Instruction Manual

Wireless•))

Tire Pressure Monitoring System

T8

T5

Monitor Feature

·Automatically solar power battery recharger.
·pressure and temperature alarm.
·Visible and audible alarm.
·Selectable pressure unit(PSI,BAR).
·Selectable pressure unit(℃, ℉).
·Configurable high/low pressure and high temperature alarm.
·Tire position exchange.
·Automatic awake feature.
·Automatic backlighting.
·Built in rechargeable lithium battery.
·Monitor up to 7 tires(including one spare tire).
·Display temperature and pressure simultaneously.
·Fast leakage alert.
·High stability and easy to install.

Remark:The photo only for referance, configure according to the type that you selected
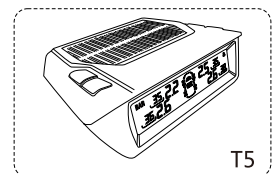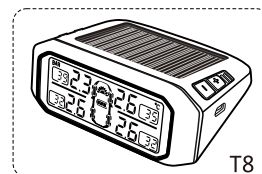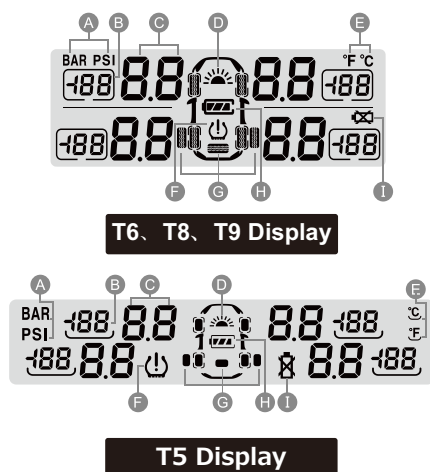Function button using according to the actual machine

Monitor Specification

Working temperature	- 20℃ ~ 80℃
Storage temperature	- 30℃ ~ 85℃
Output voltage/current	DC5V
Frequency	433.92MHZ

Sensor Specification

	sensor	sensor
Working temperature	−20℃~ +80℃	−40℃~ +80℃
Storage temperature	−40℃~ +85℃	−40℃~ +85℃
Pressure range	0~6 bar (0~87 psi)	0~8 bar (0~116 psi)
Pressure accuracy	±1.5 psi (± 0.1 bar)	±1.5 psi (± 0.1 bar)
Temperature accuracy	±3℃	±3℃
Transmission power	<10dBm	<10dBm
Transmission frequency	433.92MHz	433.92MHz
Battery life	≥2 年	≥5 年

T6、T8、T9 Display

T5 Display

A Pressure unit

B The tire temperature numerical display

C The tire pressure numerical display

D Solar charging icon

E Temperature of the unit

F The alarm icon

G Spare tire icon

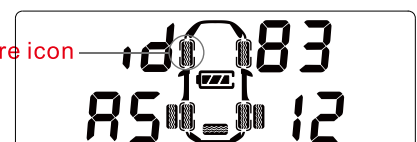H Power display

I Sensor low electric icon

Installation Tips

Monitor should be installed in appropriate place using the sticky padorthe magic tape. Recharge the monitor by theDC-DC power adaptor forfirst time and allow continue recharge by solar power after the firstfull DC recharge

Inflate Code Learnings

in standby mode, press and hold " + "button andreleaseit after the beep sound toenter learning mode ,the tire iconwill flash on the LCD with "Id"Letter showing the beginning letter of the tire ID code. Short press "-"or "+"to scroll tire position needed to re-code.Once ready, then mount the sensor on to the tire valve (for externalsensor),or inflate the tire(for internal sensor),once the sensor sensed the inflator,the sensorwill send its own ID code to the monitor and the monitor willdisplay it'ssensor code after the beep. Repeat above step to re-code others sensor if needed.Press" ⚐ "or " ✿ "until Beep sound to ensure new code completed stored intothe monitor.if press " +" " ⚐ " or "+" "✿" buttons together will not store any new ID and resumeto standby mode.
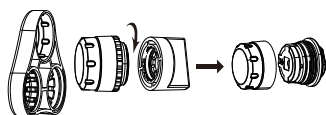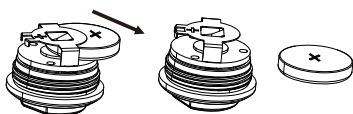
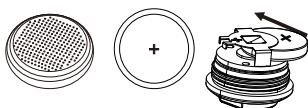

Example tire icon flashing

Left Front Tire ID as 83A512

1. Use fixture provided inside package and open the plastic enclosure in counter clockwise direction

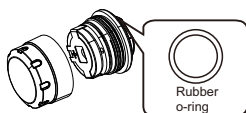2. Remove battery from battery holder

3. Replace new lithium battery ,ensure positive"+"is facing upwards

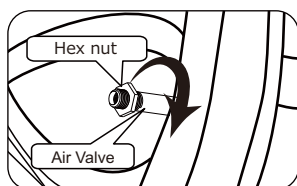4. Remount plastic enclosure using the fixture provided in counter clockwise direction
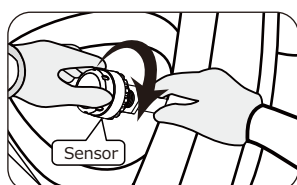
Rubber o-ring

sensor installation

Tips:piease ensure to turn on the monitor firsely before install the sensor so that the monitor can receive the sensor data on time.
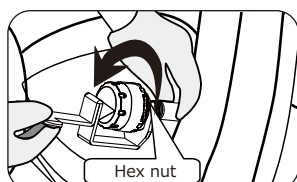
Mount the hex nuts

Hex nut

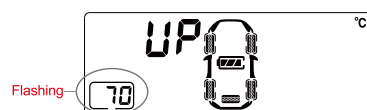Air Valve

Screw in sensor at clock wise direction

Sensor

Tidhten hex nuts in counter clock wise Direction

Hex nut

Parameters Settings

In standby mode,press the " ⚲ " or "⚙" button,releaseafter the 1st beep to enter the 1st set up menu. The corresponding icon on the LCD will flash. Press the " ⚲ " or " ⚙ " button to select the desired setting, press button "+"or "−" to select the data. After the setting is finished , press the " ⚲ " or "⚙" button to save the setting and exit after a beep.

Press the button "+" and " ⚲ " or "+" and "⚙" at the same time to exit without saving the setting. The monitor will return to stand by mode if there is no operation within 1 min in the setting mode.

Setting Sequence

1.Pressure Unit

While the PSI or BAR iconis flashing ,press the button "+"or"-"to select the desired unit.

BAR—Flashing

5.High Temperayure Setting

While the high temperature data and all tire icons Are flashing ,press the button "+"or"-"to set the Desired temperature data .

℃

UP

Flashing—70

To restore the factory default setting:

First turn off the monitor by pressing"⏻" ,then turn on the monitor again until all icons displayed and press the button" ⚲ "or " ⚙ "within 3 seconds,release after a" Bi "sound will light to complete factory reset.

Tire position exchange

During standby mode, long press "−"until "BI" sound to begin, one tire will flash and use " + "or " − " to exchange to a new tire position and confirm by pressing "⚲" or "⚙" button Repeat using "−" to choose another tire and follow by using"+"or "−" button to exchange another new tire and finished by pressing "⚲" or "⚙" buttonagain with a long beep.(During ID interchange mode if no action for one minte, systemwill resume to normal mode operation)

2.Temperature Unit

While the ℃ or ℉ icon isflashing ,press the button "+"or "-" to select thedesired unit.

Flashing—℃

3.High Pressure Setting for Front Tires

While the two front tire icons and the high pressuredata icons are flashing ,press the button"+"or" - "to select the desired pressure data.

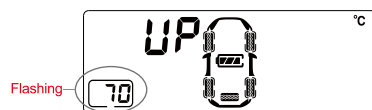BAR · Hi · 3.0 · Flashing · Flashing

4.Low Pressure Setting for Front Tires

While the two fornt tire icons and the low pressure data icons are flashing ,press the button "+"or"-" to select the desired pressure data .

BAR · Lo · 2.0 · Flashing · Flashing

—04—

5.High Temperayure Setting

While the high temperature data and all tire icons Are flashing ,press the button "+"or"-"to set the Desired temperature data .

UP · ℃ · 70 · Flashing

To restore the factory default setting:

First turn off the monitor by pressing"⏻" ,then turn on the monitor again until all icons displayed and press the button"⛏"or "⚙ "within 3 seconds,release after a" Bi "sound will light to complete factory reset.
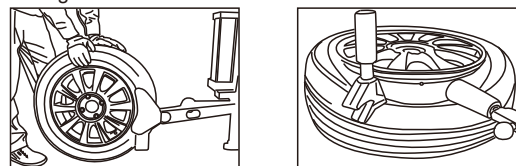
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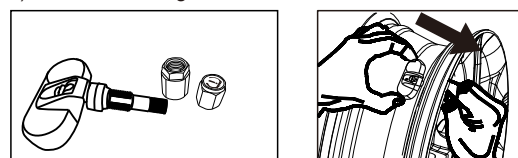
—06—

internal sensor installation

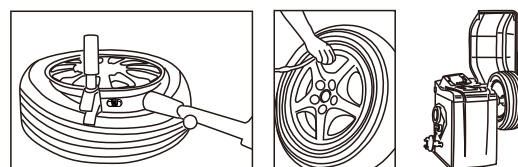(1)Unload the from the vehicle and deflate the tire.

(2)Use tire changers to demount the tire and remove the original valve.

(3)Take out the Ring ,Nut ,Vale Cover of the sensor.

(4)Use the specified spanner to loose the sensor's valve firstly, put the sensor to the wheel hub and using hand to adjust the best installation position and tighten the sensor valve, and then take out the sensor and using the specified spanner to tighten the sensor again.

—09—

Fast Leakage Alert 🔊)) BI.BI.BI ...

The sensor will send alert data to the monitor if it detects fast leakage in a tire. The alert icon and the pressure data will flash together with the tire icon.

Sensor Low Batter Alert 🔊)) BI...BI...

While the sensor battery voltage is low, the sensor will send the alert to themonitor . The corresponding tire icon and the low battery icon

Factory default alarm setting

Pressure unit	PSI
High pressure	3.0BAR (44PSI)
Low pressure	2.0BAR (29PSI)
Temperature unit	°C
High temperature	70 °C

—07—

FCC Statement

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

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.