

Diagnostic solutions **MARINE**



TEXA

Specialists in multi-brand diagnostics

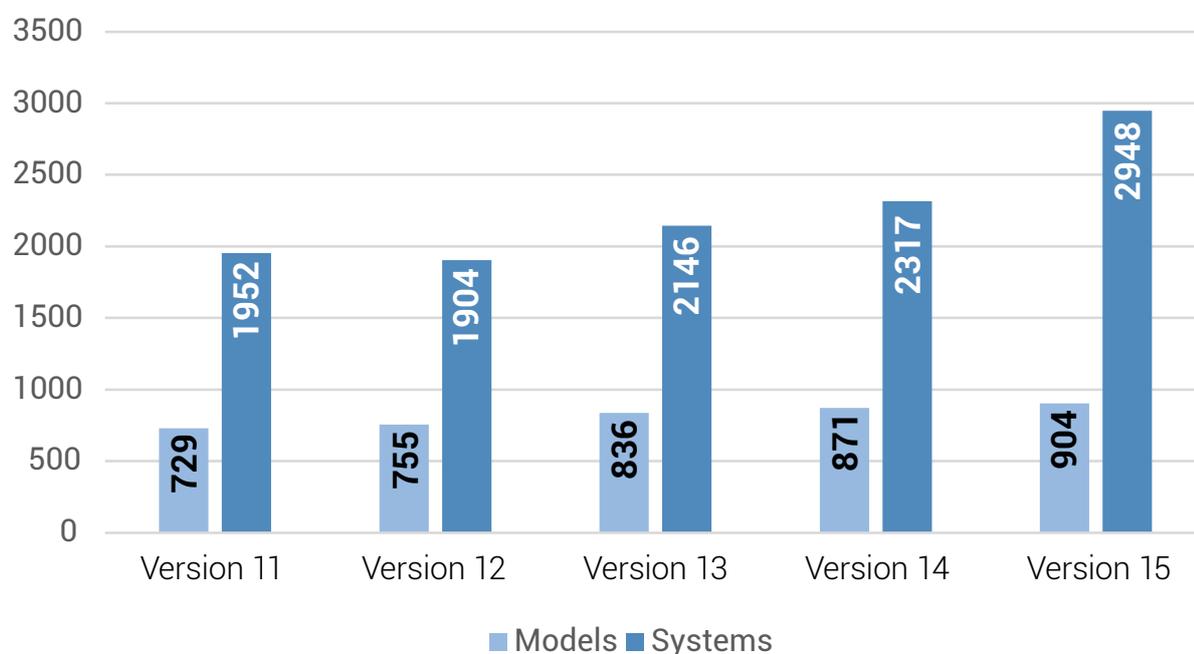
Electronic injection, engine and helm management, electronic throttle, drivetrain, electronic systems for galvanic corrosion control, engine compartment.

It is unthinkable for a multi-brand workshop to carry out repair interventions on modern marine engines without the support of valid electronic diagnostics to detect errors, adapt control units, activate components, perform adjustments, reset values.

Having an adequate diagnostic tool is essential in order to remain competitive in the marine engines repair market.

TEXA's diagnostic tool allows mechanics to solve more faults in less time and with certainty. To improve their service to customers and the workshop's accounts.

TEXA is constantly studying vehicles in circulation all over the world and continuously increasing its **diagnostic coverage**; through **continuous updates** and software releases, it allows subscribed vehicle repairers to have a tool that covers a very large number of makes, models and systems of **inboard motors, outboard motors, industrial engines/generator sets, PWC (Personal Watercrafts)**.



IDC5
COVERAGE
UPDATE

2.948 systems covered for 904 models,
today **+27%** diagnostic coverage over 12 months



**FOR ALL
MAKES**

**INBOARD
OUTBOARD
PWC (PERSONAL
WATERCRAFTS)**

**TECHNICAL
SUPPORT CONTENTS**

**CONTINUOUS
UPDATES**

**INTUITIVE
AND PRACTICAL
SOFTWARE**

The multi-brand product chosen by manufacturers

The MARINE IDC5 software and the NAVIGATOR TXB Evolution interface have been chosen as the official diagnostic solution by the prestigious makes **SELVA Marine** and **TOHATSU Italy**.



The best of diagnostics in a single solution

TEXA's **diagnostic solution** for the MARINE diagnostic environment consists in **AXONE NEMO 2**, quick and powerful display unit, and **NAVIGATOR TXB Evolution** or NAVIGATOR TXTs, very robust vehicle interfaces that are perfect for communicating with vessels and marine engines.

The display unit and the vehicle interface interconnect via Bluetooth and communicate with the vehicle's electronic control units, guaranteeing **levels of speed and performance that are simply unrivalled** in the world of multi-brand diagnostics.

TEXA also means great **ease of use and versatility**: in fact, the vehicle interfaces Navigator TXB Evolution and NAVIGATOR TXTs are also **compatible** with **Personal Computers** with a Windows operating system.



AXONE NEMO 2

AXONE NEMO 2 is a **reference point** in the world of diagnostic tools.

Designed for continuous use in the harsh workshop environment, it is a **quick, robust, waterproof** tool that is also easy to handle and **able to withstand the hardest knocks**.

It boasts exceptional technological features: it has a 12-inch **capacitive screen** with 2160x1440 resolution, perfectly **visible even in bright sunlight**.

Inside, the **Windows 10 Enterprise** operating system is powered by an **Intel® Pentium Quad Core N5000 "Gemini Lake"** processor, with **8 GB** of RAM and **250 GB** of storage.

Built on a multi-environment logic, thanks to the IDC5 software it can operate not only on vehicles of the MARINE category but also on cars, heavy-duty vehicles, bikes, agricultural and construction vehicles.

NAVIGATOR TXB Evolution

Compatible with all the currently existing protocols and with all MARINE diagnostic cables. Its hardware features make it compatible with all current protocols and its built-in 16-pin CPC connector allows the use of all the diagnostic cables.

Extremely powerful, equipped with a **16 MBit SRAM** and an **8 GBit NAND Flash** storage memory; these are very important features as they allow the mechanic to manage the map files easily.

The supported CAN standards include the CAN single wire management and an extra CAN controller for the diagnosis on more than one network.

It also allows recording the **dynamic diagnostic session***.



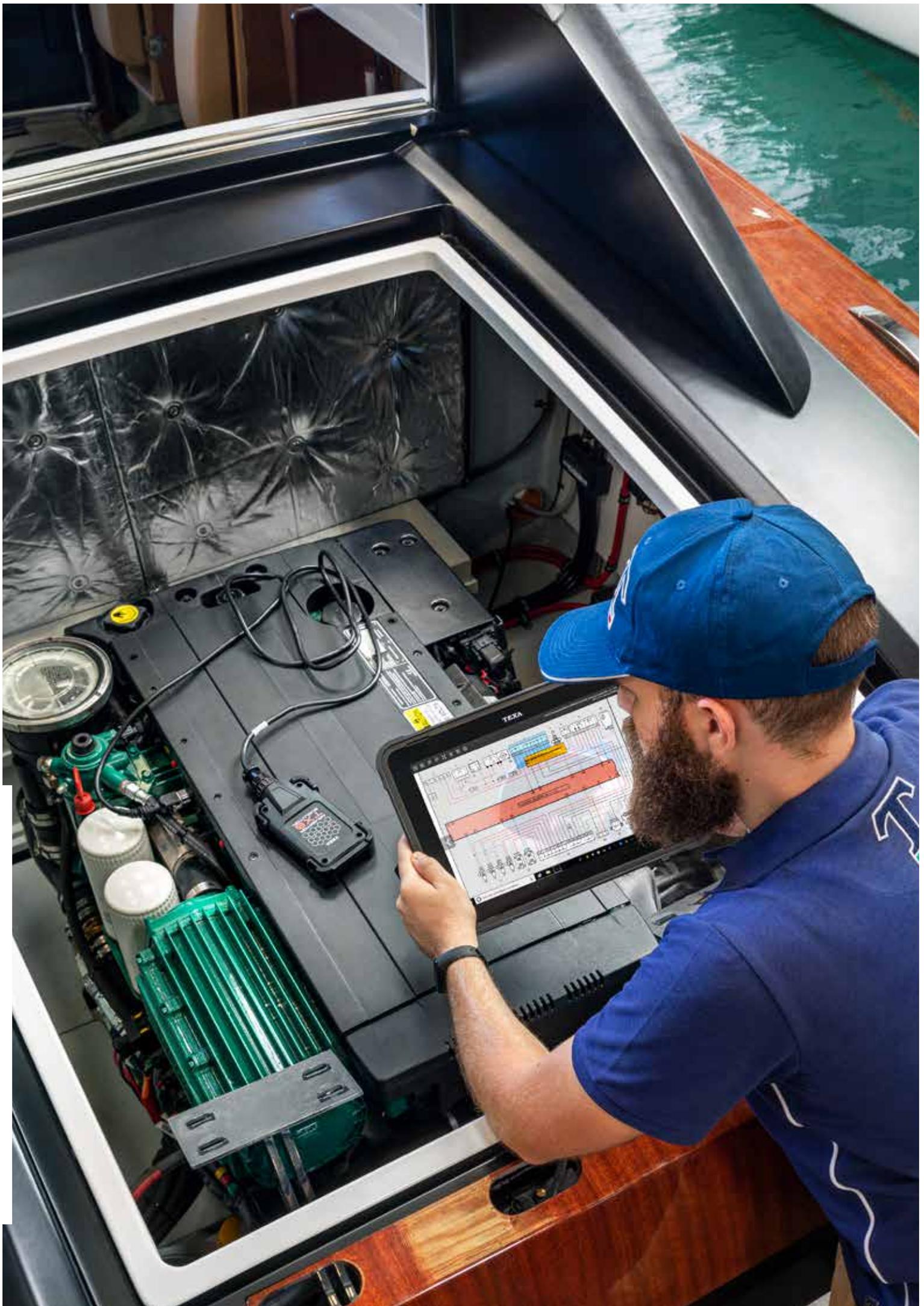
*For the diagnostic tests while moving, carefully read and follow the prescriptions you find at: www.texa.com/test-drive. TEXA S.p.A. is not liable for any damage resulting from an improper and non-compliant use of the indications, sequences and phases indicated in the page mentioned above, in the guide and in the product's user manual.

NAVIGATOR TXTs

The NAVIGATOR TXTs is the most powerful, highest performer of TEXA's vehicle interfaces and lets you work in the **CAR, TRUCK, BIKE, OFF-HIGHWAY** and **MARINE** environments. You can use it to run autodiagnostic tests, view parameters, status, activate devices, perform adjustments and configurations, reset warning lights, maintenance, service and airbag indicators, configure ECUs, program keys and remotes and much more. The NAVIGATOR TXTs is **compatible with PASS-THRU protocol***, which allows workshops to connect to manufacturers' central servers and download software packages or official technical information.



*Go to www.texa.com/passthru to verify compatibility and the functions made available by individual vehicle makers.



The software that transforms data into solutions

The **IDC5 MARINE** software is **complete, practical** and **intuitive**, extremely quick to access communication with motorcycles and rapid in all diagnostic phases, from the error identification to its solution.

Nominal values associated with the error, technical data sheets, interactive wiring diagrams contain an extraordinary experience in the world of marine engines and thousands of successfully solved problems.



Special adjustments

The IDC5 software offers a wide range of special adjustments that go beyond the ordinary vehicle servicing, such as:

CATERPILLAR

- Injector configuration

CUMMINS

- Idle speed adaptation

EVINRUDE

- Oil type setting
- Winterisation MAN MARINE
- Cylinder compression and cut-out test

MERCURISER

- Ignition advance adjustment
- Lever configuration

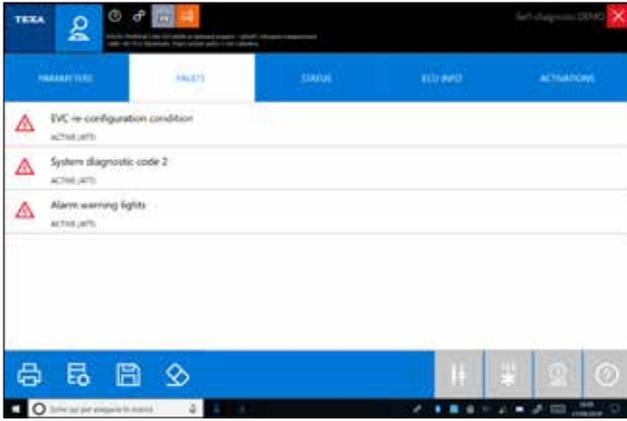
MERCURY

- Lever configuration
- Instrumentation configuration

SEA DOO

- Key registration
- Vehicle configuration change
- Key registration with Key Adapter
- CAN network alignment
- 99 HP limitation
- Service reset

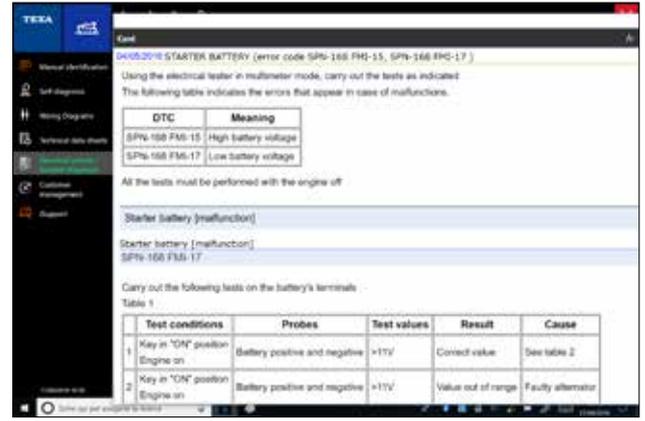
Errors



This page instantly displays all the **errors in the vehicle**, with the related codes and descriptions. From this page, the error reading and clearing can be carried out in a single click, as well as a self-diagnosis test on the selected system.



Nominal values



Useful to solve a **fault associated with an error code** detected in self-diagnosis. They provide a tree diagram to solve the fault.

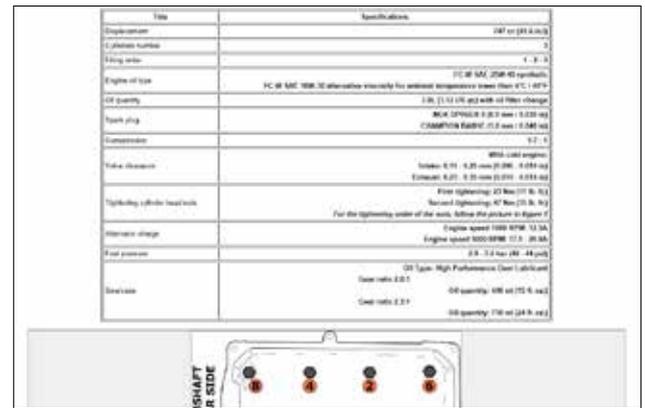
Data sheets



Very accurate **information on the selected vehicle**, including instructions for performing a manual service reset, overviews of specific mechatronic systems and much more.



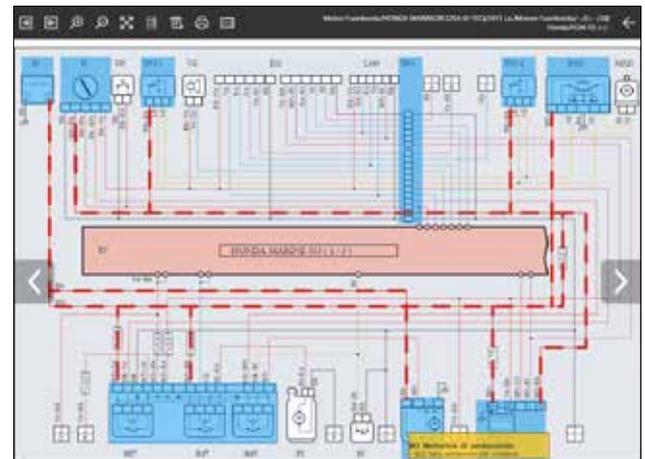
Technical data



These sheets provide **technical information on the engine** and indications on the **maintenance plan**.



Interactive wiring diagrams



The **animations of the relevant devices** create an interactive map with the flow of input and output signals to/from the control units.

STEYR MOTORS

- Idle speed adjustment

YAMAHA

- Lever configuration

VOLVO PENTA

- Ignition advance adjustment
- Compression test

Team and technology at the workshop's service

Purchasing a MARINE diagnostic solution allows you to access a **complete range of functions and services** that are essential for the complex activity of vehicle repairing, today and in the future, and to remain **up-to-date and constantly in direct touch with TEXA**.



TECHNICAL BULLETINS

It allows **accessing information on frequent problems and related repair procedures**, operating principles of a specific electronic-mechanical system, methods to rapidly find a solution to a problem. All this through documents stored by vehicle, enhanced with easy-to-interpret comparative tables and images.



iSUPPORT

It allows getting in touch with TEXA's customer support centre and receiving assistance by qualified technicians, who guide customers throughout troubleshooting in a few easy steps.

A training programme to be always "ahead of the game"

TEXA believes offering customer training to be particularly important. Adequate technical competence and the correct use of diagnostic tools are critical to the success of a workshop business. The teaching methods used in TEXA courses are based on an ideal mix of theory and practical elements. Practice plays a fundamental part, as it combines testing and simulations with use of the technicians' own TEXA diagnostic tools, thus stimulating a more active and dynamic participation and effective learning.



P5M: USE OF DIAGNOSIS AND TEXA MARINE SOFTWARE - ONLINE

AIMS: Learn the operation of the systems for marine engine electronics management, the management of the communication with the on-board instrumentation in a boat, how to carry out the self-diagnosis with the procedures for connecting to the on-board control units and the codings that can be performed using TEXA tools.

DURATION: 4 hours

Unrivalled coverage

IDC5
COVERAGE
UPDATE

The **IDC5 MARINE** software is available in two configurations. The **BASIC** version is ideal for professionals who operate on outboard engines, personal watercrafts and inboard engines of the most common makes in pleasure boating. In addition to the contents of the BASIC version, the **PLUS** version widens the coverage of makes/models and extends diagnostics to the marine engines for professional use or installed on larger vessels.

IDC5 BASIC

INBOARD

CRUSADER ENGINES
CUMMINS MERCUISER DIESEL
ILMOR
INDMAR
KODIAK MARINE
MARINE POWER
MERCUISER
MERCURY DIESEL
MERCURY RACING
PANTHER AIRBOATS
PCM MARINE ENGINES
VOLVO PENTA

OUTBOARD

EVINRUDE
HONDA MARINE
JOHNSON
MARINER
MERCURY
MERCURY RACING
PARSUN
SELVA MARINE
SEVEN MARINE
SUZUKI MARINE
TOHATSU OUTBOARDS
YAMAHA MARINE

PWC (PERSONAL WATERCRAFT)

HONDA MARINE
KAWASAKI MARINE
SEA-DOO (BRP)
YAMAHA MARINE

IDC5 PLUS

(INTEGRATION TO IDC5 BASIC SOFTWARE)

INBOARD

CATERPILLAR
CFMOTO
CUMMINS MARINE
DAEDONG
DAF MARINE
FNM MARINE
FORD MARINE
FPT (FIAT POWERTRAIN TECHNOLOGIES)
HYUNDAI SEASALL
JOHN DEERE
LOMBARDINI MARINE
MAN MARINE
MTU
NANNI
PERKINS
SCANIA MARINE
SISU
STEYR MOTORS
VM MOTORI
VOLKSWAGEN MARINE
YANMAR

INBOARD ENGINE SPEEDBOAT

SEA-DOO (BRP)

GENERATOR SET

CATERPILLAR
CUMMINS MARINE
JOHN DEERE
KOHLER
MTU
VOLVO PENTA

INDUSTRIAL ENGINE

MTU



To learn more about the extraordinary coverage made available by TEXA, visit the website:
www.texa.com/coverage



To check on IDC5 compatibility and minimum system requirements, go to:
www.texa.com/system

TEXA

Founded in Italy in 1992, TEXA is today a world leader in the design, industrialisation and production of multi-brand diagnostic tools, exhaust gas analysers, air conditioning charging stations and telediagnostic devices, for cars, bikes, trucks, boats, and agricultural vehicles. TEXA is present all over the world with a widespread net of distributors: it commercialises directly in Brazil, France, the UK, Germany, Japan, Spain, the US, Poland and Russia through its subsidiaries. TEXA currently employs more than 700 people around the world, including over 150 engineers and specialists working in Research and Development. Over the years, TEXA has received a large number of prizes and awards for innovation, in many countries worldwide. All TEXA tools are designed, engineered and built in Italy, using extremely modern automated production lines which guarantee maximum precision. TEXA is particularly committed to the quality of its products: it obtained the strictest certifications, such as the TISAX (Trusted Information Security Assessment Exchange), a standard defined by the VDA, the German Association of the Automotive Industry, which guarantees the highest level possible of information and know-how protection against increasingly frequent cyber-attacks. It joins other certifications, such as the IATF 16969, specific for first automotive suppliers; the VDA 6.3, another method by German manufacturers that established itself as an international point of reference; and the ISO/IEC 27001 in the information security field.

WARNING

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



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

To check on IDC5 compatibility and minimum system requirements, go to:
www.texa.com/system

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COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =