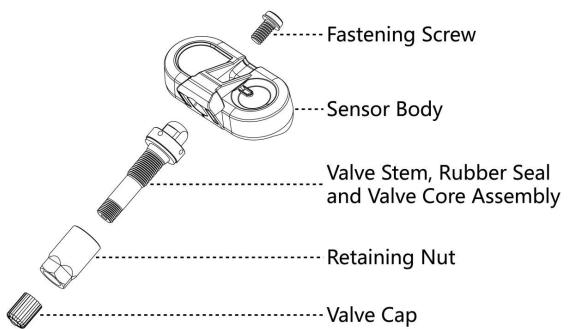


CGSULIT® Bluetooth TPMS Sensor TS02

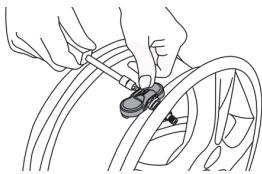
1. Exploded Diagram of TPMS Sensor Assembly



2. Technical Specifications

Battery Life	5 years+
Operating Temperature	-40°C to +105°C
Storage Temperature	-40°C to +105°C
Temperature Measurement Range	-40°C to +105°C
Power supply	3V
Operating Humidity	≤90%
Operating Frequency	2402-2480MHz
Pressure Measurement Range	0-800 kPa
Pressure Measurement Accuracy	±10 kPa
Temperature Measurement Accuracy	±3°C
Acceleration Support	±250 g
Transmission Power	4-6 dBm
Battery Capacity	345 mAh
Ingress Protection Rating	IP67
Package Dimensions (L×W×H)	73 × 30 × 45 mm
Package Weight	44.1 g

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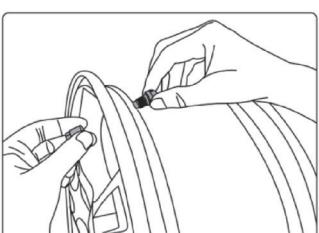
- ③ Remove the sensor
Use a screwdriver to loosen the retaining screw on the valve stem to detach the sensor. Then loosen the retaining nut and remove the valve stem.

④ Install the sensor and valve stem

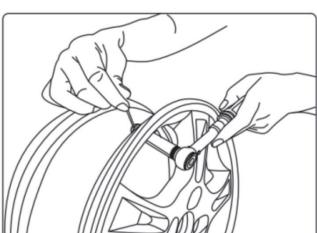
Step 1: Insert the valve stem through the valve hole from the inside of the rim.
Step 2: Using a holding tool, tighten the nut to 4.0 N·m (Newton-meters) torque.
Step 3: Adjust the installation angle so the sensor sits flush against the rim, then tighten the retaining screw.

Step 4: The sensor and valve stem are now installed.

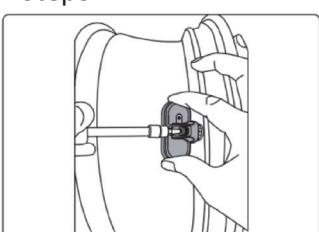
Step1:



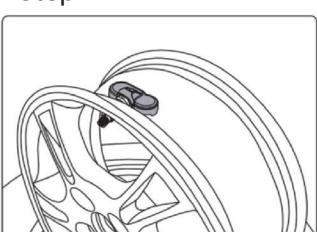
Step2:



Step3:



Step4:



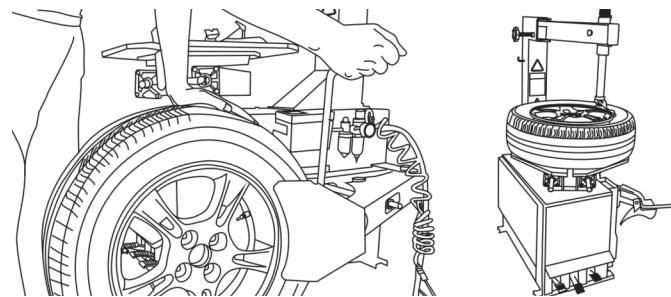
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3. Packing List

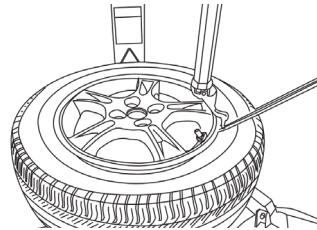
Item	Quantity
Finished Product Packaging Box	1
Bluetooth Tire Pressure Sensor Unit	1
Black/Coffee-Colored Aluminum Valve Stem	1
Screw	1

4. Operation Introduction

- ① Deflate the tire
Remove the valve cap and valve core, then fully deflate the tire.
Use an air-powered bead breaker to separate the outer tire bead from the rim.
Note: Ensure that the valve stem is positioned 180° opposite the bead breaker blade.



- ② Remove the tire
Secure the tire on the tire changer.
Position the valve stem at the 1 o'clock position relative to the tire changer's mount/demount head.
Insert the tire lever and lift the tire bead over the mount head to remove the bead.
Note: Maintain this starting position throughout the demounting process.

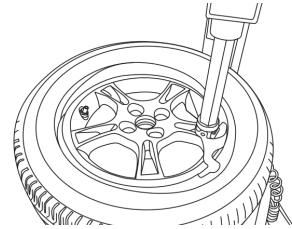


1

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- ⑤ Install the tire
Place the tire onto the rim, ensuring that the valve stem is positioned 180° opposite the mount head.
Mount the tire onto the rim following the tire changer manufacturer's instructions.



5. Pairing and Connection

1. Start the Vehicle
Once the vehicle is started, it will automatically search for the installed Bluetooth Tire Pressure Monitoring Sensors (TPMS).

2. Automatic Connection
When the vehicle speed reaches 24 kph or above and is maintained for 1-3 minutes, the in-vehicle system will automatically detect the sensors and synchronize the data.
When the tire pressure and temperature for all four wheels are displayed on the "Vehicle Status" or "Tire Information" screen, the connection is successful.
If the connection fails, restart the vehicle or check the sensor installation and battery level.

6. Note

Before installing the sensor, please read all instructions and precautions carefully. It is recommended that the installation be performed by a professional. Failure to follow the installation instructions may result in the tire pressure sensor not functioning properly.

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.