

# TPM-02



## DIAGNOSIS INSTRUMENT AND TPMS SENSORS REPROGRAMMING



From 1 November 2014, all new cars must be equipped with TPMS systems for monitoring tyre pressure.

This is a new job and growth opportunity, not only for tyre service professionals, but also for the spare parts market.

To adequately take this opportunity the operators must have a specialised and universal tool.

Tecnomotor offers the right solution with the TPM-02, a device for reading pressure values from the TPMS sensors and reprogramming/checking universal sensors.

TPM-II reveals itself to be an indispensable tool to:

- check the sensor operation before the tyres maintenance;
- determine the correct operation of the TPMS system;
- determine the reason why the "Tyre pressure" (TPMS) warning light turns on;
- make sure that the sensor provides accurate reading of pressure and temperature;
- perform the wireless measuring of the tyre pressure;
- activate safe and fast repair actions with reference information (such as rotation torque values or parts codes) always available to avoid damage because of incorrect procedure;
- make sure that the sensors are refitted in their original position after the service (positioning tool);
- the programming of the programmable sensors, such as SensIT, IntelliSens, RediSensor and EZ sensors for the replacement of defect OEM sensors;
- perform a TPMS codification operation after replacing a sensor.



### SUPPORT FOR UNIVERSAL SENSORS



REDI-Sensor

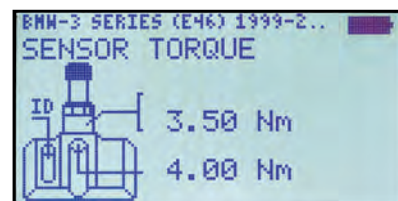
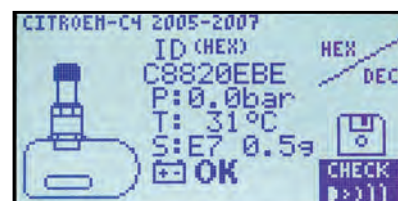


Azienda con sistema di gestione per la qualità certificato da BV UNI EN ISO 9001:2008



## FUNCTIONS TPM-02

- **Vehicle Approval/Delivery** [tyre maintenance].  
Upon approval of the vehicle or during delivery, the TEST VEHICLE EASYCHECK allows to verify the correct operation of the sensors and the battery status. It is also possible to save and print (with a PC) a report to be delivered to the customer.
- **Repair** [Malfunctioning]. They are directly available on the tool of technical data required for the repair, including the TIGHTENING TORQUE to fix the sensor on the rim and the sensor on the valve. Indicated are also all the original spare part codes.
- **Customer/Vehicle Management.**  
The tool can be connected to a PC with the supplied software:  
Print the test results.  
Store the test on your PC.  
Display the procedure for the learning of the new sensors from the instrument panel.  
Update the tool.
- **Programming Universal Sensors**  
This function makes it possible to duplicate an old sensor with a programmable universal sensor for replacing a broken or defective TPMS sensor. This procedure programmes the universal with the specific firmware of the original TPMS sensor.



## EOBD KIT FOR THE SENSORS REPROGRAMMING IN THE CONTROL UNIT

### OBD kit Supported functions

With the OBD reprogramming kit it is also possible to **reprogram sensors** on the vehicle directly from the diagnosis socket.

1. Sensor reprogramming
2. Fault code reading/clearing
3. EASY procedure for sensor and control unit testing and alignment



## TECHNICAL FEATURES TPM-02

- **Dimensions:** 160 x 80 x 36
- **LCD:** Graphic 128 x 64 pixel, 3 inch, transfective (for an optimal viewing even with direct sunlight).
- **Lithium Batteries:** duration of more than 1 week with 30 vehicles tested/day.
- **Battery charging system:** with protected jack socket and feeder.
- 7 button keypad.
- **SD Memory card.**
- **Acoustic and vibrating indicators.**
- Stamped rubber non-removable **impact protection** (IP54).
- **Language:** Italian, English, French, Spanish, Portuguese, German, Dutch, Polish, Czech.
- **Sensor diagnosis:** ID code of the sensor, pressure, temperature, battery level, acceleration, internal sensor status.
- **USB Port** connection PC and USB mass storage. Driver Windows XP and Windows 7 and 8.
- Updating the database with: PC, USB mass storage.

## STANDARD EQUIPMENT

Tool, Feeder, USB cable and CD ROM.

## SERVICES

- **6015000820** -> Annual subscription of sensor diagnosis software and programming of universal sensors supported by Tecnomotor.
- **8-64500013** -> Kit EOBD for reprogramming sensors in vehicle control unit.
- **6015000821** -> Annual subscription of sensor diagnosis software and programming of universal sensors and reprogramming and sensors in control unit.

## EOBD KIT TECHNICAL FEATURES

- Protocols supported: ISO 11898 CAN-ISO9141 K/L - ISO 14230.
- Communication software specific to each vehicle control unit.



[www.tecnomotor.it](http://www.tecnomotor.it)

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