



SYSGRATION RSI-24 RTX TPMS Sensor User Guide

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SYSGRATION®

RSI-24 RTX TPMS Sensor
User Guide

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Safety Instruction

Read all installation, and safety instructions and review all illustrations before installing the sensor. For reasons of safety and for optimal function, the manufacturer recommends that any maintenance and repair work is carried out by trained experts only and according to the guidelines of the vehicle manufacturer. The valves are safety-relevant parts that are intended for professional installation only. Failure to follow installation instructions may result in the failure of the vehicle TPMS sensor to operate properly. The manufacturer does not assume any liability in case of incorrect, faulty or incomplete installation of the product.



Caution

- The manufacturer assemblies are replacement or maintenance parts for vehicles that have a factory-installed TPMS.
- Make sure to program sensor by manufacturer programming tool for your specific vehicle make, model and year before installation.

- In order to guarantee optimal function, the sensor may only be installed with valves and accessories by the manufacturer.
- Upon completion of installation, test the vehicle's TPMS system using procedures described in the original manufacturer's user guide to confirm proper installation.

Limited Warranty

Manufacturer warrants to the original purchaser that the TPMS sensor complies with manufacture product specifications and shall be free from defects in material and workmanship under normal and intended use for a period of twelve (12) months from the date of purchase. The warranty shall be void if any of the following occur:

1. Improper or incomplete installation of products
2. Improper usage
3. Induction of defects by other products
4. Mishandling of product and/or any modifications to the products
5. Incorrect application
6. Damage due to collision or tire failure
7. Racing or competition

The manufacturer's sole and exclusive obligation under this warranty will be to repair or replace at the manufacturer's discretion, without charge, any merchandise that does not conform to this above warranty and is returned with a copy of the original sales or satisfactory evidence of the date of purchase, to the dealer whom the product was originally purchased or to manufacturer. Notwithstanding the foregoing, in the event that the product is no longer available, the manufacturer's liability to the original purchaser shall not exceed the actual amount paid for the product.

Manufacture expressly disclaims all other warranties, express or implied, including any warranty of merchantability. For fitness for a particular purpose. Under no circumstance shall the manufacturer be liable to any party or person for any other amounts including but not limited to labor charges for installation or reinstallation of products nor shall the manufacturer be liable for any other damages including but not limited to direct, indirect, special, consequential and incidental damages. This limited warranty gives the original purchaser specific legal rights, which may vary from state to state. It is exclusive and in lieu of all other obligations, liabilities or warranties, whether express or implied.

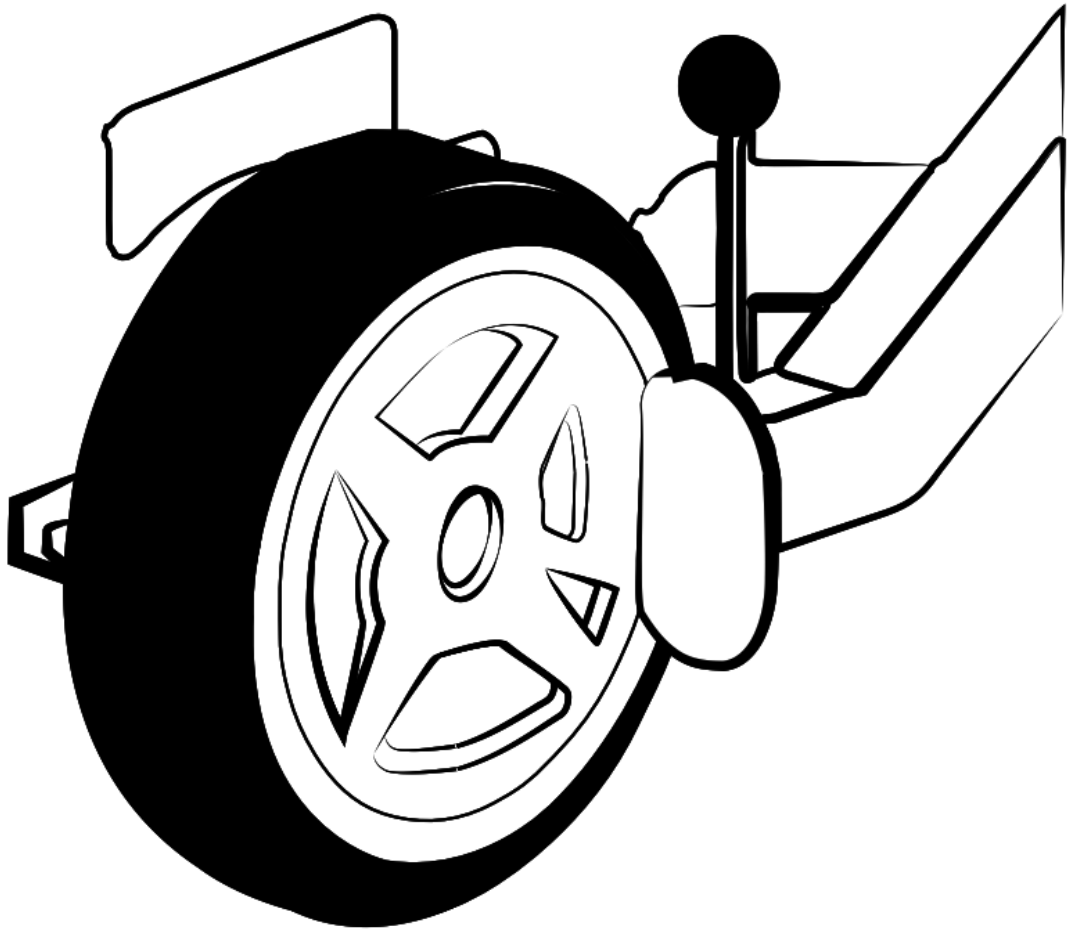
Installation Guide



WARNING: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS OR THE USE OF IMPROPER TPMS SENSORS MAY RESULT IN THE MOTOR VEHICLE TPMS SYSTEM FAILURE CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

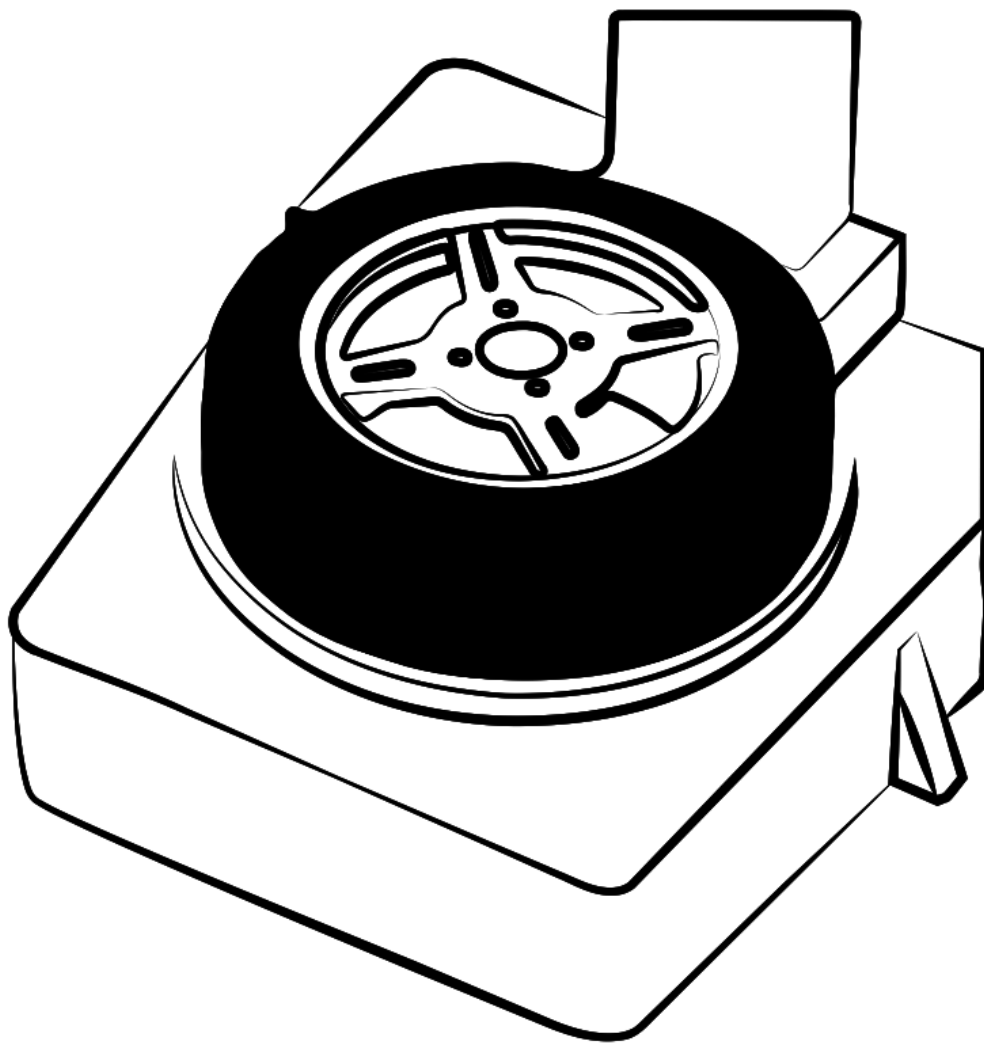
Each time a tire is serviced or dismounted or if the sensor is removed, it is MANDATORY to replace the nut, and valve to ensure proper sealing. The TPMS sensor nut must be properly installed and tightened for proper installation. Carefully follow instructions and use a torque wrench to ensure proper installation. Failure to torque the TPMS sensor nut properly will void the warranty and the TPMS may not function properly.

1. Loosening the tire

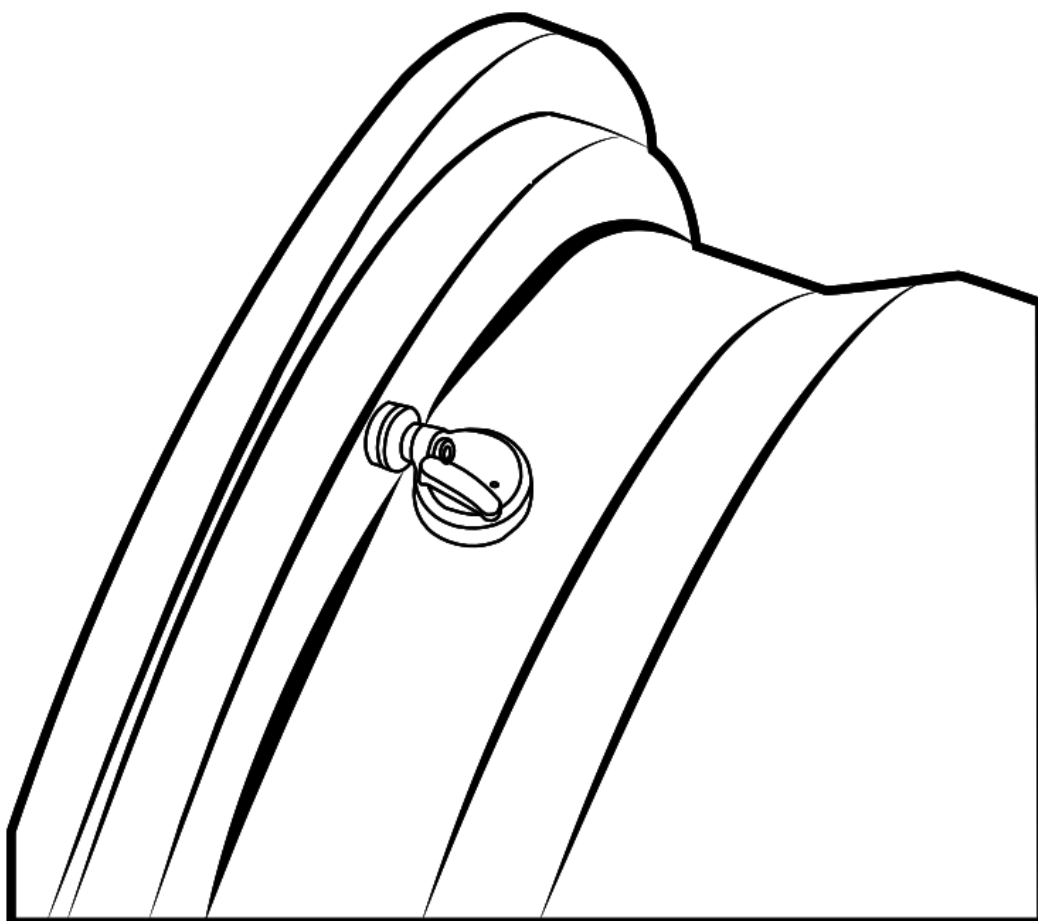


Remove the valve cap and core and deflate the tire. Use the bead loosener to unseat the tire bead.

2. Dismount the tire from the wheel

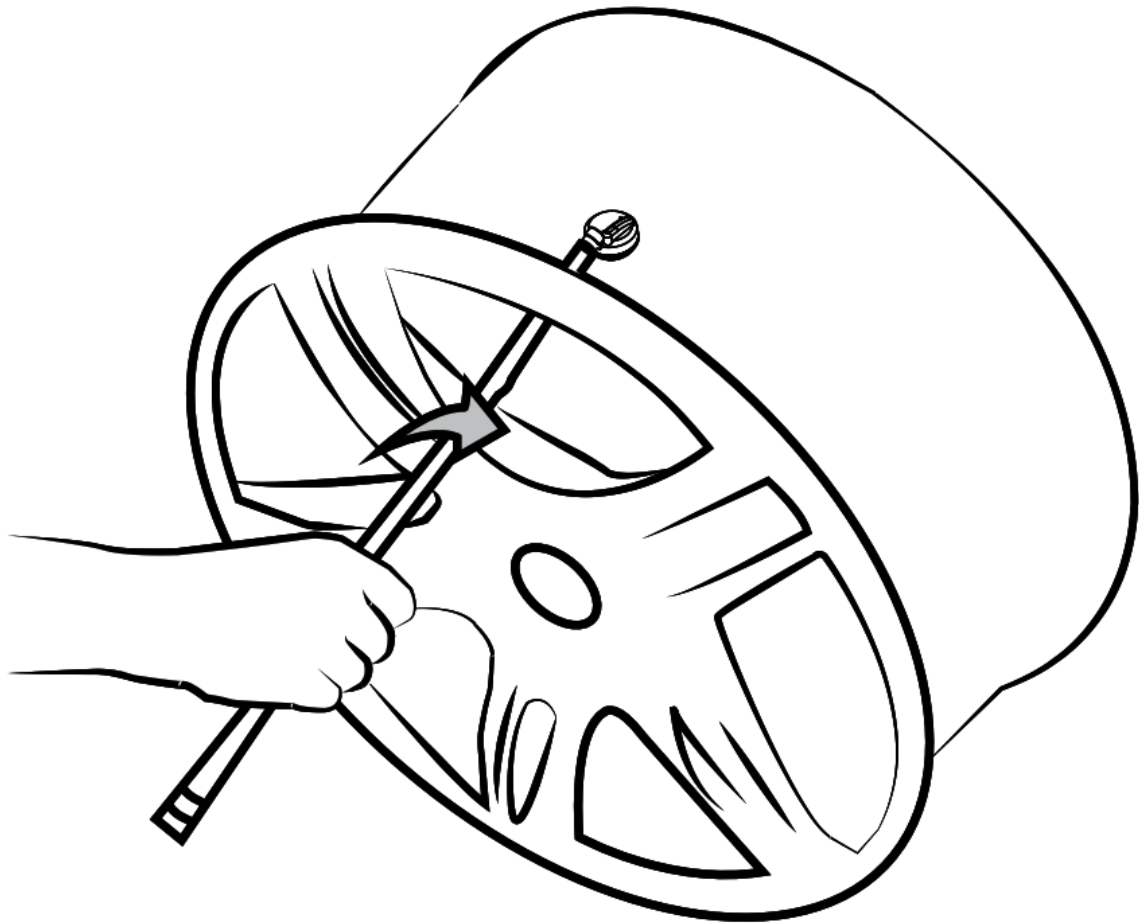


3. Dismount the original sensor



With a screwdriver remove the fastening screw and sensor from the valve stem. Then loosen the nut and remove the valve.

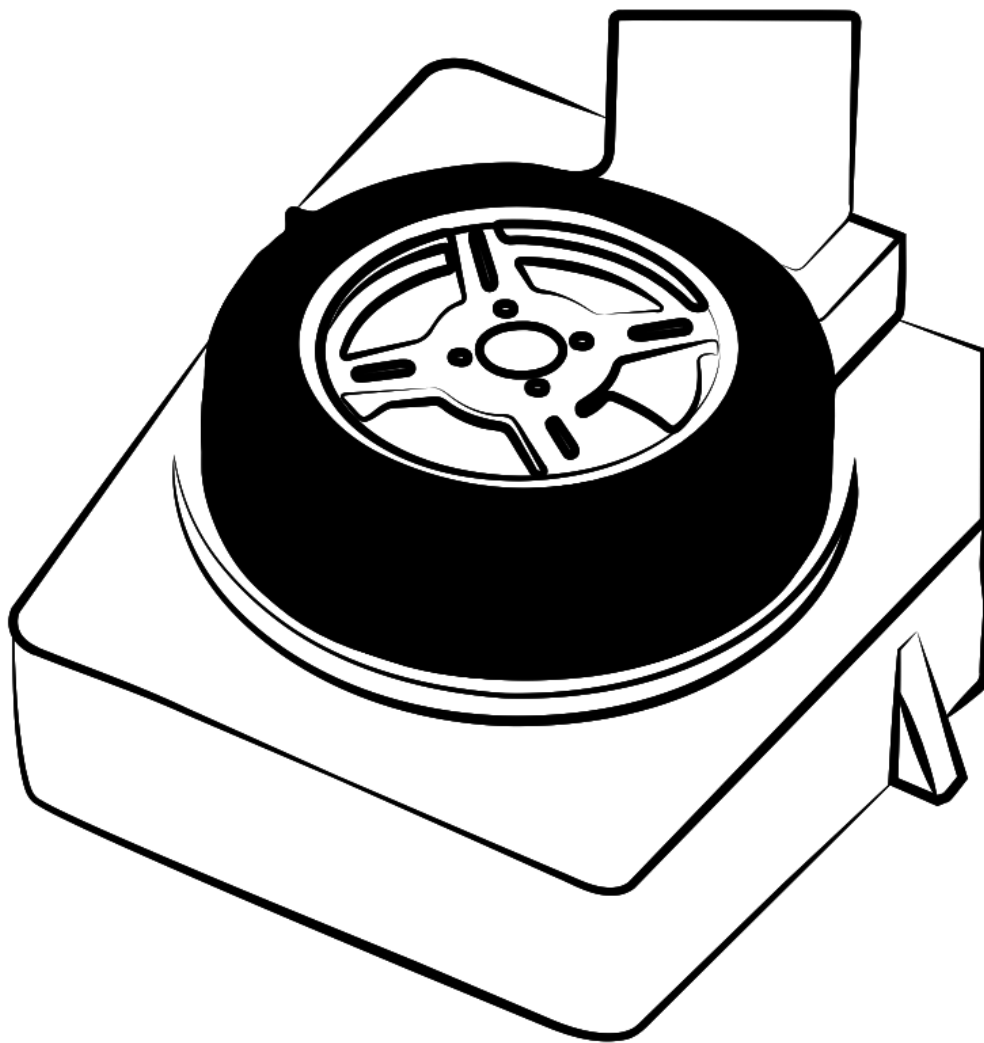
4. **Mount the Sensor and valve**



Slide the valve stem through the valve hole of the rim. Tighten the nut with 4.0 Nm by a torque wrench.

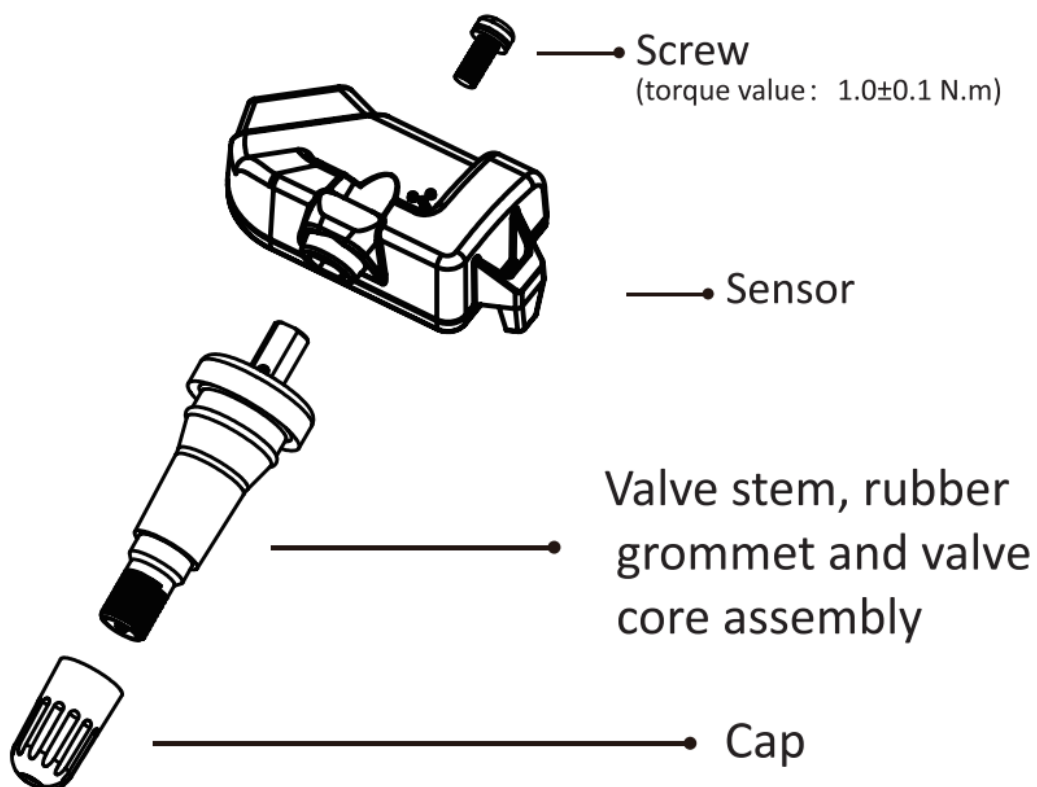
Assemble the sensor and the valve against the rim and tighten the screw.

5. **Mounting the tire**

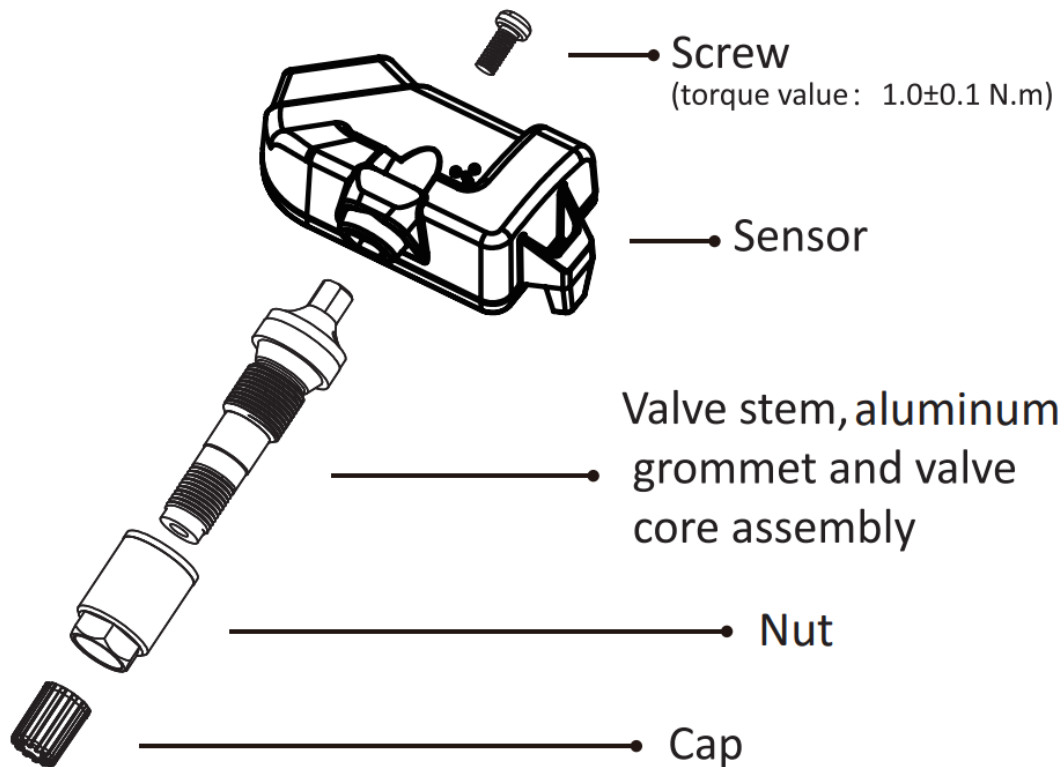


Clamp the rim onto the tire charger so that the valve faces the assembly head at an angle of 180°.

Sensor with Rubber Valve



Sensor with Aluminum Valve



Warning:

Correct nut torque: 40 inch-pounds; 4.6 Newton-meters. TPMS SENSOR AND/OR VALVE BROKEN BY OVERTORQUE ARE NOT COVERED UNDER WARRANTY. FAILURE TO ACHIEVE THE NECESSARY TPMS SENSOR NUT TORQUE MAY RESULT IN AN INADEQUATE AIR SEAL, RESULTING IN TIRE AIR LOSS.

FCC Notice:

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. (2) This device must accept any interference received, including interference that may cause undesired operation.

IC Notice:

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to another user, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communications.

WARRANTY INFORMATION

Professional installer: When replacing an entire TPMS sensor assembly under warranty, please complete the following TPMS sensor warranty information give one copy to the Customer and send the duplicate copy to the indicated address.

Place of Repair

Address.....

Phone.....

Vehicles owner name.....

Sensor Installation Dat.....

Address.....

Motor Vehicle Make.....


Model.....

Year.....

VIN.....

Sensor ID.....

Documents / Resources



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RSI24, HQXRSI24, RSI-24 RTX TPMS Sensor, RSI-24 RTX, TPMS Sensor