SAFETY INSTRUCTIONS

Before installing the sensor, read the installation and safety instructions carefully. For reasons of safety and for optimal operation, we recommend that any maintenance and repair work be carried out by trained experts only, in accordance with the guidelines of the vehicle manufacturer. The valves are safety-relevant parts which are intended for professional installation only. Failure to do so may result in the failure of the TPMS sensor. AUTEL does not assume any liability in case of faulty or incorrect installation of the valves.

CAUTION

AUTEL guarantees that the sensor is free from material and manufacturing defects for a period of twenty-four (24) months or 24,000 miles, whichever comes first. AUTEL will at its discretion replace any merchandise during the warranty period. The warranty shall be void if any of the following occurs:

1. Improper installation of products
2. Improper usage
3. Induction of defect by other products
4. Mishandling of products
5. Incorrect application
6. Damage due to collision or tire failure
7. Damage due to racing or competition
8. Exceeding specific limits of the product

CUSTOMER & TECH SUPPORT

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PROGRAMMABLE UNIVERSAL TPMS SENSOR

Angle Adjustable 1-Sensor Metal Valve (Screw-in)

- Autel MX-Sensors arrive blank and must be programmed with Autel TPMS tool, which is recommended to program prior to installation.
- Do not race with the vehicle on which the Clamp-in MX-Sensor is mounted, and always keep the drive speed under 240km/h.

INSTALLATION GUIDE

IMPORTANT: Before operating or maintaining this unit, please read these instructions carefully and pay extra attention to the safety warnings and precautions. Use this unit correctly and with care. Failure to do so may cause damage and/or personal injury and will void the warranty.

1. Loosening the tire

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

CAUTION: The bead loosener must be facing the valve.

2. Dismounting the tire

Clamp the tire onto the tire changer, and adjust the valve at 1 o’clock relative to the tire separation head. Insert the tire tool and lift the tire bead onto the mounting head to dismount the bead.

CAUTION: This starting position must be observed during the whole dismounting process.

3. Dismounting the sensor

Remove the screw nut from the valve stem, and then remove the sensor assembly from the rim.

4. Mounting the sensor and valve

Step1. Connect the sensor body and valve stem at a suitable angle/normally use the maximum angle of 30° and tighten the screw.

Step2. Remove the screw nut from the valve stem.

Step3. Slide the valve stem through the valve hole of the rim with the sensor on the inside of the rim.

Step4. Assemble the screw nut back on the valve stem with 4.0 Nm power, then tighten the cap.

CAUTION: 30° is suitable for most rims. If the angle does not match the rim while installing in step 3, please loosen the screw then re-operate from step 1.

5. Mounting the tire

Place the tire on the rim, make sure that the valve faces the separation head at an angle of 180°. Mount the tire over the rim.

CAUTION: The tire should be mounted to the wheel using tire changer manufacturer’s instructions.
SAFETY INSTRUCTIONS
Before installing the sensor, read the installation and safety instructions carefully. For reasons of safety and for optimal operation, we recommend that any maintenance and repair work be carried out by trained experts only, in accordance with the guidelines of the vehicle manufacturer. The valves are safety-relevant parts which are intended for professional installation only. Failure to do so may result in the failure of the TPMS sensor. AUTEL does not assume any liability in case of faulty or incorrect installation of the product.

CAUTION:
• The TPMS sensor assemblies are replacement or maintenance parts for vehicles with factory installed TPMS.
• Make sure to program the sensors by AUTEL sensor programming tools by the specific vehicle make, model and year before installation.
• Do not install programmed TPMS sensors in damaged wheels.
• Upon completing the installation, test the vehicle’s TPMS following the procedures described in the original manufacturer’s user guide to confirm proper installation.

Installing the tire:
Step 1. Connect the sensor body and valve stem at a suitable angle (normally use the maximum angle of 30°) and tighten the screw.
Step 2. Line the sensor up with the rim hole and attach a standard tire valve extractor to the valve.
Step 3. Pull the valve stem straight through the valve hole, then assemble the cap back. Note the rubber bulb of the valve resting against the rim.
Step 4. Mounting sensor and valve
Step 5. Pull the valve stem straight through the valve hole, then assemble the cap back. Note the rubber bulb of the valve resting against the rim.

Dismounting the tire
Clamp the tire onto the tire changer, and adjust the valve at 1 o’clock relative to the tire separation head. Insert the tire tool and lift the tire bead onto the mounting head to dismount the bead.

Dismounting the sensor
Depress the Press button on the sensor body, carefully pull the sensor body straight back off the valve. Cut the rubber bulb and attach a standard tire valve extractor to the valve. Remove the valve from the rim by pulling through the rim.

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Step 2
Step 3

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Warranty
AUTEL guarantees that the sensor is free from material and manufacturing defects for a period of twenty-four (24) months or for 24,000 miles, whichever comes first. AUTEL will at its discretion replace any merchandise during the warranty period. The warranty shall be void if any of the following occurs:
1. Improper installation of products
2. Improper usage
3. Induction of defect by other products
4. Mishandling of products
5. Incorrect application
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Exploded View of Sensor
Technical data of the sensor
Weight of sensor without valve 11 g
Dimensions approx. 42.4×24.1×16.0 mm
Max. pressure range 800 kPa

CAUTION: Each time a tire is serviced or dismounted, or if the sensor is removed or replaced, it is mandatory to replace the rubber valve stem and plastic cap with our parts to ensure proper sealing. Please ensure the operating temperature is less than 100°C (212°F).

Installation Guide
IMPORTANT: Before operating or maintaining this unit, please read these instructions carefully and pay extra attention to the safety warnings and precautions. Use this unit correctly and with care. Failure to do so may cause damage and/or personal injury and will void the warranty.

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

CAUTION: The bead loosen must be facing the valve.

Mounting the tire
Place the tire on the rim, make sure that the valve faces the separation head at an angle of 180°. Mount the tire over the rim.

CAUTION: The tire should be mounted to the wheel using tire changer manufacturer’s instructions.

Exploded View of Sensor

Technical data of the sensor
Weight of sensor without valve 11 g
Dimensions approx. 42.4×24.1×16.0 mm
Max. pressure range 800 kPa

CAUTION: 30° is suitable for most rims. If the angle does not match the rim after installation, please loosen the screw and adjust the angle by moving the sensor body.

Step 2
Step 3

Mounting sensor and valve
Step 1. Connect the sensor body and valve stem at a suitable angle (normally use the maximum angle of 30°) and tighten the screw.
Step 2. Line the sensor up with the rim hole and attach a standard tire valve extractor to the end of the valve.
Step 3. Pull the valve stem straight through the valve hole, then assemble the cap back. Note the rubber bulb of the valve resting against the rim.

CAUTION: The valve and rim hole should be concentric.