User Guide of Cub Orb TPMS Sensor

Caution

1. The TPMS Sensor is designed to be used in commercial truck and bus, over 3.5 tons, with tubeless tires or trailer/Class A or C motorhome.
2. The sensor is NOT intended to be used where vehicle speed exceeds 120 km/h (75 mph)

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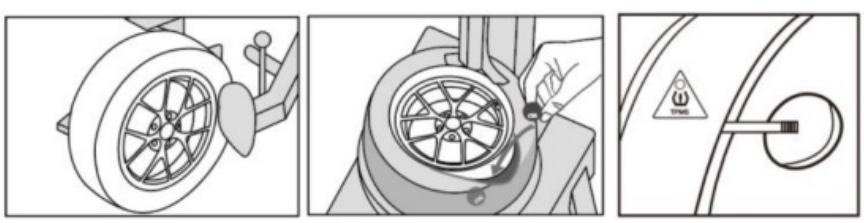
Installation



1. Dismount the tire from the rim. If applicable, take out any existing TPMS sensors
2. 2.1 TPM101/B121-055 series (433MHz) Orb TPMS sensor

   Before throwing the ball sensor into the tire, take note of the sensor ID (printed on sensor surface) and perform the manual ID relearning (sensor ID pairing) to the receiver, which is done by keying-in the sensor ID. Alternatively, after throwing the sensor into the tire, use the tire deflation method or trigger the sensor with a specific Cub tool to relearn.

   2.2 TPM204/B121-057 series (2.4 GHz) Orb TPMS sensor

   Make sure the Retrofit Receiver already learned the ball sensor ID. Please refer to the receiver user manual to know the learning procedure. If the procedure needs the wheel position Number, please use the Cub Truck tool to program the correct wheel position ID to the sensor (keep any other sensors at least 5 meters away from the tool), then throw it into the corresponding tire.

   Please check the user manual of the product kit to know the relationship between wheel ID and tire location for different types of vehicles.
3. Clean the surface of the wheel near the valve stem with an isopropyl alcohol and allow it to dry completely. Write the wheel position ID with a paint marker pen on the TPMS sticker label included with the ball sensor. Adhere the sticker to the clean surface near the valve stem. This will serve as an indicator that a sensor is present in the wheel and of the wheel position ID.

Warranty

CUB warrants that the TPMS sensor shall be free from defects in workmanship and material during warranty period. CUB does not assume any liability in case of faulty, incorrect installation of the product, or by using other products causing TPMS sensor malfunction on the part of customer or user. And the agent or importer or seller will fully handle the problem of local sales and maintenance.

https://www.cubelec.com/

TPM101/B121-055 series (433MHz) own FCC/IC/CE certification
TPM204/B121-057 series (2.4 GHz) own FCC/IC/CE/NCC certification.

FCC Statement 2025.2.27

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 nterference receved, including interference that may cause undesred operation.
NOTE: This equipment has been tested and found to comply with the lmits for a Class B digital device, pursuant to part 15 of the FCC Rules.
These mits are designed to provide reasonabe protection against harmful interference in a residential installaton.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the i nstructions, may cause harmful interference to radio communications. However, there is no guarantee that nterference wi not occur in a particular installation.
If this equipment does cause harmful interference to radio or televsion reception, which can be determined by turning the eq uipment off and on, the user s 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 hep.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.
This device has been evaluated to meet genera FCC RF exposure requirement. The device can be used in portable exposure condi tion without restriction.
This equipment compes with FCC radiation exposure limts set forth for an uncontrolled environment. This equipment should b e installed and operated with a minimum distance

of 20 cm between the radiator and a human body.

IC Statement 2025.2.27

Ths device contains licence -exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada’s licence-exempt RSS(s). Operation s 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 undesred operation of the device.

Ths device has been evaluated to meet general ISED RF exposure requirement. The devce can be used in portable exposure condition without restriction.

Ths equipment complies with ISED radiation exposure limits set forth for an uncontroled envronment. This equipment should be instaled and operated with a minimum distance of 20 cm between the radiator and a human body.

CE CE Compliance Notice

All CE marked UNI-SENSOR EVO product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Documents / Resources

	CUB TPM204 Orb TPMS Sensor [pdf] User Guide ZPNTPM204, ZPNTPM204, TPM204 Orb TPMS Sensor, TPM204, Orb TP MS Sensor, TPMS Sensor, Sensor

References

- User Manual

Cub, Orb TPMS Sensor, Sensor, TPM204, TPM204 Orb TPMS Sensor, TPMS Sensor, ZPNTPM204

Cub

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