

PROGRAMMABLE UNIVERSAL TPMS SENSOR TP-SENSOR



Take 433MHz sensor as an example in this manual.

433MHz/315MHz Metal Valve (Screw-in)

CAUTION: Do Not race with the vehicle on which the Clamp-in TP-Sensor is mounted, and always keep the drive speed under 240 km/h.

SAFETY INSTRUCTIONS

Before installing the sensor, please carefully read the instructions for use and safety instructions. For reasons of safety and optimal operation, we highly recommend that any maintenance and repair work be conducted by trained experts only, following the guidelines provided by the vehicle manufacturer. The valves are safety-reliant parts intended for professional installation exclusively. Failure to comply with this requirement may result in TPMS sensor malfunction. OBDRResource does not assume responsibility for faulty or incorrect product installations.

CAUTION

- The TPMS sensor assemblies are replacement or maintenance parts for vehicles with factory installed TPMS.
- Make sure to program the sensors by OBDRResource sensor programming tools by the specific vehicle make, model and year before installation.
- Do not install programmed TPMS sensors in damaged wheels.
- In order to guarantee optimal function, the sensors may only be installed with original valves and accessories provided by OBDRResource.
- After the installation is complete, test the vehicle's TPMS by following the instructions in the original manufacturer's user guide to confirm proper installation.

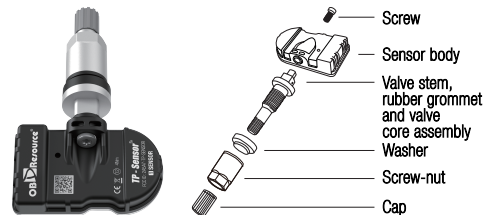
WARRANTY

OBDRResource guarantees that the sensor is free from material and manufacturing defects for a period of twenty-four (24) months or 24,000 miles, whichever comes first. OBDRResource 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.

EXPLODED VIEW OF SENSOR



Technical data of the sensor

Weight of sensor without valve	15 g
Dimensions	approx. 52*22*13 mm
Max. pressure range	9 Bar/130 Psi

CAUTION: Each time a tire is serviced or dismounted, or if the sensor is removed or replaced, it is mandatory to replace the rubber grommet, washer, nut and valve core with our parts to ensure proper sealing. It is mandatory to replace the sensor if it is externally damaged. Correct sensor nut torque: 4 Newton-meters.

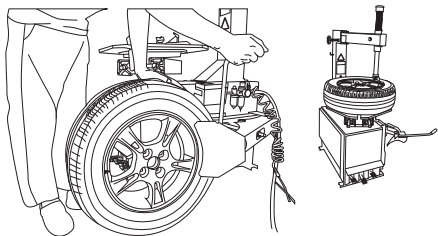
INSTALLATION GUIDE

⚠ IMPORTANT: Before operating or maintaining this device, please read these instructions carefully and pay attention to the safety warnings and precautions. Use this device correctly and carefully as failure to do so may void the warranty in the event of device malfunction or injury caused by incorrect operation.

1 Loosening the tire

Remove the valve cap and core and deflate the tire. Use the bead loosener to unseat the tire bead.

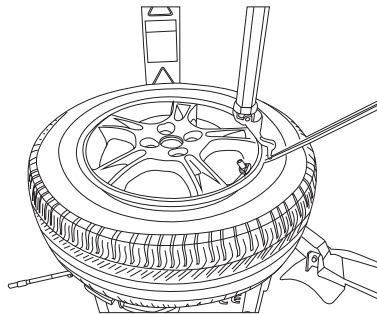
⚠ CAUTION: The bead loosener must be facing the valve.



2 Dismounting the tire

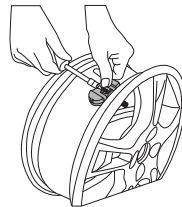
Clamp the tire onto the tire changer, and adjust the valve at 1 o'clock relative to the tire separation head. Insert the tire tool and lift the tire bead onto the mounting head to dismount the bead.

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



3 Dismounting the sensor

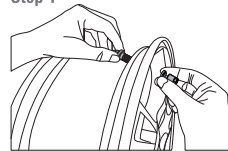
Remove the fastening screw and the sensor from the valve stem with a screwdriver, and then loosen the nut to remove the valve.



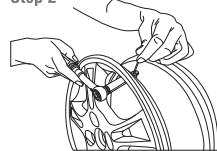
4 Mounting sensor and valve

Slide the valve stem through the valve hole of the rim. Tighten the screw-nut with 4.0 Nm with the help of the positioning pin. Assemble the sensor and the valve stem together by screw. Hold the sensor body against the rim and tighten the screw.

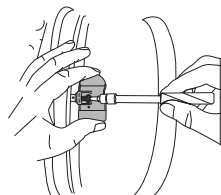
Step 1



Step 2



Step 3



Step 4



5 Mounting the tire

Place the tire on the rim, 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 manufacturer's instructions.

