eTRUCK®

Part Number: ETD13620S

The evolution of remote diagnosis for commercial vehicles

eTRUCK is an innovative miniaturized tool that, for the first time, takes heavy-duty truck workshops into a new diagnostic dimension thanks to the possibility to **constantly monitor the status of the vehicle remotely, to manage the servicing from a predictive point of view** and, the latest new feature, to perform adjustment functions that allow you to restore the vehicle's optimal conditions.

eTRUCK, which is installed in the vehicle's diagnostic socket* and configured within minutes, acts as a conjunction element between the repairer and the heavy-duty vehicle, helping increase customer loyalty thanks to a constant and competent assistance service.

eTRUCK represents the ideal solution even for **drivers** and **fleet managers**, as it constantly keeps them updated on the conditions of their vehicles and allows them to carry out actions aimed at reducing costs and optimizing the use of the vehicles, thanks to a dedicated app and management portal.

For the drivers

Thanks to an APP that supplies very useful information while driving the vehicle, it is possible to:

- Read the Tachograph data in real-time
- Monitor your driving style
- Fill out a Driver's Daily Vehicle Check & Defect Report list as required by the regulations of certain countries
- Read the vehicle data in real-time
- Have a remote vehicle diagnosis available that helps solve any fault quickly, avoiding having to go to the workshop
- Consult the service calendar shared with the workshop

The fleet manager

through the Fleet Manager Portal, can:

- Check the entire fleet regarding the status of the vehicles at a maintenance level
- Assist remotely through the diagnosis and the solution of possible vehicle faults by the workshop, reducing costs and increasing efficiency
- Monitor the status of the maintenance of the vehicles and their expirations
- Share an appointment planner for maintenance with the workshop
- Detect each driver's driving style
- Download the Tachograph data remotely
- Download remotely, directly from the ECU, the Trip Data Recorder, allowing detailed analyses of the use of the vehicle

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TECHNICAL SPECIFICATIONS	-Regulations: ECE / ONU R10
-Model: TEXA eTRUCK	-Device activation: Possible from OBD pins 1 and 8 or by monitoring the battery voltage
-Processor: ARM Cortex M4 (STM32F439ZIY6)	-Operating temperature: -20 °C ÷ 60 °C
-Memory: SDRAM 8 MB; Flash NAND 4 GB	-Storage temperature: -40 °C ÷ 85 °C
-Communication: Bluetooth Classic (2.1); Bluetooth 4.0 Low Energy (Smart Ready)	-ISM operating frequency band: 2400 -2483.5 MHz
-Diagnostic connector: OBD socket ISO15031-03 for 24 V systems	-Maximum transmit power in frequency band: 4 dBm
-Visual Warnings: 1 green/red bi-colored LED; 1 blue LED	-Relative humidity: 10% ÷ 80% without condensation
-Inertial Sensor: Accelerometer: 3 axis, ±2000 DPS G F.S.	-Dimensions in [mm]: 47,8*23,4*24,4
-Supply Voltage: 12/24 Vdc	-Weight: 15 g
-Supported Automotive Bus Types: 4 HS CAN transceivers connected to OBD pin 3-11, 1-9, 12-13, 6-14 that can be enabled individually; 1 J1708 transceiver connected to pins 12-13; 1 ISO9141-2, ISO14230 transceiver with 60mA currect protection connected to pins 3 or 7	-Product standards: EN 301 489-1 V2.1.1; EN 301 489-17 3.1.1; EN 300 328 V2.1.1 EN 62479:2010; EN 60950-1:2006/ A11+A1+A12+AC:2001+A2:2013; ISO 7637-1:2002; ISO 7637-2:2011
-Directives: RED 2014 / 53 / EU; ROHS 2011 / 65 / EU	

MAC TOOLS®