

T-Sensor instruction

1. Safety instructions

Please read this manual carefully before using this product, be familiar with the structure of this product, and master the installation method of this product. Before installation, please confirm that the product accessories are complete, the product can work normally, and the appearance and structure are normal. The installation process shall strictly comply with the maintenance operation specifications and use professional maintenance tools. Otherwise, the company will not be responsible for any problems caused by customers' illegal operation. If any problem occurs during the use of the product, it must be replaced or stopped immediately and handed over to professional maintenance personnel or after-sales personnel for testing. After installing the product, be sure to re measure the dynamic balance of the tire to eliminate potential safety hazards.

2. Working parameters

Storage temperature: - 50 °C ~ 125 °C

Operating temperature: -40 °C ~105 °C

Pressure range: 0-800kpa

Waterproof grade: IP67

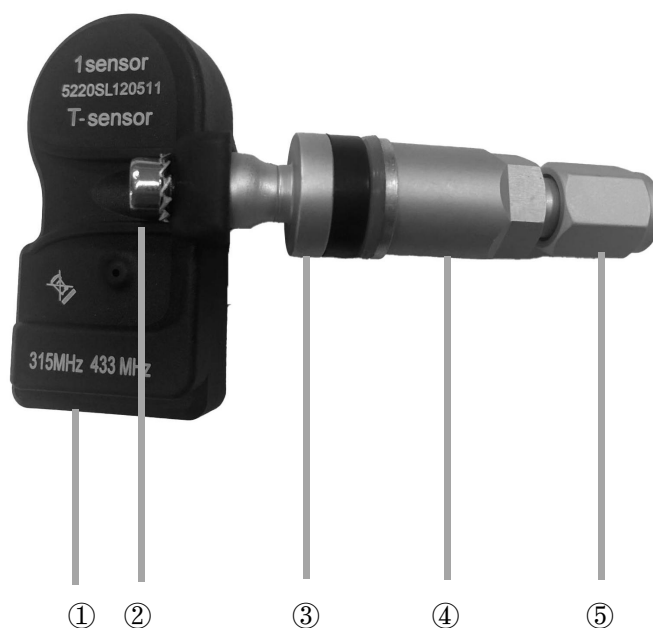
Transmitting power: <10dbm

Transmission frequency: 433.92mhz/315mhz

Measurement sensitivity: 7kpa

Weight: 33.5g (including valve)

3. Sensor component diagram

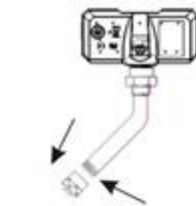
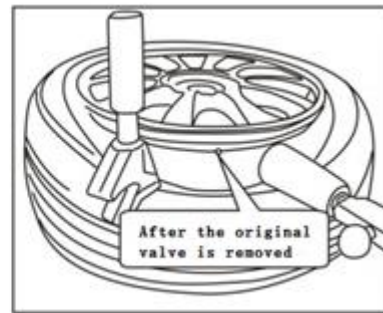
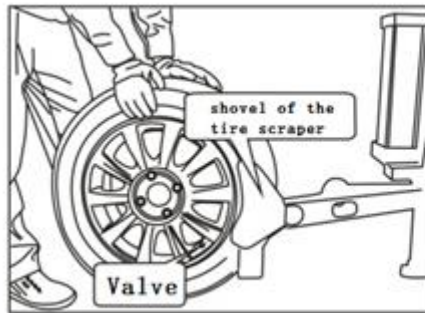


- ① TPMS Sensor.
- ② Sensor fixing screw.
- ③ Metal valve.
- ④ Valve fixing nut.

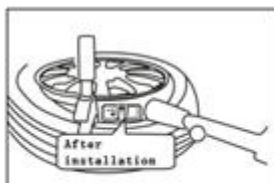
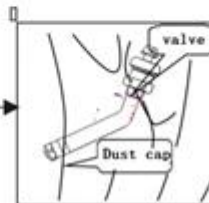
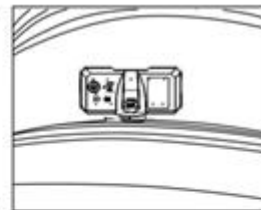
⑤ Valve cap.

4. Install procedure

1. Pass the valve through the hub and fix it with the valve fixing nut. Be careful not to tighten.
2. Fix the sensor on the valve with the sensor fixing screw. Note that the sensor should be close to the hub with a torque of $5\text{N} \cdot \text{M}$
3. Tighten the fixing nut of the valve with a wrench to complete the installation. Note that the wrench uses a torque of $8\text{N} \cdot \text{M}$.



Add soapy water or lubricant here
The sequence of the valves on the
outside of the tire is shown as
follows:



FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.