



# Oro Technology Co., Ltd.

## AI Sensor



### Tire Pressure Monitor System (TPMS) Sensor Assemblies

#### 無線胎壓監測器

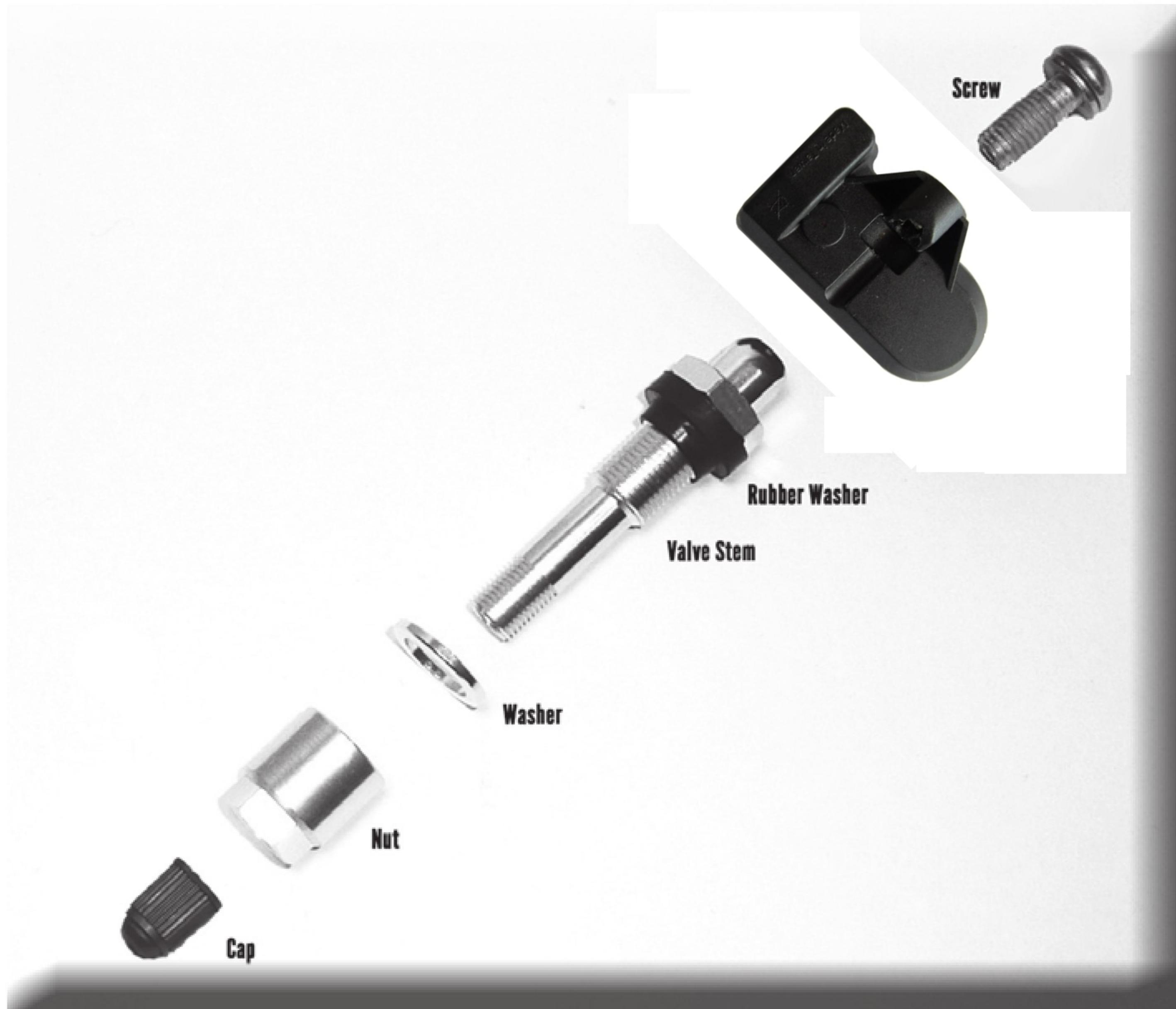
Read all instructions before installing. Refer to Mitchell Manual for installation specifications. Professional installation only. These Tire Pressure Monitor System Sensor assemblies are replacement or maintenance parts for motor vehicles that have a factory installed Tire Pressure Monitoring System (TPMS).

#### **CAUTION:**

Each TPMS sensor is designed and manufactured to operate in a specific motor vehicle year, make, and model, using the proper frequencies to communicate with the motor vehicle TPMS system. Only install TPMS sensors designated for your specific motor vehicle year, make, and model. Improper installation will cause the motor vehicle TPMS to fail to operate properly.

Do not install sensors in damaged wheels. Upon completion of installation, test the TPMS system using the procedures described in Mitchell 1 Manual to confirm proper installation. If the TPMS system fails to operate properly, check all installation procedures to ensure proper installation and retest. If the TPMS system continues to fail to operate, immediately consult with an authorized motor vehicle dealership.

If the OEM equipment wheels or tires are not used, it is the responsibility of the vehicle owner to ensure that the TPMS system is functioning properly. The vehicle owner expressly assumes sole and complete responsibility for the TPMS and vehicle function if the OEM equipment wheels and tires are not used. Failure to ensure that the TPMS system is functioning properly can result in severe injury or death.



If the sensor is removed or replaced, it is MANDATORY to replace the screw and rubber washer to ensure proper sealing.

See assembly instructions on reverse side

**Safe Driving With ORO TPMS**



Install valve stem into the valve hole of the wheel



Put on washer



Install hexagonal nut into valve stem. Tighten the nut



Use wrench to hold valve stem and keep vertical while



Install sensor. Adjust the sensor to fit the drop well of the wheel. Use wrench to keep stem vertical then tighten. Tighten the screw until 2.2Nm  
(Recommended Final Torque Setting)



Finished

Transmitter Module Specification	
Power Supply	3V Lithium battery
Operating Humidity	Max 95%
Storage Temperature	-40 °C to 125 °C
Operation Temperature	-30 °C to 115 °C
Transmitting Power	MAX 5dBm
Transmitting Frequency	315MHz or 433.92MHz
Pressure Monitoring Range	0 ~ 116 psi (or 0~800 kPa or 0~8 bar)
Pressure Reading Accuracy	±1 psi (or ±7 kPa ; ±0.1 bar)
Temperature Monitoring Range	-30 °C to 115 °C
Temperature Reading Accuracy	±3 °C
Module Weight	13.3g ± 1g

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.

**NCC警語 - 低功率射頻電機：**

「依據低功率電波輻射性電機管理辦法」

第十二條 經型式認證合格之低功率射頻電機，非經許可，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。

第十四條 低功率射頻電機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。

前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機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。」