IDC5 OHW 24.0.0 SOFTWARE UPDATE

Dear Customer,
the new diagnostic features included in the **IDC5 OHW 24.0.0** update, which also contains the continuous updates **IDC5 OHW 23.0.1 / 23.0.2 / 23.1.0 / 23.1.1 / 23.1.2 / 23.1.3 / 23.2.0 / 23.2.1 / 23.2.2 / 23.2.3 / 23.3.0 / 23.3.1**, allow working on a large number of vehicles that belong to makes of the most popular manufacturers. The work TEXA's developers carried out on agricultural vehicles, forklifts, telehandlers, construction vehicles and special vehicles guarantees all mechanics the opportunity to use diagnostic tools that are always updated and state-of-the-art, to operate successfully on the vast majority of the vehicles on the road.

IDC5 OHW 24.0.0 includes new possible selections for the major makes on the market, among which: **ALLISON, AMMANN, ANTONIO CARRARO, ASV, ATLAS COPCO, AUSA, AVANT, BAOLI, BERGMANN, BOBCAT Engine, CASE CE, CASE iH, CATERPILLAR Engine, CHALLENGER, CLAAS, CLARK, CNH, CROWN, CUMMINS Engine, DETROIT Engine, DEUTZ Engine, DEUTZ-FAHR, DOOSAN, DOOSAN Engine, EBERSPÄCHER, EXTREME, FARESIN, FARMOTION Engine, FENDT, FPT Engine, GEHL, GENIE, GRADALL, GROVE, HAKO, HAMM, HATZ, HIDROMEK, HINO Engine, HITACHI, HITACHI , HURLIMANN, HYDREMA, HYUNDAI, HYUNDAI CE, ISUZU Engine, JACTO, JCB, JLG, JOHN DEERE, JOHN DEERE (Brazil), JOHN DEERE CE, KÄSSBOHRER GELÄNDEFAHRZEUG, KOBELCO, KOHLER Engine, KOMATSU, KRONE, KUBOTA Engine, LAMBORGHINI, LANDINI, LIEBHERR, LINDE, LINDNER, LINK-BELT, MAGNI, MAHINDRA, MAN ENGINES, MANITOU, MASSEY FERGUSON, McCORMICK, MECALAC, MERCEDES-BENZ Engine, MERLO, MITSUBISHI, NEW HOLLAND, NEW HOLLAND (LATAM), NEW HOLLAND CE, PERKINS Engine, PRINOTH, SAME, SANY, SCANIA Engine, SISU Engine, SKYJACK, SNORKEL, STEYR, STILL, SULLAIR, SUMITOMO, TADANO, TAKEUCHI, TEREX, TIDD, TOYOTA, VALPADANA, VALTRA (LATAM), VERMEER, VOLKSWAGEN Engine, VOLVO CE, VOLVO PENTA, WACKER NEUSON, XCMG, YANMAR Engine, ZETOR, ZF.**

The **OHW 24.0.0** update also offers new, very useful Wiring Diagrams and DASHBOARDS.
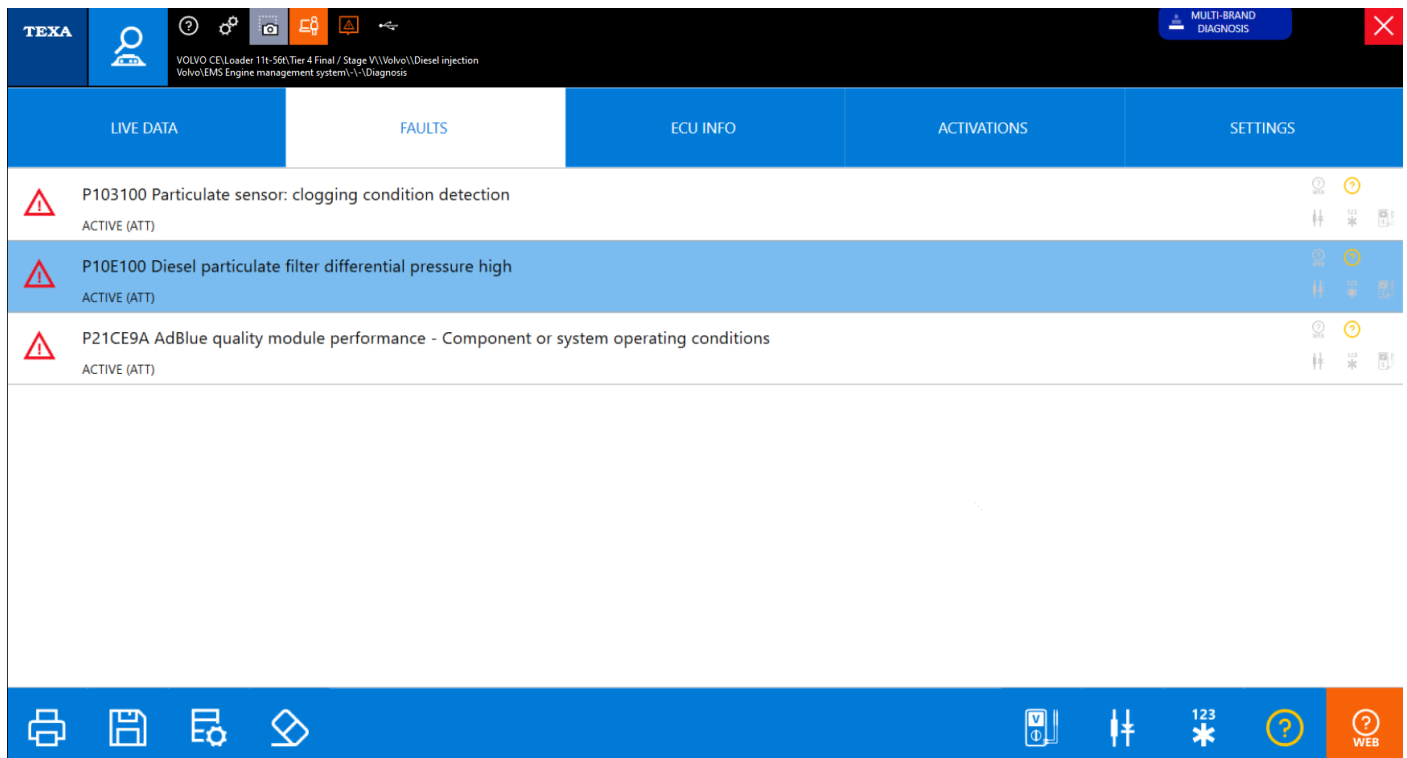
NEW SOFTWARE FEATURES

Guided Diagnosis.

Introduced with the **IDC5 OHW 24.0.0** version and based on the principle of the previous "System Sanity Check" process, this new function allows users to perform a guided and in-depth troubleshooting check.

The guided diagnosis will show in a graphic, intuitive and interactive way, the actions to be taken to perform a specific repair or to check a component, guaranteeing its solution through suggestions and indications based on a logical process.

When available for a specific diagnostic system, the Guided Diagnosis function can be recalled in the error page, through the specific icon associated with the error.

Error page screen.

The procedure will show the value of the parameters associated with the error, then it will be up to the mechanic to evaluate whether the value can be considered correct, and to confirm by clicking whether it is valid or not.

Parameter evaluation.

If the value of the parameters is considered to be within standard, the Guided Diagnosis procedure will show a possible series of additional checks or the possibility to clear the error.

Possibility to clear the errors.

TEXA

VOLVO CE\Loader 11t-56t\Tier 4 Final / Stage V\\Volvo\\Diesel injection
Volvo\EMS Engine management system\-\-\Diagnosis

MULTI-BRAND
DIAGNOSIS

DPF guided diagnosis

← Technical data sheet check

? DPF pressure difference   2.6   kPa   ✓ ✗

Self-diagnostic device sheets   🖶 A- A A+ ✗

Incorrect fuel quality
Fault in the differential pressure sensor

Recommended repair

Perform the following checks:

- Check and correct the error odes related to the engine or differential pressure sensor
- Check the efficiency of the DPF and its proper assembly
- Verify the efficiency of the differential pressure sensor and its electrical and pneumatic connections
- Make sure there are no obstructions to the passage of the exhaust gases also in the section after the DPF, verify the absence of crystallised urea in the SCR
- Remove the flexible pipe and activate the accelerator a few times to eliminate any possible loose deposits of soot
- Check if there is visible smoke when activating the accelerator in neutral
- If there is an abnormal amount of smoke coming from the engine
- Check for the presence of oil in the flexible pipe or in the silencer's intake
- If there is oil, visually check the turbocharger
- Check for possible fuel leaks from the injectors
- Check the accelerator, if applicable
- Check for possible leaks in the exhaust system

Notes

Evaluation with technical bulletin.

TEXA

VOLVO CE\Loader 11t-56t\Tier 4 Final / Stage V\\Volvo\\Diesel injection
Volvo\EMS Engine management system\-\-\Diagnosis

MULTI-BRAND
DIAGNOSIS

DPF guided diagnosis

← Wiring diagram check

? DPF pressure difference   2.6   kPa   ✓ ✗

Device card

27/03/2022 Component sheet
            Check list for: Differential pressure sensor

Information

This technical sheet supplies general information regarding the electrical/electronic component selected.
This type of information sheet is only available for the components for which a detailed technical sheet is not provided for.

Description

A differential pressure sensor is used to measure the pressure drop between two points.
In fact, it has two inputs that correspond to the two measurement points.
It is a combined sensor, made up of two pressure sensors built into a single body.
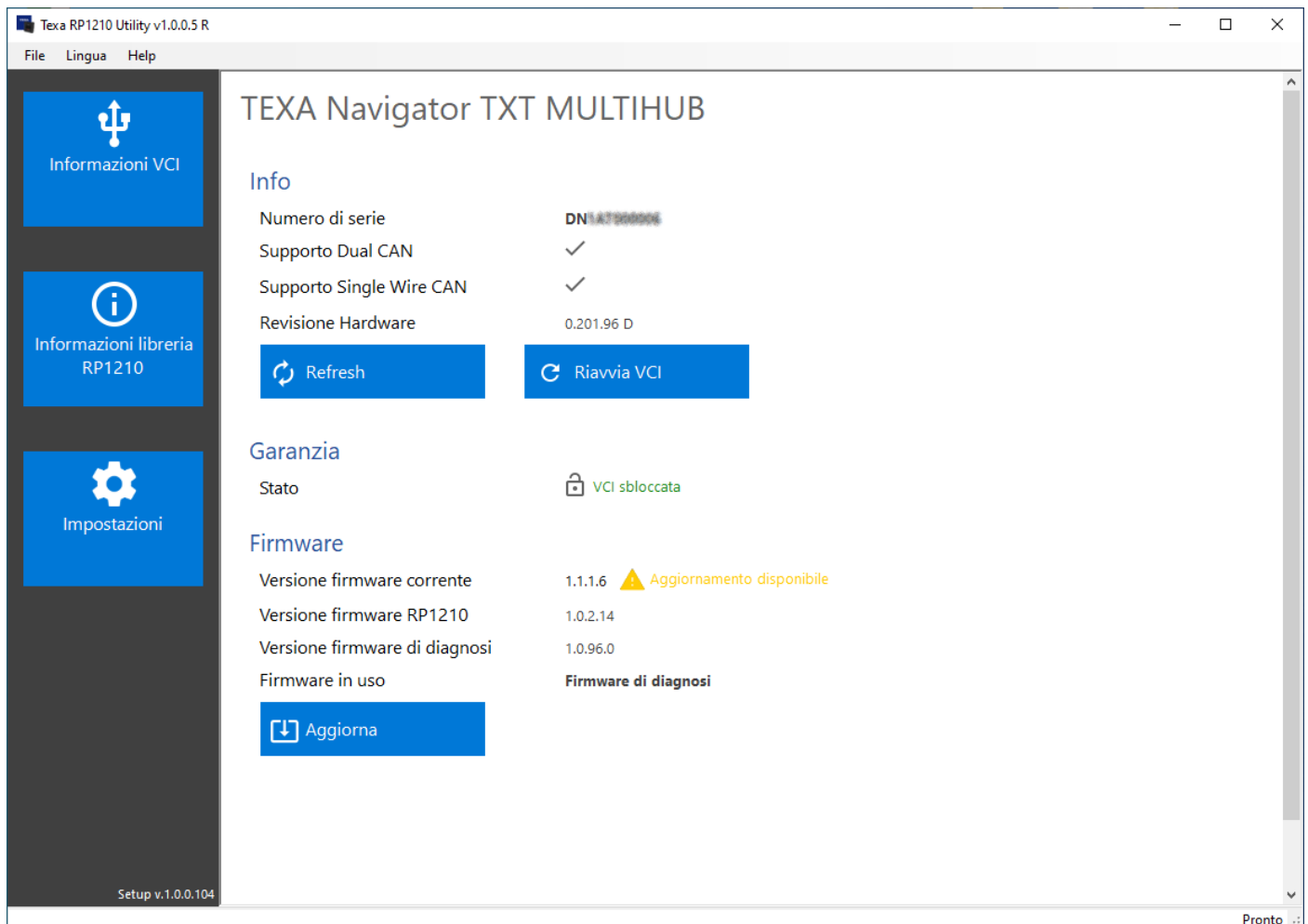
Evaluation with wiring diagram.

RP1210 function.

Starting from the **IDC5 OHW 24.0.0** version, the new **PASS-THRU** functions have been implemented.
Using the TEXA RP1210 application, the RP1210 protocol has been implemented, which can only be used with the TEXA Navigator TXT MULTIHUB VCI.
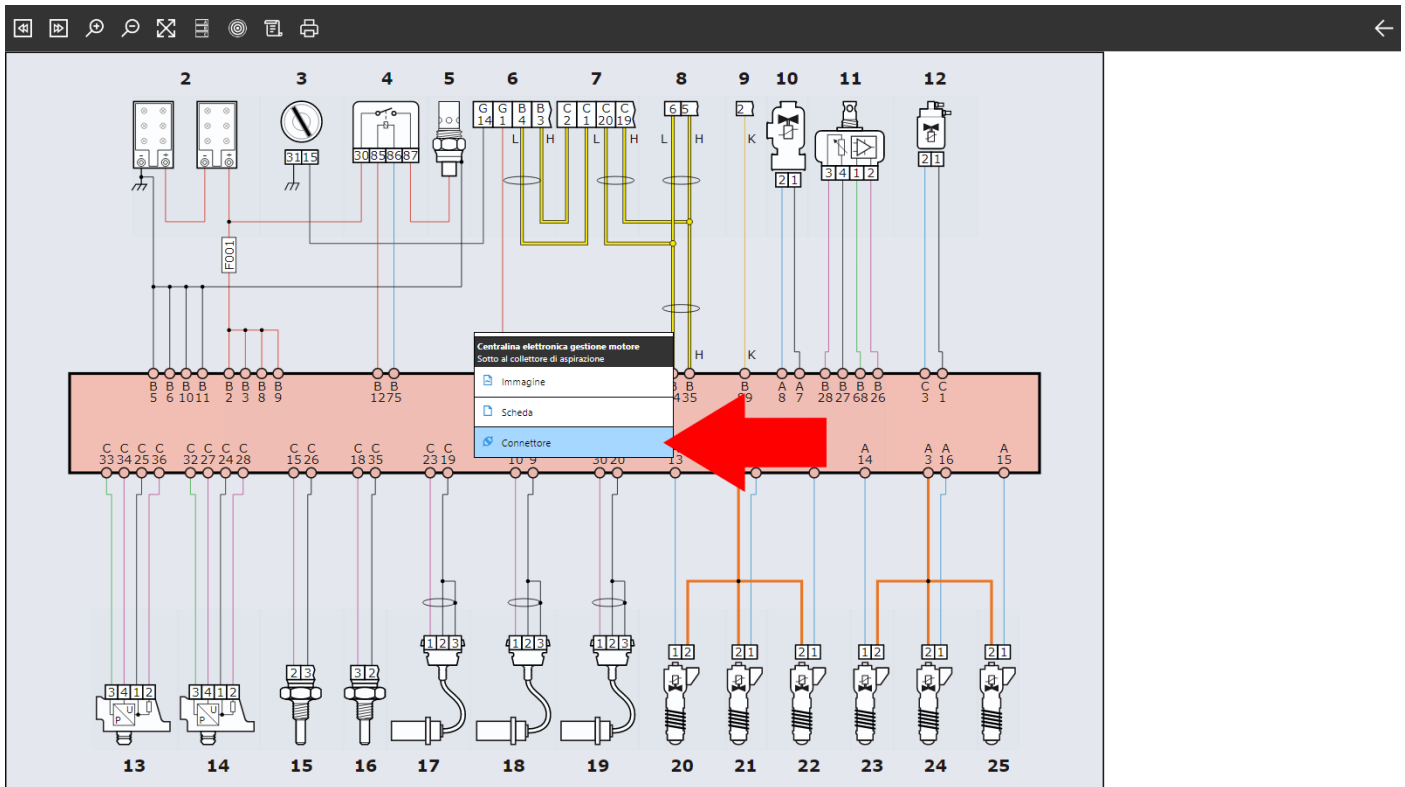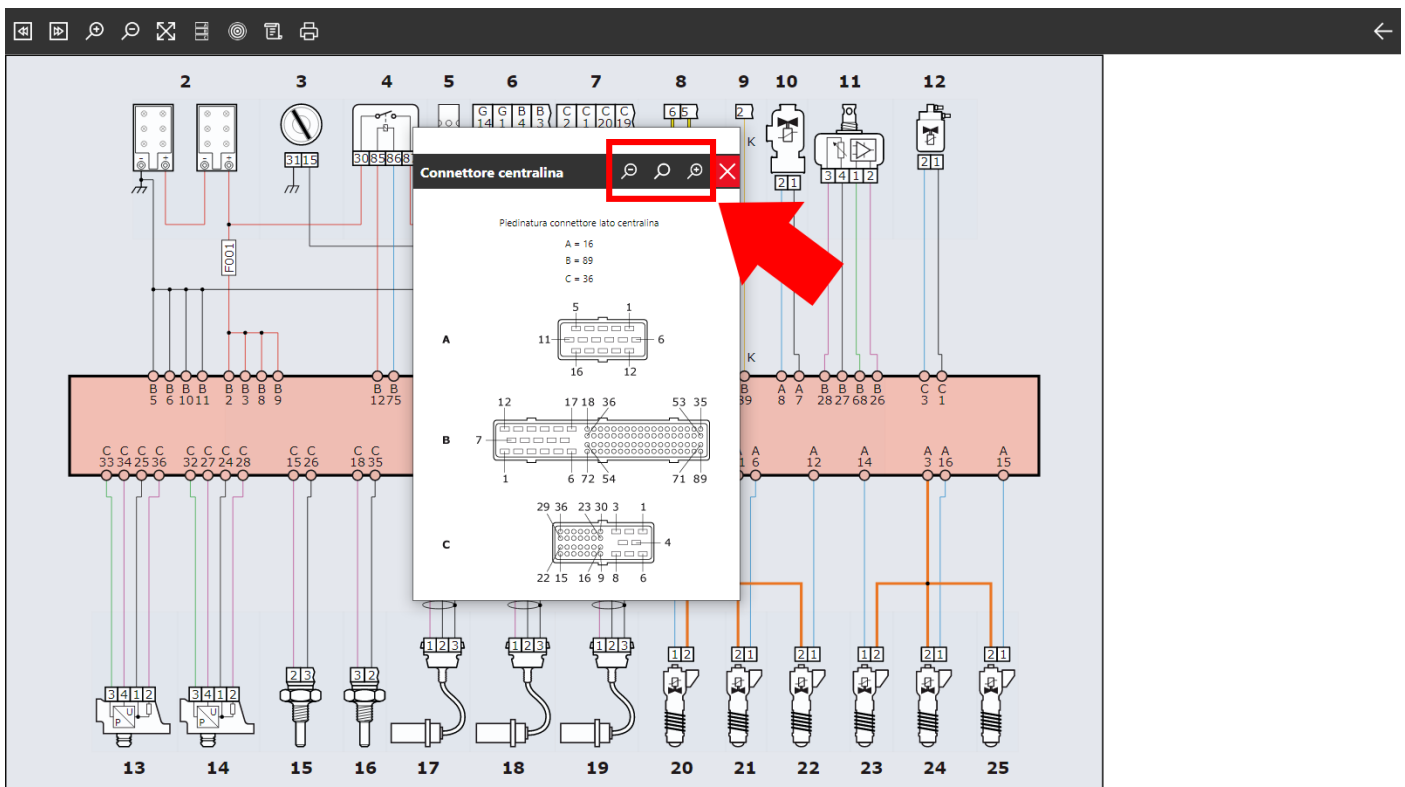

RP1210 application.

TEXA RP1210 menu.

Zoomed image of connector in wiring diagram.

Starting from the **IDC5 OHW 24.0.0** version, the new image zoom function has been implemented for connectors in the wiring diagram.

Wiring diagram connector image.

Image zoom.

Dashboard button flashing in the parameter page.

Starting from the **IDC5 OHW 24.0.0** version, a new visual function has been implemented for the Dashboard button in the Parameter page.

Dashboard button flashing.

DIAGNOSIS

AGRICULTURAL VEHICLES
41 makes updated.
(ALLISON, ANTONIO CARRARO, BOBCAT Engine, CASE iH, CHALLENGER, CLAAS, CUMMINS Engine, DEUTZ Engine, DEUTZ-FAHR, EBERSPÄCHER, FARESIN, FARMOTION Engine, FENDT, FPT Engine, HAKO, HURLIMANN, JACTO, JCB, JOHN DEERE, JOHN DEERE (Brazil), KOHLER Engine, KRONE, KUBOTA Engine, LAMBORGHINI, LANDINI, LINDNER, MAHINDRA, MASSEY FERGUSON, McCORMICK, MERCEDES-BENZ Engine, NEW HOLLAND, NEW HOLLAND (LATAM), PERKINS Engine, SAME, SISU Engine, STEYR, VALPADANA, VALTRA (LATAM), YANMAR Engine, ZETOR, ZF).

CONSTRUCTION VEHICLES & SPECIAL VEHICLES
59 makes updated.
(ALLISON, AMMANN, ASV, ATLAS COPCO, AUSA, AVANT, BERGMANN, BOBCAT Engine, CASE CE, CATERPILLAR Engine, CUMMINS Engine, DETROIT Engine, DEUTZ Engine, DOOSAN, DOOSAN Engine, FPT Engine, GEHL, GRADALL, GROVE, HAMM, HATZ, HIDROMEK, HINO Engine, HITACHI, HYDREMA, HYUNDAI CE, ISUZU Engine, JCB, JOHN DEERE CE, KÄSSBOHRER GELÄNDEFAHRZEUG, KOBELCO, KOHLER Engine, KOMATSU, KUBOTA Engine, LIEBHERR, LINK-BELT, MAN Engine, MECALAC, MERCEDES-BENZ Engine, MERLO, NEW HOLLAND CE, PERKINS Engine, PRINOTH, SANY, SCANIA Engine, SULLAIR, SUMITOMO, TADANO, TAKEUCHI, TEREX, TIDD, VERMEER, VOLKSWAGEN Engine, VOLVO CE, VOLVO PENTA, WACKER NEUSON, XCMG, YANMAR Engine, ZF)

FORKLIFTS & TELEHANDLERS
31 makes updated.
(AUSA, BAOLI, CATERPILLAR Engine, CLAAS, CLARK, CROWN, CUMMINS Engine, DEUTZ Engine, DOOSAN, XTREME, FARESIN, FPT Engine, GENIE, HYUNDAI, JCB, JLG, KOHLER Engine, KUBOTA Engine, LINDE, MAGNI, MANITOU, MERLO, MITSUBISHI, PERKINS Engine, SKYJACK, SNORKEL, STILL, TOYOTA, WACKER NEUSON, YANMAR Engine, ZF)

WIRING DIAGRAMS

467 new wiring diagrams.

DASHBOARD

1656 new dashboards (parameters, settings and activations).

44 new TGS3 dashboards.

TECHNICAL SHEETS

742 new technical bulletins.

WARNINGS

DIAGNOSTIC LIMITATIONS WARNING

Although TEXA strives to keep its diagnostic tools up to date, it ever more often finds itself having to deal with very complex vehicle electronics that requires tools with advanced technological features. For this reason, we inform you that as of 1 March 2023, the software linked to the TEXA NAVIGATOR TXT tools with S/Ns that start with "DNTxxxxxxxx" can no longer be updated.

For further information contact your TEXA retailer.

Good luck with your work!

TEXA S.p.A