

Foxwell T20 Programmable TPMS Sensor



Foxwell T20 Programmable TPMS Sensor User Guide

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Foxwell T20 Programmable TPMS Sensor



Specifications:

- Operating Frequency
- Pressure Monitoring Range
- Battery Life
- Vehicle Coverage
- Test Accuracy
- Weight of Sensor without Valve, Valve Stem, and rubber grommet assembly

Product Usage Instructions

Sensor Installation:

1. **Deflating the tire:** Remove the valve cover and valve core to deflate the tire.
2. **Dismantling the sensor:** Do not directly break the tyre bead in the region of the TPMS sensor. Use appropriate tools to remove the sensor.
3. **Installing sensor:**
 1. Connect the sensor body and the valve stem. Adjust the angle between them to fit the hub.
 2. Install the valve stem on the rim's valve hole and tighten the back screw.
 3. Adjust the angle between the sensor body and valve stem to fit the hub.
4. **Inflating the tire:** Inflate the tyre to the nominal value according to the tyre data plate using a valve core removal tool.

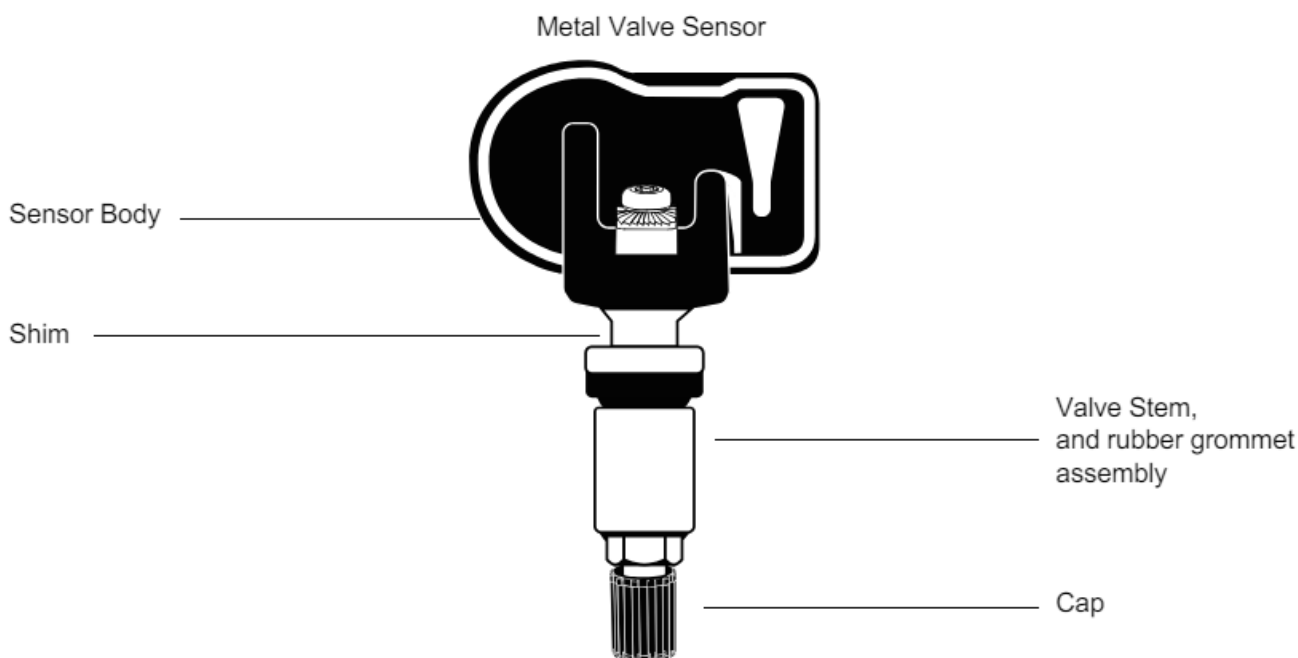
FAQ

- **Q: Can I install the TPMS sensor myself?**

- **A:** For safety reasons and proper functionality, it is recommended that only trained technicians perform the installation.
- **Q: What should I do if the sensor is damaged?**
 - **A:** If the sensor is damaged, it must be replaced with Foxwell's original parts to ensure proper connection.
- **Q: How do I contact customer support?**
 - **A:** You can contact customer support through the provided website, email, service number, or fax.

Sensor Description

Please read this quick start guide carefully before installing the sensor. For safety reasons, we recommend that only trained technicians perform maintenance and repair work by the guidance of the car manufacturer. The valves are safety-related components and are only used for professional installation. Incorrectly installed TPMS valves and sensors may malfunction. Foxwell does not assume any liability in case of faulty or incorrect installation of the product.



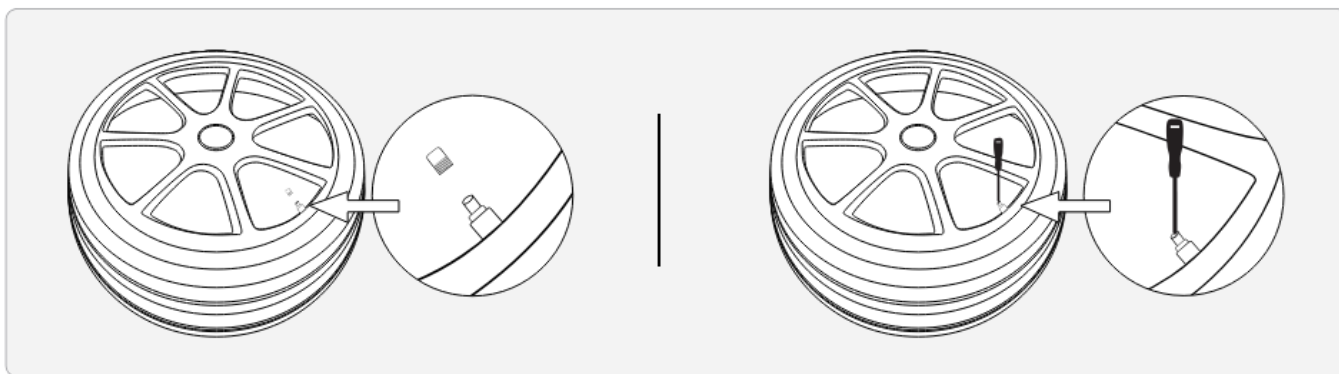
Technical Data

Operating Frequency	315 MHZ / 433 MHZ
Pressure Monitoring Range	0 to 800 kPa
Battery Life	4-6 year
Vehicle Coverage	>99%
Test Accuracy	± 5 kPa
Weight of Sensor without Valve	12 g

Sensor Installation

Foxwell T20 sensors are shipped blank and must be programmed with the Foxwell TPMS tool, which is recommended to be performed before installation.

Deflating the tire



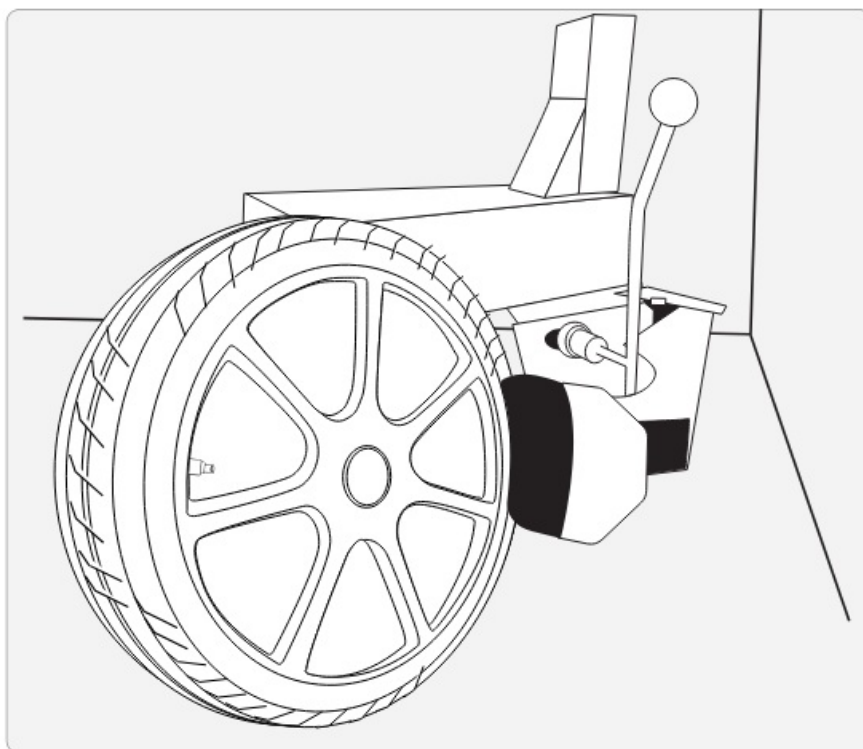
Remove the valve cover and valve core to deflate the tyre.

Remove the valve cover and valve core to deflate the tyre.

Place the tire in the tire machine with the TPMS sensor located 180° away from the bead breaker tool arm. Break the tire bead and remove the tire from the tire machine. Then use a suitable tool to dismantle the TPMS sensor. (Note* in some cases the tire may have to be removed entirely from the wheel)

Caution

Do not directly break the tire bead in the region of the TPMS sensor as it is easily damaged. If the TPMS sensor is a rubber valve snap-in type, please use the tire valve stem puller tool to remove it.



Installing sensor

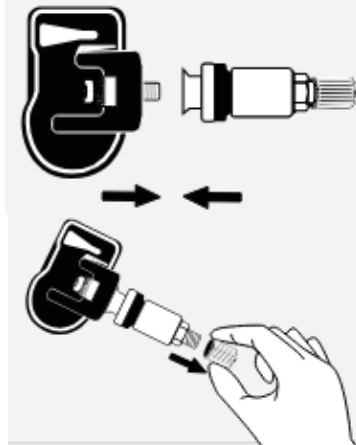
Caution

When the tire is repaired or disassembled, or if the sensor is disassembled or replaced, the rubber grommet,

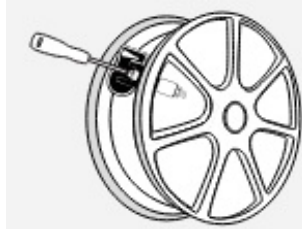
grommet, screw nut and valve core must be replaced with Foxwell original parts to ensure proper connection. If the sensor is damaged externally, it must be replaced.

Metal Valve Stem Sensor Installation

1. Connect the sensor body and the valve stem. (Screw on the back screw but do not tighten it for adjusting the angle.



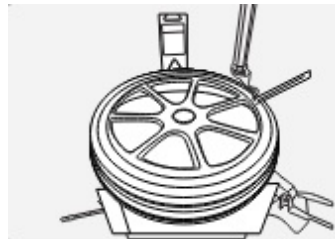
2. Remove the cap, screw nut, and grommet from the stem one by one.



3. Install the valve stem on the valve hole of the rim and adjust the angle between sensor body and the valve stem to fit hub. Then tighten the back screw.

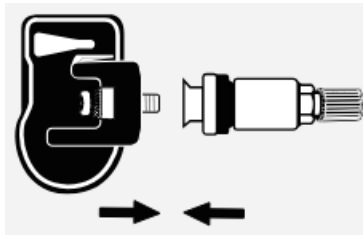


4. Install the grommet, screw nut and cap on the stem.
5. Use the tire valve stem puller to pull the sensor to the proper position.

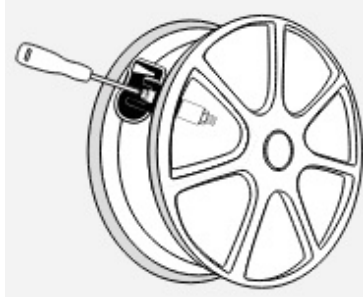


Rubber Valve Stem Sensor Installation

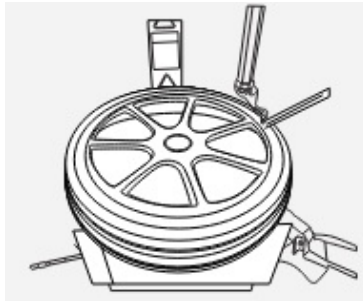
1. Connect the sensor body and the valve stem. (Screw on the back screw but do not tighten it for adjusting the angle.)



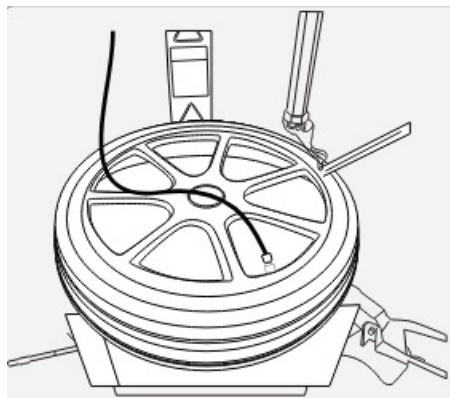
2. Install the valve stem on the valve hole of the rim and adjust the angle between sensor body and the valve stem to fit hub. Then tighten the back screw.



3. Use the tire valve stem puller to pull the sensor to the proper position.



Inflating the tire



Dismantle the valve core with valve core removal tool. Then inflate the tire to the nominal value according to the tire data plate the vehicle. Install the valve core and screw the valve cap

FCC

FCC Warning Statement: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 radiocommunications. 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 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. FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

Contact Us

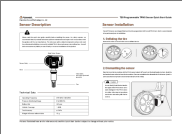
For service and support, please contact us.



- **WebSite:**www.foxwelltech.us
- **E-mail:**support@foxwelltech.com
- **Service Number:**+86 – 755 – 26697229
- **Fax:**+86 – 755 – 26897226

Pictures illustrated here are for reference only and this Quick Start Guide is subject to change without prior notice.

Documents / Resources

	Foxwell T20 Programmable TPMS Sensor [pdf] User Guide 2AXCX-T20, 2AXCXT20, T20 Programmable TPMS Sensor, T20, Programmable TPMS Sensor , TPMS Sensor, Sensor
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References

-  foxwelltech.us
- [User Manual](#)

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