



AUTEL TPS218 Programmable Universal TPMS Sensors Instruction Manual

[Home](#) » [AUTEL](#) » AUTEL TPS218 Programmable Universal TPMS Sensors Instruction Manual 



Email: sales@autel.com

Web: www.autel.com

www.maxitpms.com

PRE-PROGRAMMED UNIVERSAL TPMS SENSOR



433MHz-PL MX-Sensor (Screw-in)



NOTE:

- 433MHz-PL MX-Sensor is pre-programmed for the majority of European vehicles such as Mercedes-Benz, BMW, Audi, Volkswagen, Peugeot, Citroen, Fiat, and Porsche, and is 100% programmable for all supported vehicles.
- This sensor is not designed for use on vehicles driving in racing competitions. Ensure vehicles with sensors installed maintain speeds below 300km/h (186mph).

Contents

- [1 WARRANTY](#)
- [2 SAFETY INSTRUCTIONS](#)
- [3 EXPLODED VIEW OF SENSOR](#)
- [4 INSTALLATION GUIDE](#)
- [5 Documents / Resources](#)
- [6 Related Posts](#)



WARRANTY

AUTEL guarantees that the sensor is free from material and manufacturing defects for a period of twenty-four (24) months or for 25,000 miles, whichever comes first. AUTEL will at its discretion replace any merchandise during the warranty period.

The warranty shall be void if any of the following occurs:

1. Improper installation of products
2. Improper usage
3. Induction of defects by other products
4. Mishandling of products
5. Incorrect application
6. Damage due to collision or tire failure
7. Damage due to racing or competition
8. Exceeding specific limits of the product

SAFETY INSTRUCTIONS



Before installing the sensor, read the installation and safety instructions carefully. For reasons of safety and for optimal operation, we recommend that any maintenance and repair work be carried out by trained experts only, in accordance with the guidelines of the vehicle manufacturer. The valves are safety-relevant parts that are intended for professional installation only. Failure to do so may result in the failure of the TPMS sensor. AUTEL does not assume any liability in case of faulty or incorrect installation of the product.

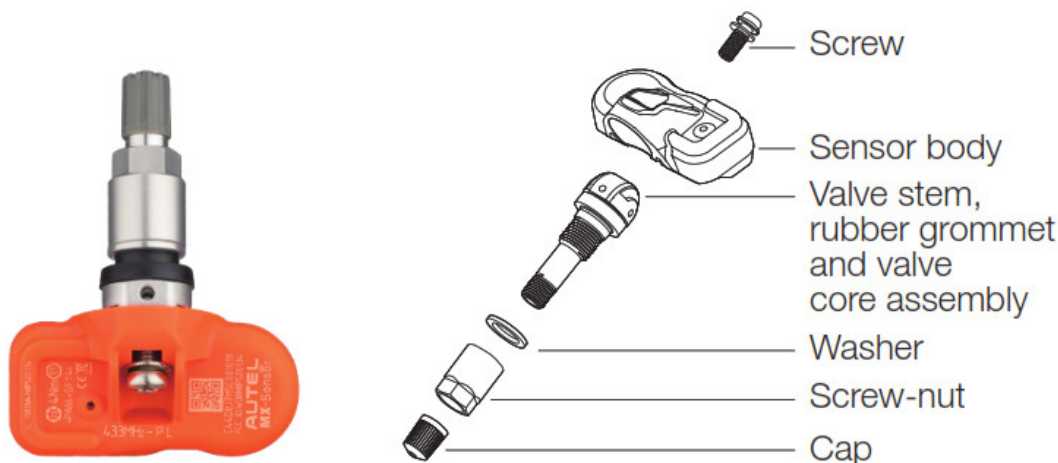


CAUTION

- The TPMS sensor assemblies are replacement or maintenance parts for vehicles with factory-installed TPMS.

- Do not install TPMS sensors on damaged wheels.
- In order to guarantee optimal function, the sensors may only be installed with original valves and accessories provided by AUTEL.
- Upon completing the installation, test the vehicle's TPMS following the procedures described in the original manufacturer's user guide to confirm proper installation.

EXPLODED VIEW OF SENSOR



Sensor Specifications

Weight of sensor without valve	16.5 g
Dimensions	approx. 51.97*29.08*22.25 mm
Max. pressure range	800 kPa



CAUTION: Each time a tire is serviced or dismounted, or if the sensor is removed or replaced, it is mandatory to replace with Autel manufactured or delivered rubber grommet, washer, screw nut, and valve core in order to ensure proper sealing.

It is mandatory to replace the sensor if it is externally damaged.

Correct sensor nut torque: 4 Newton-meters

INSTALLATION GUIDE

IMPORTANT: Before operating or maintaining this unit, please read these instructions carefully and pay extra attention to the safety warnings and precautions. Use this unit correctly and with care. Failure to do so may cause damage and/or personal injury and will void the warranty.

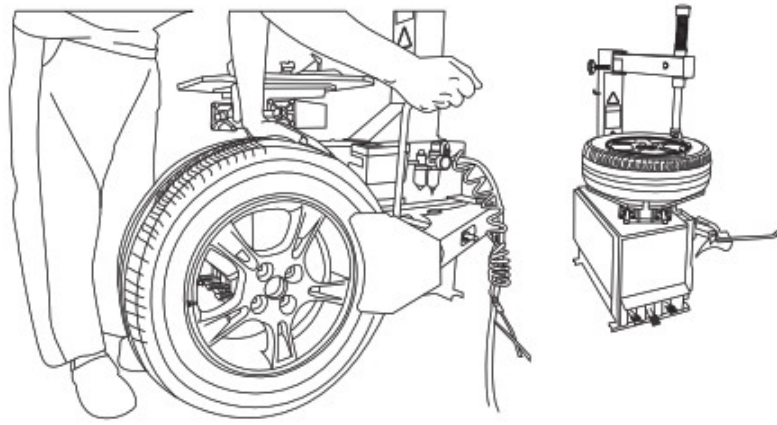
1. Loosening the tire

Remove the valve cap and core and deflate the tire.

Use the bead loosener to unseat the tire bead.



CAUTION: The bead loosener must be facing the valve.

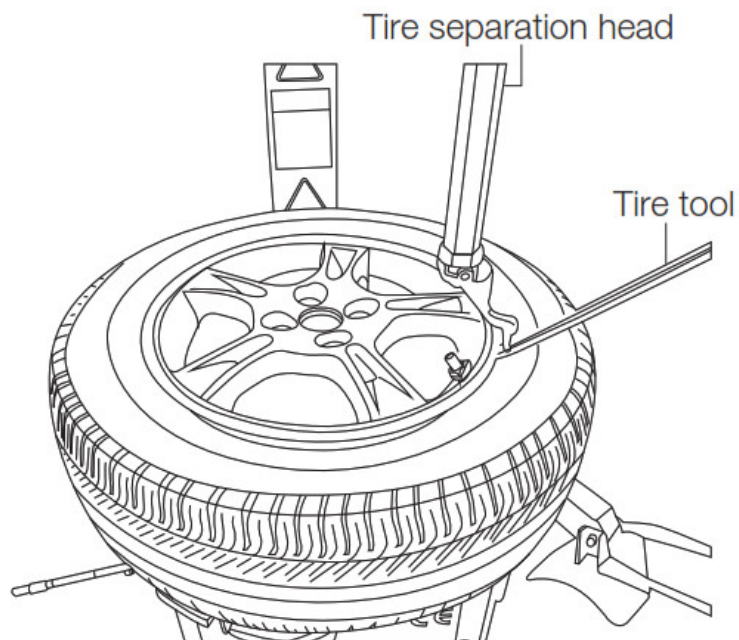


2. Dismounting the tire

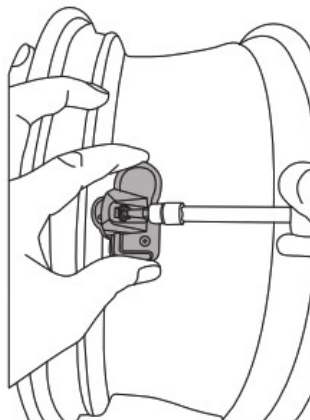
Clamp the tire onto the tire changer, and adjust the valve at 1 o'clock relative to the tire separation head. Insert the tire tool and lift the tire bead onto the mounting head to dismount the bead.



CAUTION: This starting position must be observed during the whole dismounting process.



Step 3

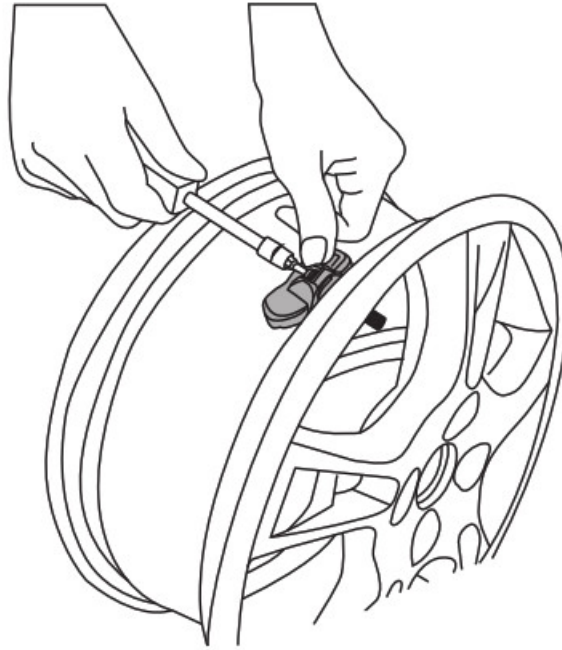


Step 4



3. Dismounting the sensor

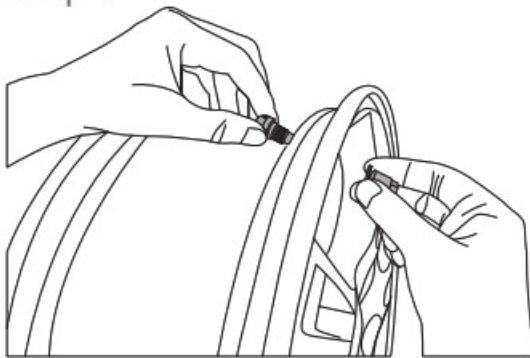
Remove the fastening screw and the sensor from the valve stem with a screwdriver, and then loosen the nut to remove the valve.



4. Mounting sensor and valve

Slide the valve stem through the valve hole of the rim. Tighten the screw-nut with 4.0N·m with the help of the fixed rod. Assemble the sensor and the valve stem together by a screw. Hold the sensor body against the rim and tighten the screw.

Step 1



Step 2

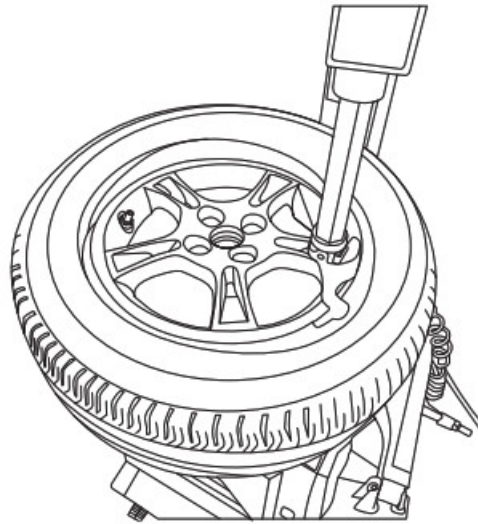


5. Mounting the tire

Place the tire on the rim, and make sure that the valve faces the separation head at an angle of 180°. Mount the tire over the rim.



CAUTION: The tire should be mounted to the wheel using tire changer manual- lecturers instructions.



Documents / Resources



[AUTEL TPS218 Programmable Universal TPMS Sensors](#) [pdf] Instruction Manual
TPS218, Programmable Universal TPMS Sensors, TPS218 Programmable Universal TPMS Sensors, Universal TPMS Sensors