

KRF-688

WIRELESS TIRE PRESSURE MONITORING SYSTEM

MANUAL

Wireless Tire Pressure Monitoring System

KRF-688 2-WAY Wireless Tire Pressure Monitoring System can ensure your safety driving. The system will automatic check your tires pressure and temperature any time and monitor them on during driving. It warns the driver in case of over or under-inflation, pressure leakage and excessive tire temperature through indication on LCD display via the digitals, the backlight colors(3 colors)and the audible alarm immediately while stationary and during driving.

The list of accessories for KRF-688 WTPMS

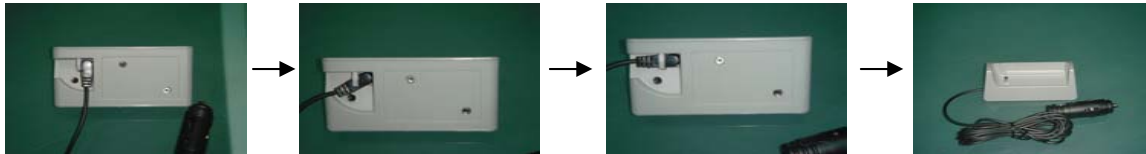
NO	Name of unit	Q'ty
A	Main Display unit	1
B	Holder of Display	1
C	Power adaptor	1
D	BATTERY AAA*2	2
E	Tire pressure and temperature sensor	4
F	Manual	1



System Installation

- Main display unit installation :

Step 1: The power adaptor wire install to Holder of Display.



Step 2: Pastes on the Holder of Display the 3M double coated foam tape, puts in front the driver seat to be easy to see also does not affect the driving view.

Step 3: After install the battery then showed all figure on the display. Backlight still light 5 sec. Then stand-by.

Step 4: The display show “**Y**” ,  ,  and  when the system is Stand-by.



Step 5: Setting up the Main display unit in the holder . Connect to the power plug.





- Tire pressure and temperature sensor installation:

Step 1: Take off the tires and bleed the air.

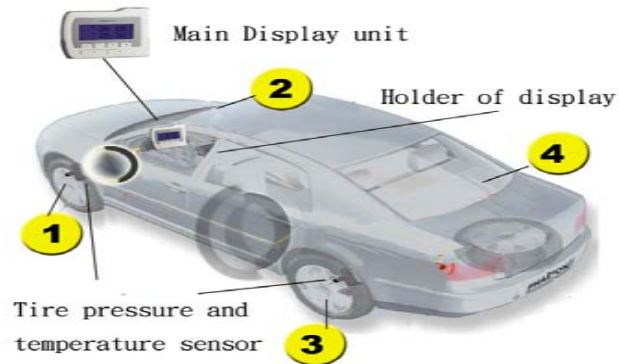
Step 2: Recognize the number on each sensor with position of tire on the vehicle.

① = Left Front No.1

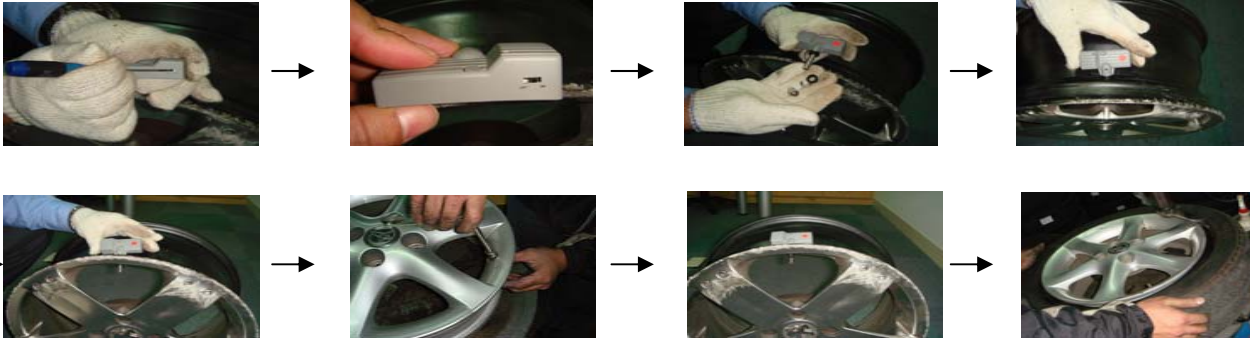
② = Right Front No.2

③ = Left Rear No.3

④ = Right Rear No.4



Step 3: Switch to ON and installation the sensor to the rim(see installation diagram)



Step 4: Set up back the tires on the wheel and load with the completed tires in the vehicle.

Step 5: Set up new stand value of tire .(see [Set Pressure stand value](#))

Turn on the ignition switch of the vehicle until the power is activated on the cigar lighter. The in-car display will be activated.

Suggest : Before you turn off the ignition switch please OFF the main Unit. If not, when you turn on the ignition , the main unit must reset.



The System Operation

- Key Function



ON/OFF



Manual/Function select



Temperature/Pressure Switch



Transmit signal



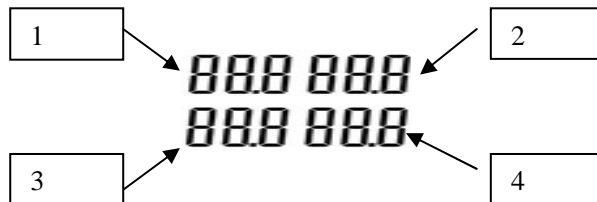
Adjust Pressure values—press the key increase values






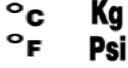






Adjust Pressure values—press the key reduce values

- Display Figure Function

Each tire's value of pressure/temperature



	Transmit/Receive State		Detect tire pressure state
	Battery state		Detect tire temperature state
	Auto tire pressure detect		Temperature/Pressure unit switch
	Program learning/ Replacing tire Program		option
	Unusual tire Pre./Tem. Warning		Unusual tire Pre./Tem. Alarm


System Alarm


- When the system detects any unusual pressure from tires is lower 15% of Pressure stand value . It's warn state ,the display unit will turn yellow color backlight and beep sound . Each five minutes transmit signal warning.
- When the system detects any unusual pressure from tires is lower 30% of Pressure stand value . It's alarm state ,the display unit will turn red color backlight and beep sound . Each one minutes transmit signal alarm.
- When the system detects any temperature from tires is 75°C . It's warn state ,the display unit will turn yellow color backlight and beep sound . Each five minutes transmit signal warning.
- When the system detects any temperature from tires is 85°C . It's alarm state ,the display unit will turn red color backlight and beep sound . Each one minutes transmit signal alarm.





System Operation

- Power ON/OFF :


Press button  to turn ON/OFF the main unit.

Turn ON - Press button , hear the sound and backlight light 5 sec.


Turn OFF - Press button  over 2 sec. And release when hear beep 2 sound and backlight light 3 sec.

The display show “” ,  ,  and  when the system is Stand-by.

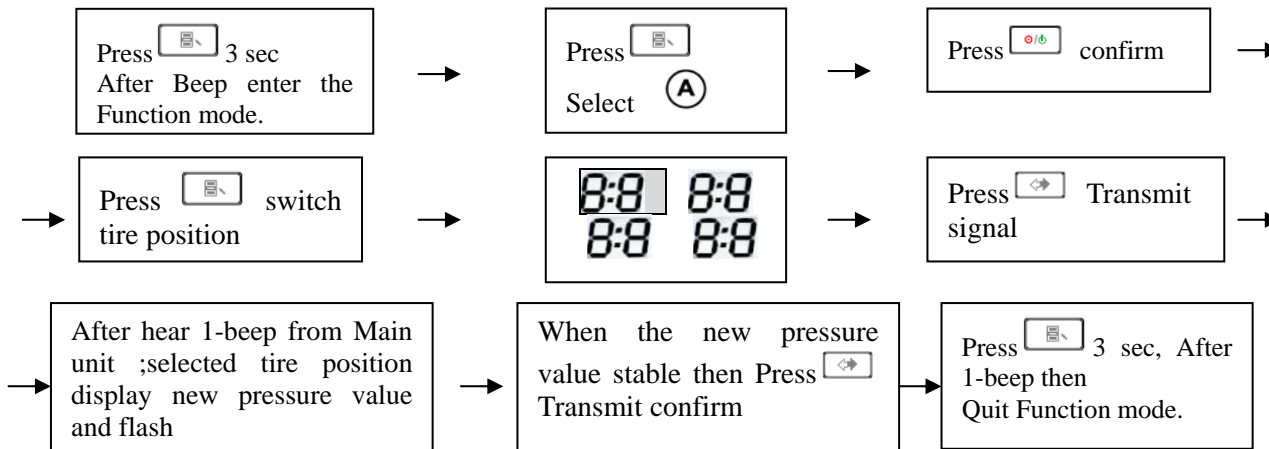
- Temperature/Pressure Switch :

Press button  to change Temperature/Pressure values. Main unit beep 1 sound and display 4-values. Then disappear after 5 sec.

- Pre-check tire pressure :

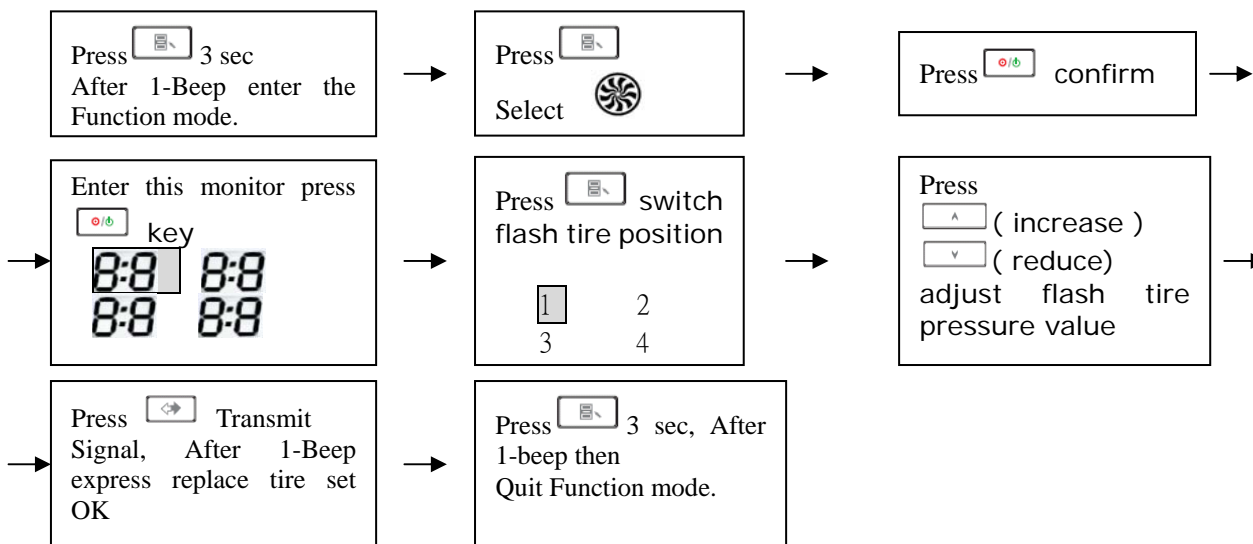
Take off the Main Unit form holder . Near the tire to be away from in the 40~50cm scope Press button  , after hear beep sound , the tire pressure value will be showed the display and after 5 seconds automatically vanishes.

- Set Pressure stand value : (Take the Main Unit from the holder and set-up)



Repeats the above setup for set the other tire

- Tires re-position :



FCC Notice:

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.