



Includes

- Data display
- Tire position indicator
- Warning indicator
- Set button

Display

- Sensor X4

Manual

About the TPMS sensor

According below steps to adjust the angle of TPMS sensor to fit the wheel hub.

Loose the screw

Adjust the angle of TPMS sensor to fit the wheel hub.

Display installation

- 1 Remove the cigarette lighter or cover
- 2 Plug in the display (Do not press SET button)
- 3 ACC ON
- 4 Display turns on

Sensor installation

- 1 Remove the original valve from vehicle
- 2 Install the sensor (the installation position indicates on the sensor)
- 3 Inflate the tire
- 4 Screw the nut and valve cap
- 5 Perform a dynamic balance testing
- 6 Adjusting and counterweight by putting the weight bar

Functional test after installation

- 1 Display will show real time tire data automatically when the speed is over 20km/h (14.5MPH)
- 2 Installation is done once 4 tire data received and scrolls circularly in clockwise direction

Different Scenarios

Normal

4 tire data scrolls circularly in clockwise direction

Air leakage

Fast leak : Bi-Bi-
Slow leak : Bi-Bi-

High pressure

Bi-Bi-Bi-

High temperature

Bi-Bi-

Low battery

Bi-Bi-

Sensor failure

Bi-

Sensor programming (reminder: all sensors pre-set in factory)

- 1 Press and hold "SET" button for 10 seconds, the display beeps once and enters program mode
- 2 Press "SET" button to select the correct tire 01 - 04
- 3 Deflated the corresponding tire
- 4 Tire pressure will show on the data display and tire position indicator will stop flashing
- 5 Press "SET" button once to program the next sensor
- 6 Press and hold "SET" button for 10 seconds, it will have twice beep sounds for save and exit the program mode

Specifications

Sensor:

- Operating frequency: 433.92MHz ± 0.05
- Operating voltage: 2.0-3.8V
- Operating current: <18mA
- Static current: <1μA
- Operating temp: -40°C~+125°C/ -40°F~+257°F
- Pressure range: 0-8Bar/0-116PSI
- High Pressure value: 3.3Bar/47PSI
- Low Pressure value: 1.7Bar/25PSI
- High Temp value: 80°C/176°F

Display:

- Operating frequency: 433.92MHz
- Operating voltage: 12±3V
- Operating temperature: -40°C~+85°C/ -40°F~+185°F
- Precision: ±1°C/±2°F
- Temp: ±0.1Bar/±1.5PSI
- ※Maximum display tire pressure is 99 PSI

Air pressure unit:

1 Bar = 14.5 PSI = 100K Pa = 1.02 Kg/cm²

Troubleshooting

1. After the installation, there is no tire data on the display.
 - The sensors didn't be programmed to the display. Please reprogram the sensors.
 - The display should show the real time tire data automatically when the speed is over 20km/h.
 - Please make sure the display connected to ACC properly.
2. There is no tire data for one of tires on the display.
 - That sensor didn't be programmed to the display. Please reprogram it.
 - There is a problem with the sensor.

Note:

1. TPMS (Tire Pressure Monitoring System) is designed for monitoring tire irregularities. Driver has responsibility to maintain tires regularly
2. Driver should react promptly once warning from this unit alerted
3. Steelmate does not guarantee or assumes liability for the loss of sensors
4. All sensors in this unit have been pre-set individually for each tire in the factory
5. Whenever the location of tire changed, the sensors must be changed to the corresponding tire
6. The display will turn off after the car flame out even the cigarette lighter is kept powering.
7. The approval marking, which should be kept permanently, will not affect its installation and functions.

FCC warning statement

1. 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.
2. 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.
3. However, there is no guarantee that interference will not occur in a particular installation.
4. 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.