

I MANUAL



Please read this manual carefully before installing the sensor. Tire valve parts involve vehicle safety, and are only for professional installation. Otherwise, the sensor may be damaged and fail to work properly. Lonsdor disclaims all liability for any issues arising from product installation errors.

- 1.To ensure user experience, it is recommended that the sensor be programmed using the Lonsdor device before installation.
- 2.To ensure that the sensor can be used properly after installation, please select the correct vehicle model or part number.
- 3.Do not install the programmed sensor on a damaged wheel.
- 4.Must use original tire valve or accessories provided by Lonsdor.
- 5.After the installation is complete, the vehicle TPMS must be tested according to the procedures described in the original manufacturer's user manual to ensure that the sensor is installed properly.
- 6.Please always keep the air pressure below 900kPa and the vehicle speed below 240km/h.

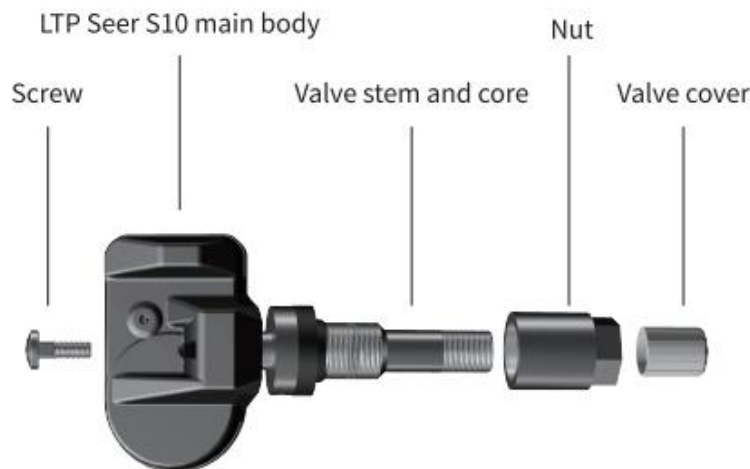
3. Warranty

Shenzhen Lonsdor Technology Co., Ltd. warrants to the original purchaser of this product that within two years from delivery or within 40,000 kilometers mileage traveled, if this product is proven to have material or workmanship defects that lead to sensor failure under normal use, with proof of purchase, Lonsdor will repair or replace it with a new product (or parts) free of charge according to the situation. Lonsdor shall not be liable for consequential or indirect damage caused by improper operation or product misuse.

This warranty does not apply to the following situations:

1. Improper installation of the product;
2. Misuse of the product;
3. Damage caused by collision or tire defect;
4. Exceeding the specific usage limits of the product;
5. Product damage due to non-standard use.

4. Product Description



Sensor Parameters	
Weight (tire valve excluded)	12g
Dimensions	43.2mm*26mm*16.7mm
Pressure detection range	0-900kPa

⚠ Note: The sensor must use the original washers, nuts and valve cores of Lonsdor to ensure airtightness. If the sensor is damaged, it must be replaced. The recommended installation torque is 4.0N.m.

5. Installation Guide

1. Loosen the tire

- Remove the valve cover and extract the valve core, then deflate the tire. Remount the tire from the rim.
- Note: Ensure the valve is oriented 180° towards the tire changer.



2.Remove the tire

- Secure the tire onto the tire changer with the valve positioned at a 30° angle relative to the demounting head, insert the crowbar and lift the tire bead onto the mounting head to remove the bead.
- Note: The starting position cannot be changed during the entire removal process.



3.Remove and install the sensor

- Unscrew and remove the nut, then extract the sensor main unit.
- Align the sensor with the valve at the proper angle, then tighten the valve nut to ensure the secure connection.
- Unscrew the nut.
- Insert the valve through the wheel rim, positioning the TPMS sensor on the inner side of the rim.
- Tighten the nut with a torque of 4.0Nm, and then tighten the valve cap.



4.Install the tire

- Install the tire, and inflate the tire according to the recommended tire pressure value on the manufacturer' s specification plate.

FCC Statement

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.

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 important announcement

Important Note:**Radiation Exposure Statement**

To maintain compliance with FCC's RF Exposure guidelines. This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

ISED Caution:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1.This device may not cause interference.
- 2.This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment should be installed and operated with minimum distance between 20cm the radiator your body

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1.L'appareil ne doit pas produire de brouillage;
- 2.L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps