

Installation and Operating Instructions

For

Tire Pressure Monitoring System

Model No. : TX008

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1. System Introduction

1.1 TX008 is a wireless tire pressure monitoring system with sensors and transmitters mounted in each tire. Highly accurate sensors collect tire pressure and temperature data which is transmitted to a Digital Display Receiver.

1.2 The System monitors the tire data with a LCD display which informs the driver of the condition of the tires while driving. The Digital Receiver will immediately alert with a beeping sound, a bright yellow LED and the backlight of the LCD when tire pressure and/or temperature are outside of factory-preset critical limits. The wireless tire pressure monitoring system will alert the driver to the unsafe tire or temperature condition and thereby reduce the possibility of an accident.

2. Safety Features

2.1 The System is designed to measure and display active data, i.e. pressure and temperature, in tires, and provides a warning when the System detects tire pressure and/or temperature is above or below preset critical limits. It is the driver's responsibility to react to a warning. Abnormal tire pressure and temperature must be checked and brought back to within the preset safe limits to avoid dangerous driving conditions.

2.2 This product must be properly installed and programmed by qualified personnel according to this User Manual.

3. Applicable Vehicles

This system is suitable for use on trucks, buses, and trailers.


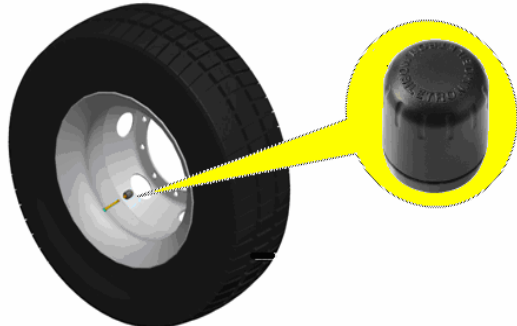

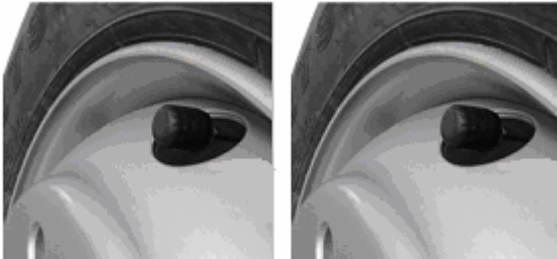
4. Installation Tools Required

- Tire Balancing Equipment.
- Torque Wrench.

5. Mounting the Tire with Transmitter on Wheel Valve

Please follow the installation steps below. Once the installation completed, please rebalance the tire again.

The fixed torque for spinning the transmitter suggested to set at 9~10 Kgf.cm

<p>(1) Start to install transmitter onto the tire</p>	<p>(2) Spin the transmitter onto the inner tire valve</p> <p>Note: The fixed torque suggested to be set at 9~10 Kgf.cm. Transmitter for better tire rebalancing</p>
	
<p>(3) One-wheel installation is completed.</p>	<p>(4) Repeat the steps (1)~(3) until all wheels installation completed.</p>
	

6. Transmitter Technical Specifications

6.1 Operation Condition

Description	Value	Accuracy	Units
Pressure Range	0 ~ 180	+/- 5	PSI
Rated Pressure	240	-	PSI
Operating Temperature	-40 ~ +85	+/- 3	
	-40 ~ +185	+/- 5	
Operating Humidity	0 ~ 100	-	%

6.2 Radio Frequency Transmitter

Description	Value	Units
Central Frequency	433.92	MHz

6.3 General Specification

Description	Value	Units
Weight	21.5	Gram

6.4 Power

Description	Value	Units
Power Source	3.6	Vdc
Battery Life	4 years or Over 500,000 km	Year or km

1. The 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.

2. FCC RF Radiation Exposure Statement: The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

3. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

4. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.