

## INSTALLATION

## INSTRUCTIONS



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



### **WARNING**

**Read all instructions and warnings before installation. Refer to Mitchell Manual for installation specifications (excluding Ford Banded Sensors). 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 system to fail to operate properly.

Do not install sensors in damaged wheels. Upon completion of installation, test the motor vehicle TPMS system using procedures described in Mitchell1 Manual (excluding Ford Banded Sensors) 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.

It is MANDATORY to replace the sensor if it is externally damaged.



**WARNING FAILURE TO FOLLOW INSTRUCTIONS OR THE USE OF IMPROPER  
TPMS SENSORS MAY RESULT IN THE MOTOR VEHICLE TPMS FAILURE  
CAUSING PROPERTY DAMAGE PERSONAL INJURY OR DEATH.**

WARNING

iM-2B1 Sensor Specification

Sensor's Specification	
Battery life	5 years normally use
Battery Voltage	3.0 V
Storage Temperature	-50 °C to 150 °C
Operation Temperature	-40 °C to 125 °C
Operation Frequency	315MHz/433MHz
Transmission Frequency	Transmit 1 signal each 60 sec.
Pressure Monitoring Range	0 ~ 800 kPa
Pressure Reading Accuracy	±10kPa
Temperature Monitoring Range	-50 °C to 125 °C
Temperature Reading Accuracy	±4°C
Antenna Specification	Loop Antenna

**Notice :** The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**IMPORTANT NOTE:**

To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

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.