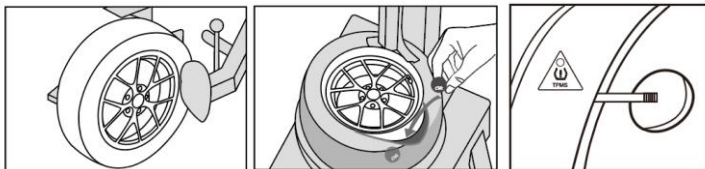


# User Guide of Cub Orb TPMS Sensor

## 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)

## 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.



# User Guide of Cub Orb TPMS Sensor

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 interference received, including interference that may cause undesired operation.

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.

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 general FCC RF exposure requirement. The device can be used in portable exposure condition without restriction.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

## IC Statement 2025.2.27

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is 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 undesired operation of the device.

L'émetteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) L'appareil ne doit pas produire de brouillage;

(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

Cet appareil a été évalué pour répondre à l'exposition générale aux RF ICSED exigence. L'appareil peut être utilisé dans des conditions d'exposition portables sans restriction.

This equipment complies with ICSED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

Cet équipement est conforme aux limites d'exposition aux rayonnements ICSED établies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et un corps humain.

## 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.



## NCC:

「取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。」