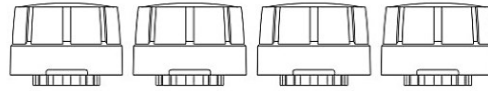
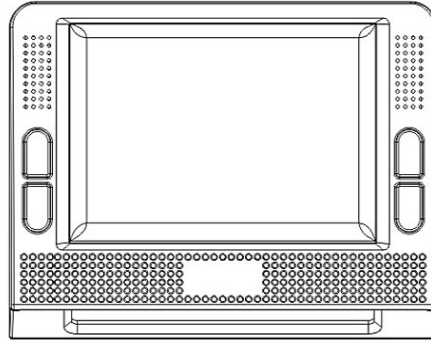


# KTD-800

## Tire Pressure Monitoring System



**Instruction manual by Car**

**TPMS** 



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## 1 . Production introduction

### 1-1. Product FEATURE

Thanks for choosing our TPMS products. The system is used to monitor the pressure and temperature data of each tire .After the alarming condition is set up by the user, the system will alarm in case of abnormal pressure and temperature to make the driver be alerted of danger driving. The system also enhance fuel efficient, prolong tire life and to make the driving more comfortable.

Be sure to read the user guide carefully before installation and keep the manual for future use.

### 1-2.CAUTION

It is highly recommended to read the instructions below before install the system:

1. The monitor should be installed inside the vehicle where it does not affect normal driving.
2. The monitor should be well fixed to avoid falling off during driving.
3. The tires' temperature and pressure will increase while driving. The vehicle should be stopped for cooling if there is high temperature alarm and avoid braking problem or tire blowout.
4. Driver should stop the vehicle and get off to check the tire if there is continue high pressure or slow leakage alarm.
5. When the pressure is too high, it should pay attention to drive carefully to prevent puncture; when tire pressure is too low, pay attention to fuel consumption and balance
6. The system can effectively monitor tire pressure and temperature but cannot to avoid traffic accident after tire prevent puncture. Using quality tire product and correct tire, Pressure monitoring is still necessary.
7. Be ware of driving safety while checking tire data on the way of driving.
8. After the system is installed correctly, the driver does not need to stare at the monitor all the time and feel interrupt during driving.

### 1-3.INSTALLATION TIPS

1. Wireless connection between the sensor and the monitor, and the transmission distance is far enough. Designed a number of anti-interference function, which is the possibility of interference is very low.
2. The signal transmission from the monitor and sensor is wireless, and the Transmission of distance is long enough for a passenger car due to internal anti-inference circuit design.

3. In driving the process, since the relationship between the thermal expansion and contraction of air, the tire pressure and temperature changes have high or low, this is a normal phenomenon. There is normal air leakage in every tire rim, TPMS should have no responsibility

4. Usually there will be a normal tire leak of natural phenomena, tire pressure value decreases with time, this is a normal phenomenon, with the installation of this product is no direct relationship.

5. Should you have any question or problem while installation, please contact with your local distributor

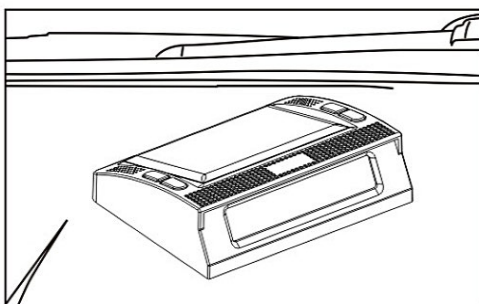
## 2. Monitor Display Feature

- Automatically solar power battery recharger.
- Pressure and temperature alarm.
- Visible and audible alarm.
- Selectable pressure unit(PSI,BAR).
- Selectable temperature unit(°C, °F).
- Configurable high/low pressure and high temperature alarm.
- Tire position swapping.
- Automatic awake feature.
- Built in rechargeable lithium battery.
- Monitor up to 4 tires.
- Display temperature or pressure simultaneously.
- Fast leakage alert.
- High stability and easy to install.

## 3.INSTALLATION TIPS

### 3-1

Monitors should be installed in appropriate place using the dash pad or the magic tap. Recharge the monitor by the DC-DC power adaptor for the first time and allow continue recharge by solar power after the first full DC recharge.

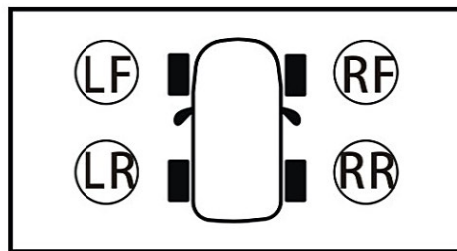


**Tips:**

1. The place for the displayer shouldn't affect the sight of driving.
2. Displays should ensure reinforced in order to avoid falling in driving the process.
3. Vehicles in the process, when you view the display pressure and temperature values, please pay attention to traffic safety.
4. This product will automatically detect and tires alarm, driver's attention without constant attention to avoid distractions while driving.

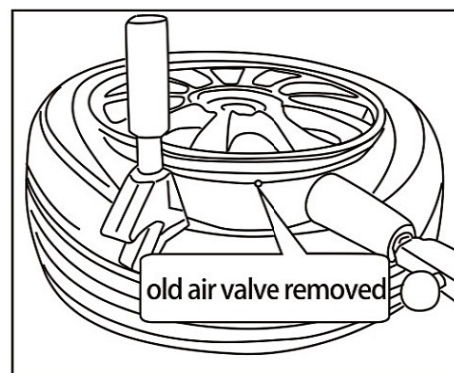
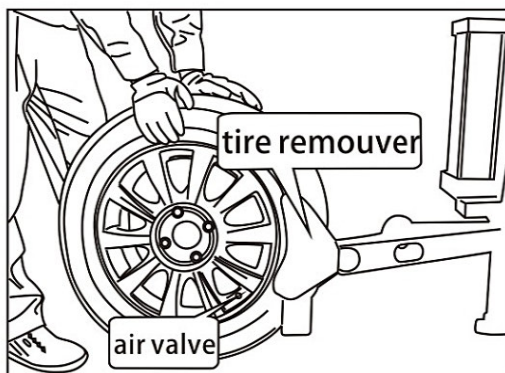
## 3-2.SI Sensors Installation Instructions

The factory has already set up the codes to each tire position , The standards are 4 sensors with one monitor , and every sensors marked tire's position with :LF ,LR,RF,RR .If there is spare tire in customers' car ,so it's needed to mark position with stickers. Please stick the correct tire position for easier future reference.



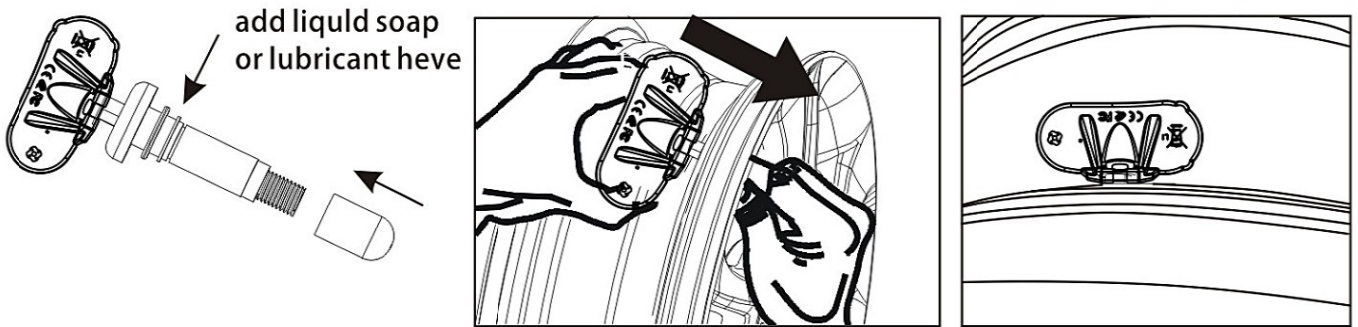
**Tips:** Before installation of sensor, please be sure to turn on the monitor in order to capture the data timely.

- (1) Unload the tire from the vehicle. Deflate and take the rubber tire out of the rim.
- (2) Take out the valve on the rim and replace the valve with the sensor.

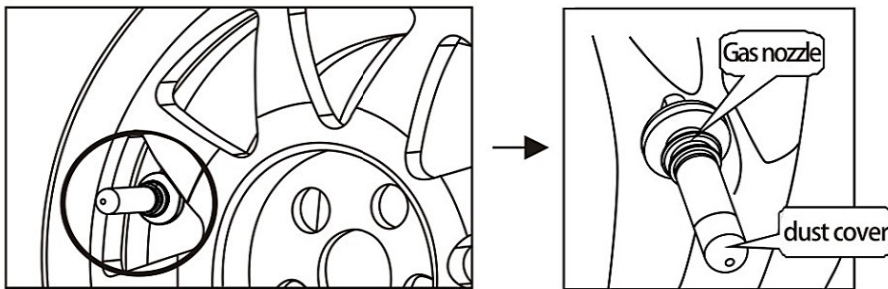


**Tips:** During Rubber tire removal, please to avoid operation at 15cm circular space above the top of sensor and be ware of broken the sensor accidentally.

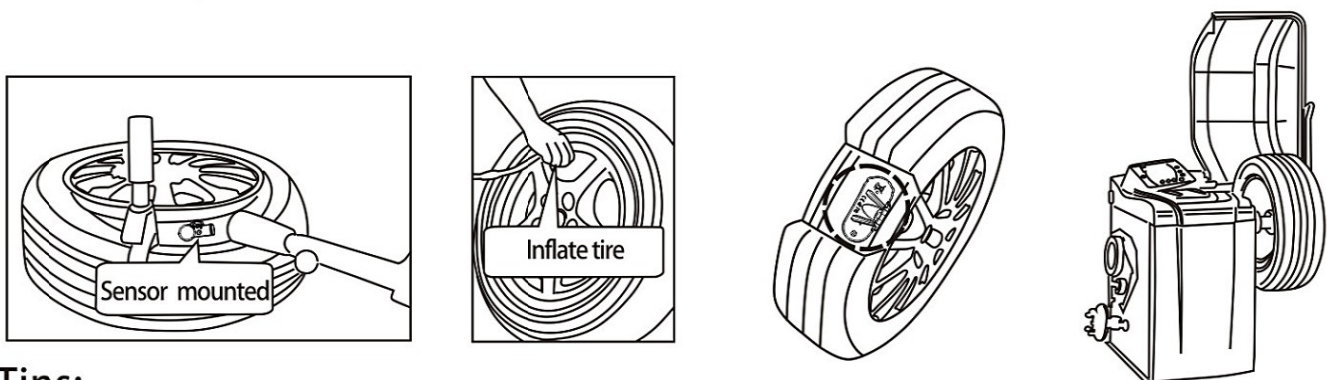
(3) Install the dust cap to the sensor valve, apply some liquid soap or lubricant to the valve, then take the dust cap as the front part to install the sensor into the rim, when the sensor valve is tightly installed in the rim and could not be moved, the sensor installation is done.



Sensor position after installation:



(4) Install the rubber tire onto the tire rim, be sure not to damage the sensor. Inflate the tire and do the balancing. (Check if there is leakage of the tire) Install the dust cap onto the sensor, install the tire back to the vehicle.



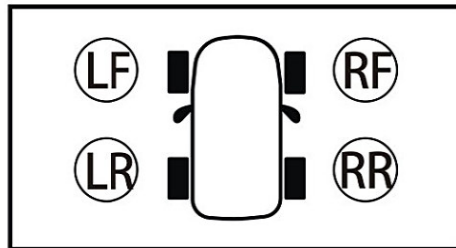
Tips:

1. These sensor installation above should be carried on by professional person.
2. Be sure not to damage the sensor while unload or install the tire.
3. Each sensor has been marked with different number, please install the sensors to the right position.
4. There will be low battery alert while the sensor battery voltage is low.
5. Soap bubbles should be used to check the tire valve if there is leakage after sensor installation.

## 3 – 3 . SS Sensors Installation Instructions

The factory has already set up the codes to each tire position , The standards are 4 sensors with one monitor , and every sensors marked tire' s position with:LF , LR,RF,RR .If there is spare tire in customers' car ,so it' s needed to mark position with stickers. Please stick the correct tire position for easier future reference.

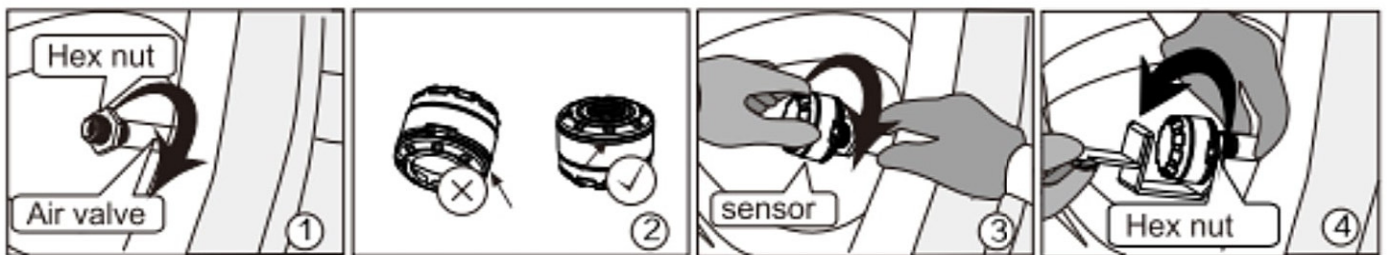
### Default Mounting Position.



Tips: Please mount sensors based on factory default position. If there are error coding or wrong tire position, please read " recode sensor session' " before restart.

### Default Mounting Position.

Tips: please ensure to turn on the monitor firstly before install the sensor so that the monitor can receive the sensor data on time.



Fix the hexagon nuts in tire calve

check if flocking cover is in place

Fasten sensor to the tire air calve

Use special wrench to tight hexagonal nuts in counter clockwise direction

Tips:

1. Please mount the sensor in position according to label mark.
2. Low voltage alarm will appear when sensor battery voltage is low.
3. After mounting all sensor , please double check if there is air leakage by using soapy water in air intake.