

TPMS



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TEXA

TEXA has led the world in vehicle diagnostics for over twenty years and has developed four different for performing the tasks required by tire pressure management. TPS is a tool that provides basic functions. The brand TPS2 has been developed to satisfy all the needs of the modern tire fitter. TPS KEY is the ideal solution for users who already own a TEXA display unit.





1. TPS
The BASIC solution



2. TPS2
For all the needs
of the modern
tire fitter



3. TPS KEY
for existing TEXA
customers

TPS

The entry level tool for working with tires



SENSORS OE sensor activation test	PROGRAMMING Transfers configurations from OE sensors to universal sensors	DATABASE Coverage CAR-TRUCK-BIKE
UPDATES Thanks to constant updates (optional, on subscription)	PRINT FUNCTION Ability to print a list of operations performed	TWS For automatic sensor scanning



TPS (Tire Pressure Service) is the TEXA tool that provides basic tire service functions. TPS is intended for use by garages for whom tire changes are not a core business but who nevertheless wish to offer their customers top quality service.

TPS boasts an **excellent coverage of makes and models**, and is extremely quick and easy to use thanks to dedicated software.

TPS dialogues with the valves on each wheel as soon as you select the vehicle. The exclusive **TWS (TEXA Wireless Scan)** function provides an alternative way of automatically identifying the sensors installed and quickly verifying their efficiency.

Data transmission is facilitated by a **beautifully clear menu** that provides step by step guidance. This means you can check the status of sensors by reading off parameters like pressure, temperature, battery charge level, identification code and whatever other information is provided by the manufacturer. The TPS programming function lets you transfer configurations from OE sensors to the universal aftermarket sensors of all leading manufacturers (SHRADER-ALLIGATOR-T/PRO/HUF etc.).

The tool also provides basic information, including OE code, service kit and tightening torque and even lists the universal aftermarket sensors compatible with the selected vehicle.

TPS2

A complete tool for all wheel management needs, even in future



FAST FIT SUPPLEMENTARY ELECTRONIC DIAGNOSTIC SYSTEMS	ERROR READING AND CLEARING	Tire MANAGEMENT Even seasonal tire change management with TEXA Tire MANAGER
SENSORS Unrivalled extended coverage	PRINT FUNCTION Ability to print a list of operations performed	TWS2 For automatic sensor scanning



TPS2 is a new tool from TEXA that offers tire fitters all the functions they need and guarantees **complete** reliability in use.

TPS2 is engineered to dialogue quickly and easily even with sensors that require particularly high power, especially during activation.

TPS2 is robust, fast, simple to use, and features a display large enough to let you view all the information you need on a single screen. This unique combination of features makes TPS2 the top **tool for TPMS work**.

TPS2 comes with a dedicated software utility for activating the tool, consulting manuals, searching for updates and running TEXA Tire MANAGER software.

TPS2 comes with **8 GB of internal memory** that can be used to save and load reports on the work done on customers' vehicles and also to ensure the efficient management of seasonal tire changes.

TPS2 lets you work on three types of vehicle: **CAR, TRUCK and BIKE**.

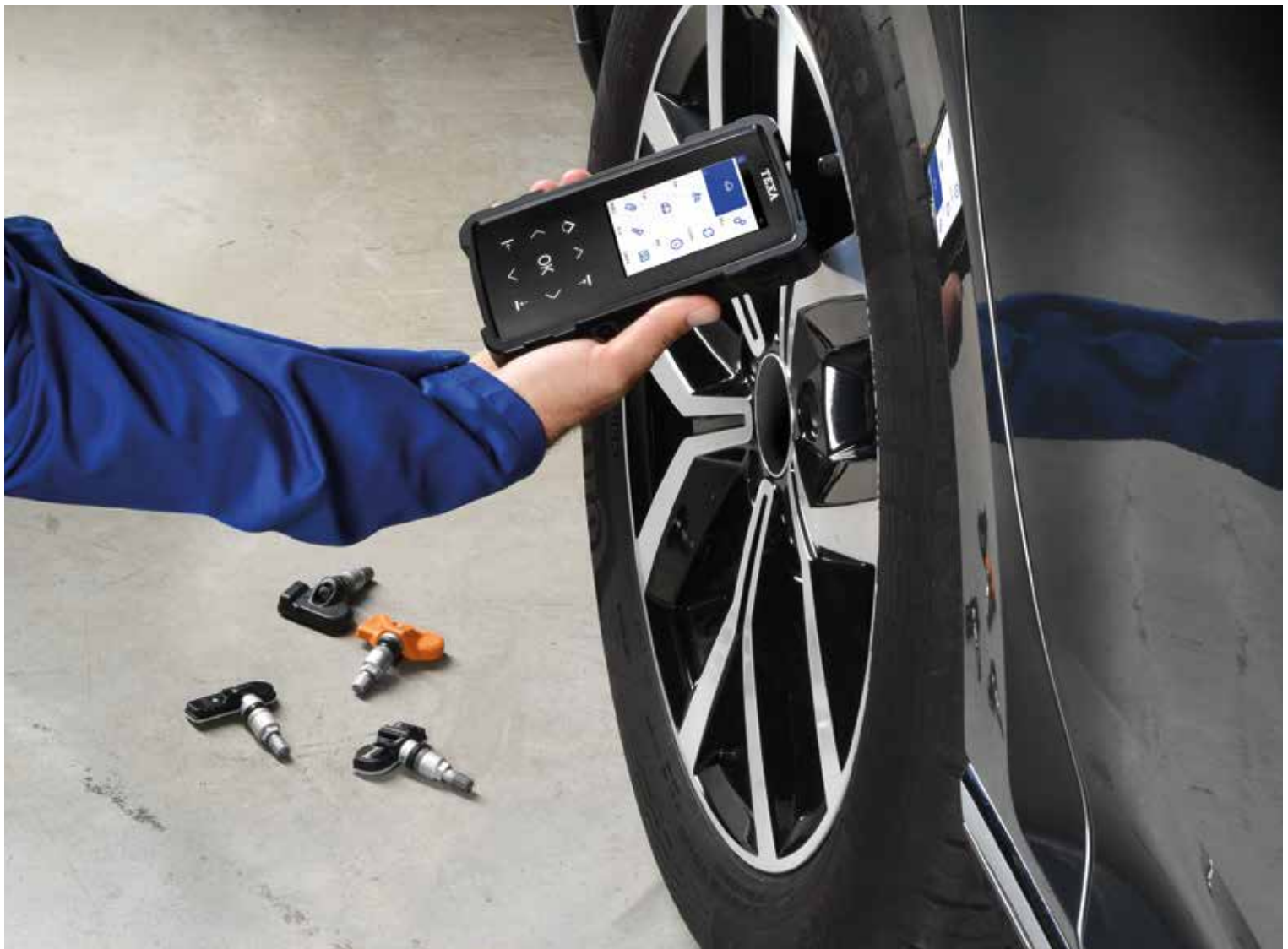
The tool can communicate with sensors in two ways: manual selection and TWS2, the latest development of TEXA's TWS function (also found on TPS), faster and more effective than ever.

TPS2

TPS2 lets you:

- test sensors (read ID, pressure, temperature, battery charge level, etc.);
- program universal aftermarket sensors by transferring configurations from OE sensors (SCHRADER-ALLIGATOR/T-PRO/HUF etc.). If an OE sensor cannot be read, TPS2 lets you enter its ID manually or lets you create a new sensor automatically on the basis of the selected sensor type.
- access a vast technical database and consult part numbers for OE and aftermarket sensors;
- use KEYFOB (a function that lets you diagnose the state of the vehicle remote control);
- produce REPORTS. This tool assigns a QR code to each service so that you can recall information at any time, and program a new set of sensors using the same data.

In addition to these functions, TPS2 purchased in the configuration with diagnostic package is coupled with the NanoService diagnostic tool. This configuration lets you interface with the vehicle's TPMS control unit, read and clear errors and, when necessary, run vehicle-specific self-learning procedures to load data from newly installed sensors into the control unit.



COLOUR DISPLAY

high resolution, 320x480

DATABASE

Sensor programming from historical data

PRINT FUNCTION

Option to print out work reports
(only with TEXA Thermal Printer)

TWS2

Faster than ever automatic sensor scanning
Four times the power for unrivalled performance



5 MP HD CAMERA WITH AUTOFOCUS

Ready for the new QR code technology



TORCH

For working in poor lighting conditions

SENSORS

Extended coverage

KEYFOB

Diagnostics for the vehicle's remote control

Self-learning procedures for all vehicles

TEXA TPS KEY for existing TEXA customers



SENSORS OE sensor activation test	PROGRAMMING Transfers configurations from OE sensors to universal sensors	DATABASE Coverage CAR-BIKE
BLUETOOTH VCI INTERFACE For communicating with the latest generation of AXONE tools	PLUG & PLAY Quick, easy installation	TPMS REPAIR APP A free app guides you step by step through all work procedures

Garages that already own a latest generation TEXA display unit and simply want to expand their diagnostic capacity can purchase the TPS KEY. Despite its extremely compact dimensions, this USB module is packed with advanced technology. Simply plug your TPS KEY into the **USB port** of your TEXA interface to convert it into a complete tool for working on TPMS systems.

Thanks to the TPS KEY and its own, latest generation Cortex processor, technicians can perform **all tire-related tasks**, interrogate TPMS sensors, interact with the IDC5 software and TEXA VCI's to communicate with a vehicle's electronic control units, clone sensor ID's on to universal replacements and access detailed diagnostic resources.

The TPS KEY is quick and easy to install thanks to a built-in USB port. The 'TPMS Repair' app guides users through all procedures step by step.



TPMS Repair APP

By activating the TPMS Repair APP in combination with TPS or TPS KEY, you can accurately perform all tire-related operations that tire specialists and FAST-FIT centres carry out every day; for example: tire change, summer/winter change, valve sensor replacement, rotation to reduce tire wear.

TEXA TIRE MANAGER

TEXA TIRE MANAGER is **dedicated software for owners of TPS2** that permits the **complete management of tires** and of all the jobs associated with them in the modern garage. Once a customer profile has been created and associated with a vehicle, TEXA TIRE MANAGER lets you monitor the entire tire life cycle, recording all work done as the result of an accident (e.g. a puncture caused by a nail) or scheduled servicing (e.g. seasonal tire changes). This new software records all the jobs done on the vehicle's tires and regularly updates the state of tread wear in order to provide all the information you need about the tires, whenever you need it. Thanks to the print function, you can even print out paper reports giving details of the work done.

TEXA THERMAL PRINTER (accessory)

This thermal printer gives you a clear and rapid printout of the results of your TPMS sensor diagnostic session, for you to show to your customers. Printed data includes: sensor ID, pressure, temperature, battery state, etc.. The TEXA THERMAL PRINTER incorporates a lithium battery so that you can print out diagnostic results anywhere in the workshop without having to waste time walking back to the office printer.



Technical training

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.



D7C: TPMS Tire Pressure Monitoring System & reset procedures

This course is aimed at providing information on the operating strategies of the main tire pressure monitoring technologies, system components, radio-frequency TPMS valves, initialisation of each sensor, RF receiver, control unit and data exchange with the CAN bus for data transmission to the instrument panel. You will learn to carry out procedures for tire maintenance such as change, rotation, change with winter tires using the diagnostic tool; copy/reprogramming of TPMS sensors and the system reset modes using the TPS tools.



D6C: TPMS Service configurations and adjustments

Attending this course you will be able to interpret the following IDC5 pages: Activations, Errors, Parameters and Adjustments. Diagnostic procedures will be presented with case studies for troubleshooting, warning light reset, maintenance services, electric steering calibration and steering angle sensor calibration, electromechanical parking brake calibration, injector coding, brake pad replacement, forced particulate filter regeneration, DPF additive reset, tire pressure sensor diagnosis.

TEXA

TEXA was founded in 1992 in Italy and is today among the world leaders in the design and production of multi-brand diagnostic and tele-diagnostic tools, exhaust gas analysers and air conditioning service stations. TEXA is worldwide with an extensive distribution network; through its subsidiaries, it sells in Brazil, France, Germany, Japan, Great Britain, Poland, Russia, Spain and the United States. Currently there are approximately 650 TEXA employees in the world, among which 150 engineers and specialists dedicated to Research and Development. Over the years, TEXA has received many awards and international recognitions, among which the Automechanika Frankfurt Innovation Award (2010 and 2014), the National Innovation Award as the most innovative

company in Italy, received by the then President of the Republic Giorgio Napolitano (2011), the Irish Automotive Innovation Award (2014), and the Golden Wrench award in Moscow (2015 and 2017). In 2015, the Mit Technology Review awarded TEXA among the ten most "disruptive" companies in Italy. In 2016, TEXA received the Frost & Sullivan award for "European Commercial Vehicle Diagnostics Customer Value Leadership". All TEXA tools are designed, engineered and built in Italy on modern, automated production lines that guarantee the utmost precision. TEXA pays particular attention to the quality of its products, and obtained the strict certification ISO TS 16949 specially written for original equipment suppliers to the automotive industry.



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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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