEXA technician is satisfactory.

The acceptance by a TEXA technician of the notification is notified by a specific message.

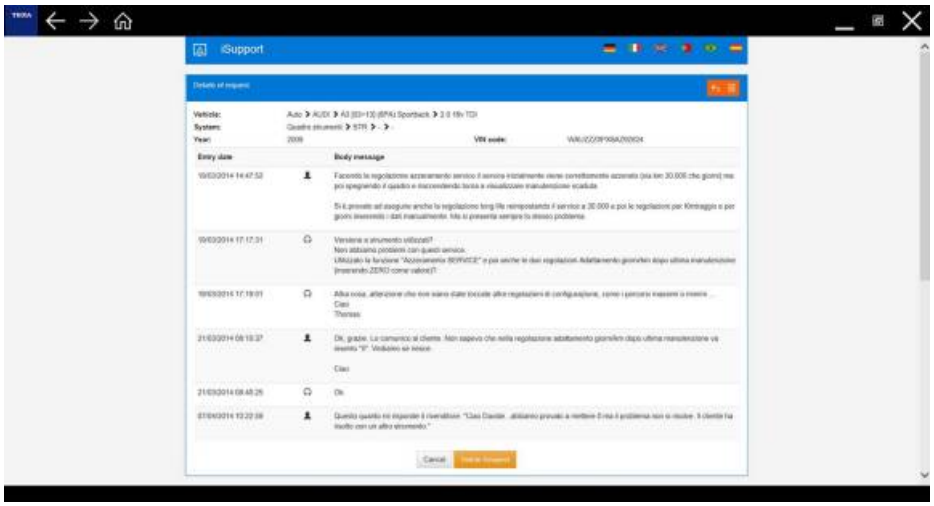
28.3 Self-diagnosis SW fault notification

This function allows sending data and information on operations carried out during the diagnosis but not successful.

Proceed as follows:

1.Repeat the operation that generates the fault or problem.

2.Press 



Icon	Name	Description
	answer	It allows answering or requesting further information to the TEXA technician.
	Delete	It allows deleting the request if the answer by the TEXA technician is satisfactory.

29 ENVIRONMENT SETTINGS

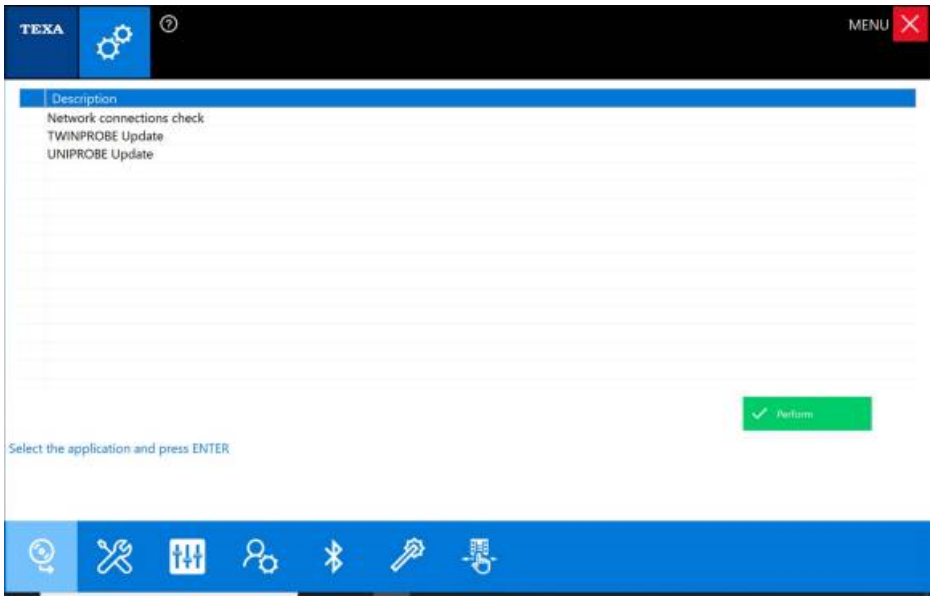
This menu allows you to access the service functions related to the selected environment such as, for example, the update of the devices or their configuration.

The functions available in this screen depend on the environment selected.

Proceed as follows:

1.Press  .

The **External Programs** screen is displayed by default.



Icon	Name	Description
	External Programs	It allows updating the firmware of some devices and testing the network connection.
	Service Programs	It allows updating the software of the diagnostic devices, setting the units of measurement used by the software and accessing the **Call Center** and **EOBD Scan Tool** service functions.
	Control Panel	It allows accessing some software programs and service functions of the operating system.
	User Preferences	It allows setting your preferences regarding some aspects of the software, such as the display of some messages.
	Bluetooth Configuration	It allows searching for and configuring Bluetooth devices.
	Automatic Configuration	It allows accessing the automatic configuration of the devices for the environment selected.

	ADAS tools	It allows checking which ADAS devices are associated and available. **For the configuration of RCCS 3, the display unit must be connected to the Internet.** **Some devices can be configured and used only if the software is installed on a display unit with the Windows 10 operating system.**

30 EXTERNAL PROGRAMS

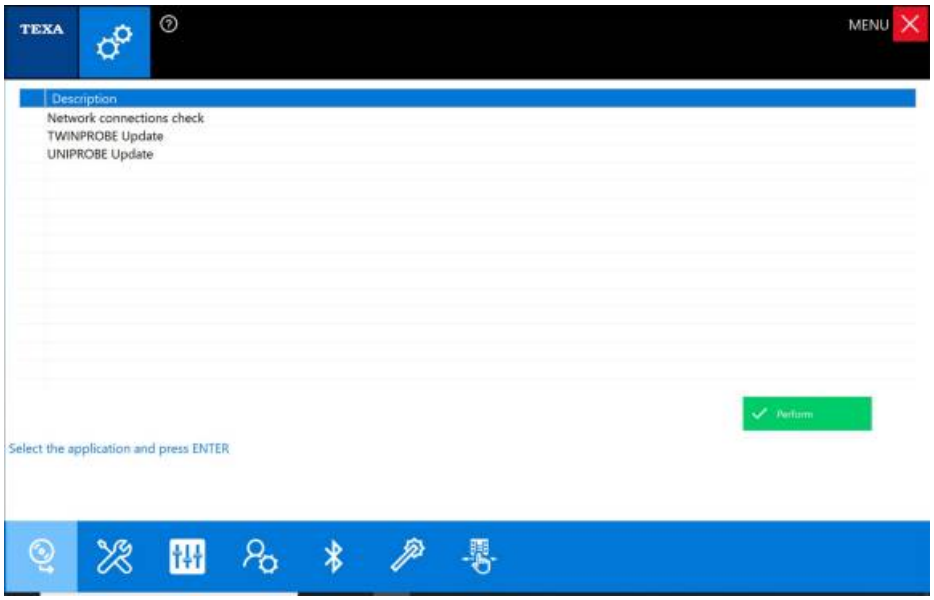
This menu allows accessing the firmware update functions for some devices and the network connection test functions.

The functions available in this menu may vary based on the environment selected.

Proceed as follows:

1.Press  .

The **External Programs** menu is displayed.



Icon	Name	Description
	Run	Allows you to launch the function selected.

30.1 Uniprobe update

This function allows to update UNIPROBE firmware.

The firmware update procedures vary based on the device.

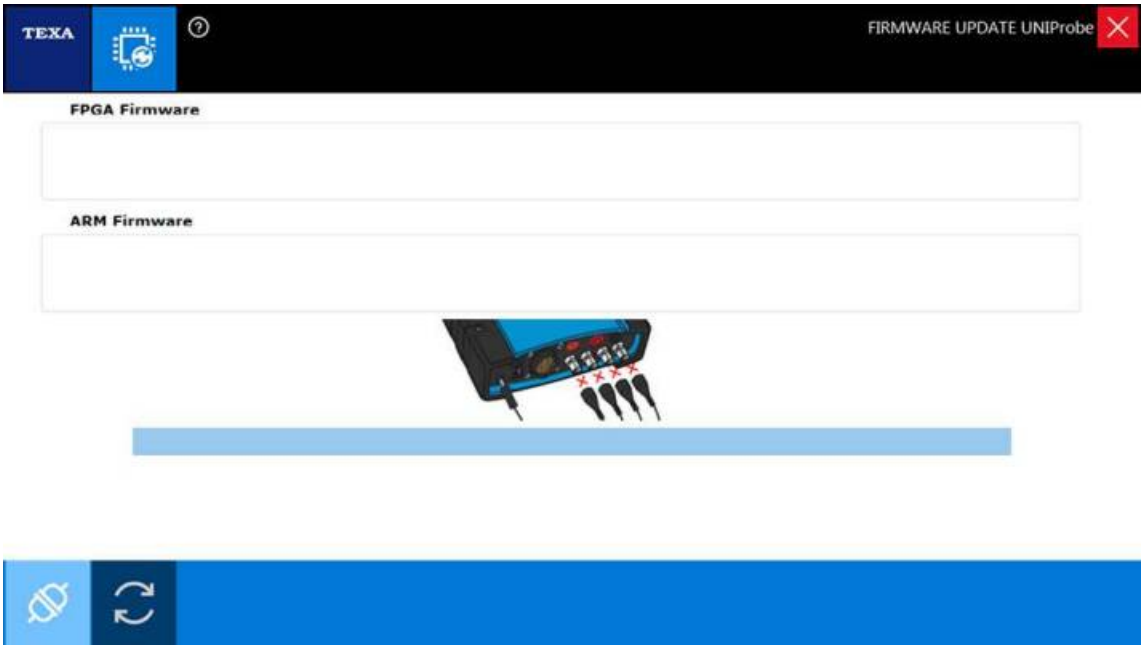
However, these procedures are very similar to one another and guided step by step through the messages provided by the software.

The update procedure of UNIPROBE is explained as an example.

Proceed as follows:

1.Select the item **UNIPROBE update**.

2.Press .

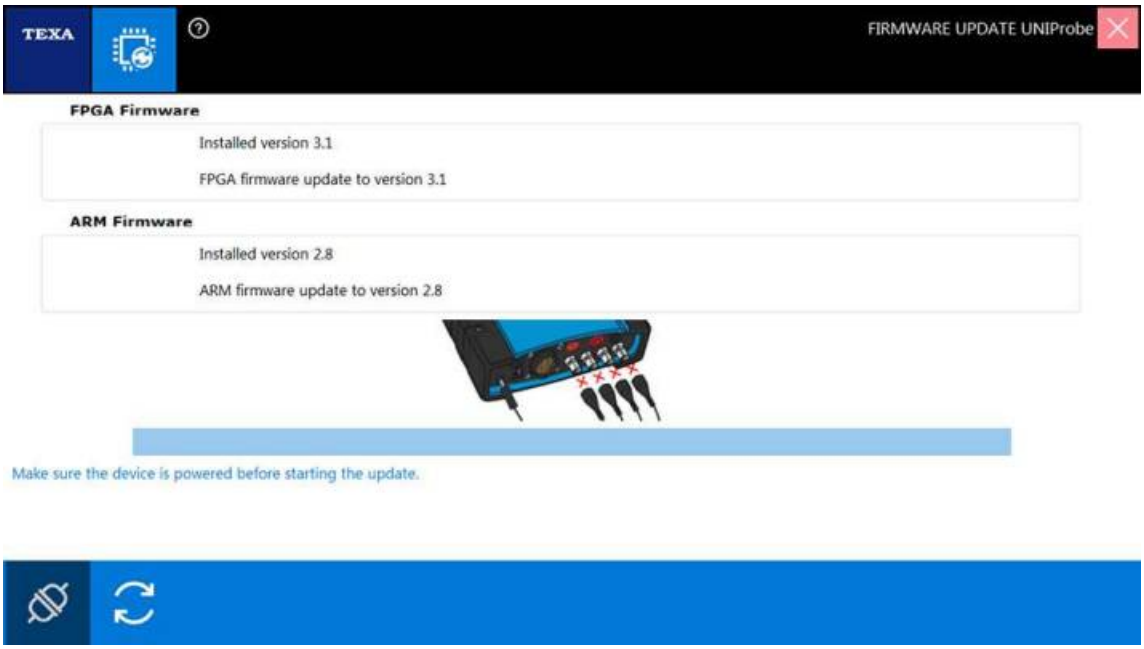


Icon	Name	Description
	Connect	It allows to connect the software to the device.
	Update	Allows launching the firmware update.

3.Press .

4. Charge the device.

5.Press .



Wait for FPGA firmware installation.

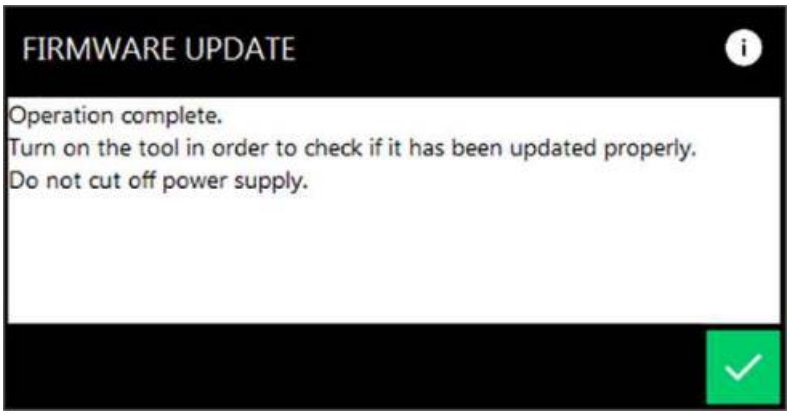
6. Disconnect the oscilloscope channel inputs when requested to.

7.Press in the confirmation message.

Wait for ARM firmware installation.

8.Follow the information that appear on screen.

9.Press .



The update procedure is complete.

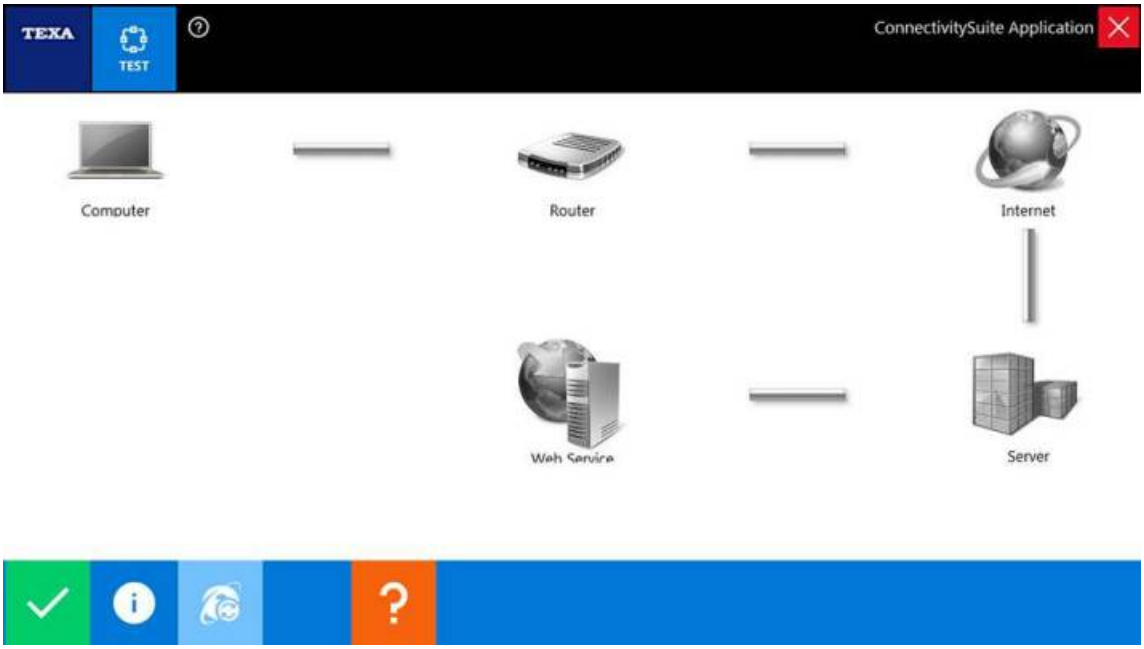
30.2 Checks network connections

This function allows checking the general network operation and of TEXA online services.

Proceed as follows:

1.Select the item **Check network connections**.

2.Press .



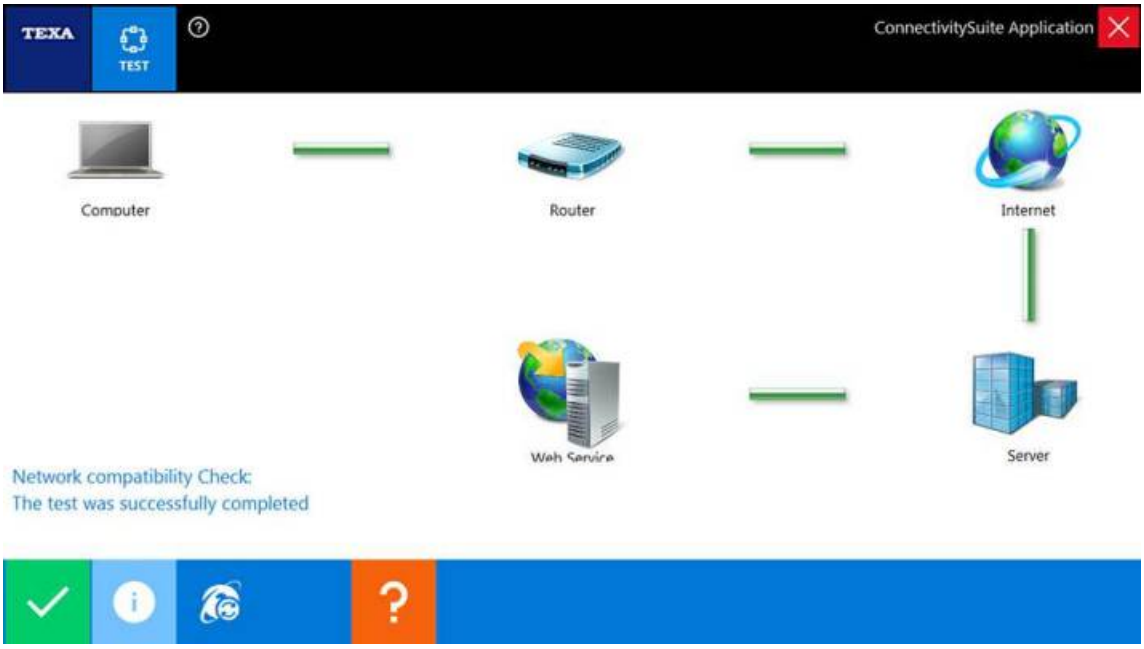
Icon	Name	Description
	Search test	It allows starting the test on the operation of **Search**.
	Read Bulletin Test	It allows starting the test on the operation of **Bulletin update**.
	Update Test	It allows starting the test on the operation of **Update check**.
/	Details / Graphic mode	Allows to pass from graph mode to details and viceversa.
	Run	Allows to start the network connectivity test.

3.Press .

Wait for the test to come to an end.

The software displays the test result.

If the test result is positive the path from **Computer** to **Web service** is lit.



If the test result is negative some red Xs are displayed in correspondence of the connection or connections that couldn't reach the next target.

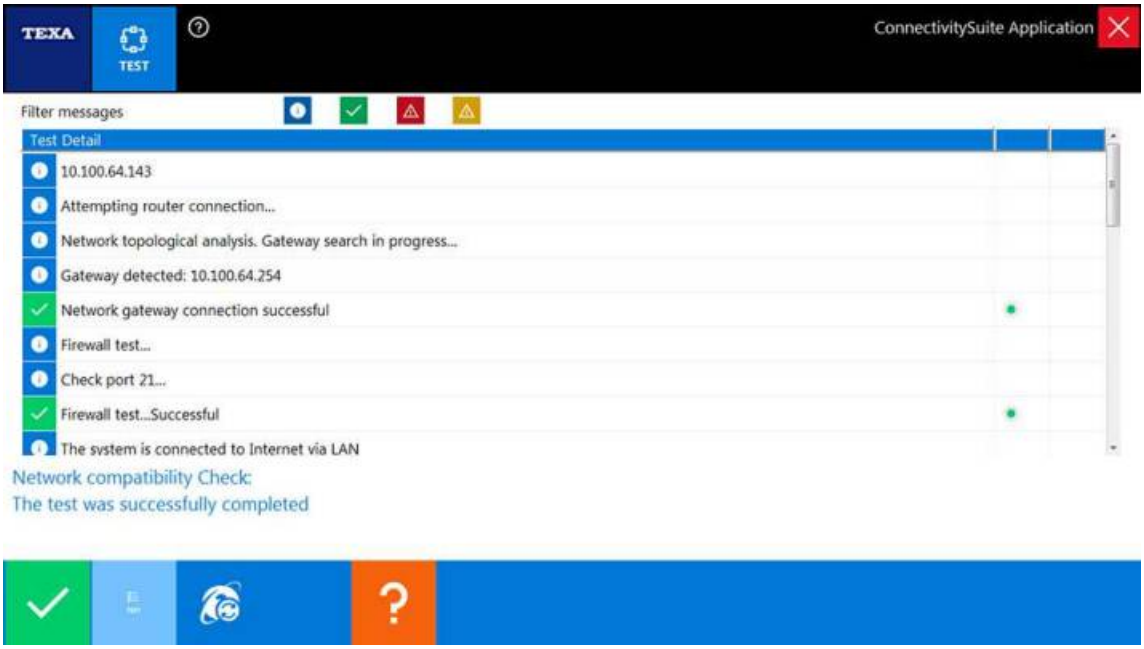
30.2.1 Details / Graphic mode

This function allows to pass from the graph mode to the connectivity test details and viceversa.

Proceed as follows:

1.Press  to view the details.

All the operations that are being carried out or were already carried out by the test are displayed.



Thanks to the icons placed on the upper part of the screen you can filter the details.

Icon	Name	Description
	Information	It allows excluding the information from the list of the operations carried out by the test.
	Operations completed successfully	It allows excluding the operations carried out successfully from the list of the operations carried out by the test.
	Operations failed	It allows excluding the operations failed from the list of the operations carried out by the test.
	Partially successful operations	It allows excluding the partially successful operations from the list of the operations carried out by the test. It indicates that, during the execution of the related operation, some faults occurred. However, these faults did not prevent the operation from being carried out successfully.

31 SERVICE PROGRAMS

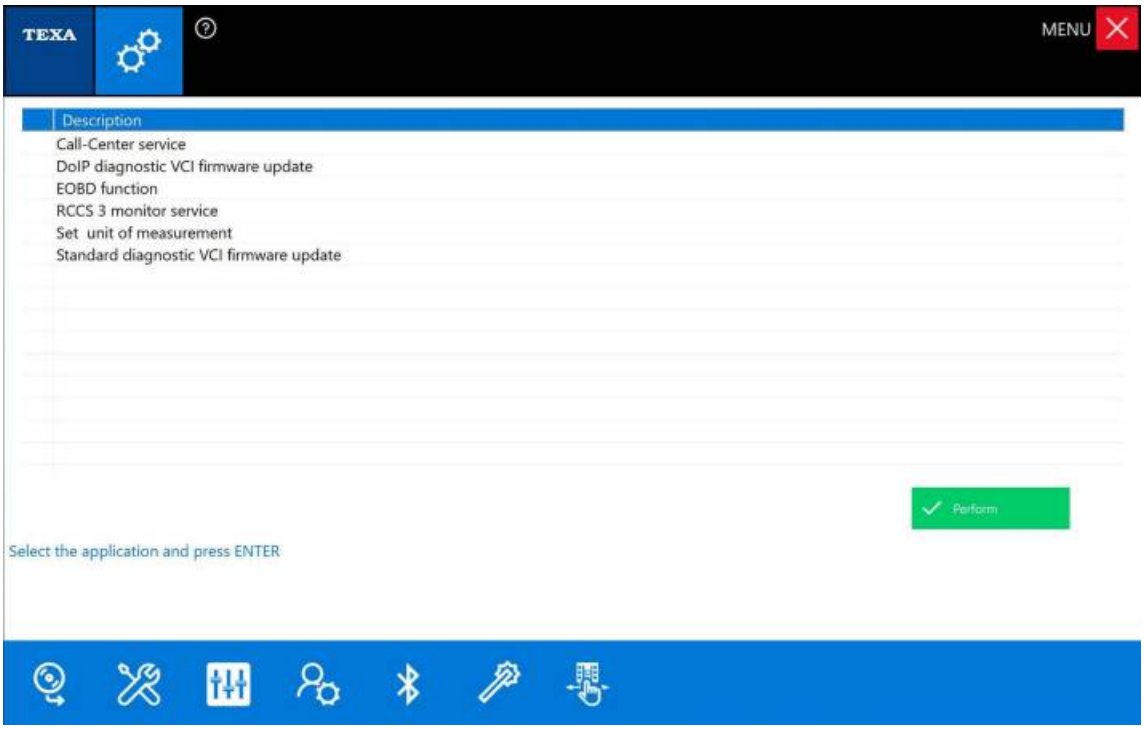
This menu allows updating the diagnostic devices, setting the system of measurement that the software must use and accessing some service functions.

The functions available in this screen depend on the environment selected.

Proceed as follows:

1.Press  .

The **Service Programs** menu is displayed.



Icon	Name	Description
✓	Run	It allows launching the selected function.

31.1 Call Center Service

This function allows to save the contacts related to TEXA Call Center service.

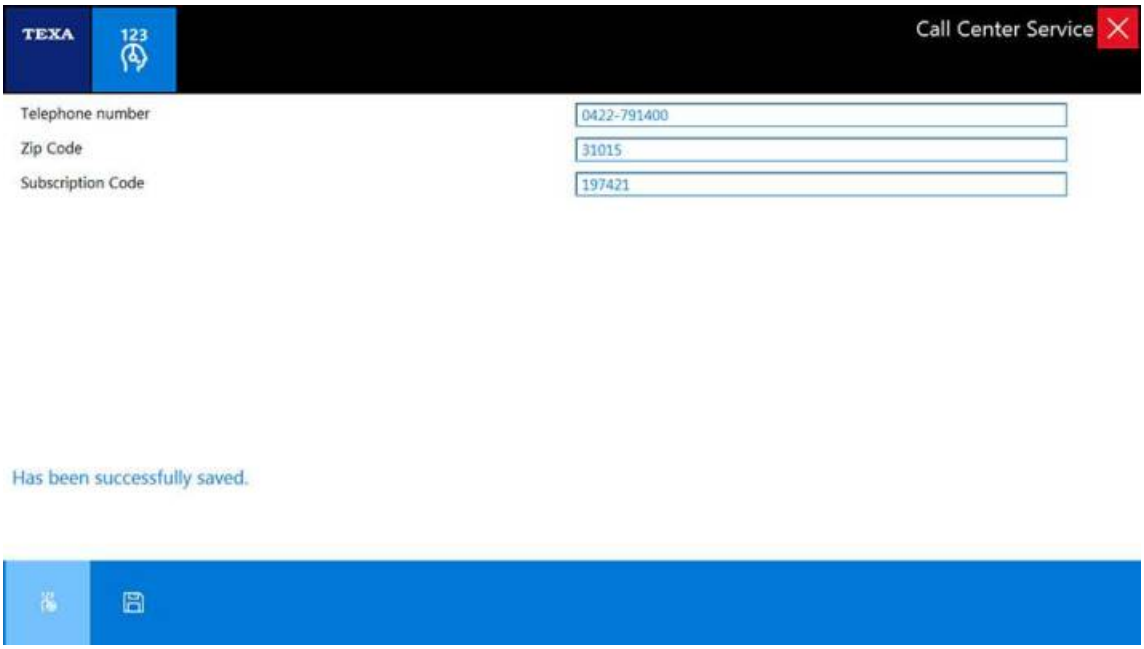
The saved contacts are displayed in the Software Information screen also.

Proceed as follows:

1.Select the item **Call Center Service**.

2.Press .

The main **Call Center Service** screen is displayed.



Icon	Name	Description
	Automatic update	It allows finding the necessary contacts automatically through the Internet connection.
	Save	It allows saving the contacts entered in the specific fields manually.

31.2 EOBD function

This function allows learning the serial number of the device configured for the use of the **EOBD Scantool** and the firmware / diagnostic system version.

Through this function you can change the selected device and assign a COM to it.

The new device must be chosen among the ones configured through the **Configuration Wizard** function.

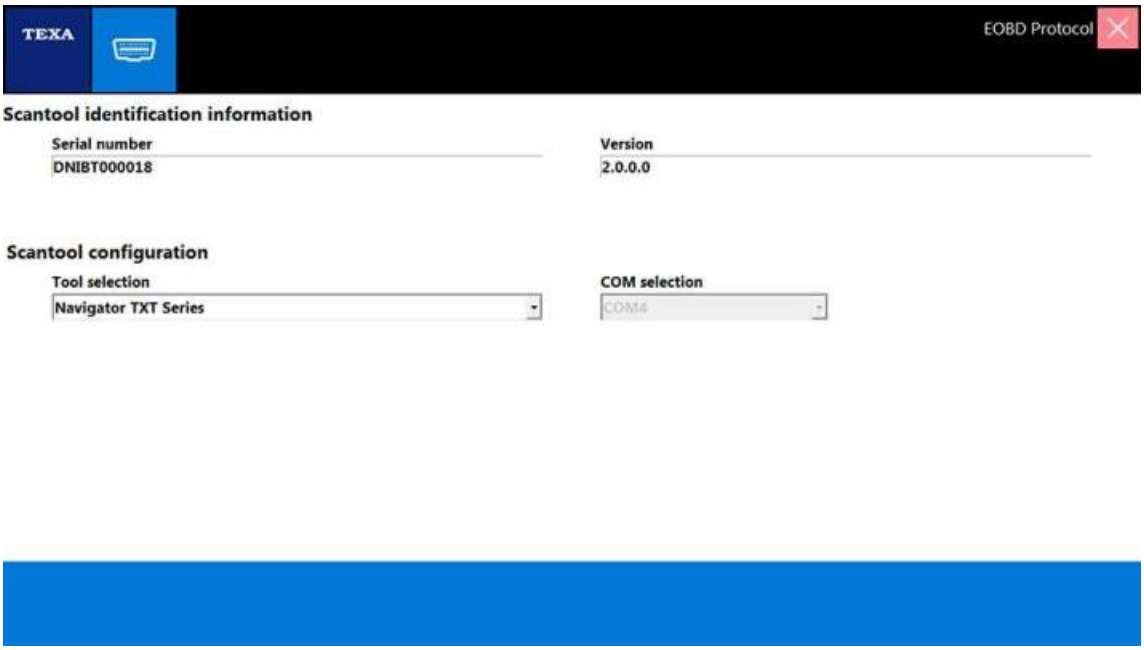
Proceed as follows:

1.Select the item **EOBD service**.

2.Press .

The main **EOBD Service** screen is displayed.

Wait for device initialization.



Under the item **Scantool Identification Information** the following can be found:

- *serial number of the device;*
- *firmware / diagnostic system version.*

Under the item **Scantool configuration** there are two drop-down menus through which you can set:

- *the device you wish to use;*
- *the COM you wish to assign the selected device to.*

31.3 Firmware Update

This function allows to update the firmware of the configured diagnostic device.

INFORMATION *The device must be configured and correctly powered throughout the update procedure.*

Proceed as follows:

1.Select the desired item **Firmware Update**.

2.Press .

Icon	Name	Description
→	Next	It allows completing the update procedure.

3. Press → when requested to and until the end of the update procedure.

31.3.1 Check Special Code Web status

This function allows you to check the status of the **Special Code Web**.

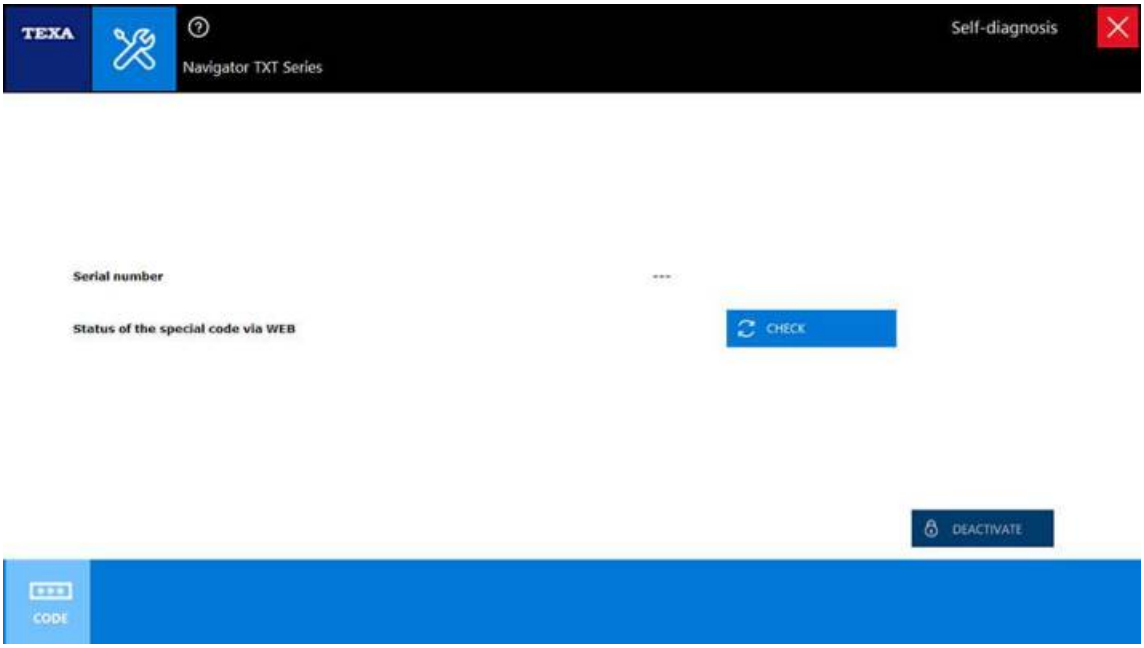
By using this function you may also withdraw from the agreement with TEXA for the use of the **Special Settings**.

Proceed as follows:

1.Select the item **Check Special Code Web status**.

2.Press .

The main **Check Special Code Web status** screen is displayed.



Icon	Name	Description
	Verify	It allows you to check the status of the **Special Code Web**.
	Disable	Allows you to withdraw from the agreement with TEXA for the use of the **Special Settings**.

WITHDRAW

This function allows you to withdraw from the agreement with TEXA for the use of the **Special Settings**.

INFORMATION

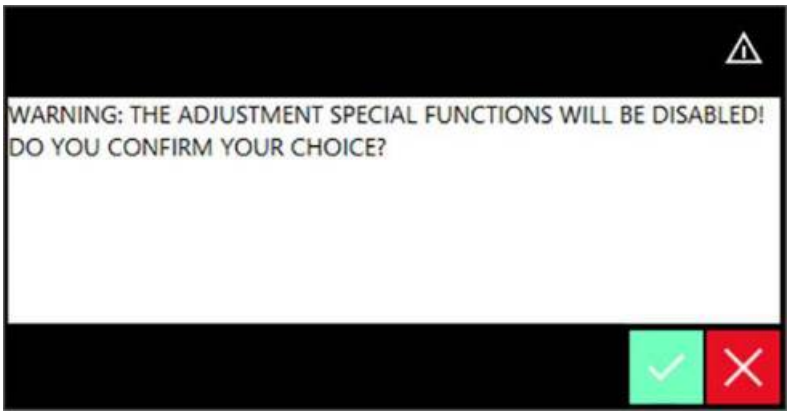
By pressing the icon of this function you declare that you wish to suspend the use of the Special Settings.

f you wish to use the Special Settings again after you have already withdrawn from the agreement, contact your Retailer to obtain a new form to send to TEXA.

Proceed as follows:

1.Press .

2.Press .



31.4 RCCS 3 monitor service

This menu allows testing the Monitor's operation and updating the diagnostic device.

The new device must be chosen among the ones configured through the **Configuration Wizard** function.

INFORMATION

The device must be configured and correctly powered throughout the testing and updating procedures.

The display unit must be connected to the Internet.

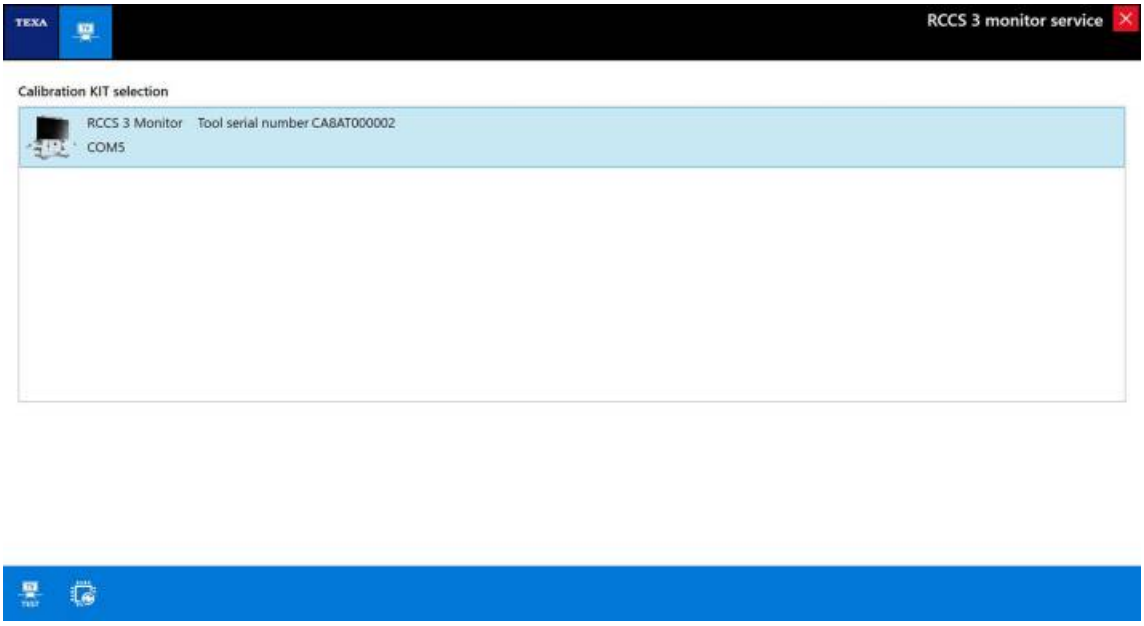
The device can be used only if the software is installed on a display unit with the Windows 10 operating system.

Proceed as follows:

1.Select **RCCS 3 monitor service**.

2.Press .

The main **RCCS 3 monitor service** screen is displayed.



Icon	Name	Description
	Monitor test	It allows verifying the proper communication between the software and the device. The result of the check can be helpful, for example, to highlight communication problems referable to the device's Bluetooth module.
	Checking the firmware	It allows updating the firmware in the RCCS 3 with MONITOR.

Launch the desired procedure and follow the on-screen indications.

32 BLUETOOTH CONFIGURATION

This function allows you to configure the communication between the software and the Bluetooth devices.

This function is particularly useful in checking the connection of a device should communication problems occur.

Always use **Configuration Wizard** to configuring the devices in the workshop.

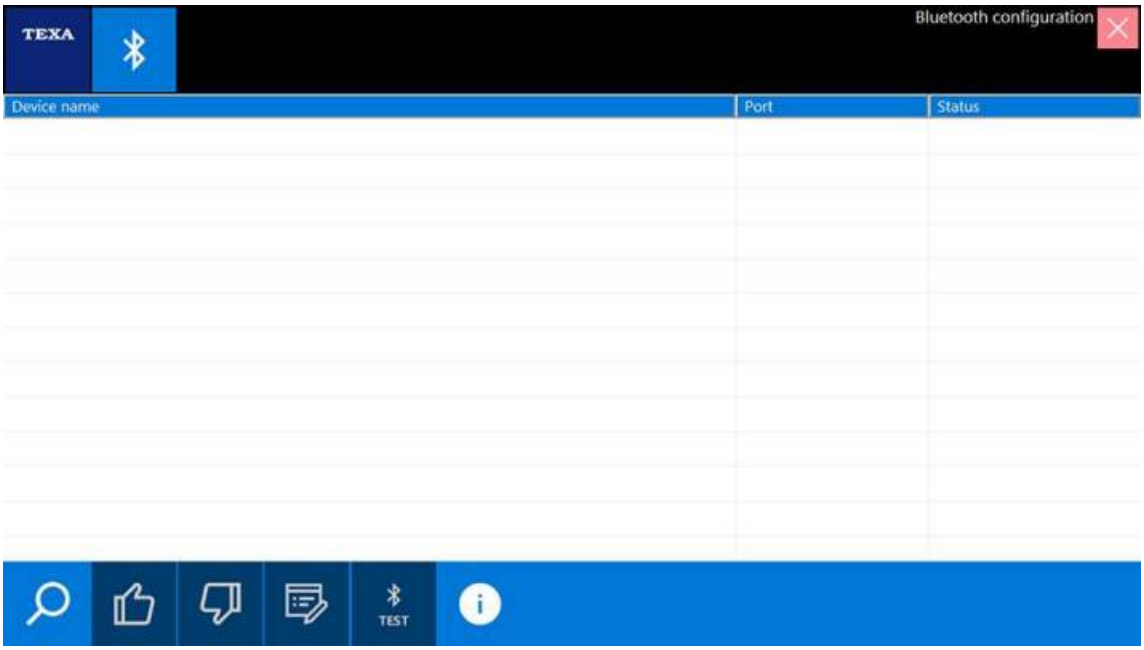
During the communication between the software and the Bluetooth device, a password needed in order to confirm the communication may be requested.

The password needed in order to confirm the communication is 1234.

Proceed as follows:

1. Press  .

The main screen of **Bluetooth Configuration** is displayed.



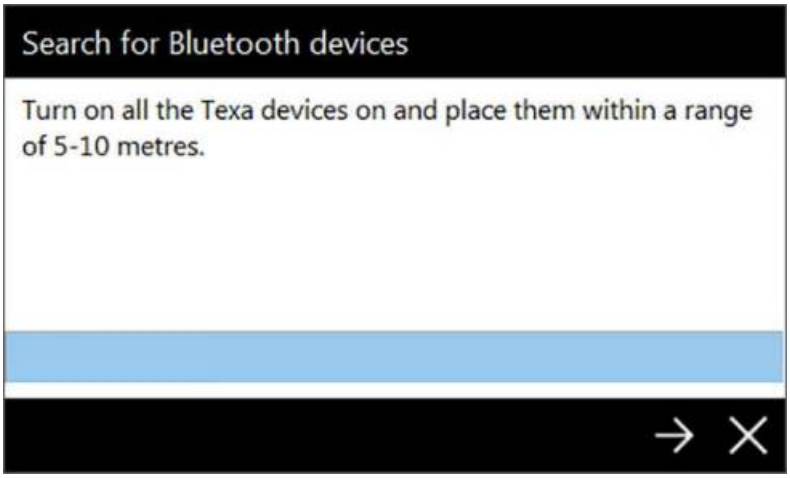
Icon	Name	Description
	Find	Allows you to search for Bluetooth devices.
	Activate	Allows you to enable the communication with the selected device.
	Disable	Allows you to disable the communication with the selected device.
	Assign	It allows you to assign the selected device to a specific function (self-diagnosis, analogue measurements, etc.).
	Test	It allows you to check the quality of the communication between the software and the device. The result of this check may be helpful, for example., to highlight communication problems referable to the device's Bluetooth module.
	Info	Allows you to view information regarding the Bluetooth stack. The displayed information may be useful during the assistance operations.

32.1 Find

This function allows you to search for Bluetooth devices.

Proceed as follows:

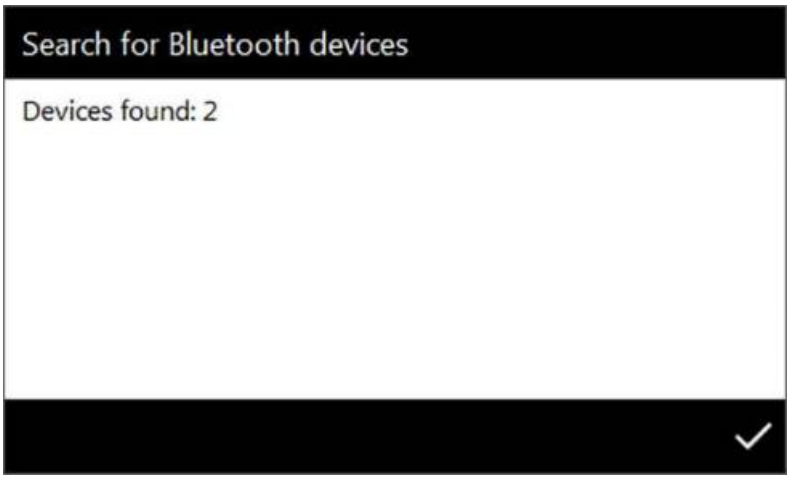
1. Press .
2. Press .
3. Turn the Bluetooth devices on and place them near by.
4. Press .



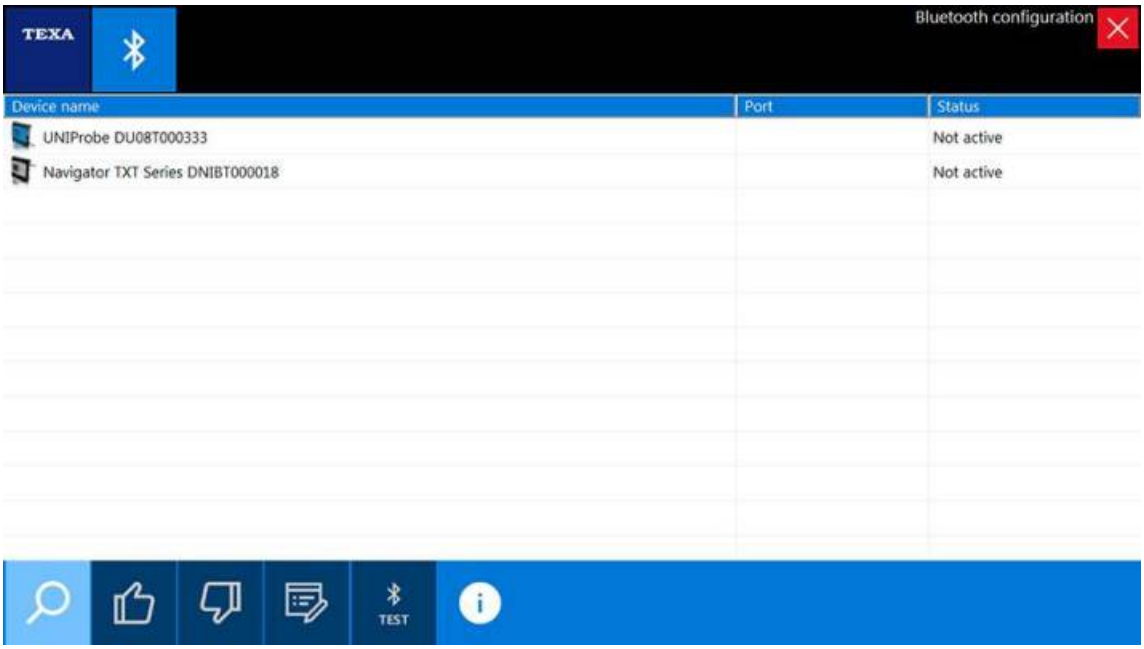
Wait for the search for devices to complete.

The software communicates the number of devices found.

5. Press .



The search result is displayed.



32.2 Activate

This function allows you to activate the communication with the selected device.

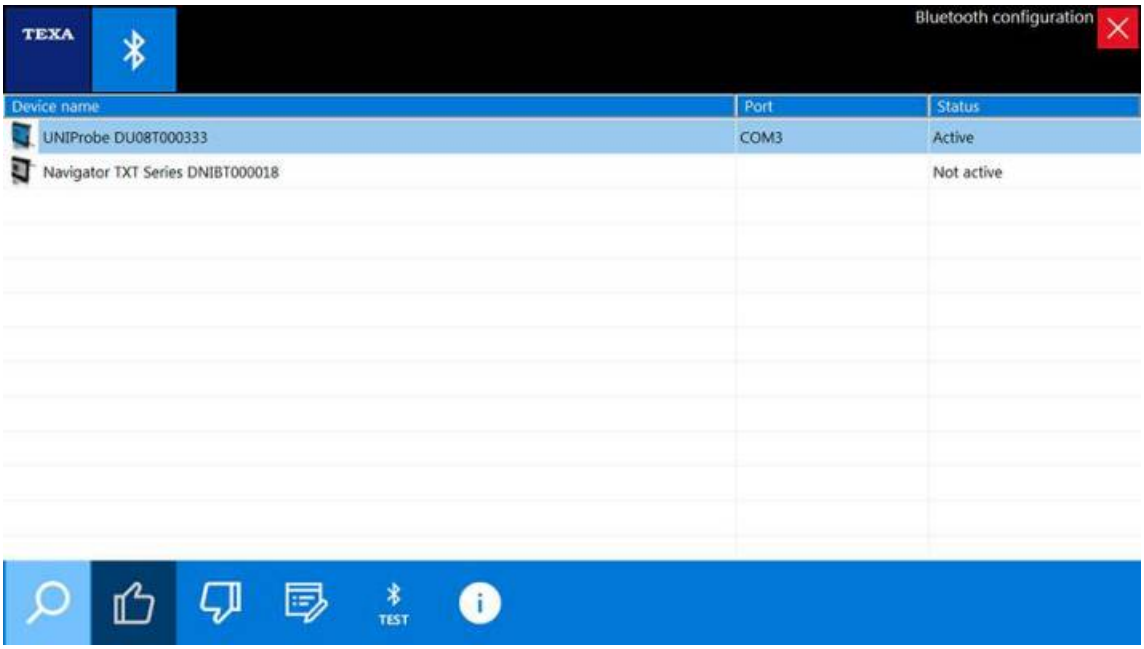
This function allows you to assign a COM to the device.

Proceed as follows:

1. Select the desired device.

2. Press  .

The device has been activated.



32.3 Assign

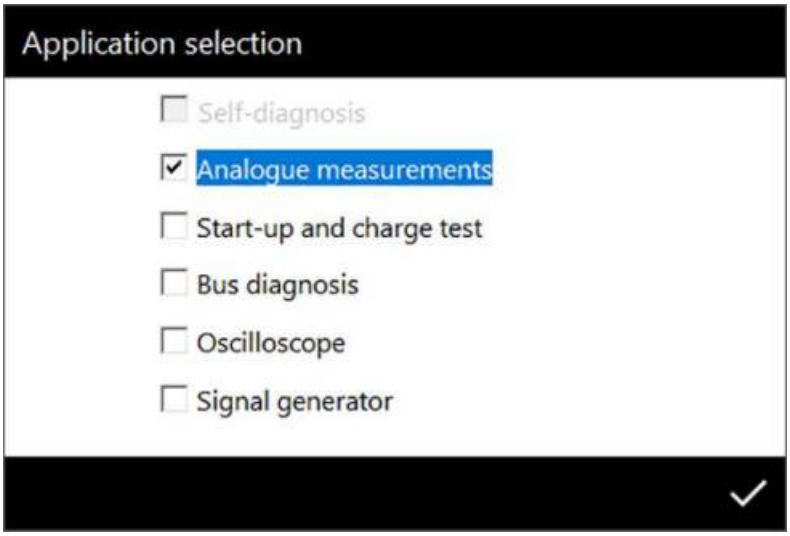
This function allows you to assign the selected device to a specific function (**Self-diagnosis**, **Analogue Measurements**, etc.).

Some devices can be assigned to more than one function.

Example: a device can be assigned to both **Oscilloscope** and **Signal Generator**.

Proceed as follows:

1. Select the desired device.
2. Press .
3. Tick the desired functions.
4. Press .



5. Press in the confirmation message.

33 CONFIGURATION WIZARD

This procedure allows you to:

- *set the information regarding the workshop that must be printed on the reports of the tests carried out;*
- *configure the devices in the workshop.*

During the communication between the software and the device, a password needed in order to confirm the communication may be requested.

The password needed in order to confirm the communication is 1234.

Register the devices on Service Code or at your authorised TEXA retailer.

NOTICE

Make sure the display unit must is connected to the Internet.

Some devices can be configured and used only if the software is installed on a display unit with the Windows 10 / Windows 11 operating system.

INFORMATION

You may have to activate a specific application in TEXA APP based on the type of device used (for example: DoIP NODE APP).

The APP only appears if the devices have been duly registered.

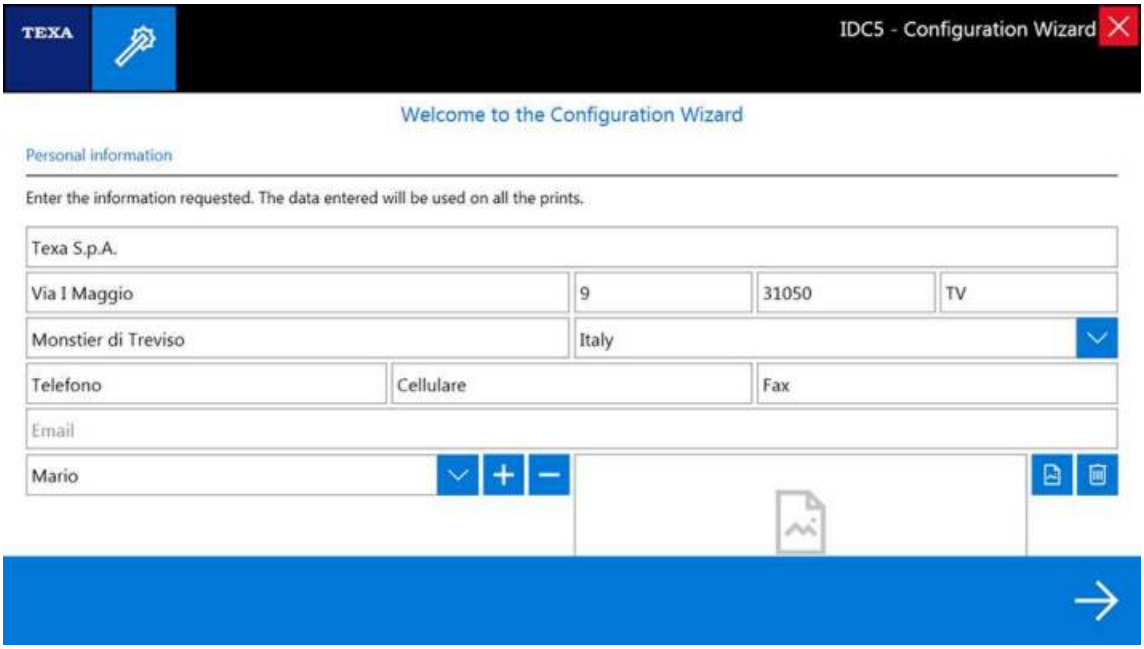
Proceed as follows:

1. Press 

The screen for entering the information is displayed.

2. Enter the required information in the specific fields.

3. Press 



Icon	Name	Description
	Open Menu	It allows opening the dropdown menu to select one of the items available.
	Add Operator	It allows adding a new operator.
	Remove Operator	It allows deleting one of the operators created previously.
	Insert Image	It allows inserting an image that will appear on the reports of the tests run (for ex.: the workshop's logo).
	Delete Image	It allows deleting the image uploaded previously.
	Next	Allows progressing in the procedure.

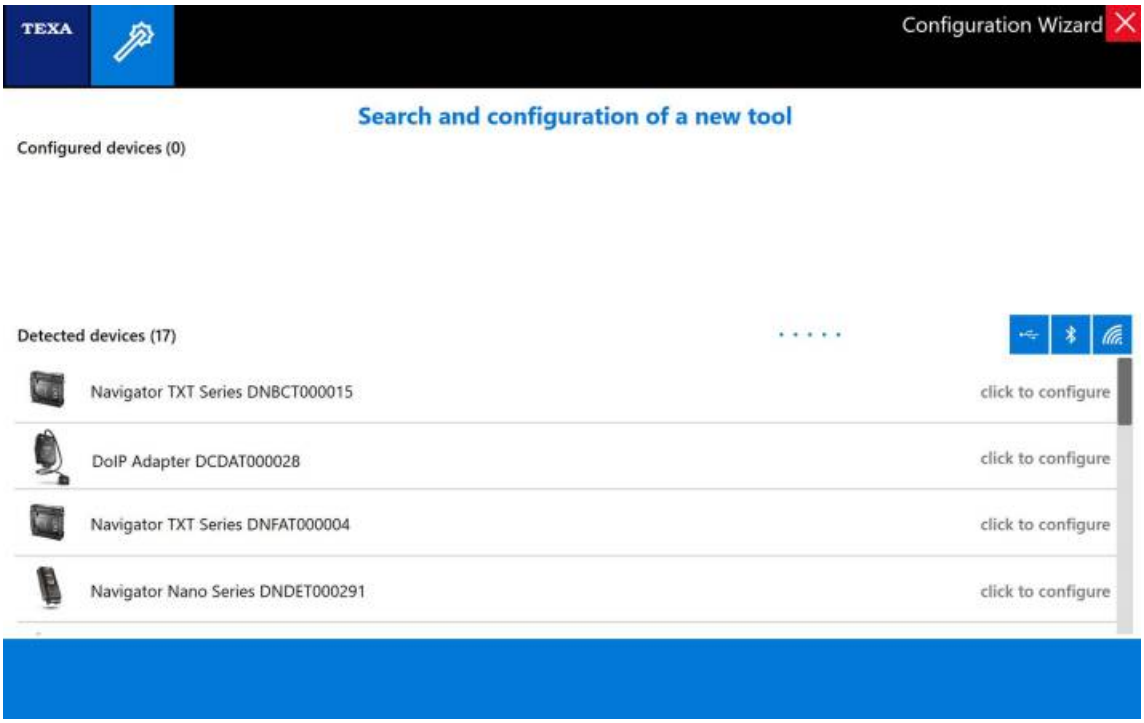
INFORMATION *For the configuration, the Wi-Fi tools must be switched on and NOT connected to Ethernet cables.*

Wait for the search for devices to complete.

The software displays the devices detected during the scan.

In particular, it provides the following information:

- *type of device;*
- *serial number of the device;*
- *type of connection detected (through an icon);*
- *status of the communication (active, not active).*



Icon	Name	Description
	USB	It indicates the status of the display unit's USB port.
	Bluetooth	It indicates the status of the display unit's Bluetooth.
	Wi-Fi	It indicates the status of the display unit's Wi-Fi network.

The icons in this screen provide information on the status of the communication itself.

Here below there is an example:

Icon	Meaning
	Status active.
	Status not active. Check the ***System Settings*** of the display unit.

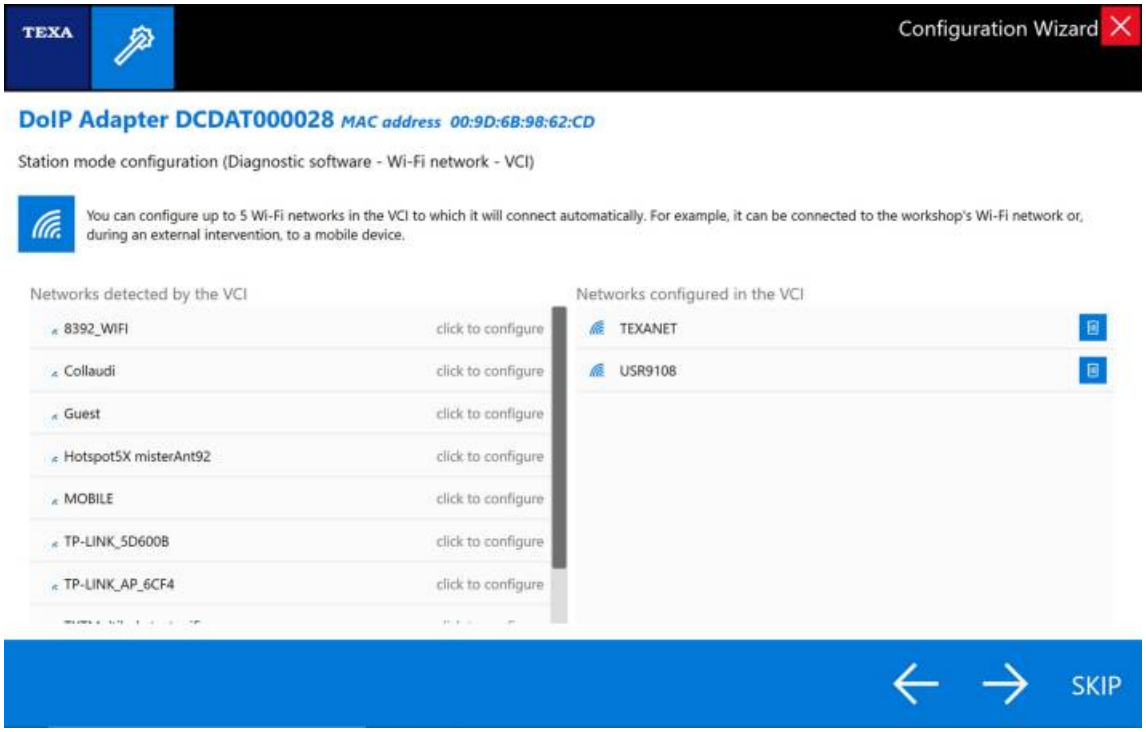
4. To configure, press on the desired device.

The configuration is launched.

NOTICE

To configure the Bluetooth laser distance measurers used in the units RCCS 3 BT and CCS 2 DYNAMICS, refer to the paragraph **Configuration of the Bluetooth laser distance measurers**.

For the devices with Wi-Fi technology, you must configure the Wi-Fi network to which it will connect automatically.

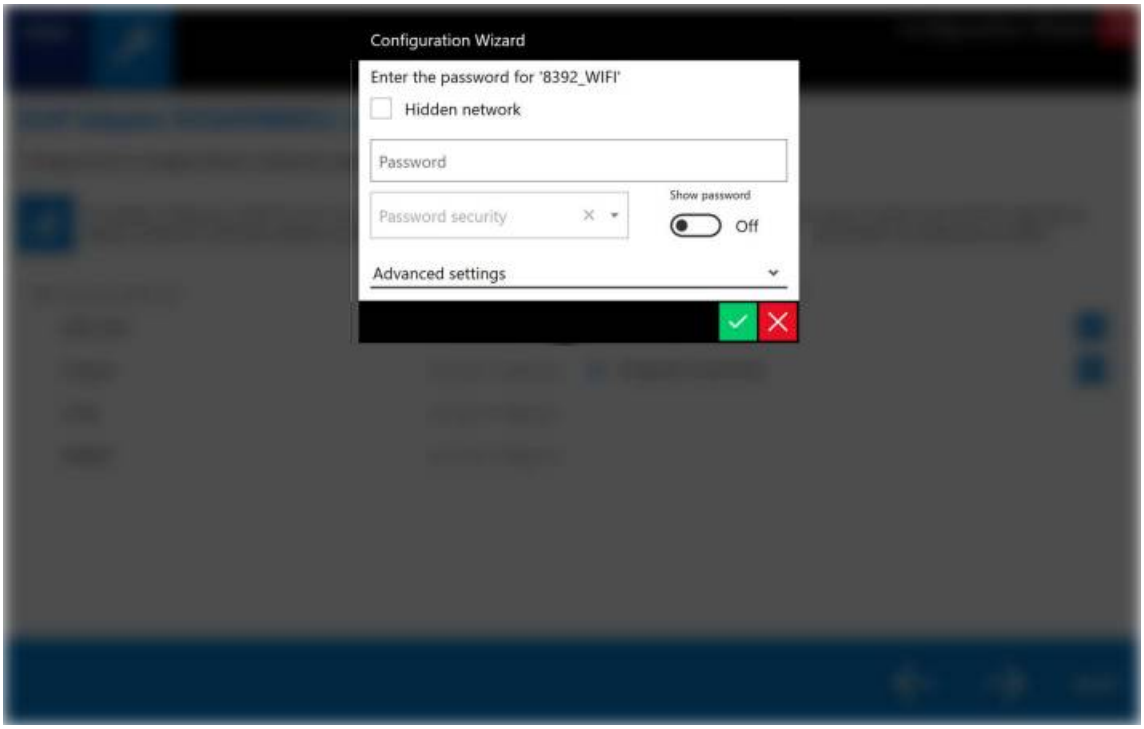


Icon	Name	Description
	Up arrow	It allows switching to the previous element.
	Down arrow	It allows switching to the next element.
	Delete network	It allows deleting the configured network.
TEST	Test	It allows testing the network.
	Back	It allows you to return to the previous page.
	Next	It allows you to move on to the next page.
SKIP	Skip	It allows skipping the procedure.

The screen is divided into:

- *networks detected by the VCI;*
- *networks configured in the VCI;*

5. Press on the detected network that must be configured.



6. Enter the Wi-Fi network's password (if required).

INFORMATION

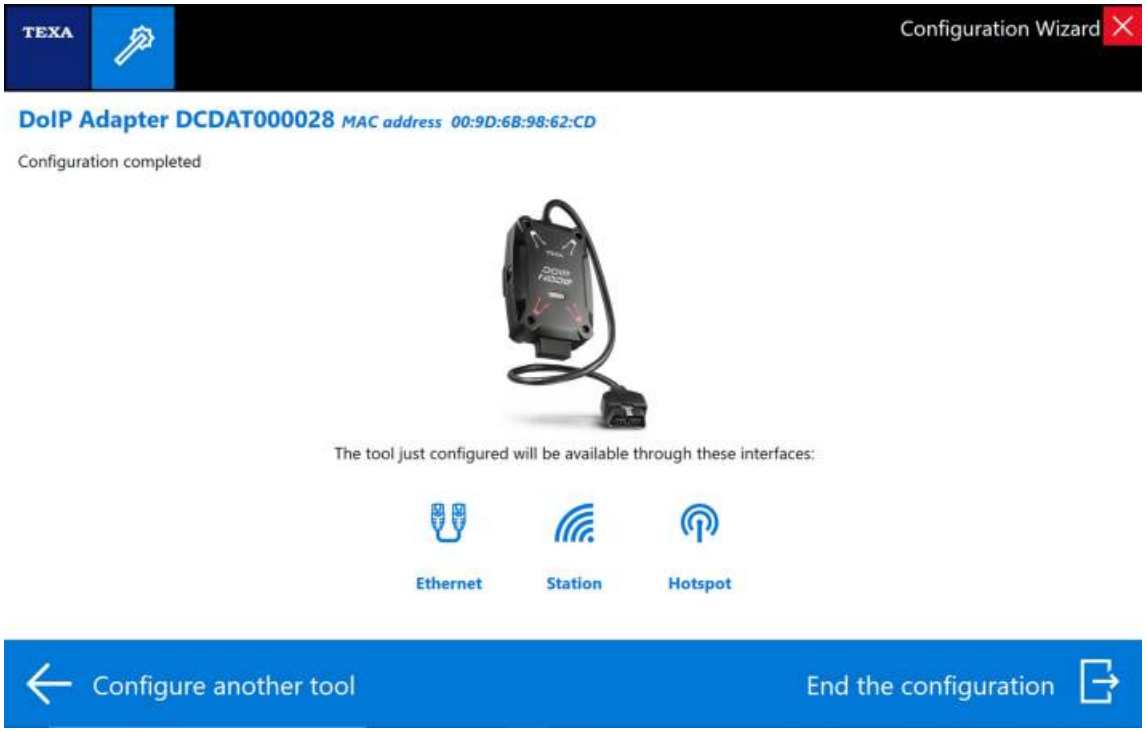
Make sure the same Wi-Fi network is configured for both the software display unit and the device.

The Wi-Fi diagnostic device will not work if the data related to the workshop's network was not entered correctly.

The Wi-Fi communication between the diagnostic device and the display unit is reserved to DoIP and CAN diagnostic operations.

Follow the information that appear on screen.

Do not interrupt the configuration procedure if not needed.



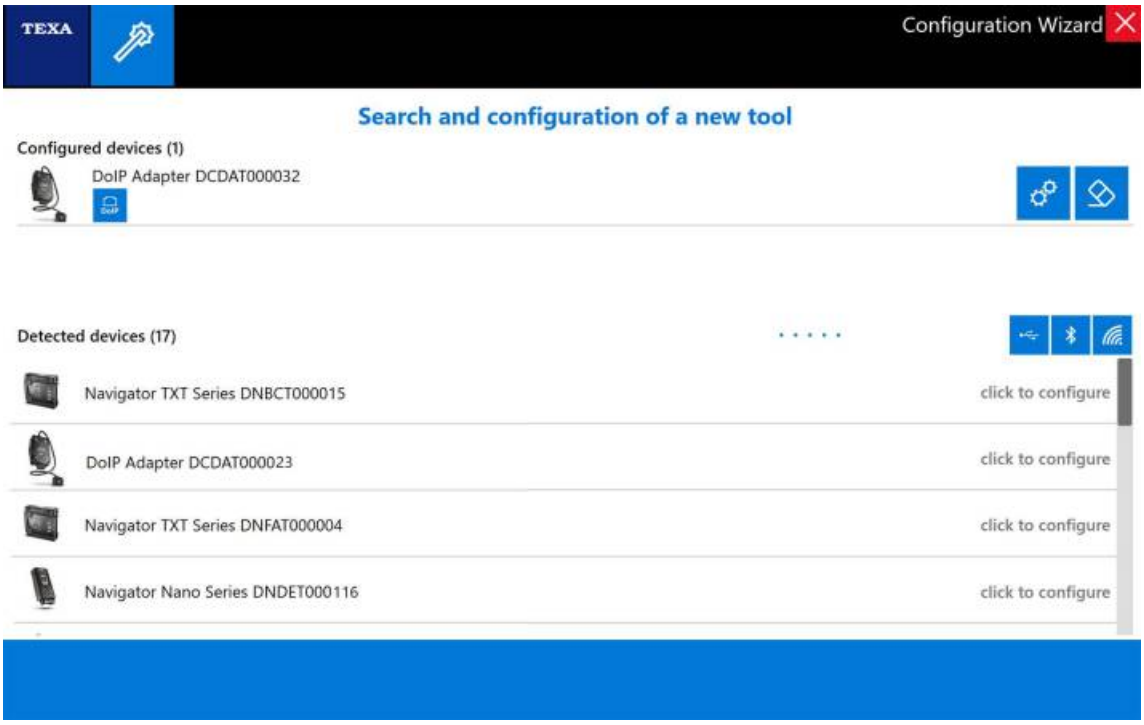
The configured devices are available for all or only some of the following interfaces.

Icon	Name	Description
	USB	It allows using the device through a USB communication.
	Bluetooth	It allows using the device through a Bluetooth communication.
	Station	It allows using the device through a connection with the internal Wi-Fi network (router-modem). **The Wi-Fi communication between the diagnostic device and the display unit is reserved to DoIP and CAN diagnostic operations.**
	Hotspot	It allows using the device in direct communication as a Wi-Fi network (point-point). **The Wi-Fi communication between the diagnostic device and the display unit is reserved to DoIP and CAN diagnostic operations.**
	Ethernet Cable	It allows using the device through a direct communication via a network cable (point-point). **The communication via Ethernet cable between the diagnostic device and the display unit is reserved to vehicle with Standard ISO 13400.**

The icons in this screen provide information on the status of the communication itself.
Here below there is an example:

Icon	Meaning
	Communication active.
	Communication not configured. To retry the configuration of the communication press .

7. To complete the configuration press .
The summary screen is displayed.



Icon	Name	Description
	Settings	It allows you to access the configuration settings of the diagnostic device.
	Delete Configuration	It allows deleting the related configuration.

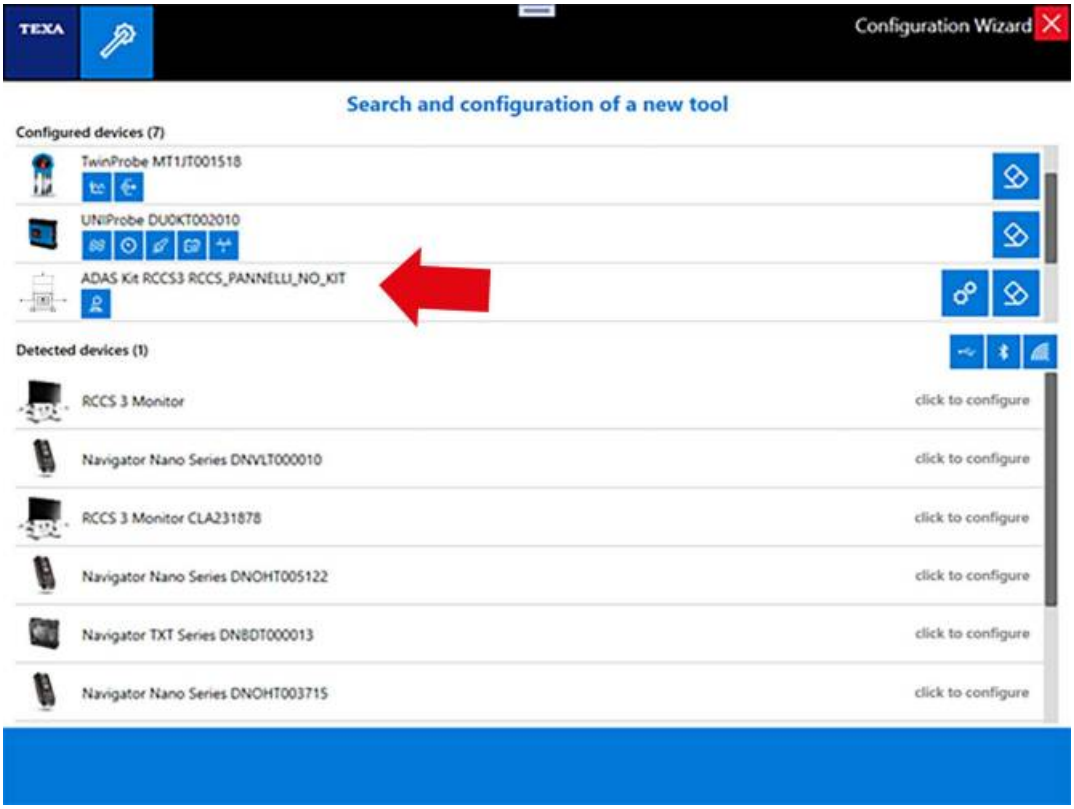
33.1 Configuration of the Bluetooth laser distance measurers

Before using the diagnostic functions for the units **RCCS 3 BT** and **CCS 2 DYNAMICS**, you must configure the Bluetooth laser distance measurers.

The configuration is different based on whether the unit has PANELS or a MONITOR.

33.1.1 Configuration of Bluetooth devices on units with PANELS

After launching the **Configuration Wizard** procedure, select the device among the **configured** ones.

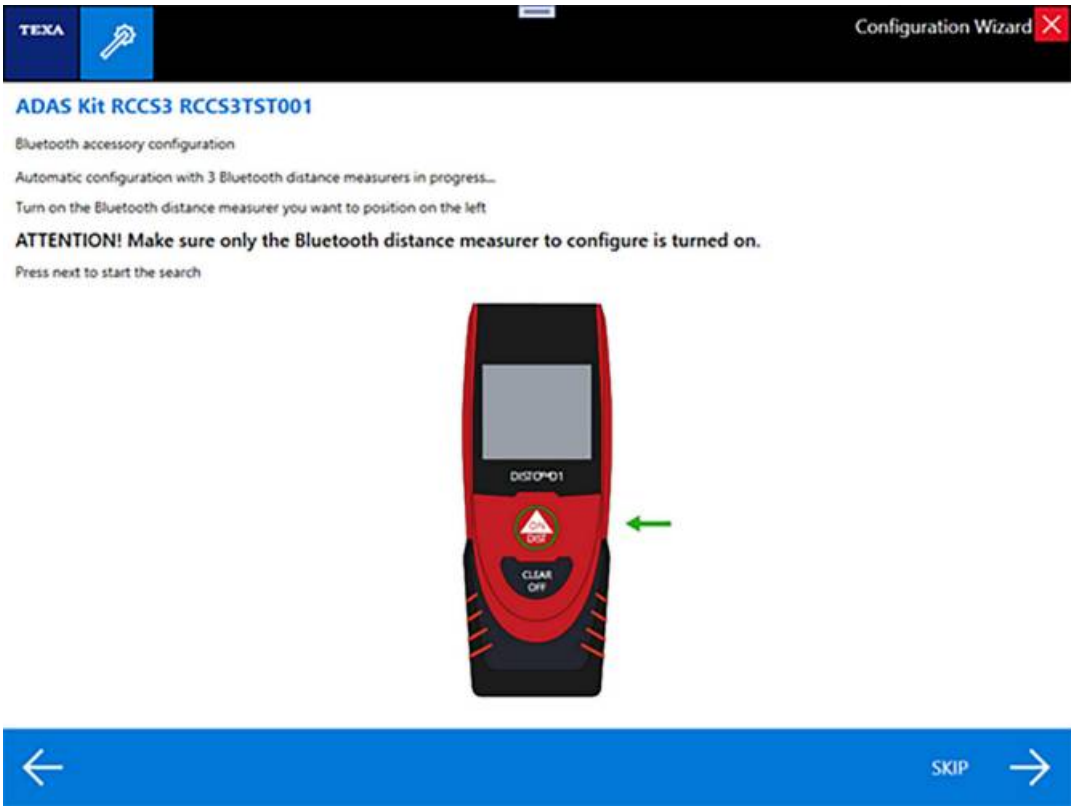


Proceed with the configuration of the Bluetooth distance measurers.

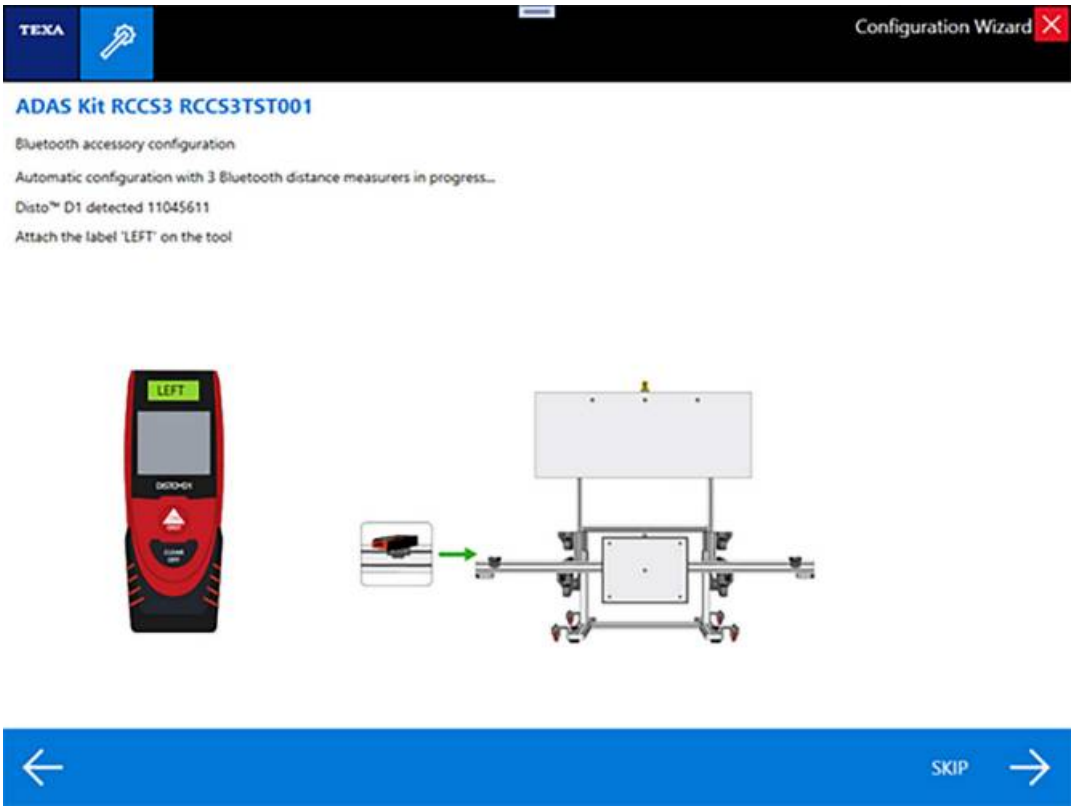
The positioning of the distance measurers is established by looking at the unit frontally from the calibration panel.

MAKE SURE ALL DISTANCE MEASURERS ARE OFF.

1. Turn on the left distance measurer by pressing the ON button.



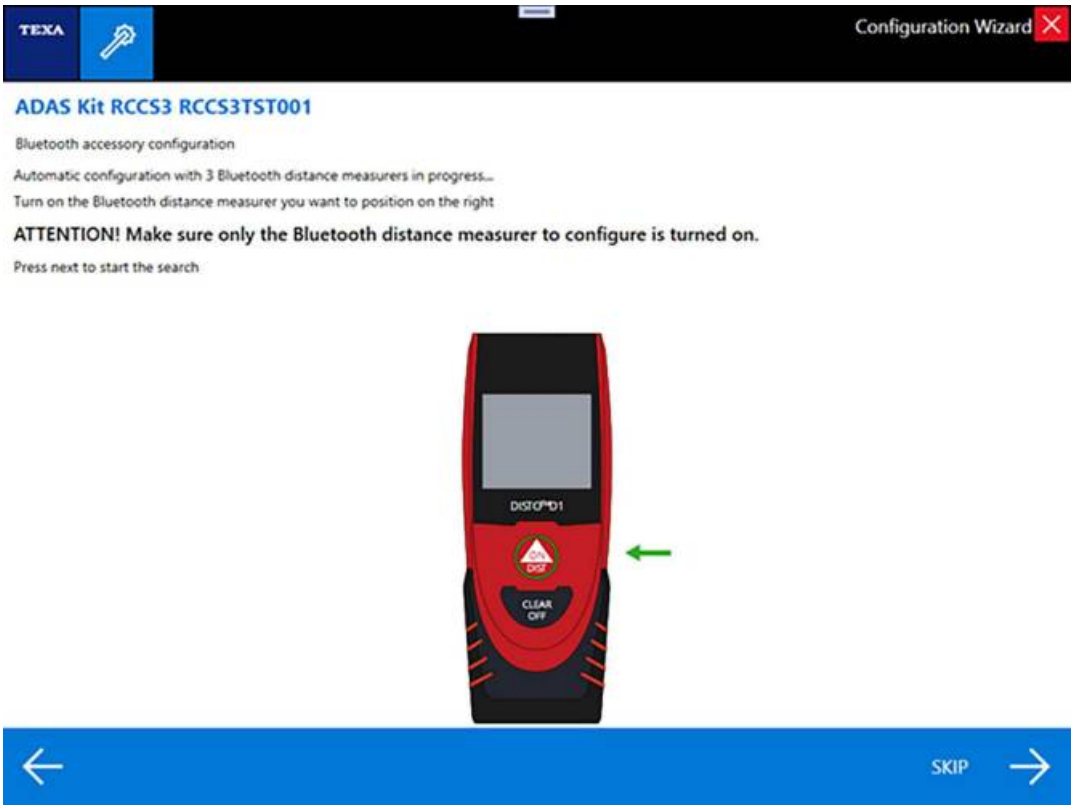
2. Wait for the configuration to complete.



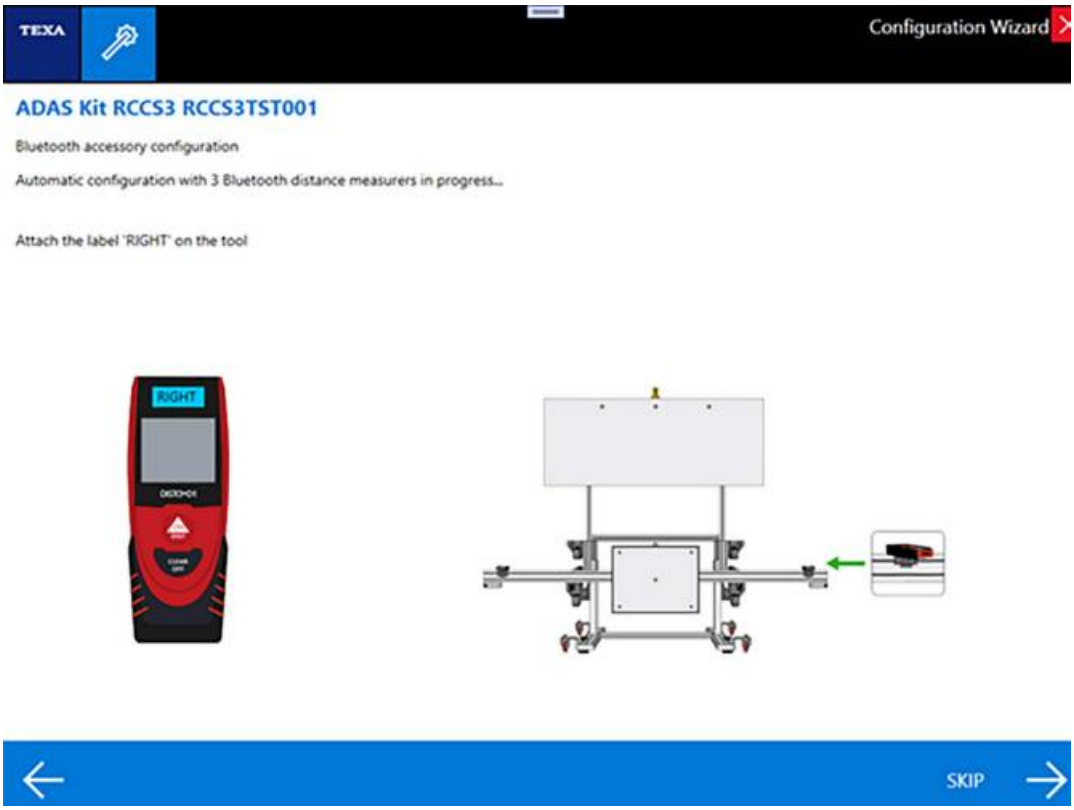
3. Press 

4. Apply the **LEFT** label on the distance measurer.
5. Turn off the left distance measurer by **pressing and holding** the OFF button.

6. Turn on the right distance measurer by pressing the ON button.



7. Wait for the configuration to complete.



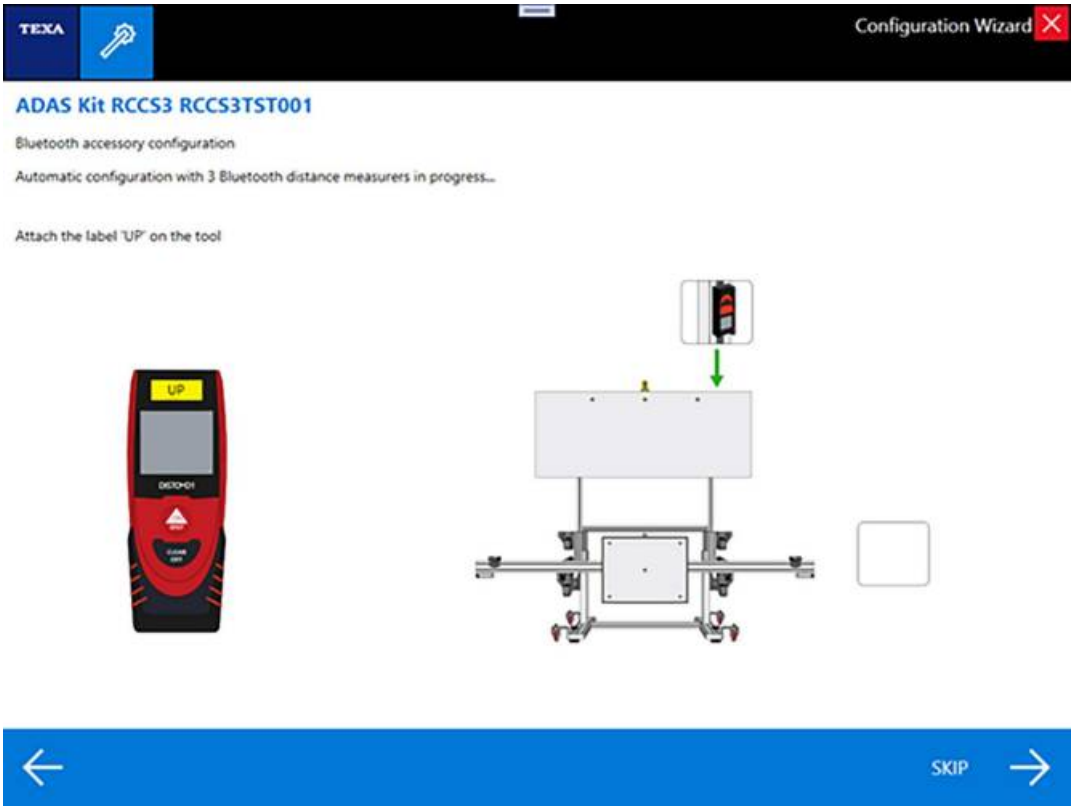
8. Press 

9. Apply the **RIGHT** label on the distance measurer.
10. Turn off the right distance measurer by pressing and holding the OFF button.

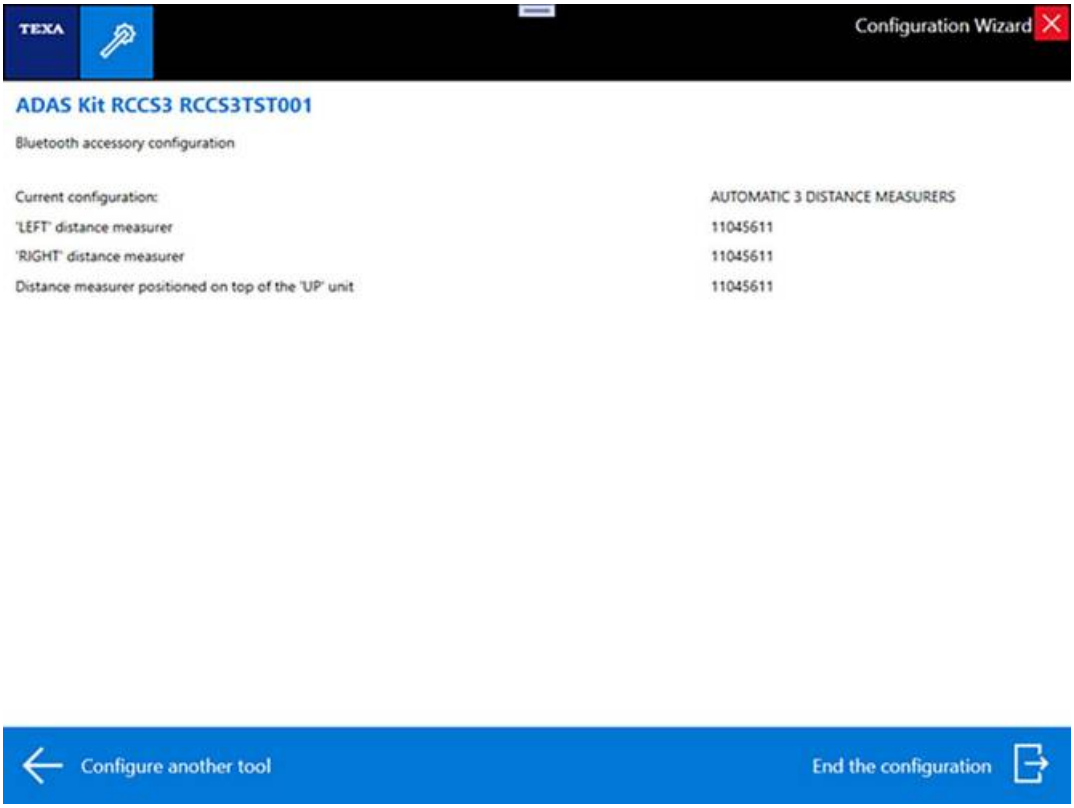
We recommend configuring a third distance measurer.

Proceed as follows:

11. Turn on the upper distance measurer by pressing the ON button and wait for the configuration to complete.



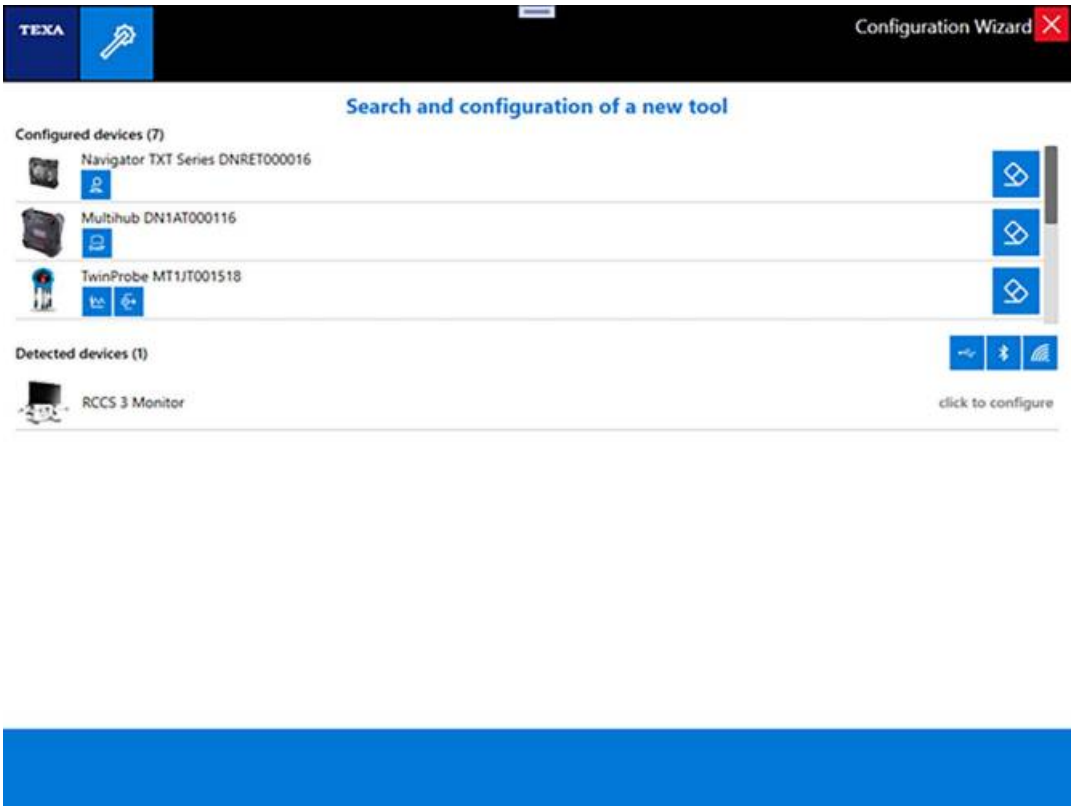
12. Press 
13. Apply the **UP** label on the distance measurer.
14. Turn off the distance measurer **by pressing and holding** the OFF button.


TEXA
Configuration Wizard
ADAS Kit RCCS3 RCCS3TST001
Bluetooth accessory configuration
Current configuration:
AUTOMATIC 3 DISTANCE MEASURERS
'LEFT' distance measurer
11045611
'RIGHT' distance measurer
11045611
Distance measurer positioned on top of the 'UP' unit
11045611
Configure another tool
End the configuration

15. Press 

33.1.2 Configuration of Bluetooth devices on units with MONITOR

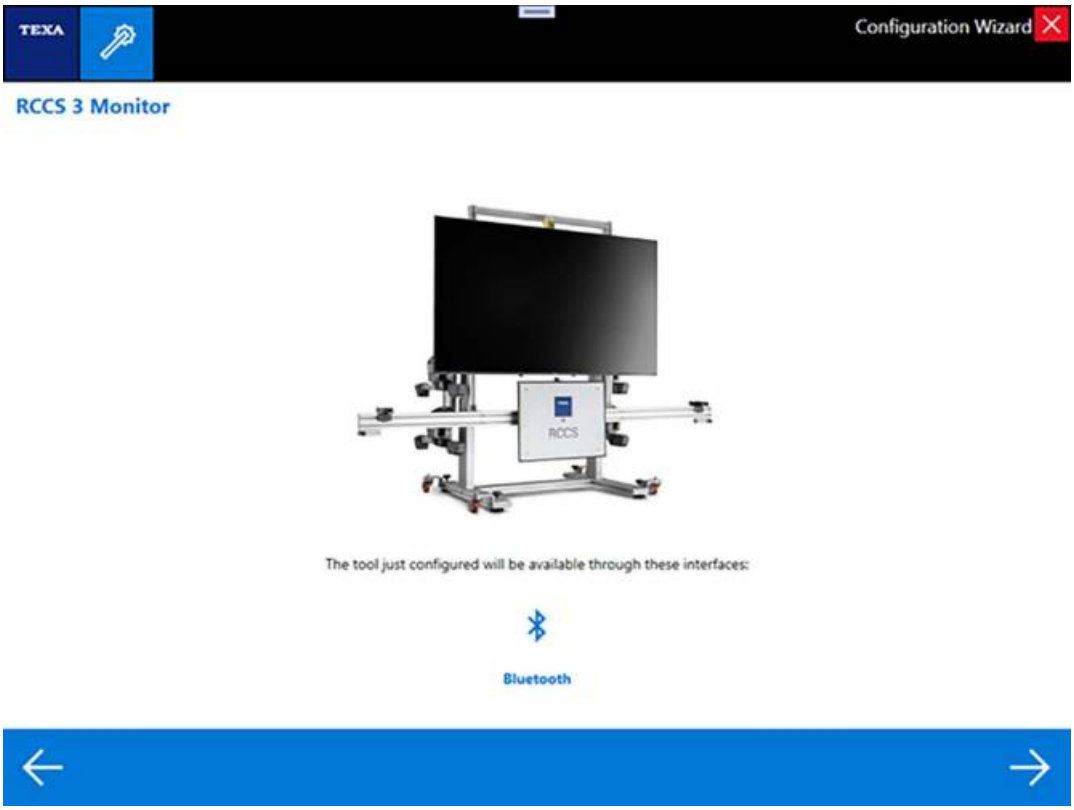
After launching the **Configuration Wizard** procedure, select the device among the **detected** ones.



The configuration is launched.

Do not interrupt the configuration procedure if not needed.

1. Press 

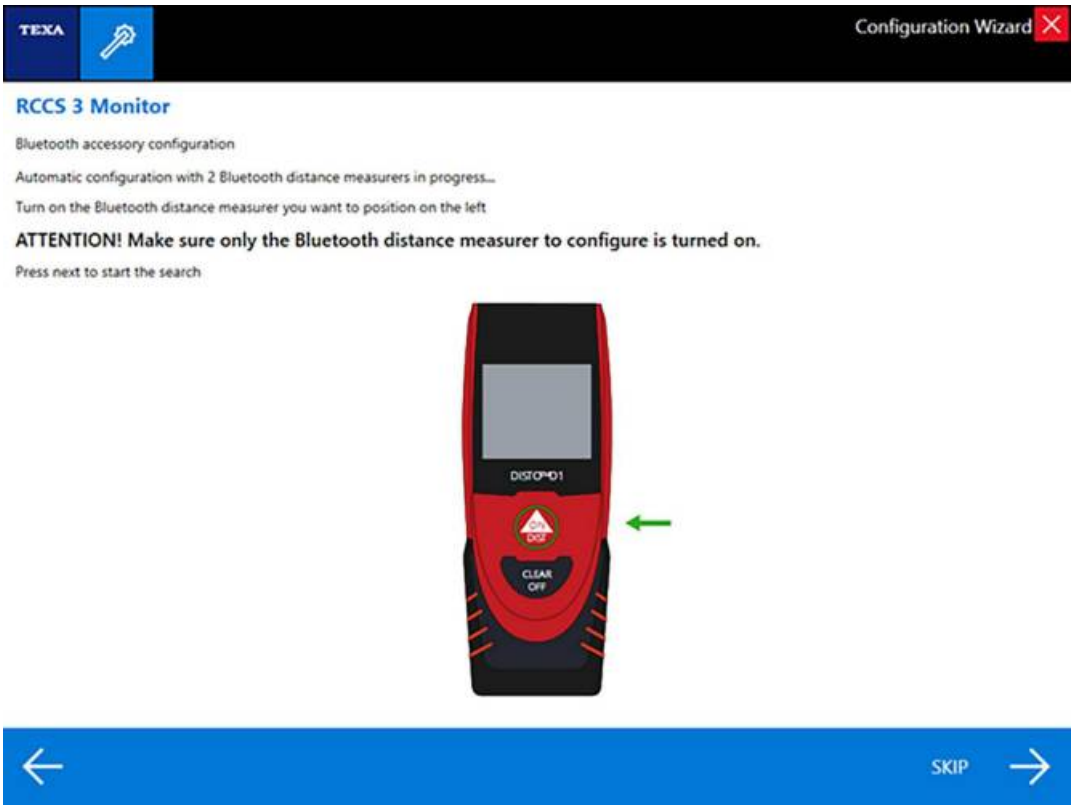


Proceed with the configuration of the Bluetooth distance measurers.

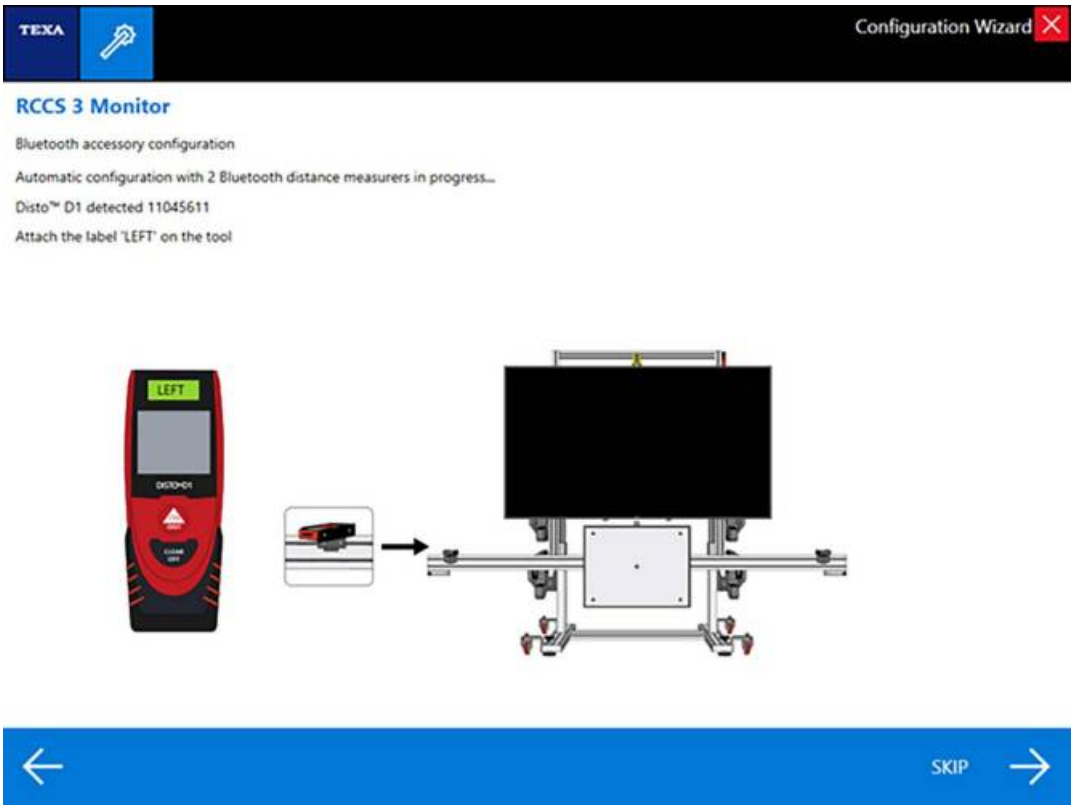
The positioning of the distance measurers is established by looking at the unit frontally from the TV monitor.

MAKE SURE ALL DISTANCE MEASURERS ARE OFF.

2. Turn on the left distance measurer by pressing the ON button.



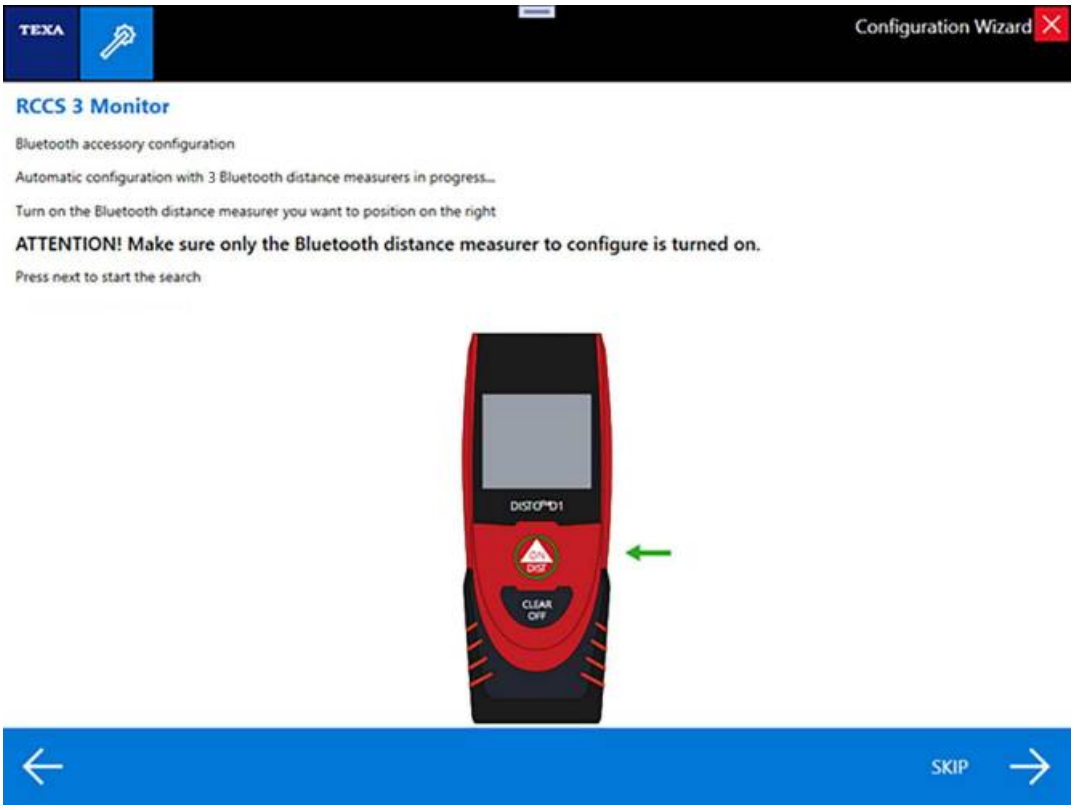
3. Wait for the configuration to complete.



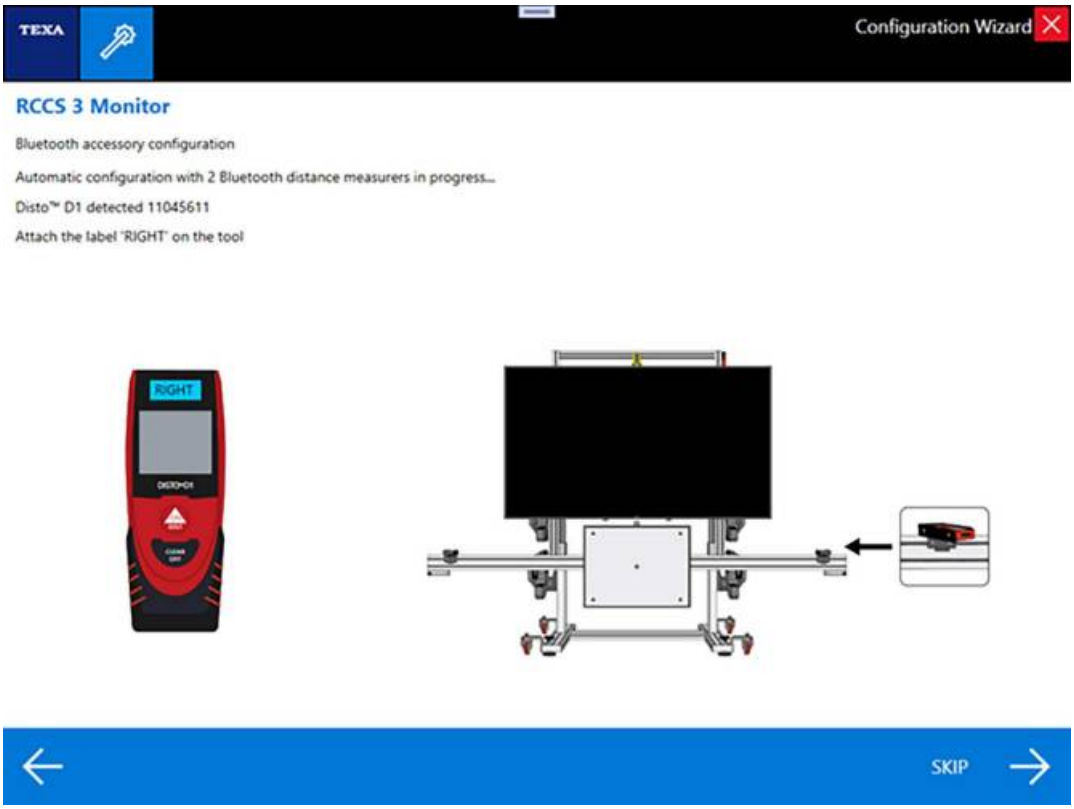
4. Press 

5. Apply the **LEFT** label on the distance measurer.
6. Turn off the left distance measurer by **pressing and holding** the OFF button.

7. Turn on the right distance measurer by pressing the ON button.



8. Wait for the configuration to complete.



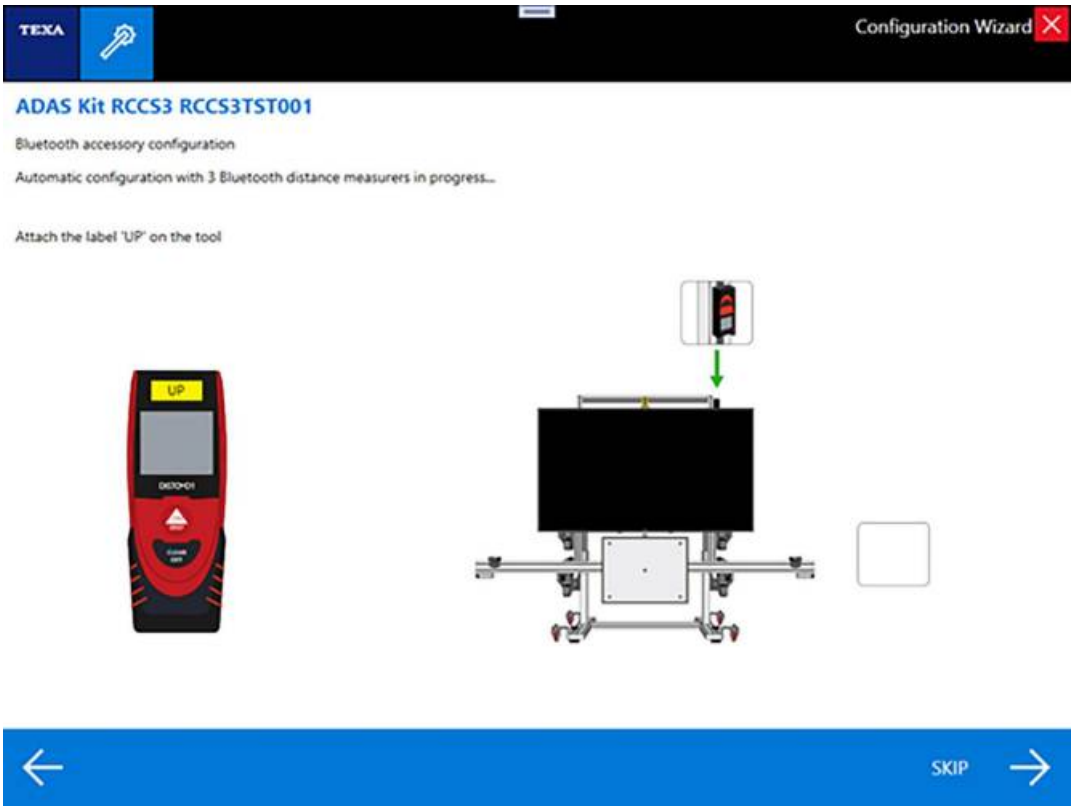
9. Press 

10. Apply the **RIGHT** label on the distance measurer.

11. Turn off the right distance measurer by pressing and holding the OFF button.

If you need to configure a third distance measurer, proceed as follows:

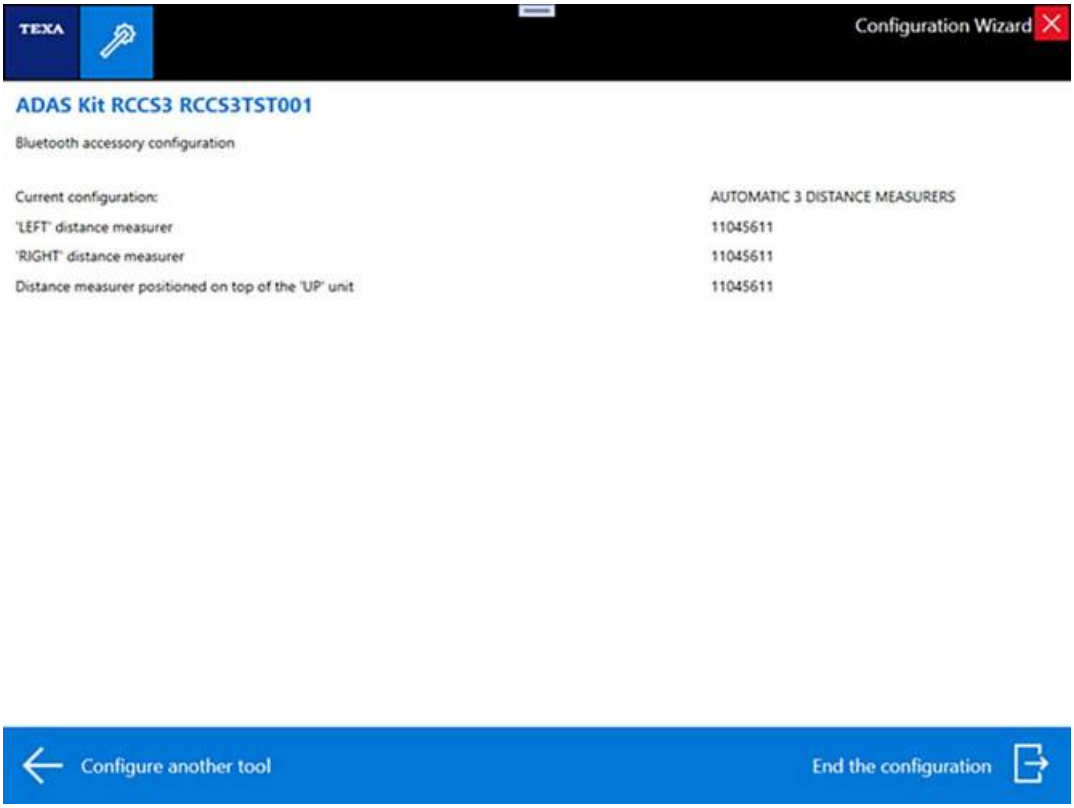
12. Turn on the upper distance measurer by pressing the ON button and wait for the configuration to complete.



13. Press 

14. Apply the **UP** label on the distance measurer.

15. Turn off the distance measurer **by pressing and holding** the OFF button.


TEXA
Configuration Wizard
ADAS Kit RCCS3 RCCS3TST001
Bluetooth accessory configuration
Current configuration:
AUTOMATIC 3 DISTANCE MEASURERS
'LEFT' distance measurer
11045611
'RIGHT' distance measurer
11045611
Distance measurer positioned on top of the 'UP' unit
11045611
Configure another tool
End the configuration

16. Press