Oro Technology Co., LTD

Tire Pressure Monitoring System

W408

User Manual

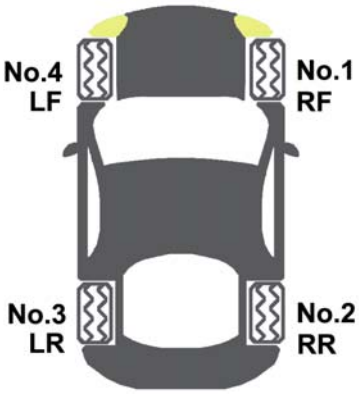
W408 TPMS Specification

1. Tire Sensor's Specification	
Battery life	5~7 years normally use.
Battery Voltage	3.6 V
Operating Humidity	Max 95%
Storage Temperature	-40℃ to 125 ℃
Operation Temperature	-30 ℃ to 115 ℃
Operation Frequency	314.6MHz
Transmission Frequency	Transmit 1 signal each 30 sec.
Pressure Monitoring Range	0 ~ 350 kPa (or 0~51 psi ; 0~3.5 bar)
Pressure Reading Accuracy	±7 kPa
Temperature Monitoring Range	-30 ℃ to 115 ℃
Temperature Reading Accuracy	±3℃
Module weight	31.6 g ± 1 g

2. Receiver Specification	
Operation Voltage	9V ~ 16V
Operating Humidity	Max 95%
Normal Operation Voltage	≦200mA
Storage Temperature Range	-40℃ to 90 ℃
Operation Temperature Range	-30℃ to 85 ℃
Tire Pressure Reading Range	0 ~ 350 kPa
Temperature Reading Range	-30 ℃ to 115 ℃

W408 TPMS INSTALLATION

1. Tire Sensor Installation:

Step	Operation Process	Photographs
a	Take off the 4 tires and mark 1~4 for each tire position. No.4 = Left Front Tire ； No.1 = Right Front Tire。 No.3 = Left Rear Tire ； No.2 = Right Rear Tire。 	 

b	Take off the tire and bleed the air, then. to change to the ORO-Technology TPMS valve, follow the steps: 1. Snap in the valve from the internal edge side of the wheel.	
	2. Adjust the valve's angle, and make sure the valve is vertical to the edge of the wheel.	
	3. Put on the circle screw (washer)from the outside of the wheel.	
b	4. Tighten the valve with the nylok screw from the outside of the wheel.	
	5. Use the alan key provided to tighten.	

c	Put the marked No. 1 tire sensor to the tire which is marked No. 1. as step a. photo and follow steps: 1. Install the tire sensor to the valve. 2. Use the nylok screw and tighten up with the tire sensor. (Pls. use the screwdriver which is included to the accessories bag) 3. Adjust the tire sensor's angle (paste on the surface of the wheel), then tight up the with the nylok screw. 4. Put on the valve's cap, and finish the installation. When there is a need to re-install the tire sensor, please use the new nylok screw in order to prevent the usage of the old ones.	 
d	Place the No. 2 tire sensor to the tire which is marked No.2, and set up the other 2 sensors in the same manner as shown in the step C.	
e	Make sure there is no other liquid or dust present around the area of the tire sensor.	
f	After installation, inflate the tire to the appropriate air pressure as suggested in each vehicle's user manual.	
g	Balance the tires with the tire balance machine。	

h	Place the tires back to it's corresponding position as shown in the photograph on step a.	

Once TPMS is installed correctly, turn on the ignition to start monitoring the tire pressure/temperature and voltage.