

Diagnostic solutions **BIKE**



Official
Supplier
2021

TEXA

Specialists in multi-brand diagnostics

Electronic injection, ABS, chassis management, electronic transmission and suspensions, inertial platform, LED headlights, TPMS, cruise control, instrument cluster, switch units, keyless system, infotainment, windscreen adjustment.

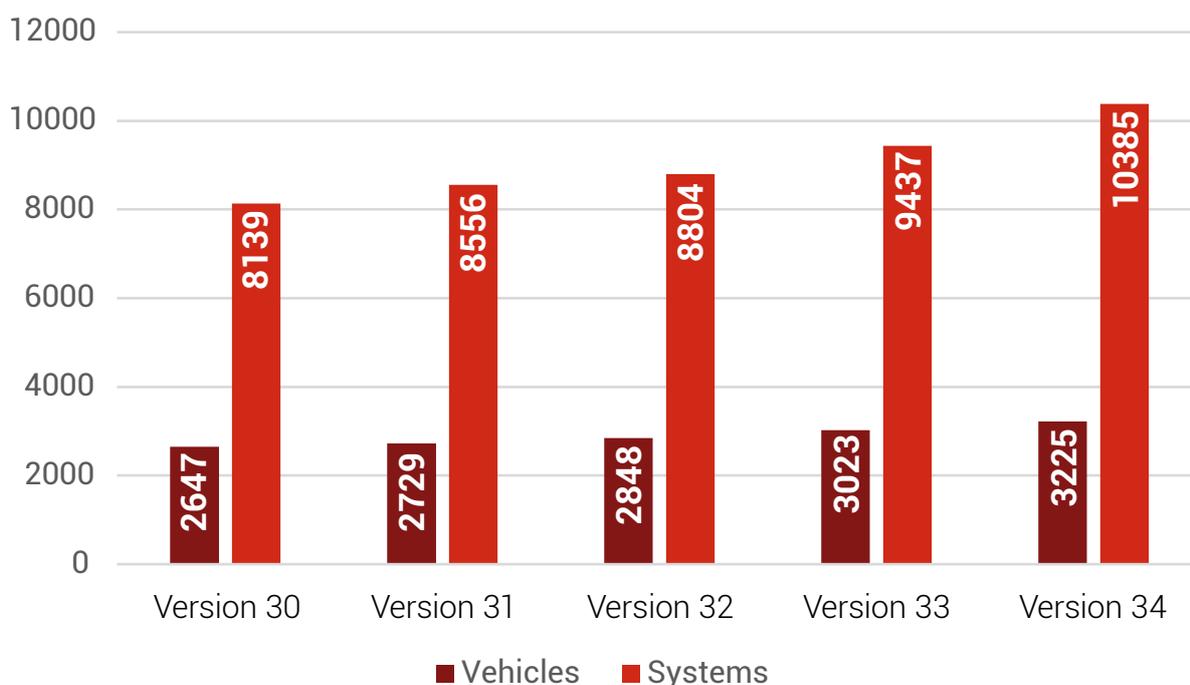
It is unthinkable for a multi-brand workshop to carry out repair interventions on modern motorcycles without the support of valid electronic diagnostics to detect errors, adapt control units, activate components, perform adjustments, reset values.

Having an adequate diagnostic tool is essential in order to remain competitive in the motorcycle repair market and to be ready for the developments that will be introduced in it. One such example is represented by the ARAS (Advanced Rider Assistance Systems), which will be increasingly widespread in the near future.

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 **motorbikes, scooters, quad bikes, jet skis, snowmobiles** and **utility vehicles**.

BIKE



IDC5
COVERAGE
UPDATE

**10.385 systems covered for 3225 vehicles,
today +10% diagnostic coverage over 12 months**

**FOR ALL
MAKES**

**ATV,
SNOWMOBILES,
JET SKIS
INCLUDED**

**TECHNICAL
SUPPORT
CONTENTS**



**CONTINUOUS
UPDATES**

**INTUITIVE AND
PRACTICAL SOFTWARE**



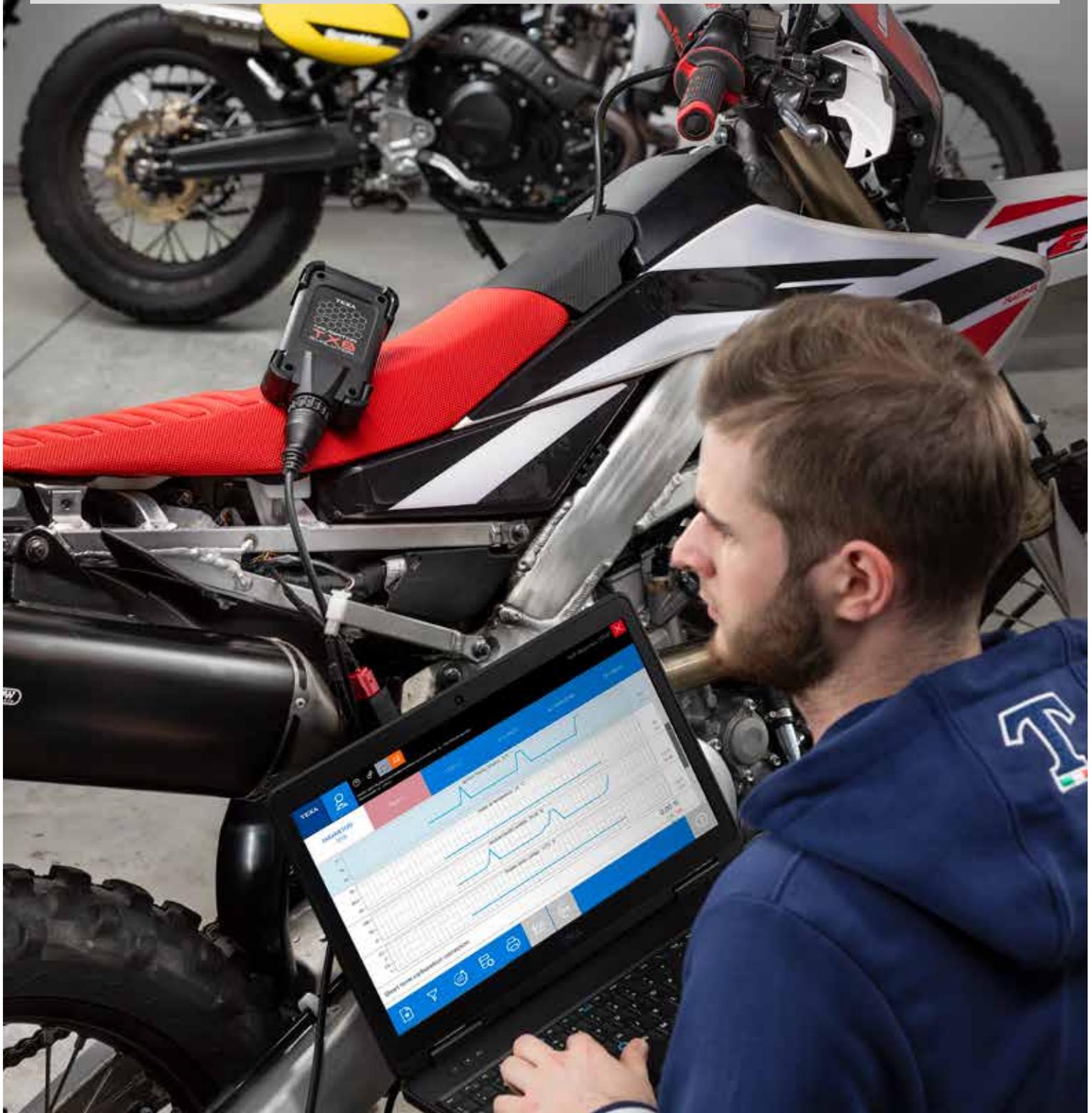
The multi-brand product chosen by manufacturers

Thanks to its advanced features, IDC5 BIKE software has been chosen as official diagnostic software by the following manufacturers:

**BENELLI Q.J. - BETAMOTOR - BIMOTA - BROUGH SUPERIOR - DUCATI
FANTIC MOTOR - MOTO MORINI - MV AGUSTA - SWM - SYM ITALIA**

Multi-brand workshops can have the same coverage level as vehicle manufacturers.

TECHNICAL PARTNER: ARROW EXHAUST



The best of diagnostics in a single solution

TEXA's **diagnostic solution** for the BIKE 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 every motorcycle.

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 BIKE category but also on cars, heavy-duty vehicles, boats, agricultural and construction vehicles.

NAVIGATOR TXB Evolution

Cutting-edge vehicle interface, **expressly developed for the motorbike environment**. Compatible with all the currently existing protocols and with all BIKE 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 BIKE** 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 26 years of experience 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:

HARLEY-DAVIDSON

- Vehicle configuration change
- Display setting change
- Exhaust valve enabling

DUCATI

- Key adaptation
- Anti-theft enabling / disabling

BMW

- Odometer alignment
- Speed limiter unlock after running-in for S 1000 R (K47), S 1000 XR (K49) and S 1000 RR (K46)

BRP and more besides

- 99 HP limitation adjustment

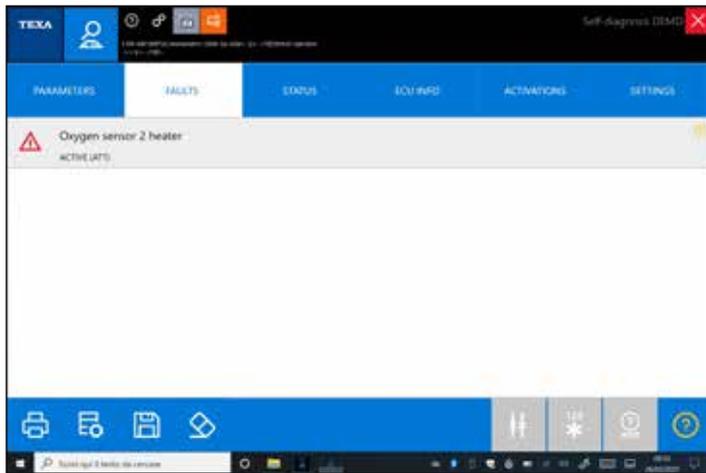
HONDA

- Engine ECU reset

SUZUKI

- CO adjustment

Errors



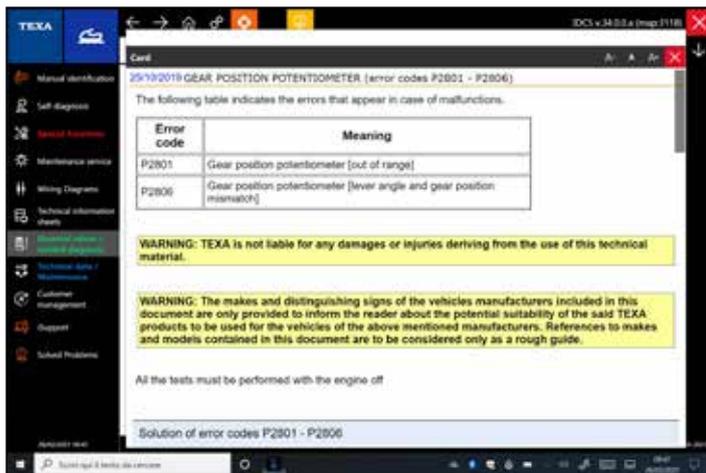
The Errors page instantly displays all the **errors in the vehicle**, with the related codes and descriptions. From this page, the error **reading** and **clearing** can be carried out in a single click, as well as a **self-diagnosis** test on the selected system.

Data sheets



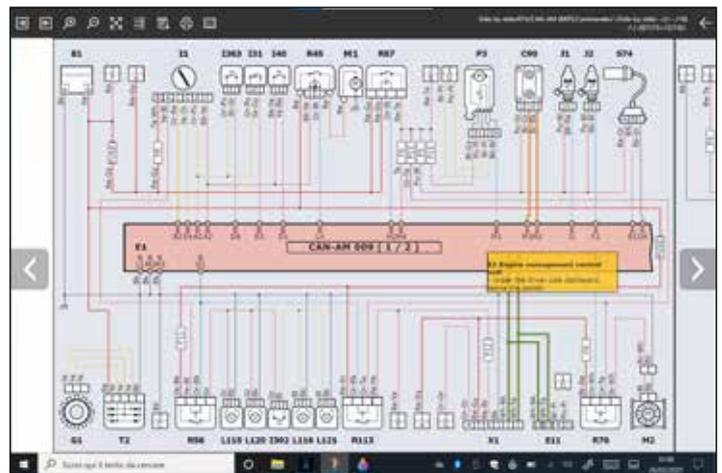
Very accurate **information on the selected vehicle**, including instructions for performing a manual service reset, overviews of specific mechatronic systems and much more.

Nominal values

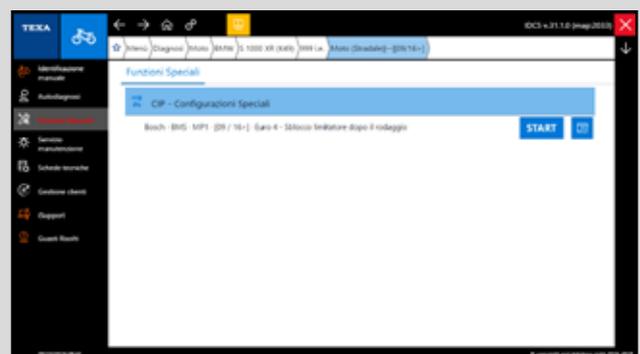
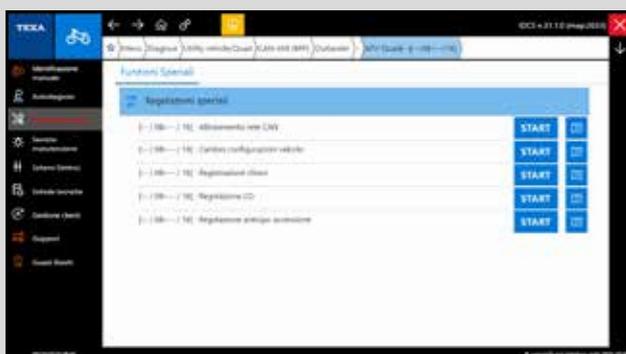


Useful to solve a **fault associated with an error code** detected in self-diagnosis. They provide a tree diagram to solve the fault.

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.



From diagnosis to measurements

TEXA provides mechanics with a series of tools that guarantee a complete, high-quality service to their customers. With TEXA, everything is under control.

TPS2 - Tire Pressure Sensor 2

With its robustness, speed, simple graphics and large display, TPS2 allows successfully carrying out all the operations relating to **tire pressure monitoring**.



TTC - Tester Tension Controller

It makes sure the timing **belt tension** is correct. Developed to **Ducati** specifications, it is also indicated for the drive belt on **Yamaha TMAX 530**. The reference values are also provided with the tool.

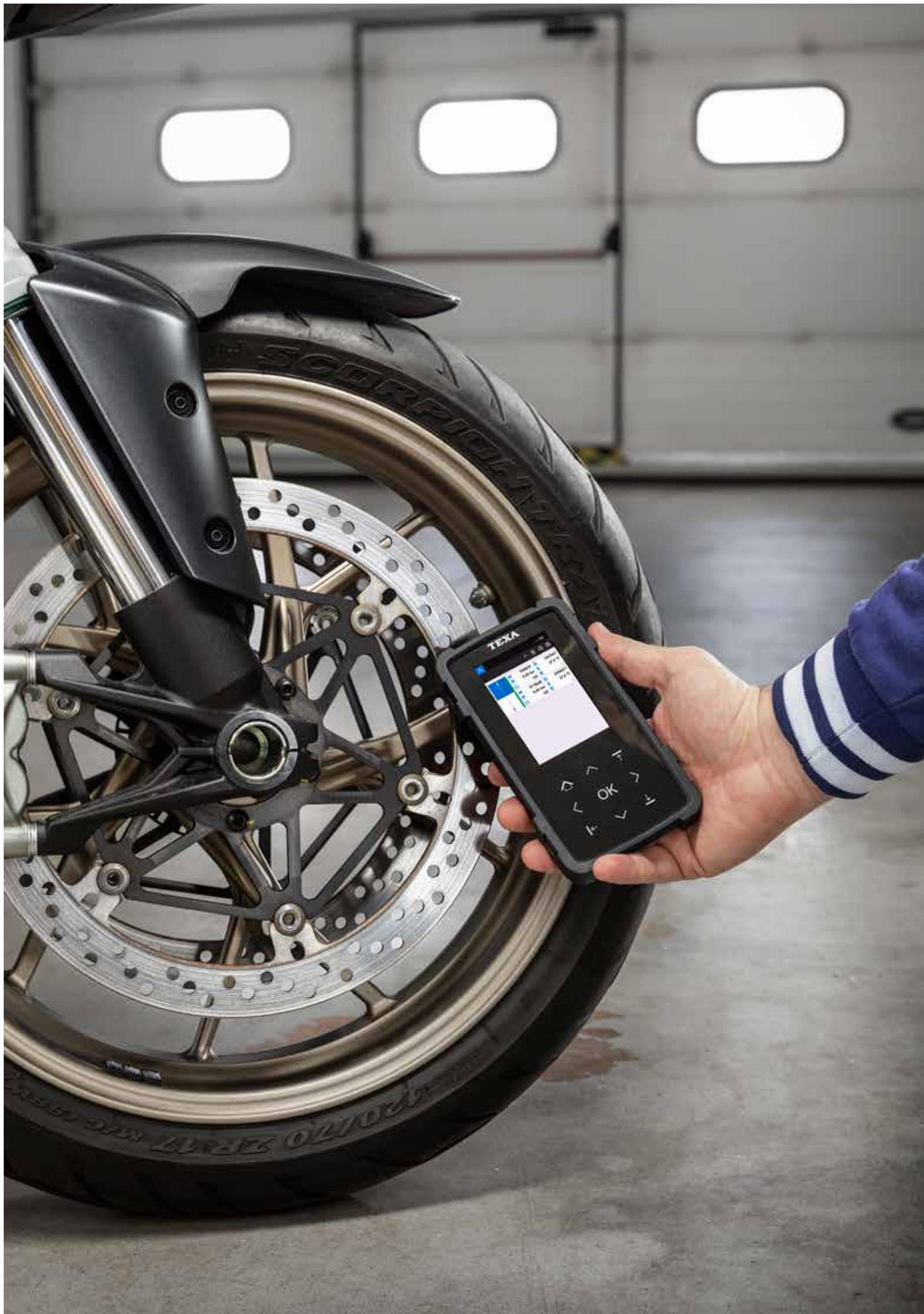
RCM - Revolution Counter Motorbike

Advanced rev counter designed by TEXA specifically for motorbikes, it uses an innovative directional antenna to measure engine speed with great accuracy. Particularly indicated for all faired motorcycles, where an inductive clamp cannot be used.



GASBOX Autopower

GASBOX Autopower is the exhaust gas analyser, homologated by the Italian Ministry of Transport, which measures CO, CO₂, O₂ HC (and optionally NO) values of motorcycles with precision.



TEXA

ITEM	UNIT	VALUE	LIMIT
...
...
...
...

OK

Team and technology at the workshop's service

Purchasing a BIKE 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**.



CALL CENTER

It allows getting in touch with TEXA's customer support centre and receiving **daily assistance by qualified technicians**, with proven experience in repairing vehicles of all manufacturers, who **guide customers step-by-step throughout troubleshooting**. TEXA's Call Center department also makes use of an equipped technical area, where operators can practise troubleshooting on vehicles on a daily basis.



TECHNICAL BULLETINS

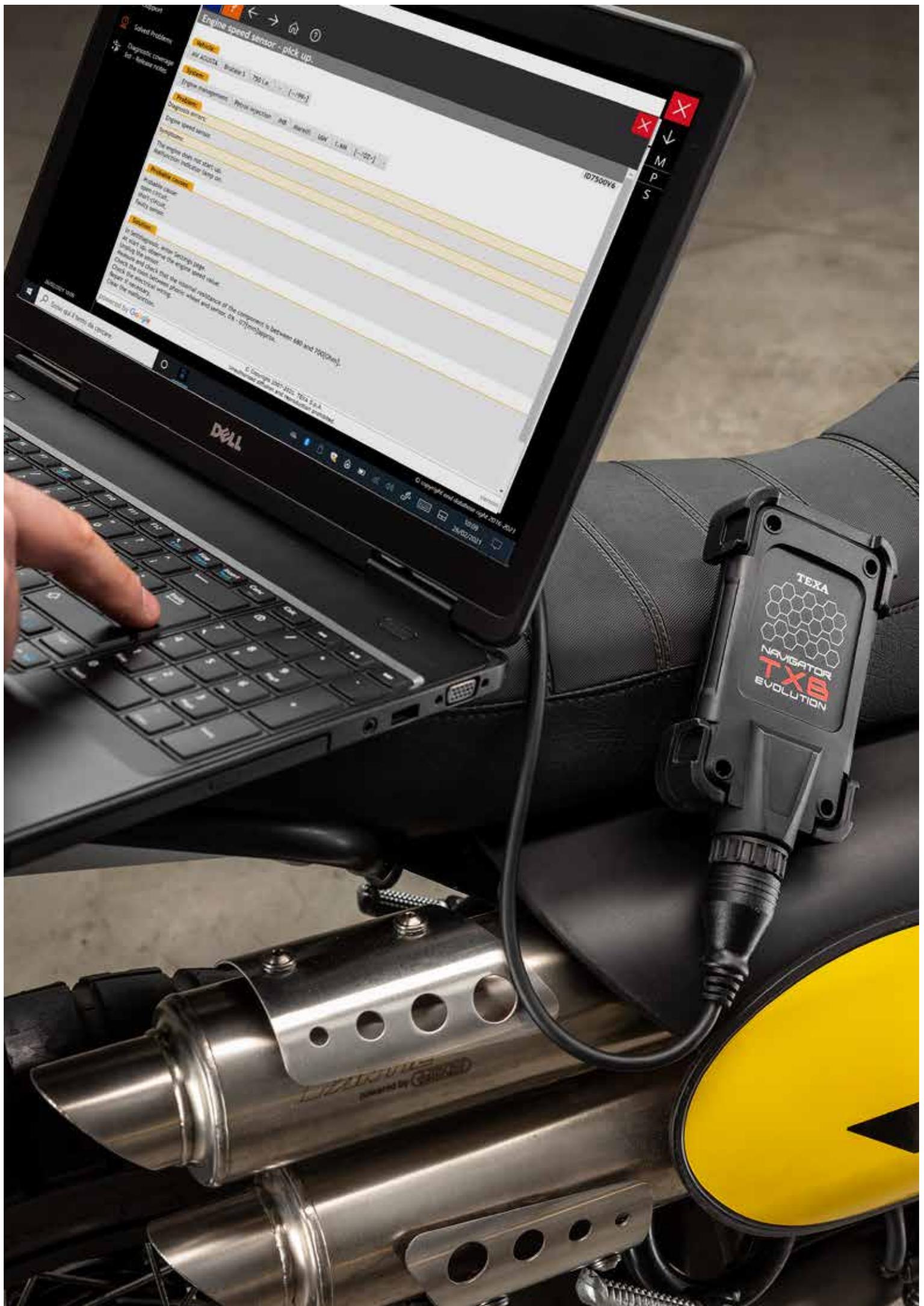
The annual subscription to the Technical Bulletins service allows **accessing information on frequent problems and repair procedures**, operating principles of a specific electronic-mechanical system, methods to rapidly find a solution to a problem, through documents stored by vehicle, enhanced with easy-to-interpret comparative tables and images.



SOLVED PROBLEMS

It allows accessing TEXA databases easily, to search for repair procedures already encountered and registered by our international call centres. Vehicle repairers can access **thousands of practical troubleshooting cases**, tested on site by mechanics all over the world, **24/7**.

Check the service access modes and costs with your TEXA retailer.



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.



P5B

P5B: USE OF TEXA SOFTWARE AND DIAGNOSIS FOR BIKES

AIM: Know all the functions available in TEXA's IDC5 BIKE operating environment, such as: Global Scan, Solved problems, Error Help page, Freeze Frames, Self-diagnosis cable list; Statuses, Activations and Adjustment pages; Wiring diagrams. Acquire the basic knowledge on self-diagnosis and the operation of an electronic control unit, as well as on the regulations for the control of pollutants. Practical case studies on Ducati, Suzuki, Piaggio, BMW.

DURATION: 8 hours - 4 hours (on-line course)



G1B

G1B: ANALYSIS OF ELECTRICAL AND ELECTRONIC MEASUREMENTS ON BIKES

AIM: Learn to understand and read the voltage, current and resistance measurements taken in bikes through the specific measuring tools, multimeter and oscilloscope. Know how to use the measuring tools properly to check the main electrical and electronic components on a motorcycle.

DURATION: 8 hours



G2B

G2B: EURO 3 AND EURO 4 ELECTRONIC INJECTION SYSTEMS ON BIKES

AIM: Learn how to carry out a diagnosis in the Euro 3 and Euro 4 electronic injection systems based on the available parameters through the diagnostic tool. Know the operating strategies of antipollution devices such as the oxygen sensor, catalyst, canister, secondary air, Exup valve. Be able to analyse emissions using the gas analysis tool.

DURATION: 8 hours



G3B

G3B: DIAGNOSING AND CHECKING THE ELECTRICAL AND ELECTRONIC COMPONENTS IN THE BIKE

AIM: Use TEXA's diagnostic software and measuring tools to carry out electrical checks with the purpose of finding any faults properly. Check the various electrical and electronic components in motorbikes using the diagnostic and measuring tools.

DURATION: 8 hours



G4B

G4B: DIAGNOSIS OF THE ABS, TYRE PRESSURE, ELECTRICAL AND ELECTRONIC TRACTION CONTROL SYSTEMS ON BIKES

AIM: Know the functioning of the main ABS systems in the market, their mechanical maintenance and electronic diagnosis procedures through TEXA's tools. Practical training on the ABS system bleeding procedure in latest-generation bikes.

DURATION: 8 hours

Unrivalled coverage

IDC5
COVERAGE
UPDATE

MOTORBIKES

AJP
APRILIA
BAJAJ
BENELLI
BENELLI (DSK)
BETAMOTOR
BIMOTA
BMW
BOOM TRIKE
BRIXTON MOTORCYCLES
BROUGH SUPERIOR
BUELL
CAGIVA
CAN-AM (BRP)
CFMOTO
CSC MOTORCYCLES
DAELIM MOTOR
DAFRA
DERBI
DUCATI
FANTIC MOTOR
FB MONDIAL
GAS GAS
GENERIC
GEON
GG TECHNIK
GILERA
HARLEY-DAVIDSON
HISUN
HM
HONDA
HONDA MONTESA
HUSABERG
HUSQVARNA
HYOSUNG
INDIAN
KASINSKI
KAWASAKI
KEEWAY
KELLER
KSR MOTO
KTM
KYMCO
LAVERDA
MACBOR

MALAGUTI
MASH
MGK HELLENIC MOTOR
MH
MINSK
MONDIAL
MOTO GUZZI
MOTO MORINI
MV AGUSTA
ORCAL
POLARIS
ROYAL ENFIELD
SHERCO
SHINERAY
SINNIS
STELS
SUZUKI
SWM
SYM
TRIUMPH
URAL
VERVE MOTO
VICTORY
VOXAN
YAMAHA
ZONGSHEN
ZONTES

SCOOTERS

ADIVA
AEON
APRILIA
BENELLI
BMW
CFMOTO
DAELIM MOTOR
DAFRA
DERBI
GILERA
GOES
HONDA
HYOSUNG
KAWASAKI
KEEWAY
KYMCO
LAMBRETTA

MALAGUTI
MBK
PEUGEOT
PIAGGIO
QOODER
QUADRO
RIYA
SINNIS
SUZUKI
SYM
TGB
VESPA
YAMAHA

SIDE-BY-SIDE / ATV

ARCTIC CAT
CAN-AM (BRP)
CFMOTO
COLEMAN
GAS GAS
GG TECHNIK
HISUN
HONDA
KAWASAKI
KVN MOTORS
POLARIS
POLARIS DEFENCE
STELS
SUZUKI
TGB
YAMAHA

JET SKIS

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

SNOWMOBILES

ARCTIC CAT
LYNX (BRP)
POLARIS
SKI-DOO (BRP)
STELS
YAMAHA

UTILITY VEHICLES

ARCTIC CAT
CAN-AM (BRP)
CFMOTO
COLEMAN
GEM
HISUN
HONDA
PIAGGIO VEICOLI
COMMERCIALI
POLARIS DEFENCE
POLARIS RANGER
QUADIX
YAMAHA

MOTOR PUMPS

ROSENBAUER

MINICARS

GRECAV

ENGINE

BMW
ROTAX (BRP)



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 some 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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