M-Style TPMS Wireless Tyre Pressure Monitoring System User Manual

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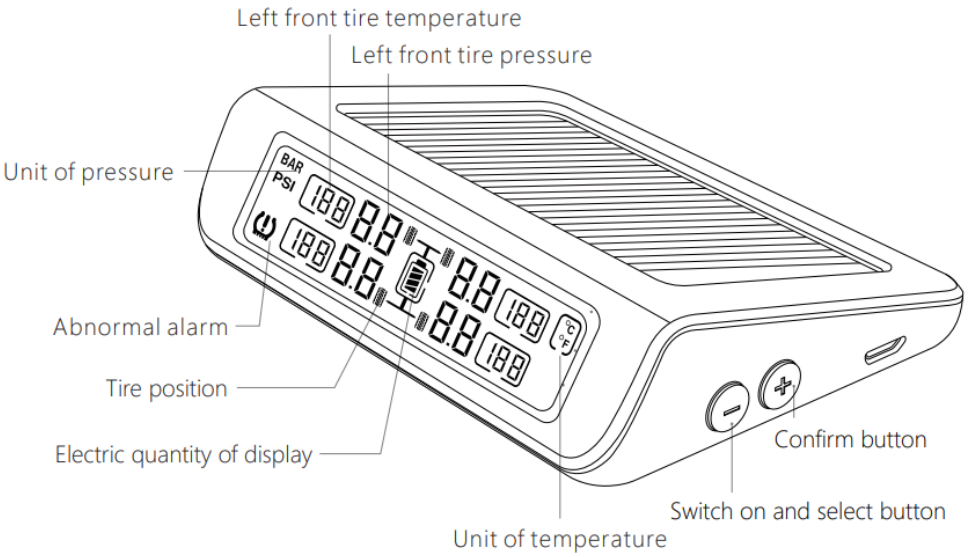
Contents

Quick explanation

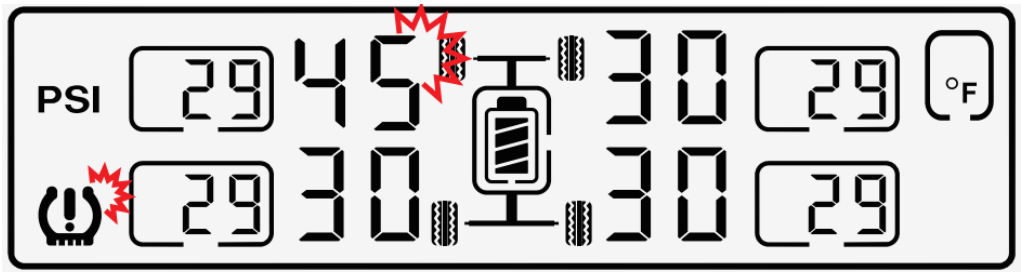


Functional description of the display

High temperature alarm/Low power alarm Interface/switch to pressure after alarming 8s and switch to temperature/low power alarm interface automatically after 8s.Rrpeat the switching until fault removed
For example,the alarm value setting by the user are as follows:
High pressure alarm value:44PSI
Low pressure alarm value:29PSI
High temperature alarm value:65℃

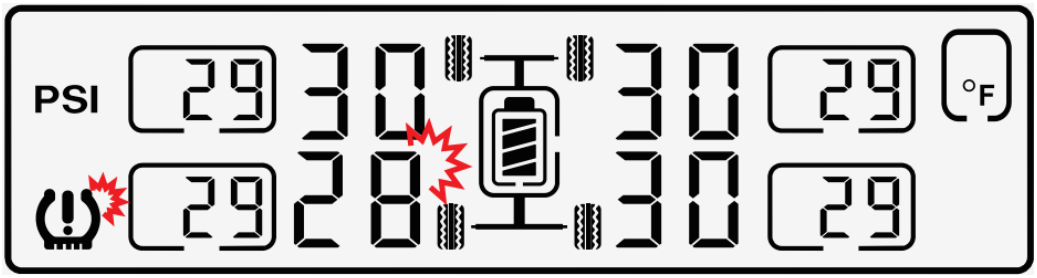
High-pressure alarm 

Tire pressure is over 44PSI



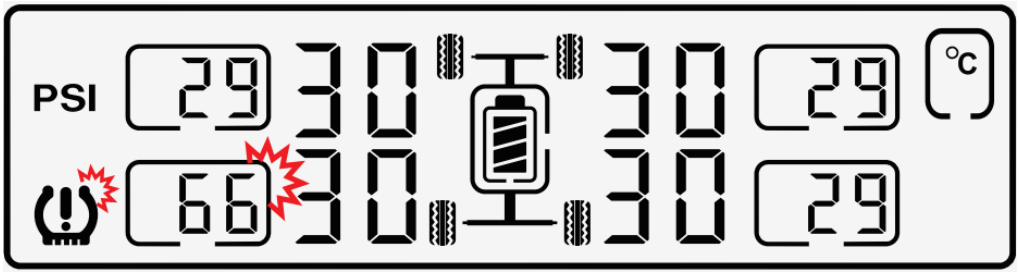
Low-pressure alarm 

Tire pressure is lower than 29PSI



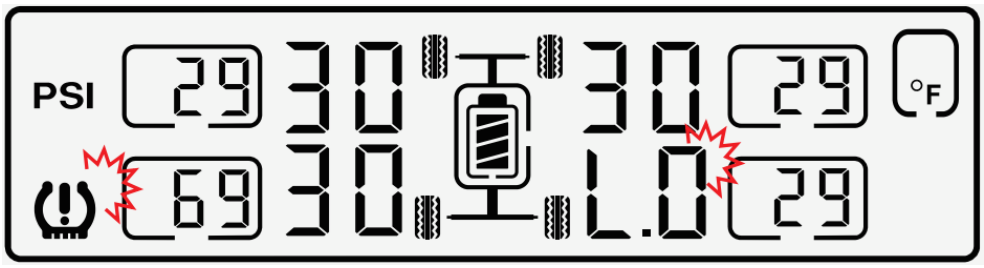
Tire-temperature alarm 

Tire temperature is over 65



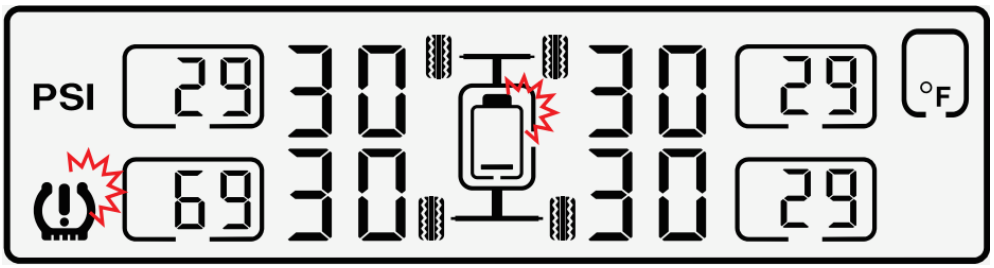
Air-leaking alarm 

Air-leaking prompt of tire



Low-power alarm 

Low-power prompt of sensor

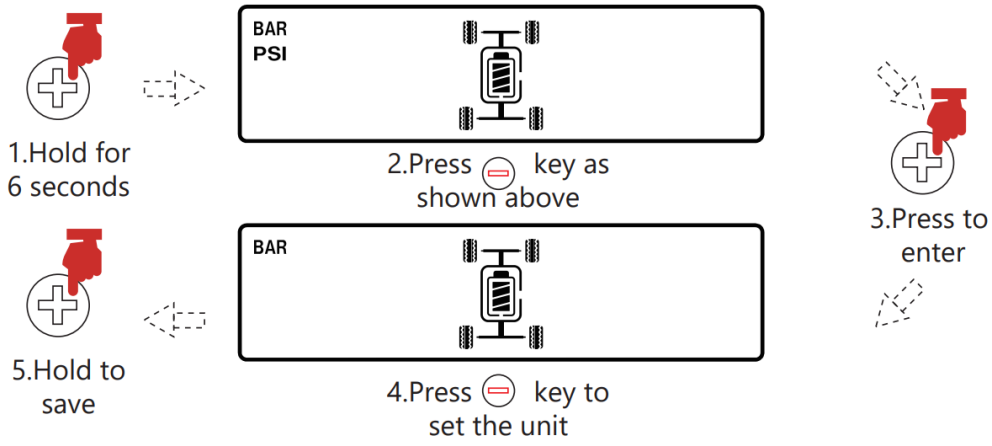


Parameter setting

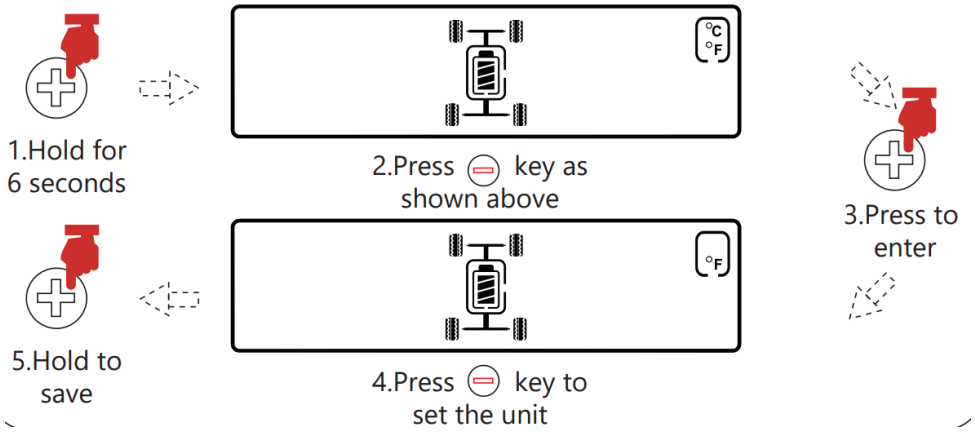
(The parameters have been set before delivery, and the operations below are not needed) Note: The operations have been matched before delivery, and they are only needed

Setting the unit of pressure

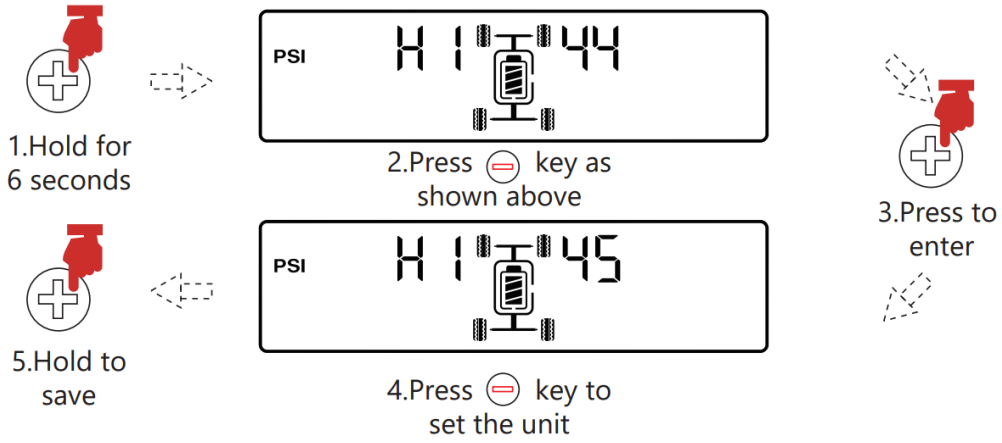
Caution: Maximum pressure alrarm value can be set to 99PSI (8.0 BAR) Max pressure can be show to 99 PSI (8.0 BAR)



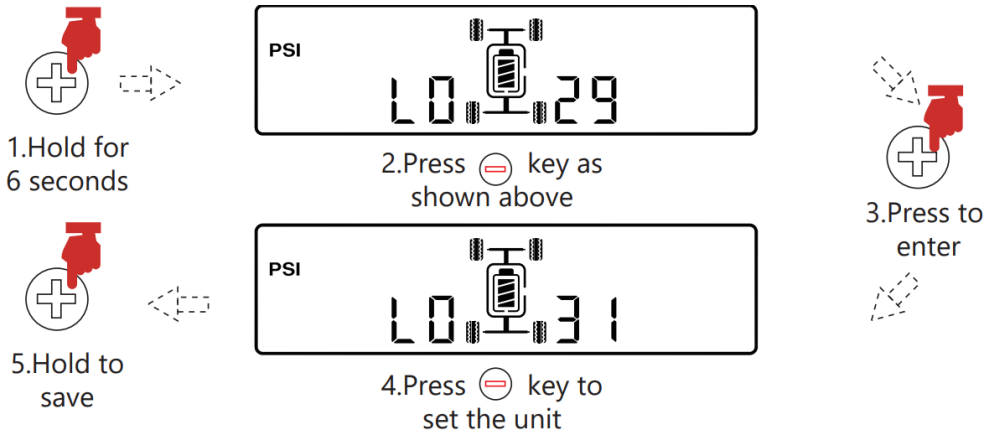
Setting the unit of temperature



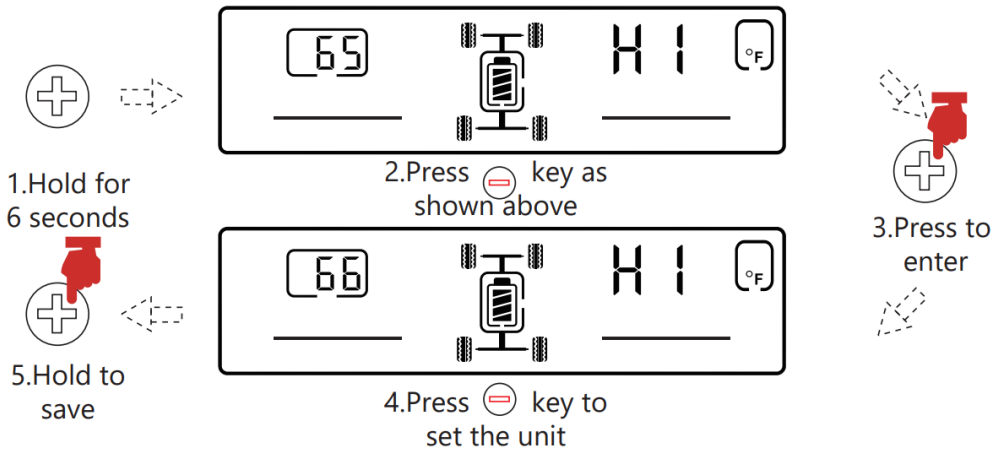
Setting the upper alarm value of tire pressure



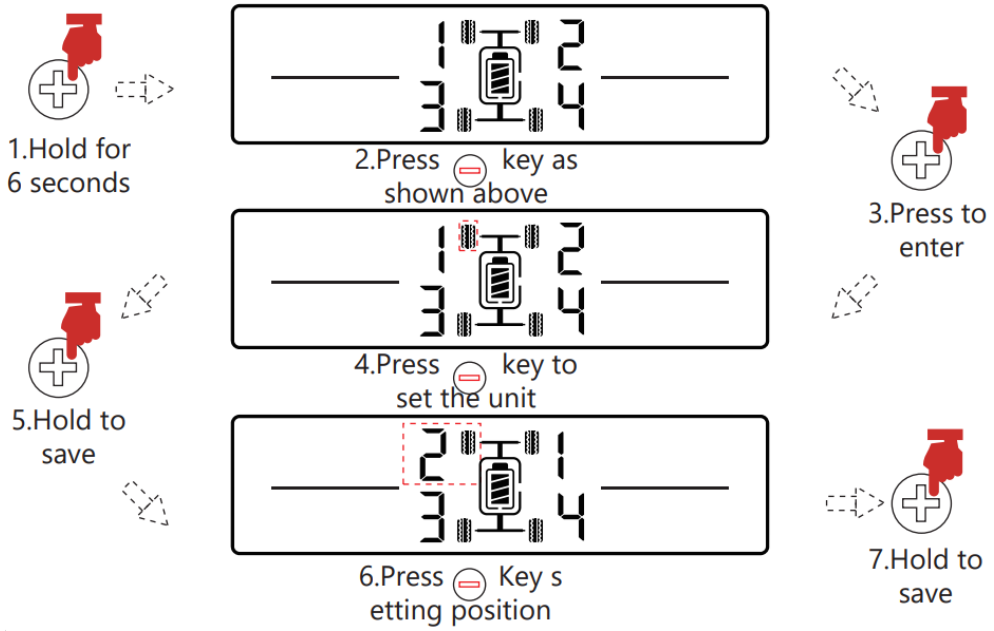
Setting the lower alarm value of tire pressure



Setting of upper alarm value of tire temperature



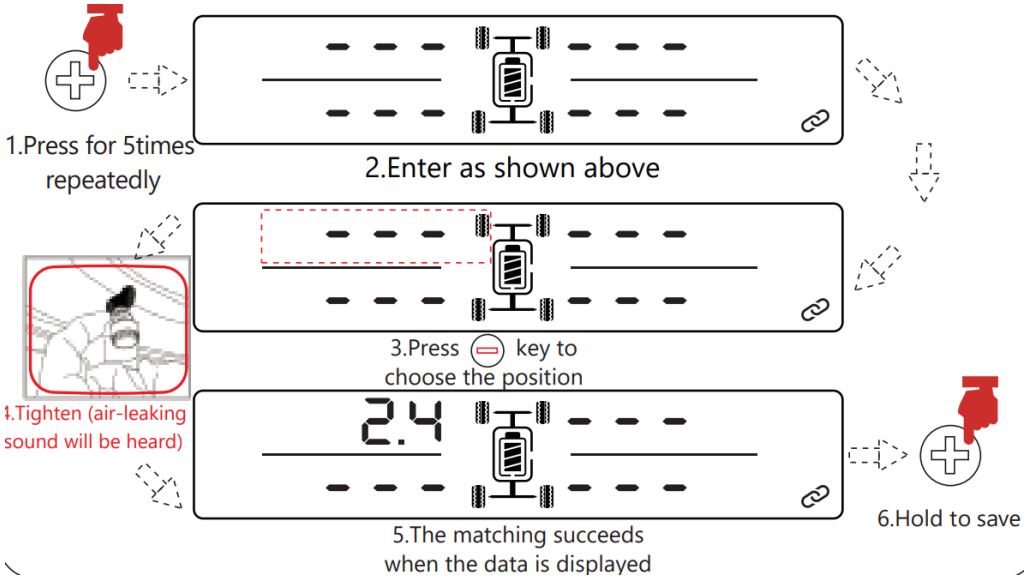
Interchange tire setting



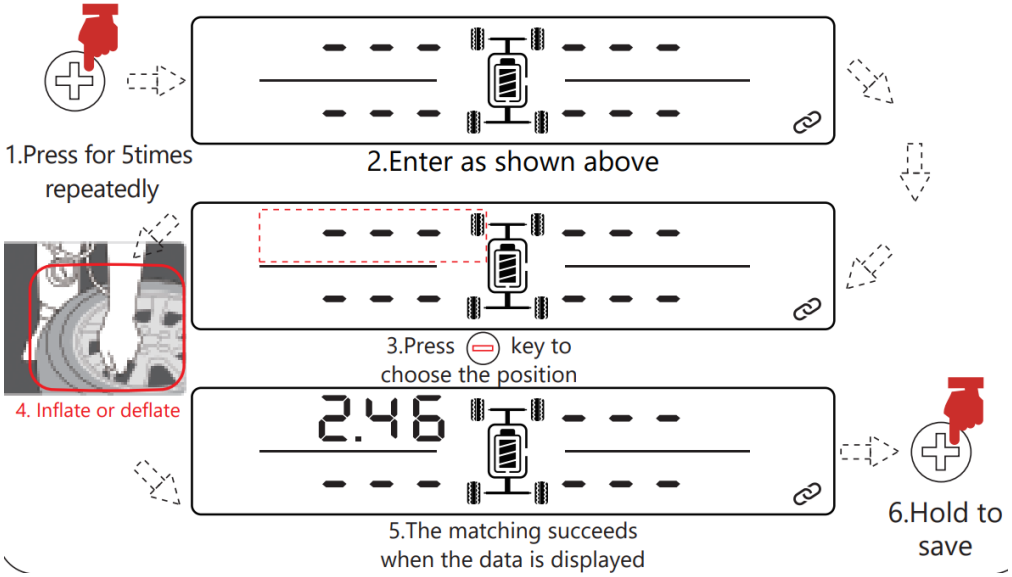
Matching operations

Note: The operations have been matched before delivery, and they are only needed when the data is missing, or when the sensor or the display needs to be replaced.

Matching of outer sensor

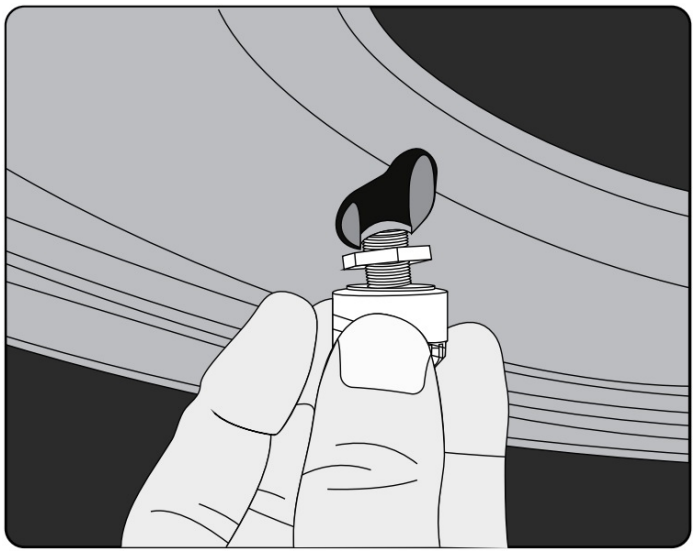


Matching of internal sensor

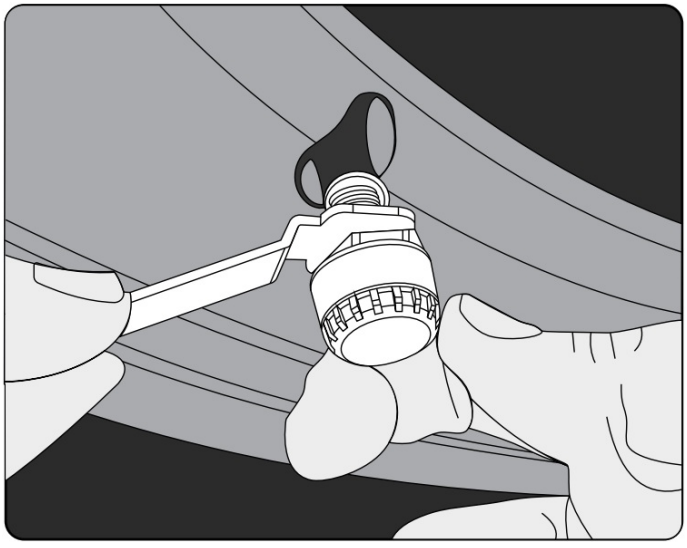


Installation of outer sensor

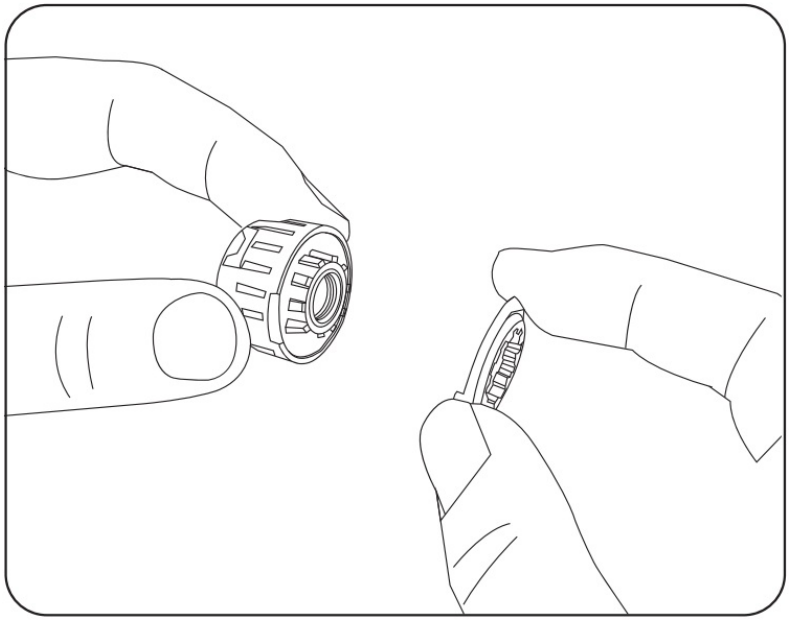
1. First tighten the anti-burglarygasket and thentighten the sensor

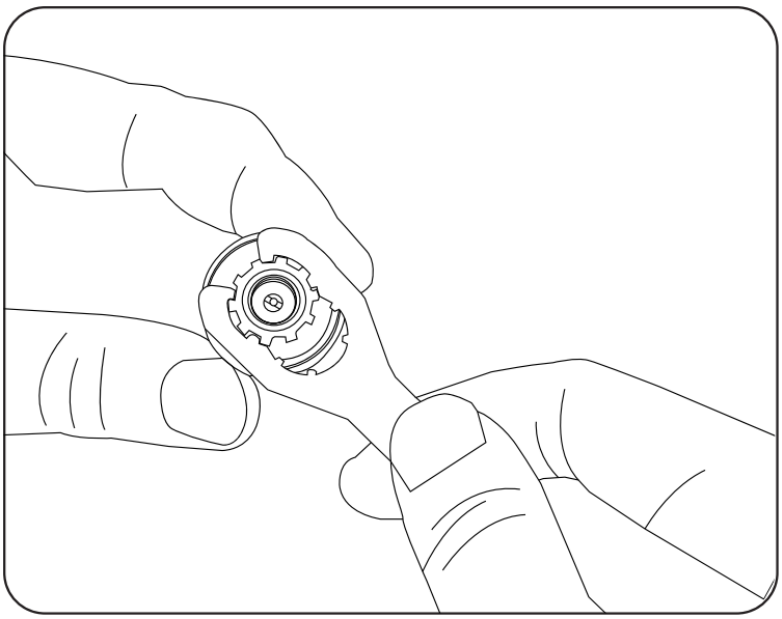


2. Hold the anti-burglary gasketwith a spannerand tighten it counter-clockwise



replace the battery with external sensor





Open the housing with a spanner and remove it Replace the battery

PACKAGE CONTENTS

Parameters of sensor

Specification of sensor/emitter
Working humidity: 100%
Weight: Inner sensor: 55g NF+ (37g of air nozzle not included)
Outer sensor: 9.5g (WF)/6g (WI)
Dimension of inner sensor: 69mm*86mm*14.5mm NF+ (L*W*H)
Dimension of outer sensor: 23mm*15mm (WF) (DIA*H)
18mm*13mm (WI) (DIA*H)
Standby current: 1uA
Standard: CTB160109001Q test report is issued by the test agency with legal qualifications
Test scope of pressure: 0 ~ 8bar (0 ~ 99 psi)
Test scope of temperature: -40 -+125
Transmitting frequency: FSK433.92MHz

Notes for attention and statement

- This product applies only to the models of cars with air pressure of tire within 199PSI.
- The safety of Car tires cannot be wholly dependent on this product. The tires shall be checked on a regular basis, and the tiresshall be ensured to be free from damages such as pricked hole,cutting and swelling.
- When the product gives out an alarm, the driver shall stop the car for checking and handling.
- The product cannot forecast any sudden damage of the tires as a result of external force.
- Do not operate the product in driving.
- The shelf life of the battery of the sensor is related to the driving mileage of the Car.
- Do not charge the monitor for a long time (to avoid shortening the battery life of the monitor).
- Please don’t use the liquid tire repair agent,or it may block the sensor detection hole.

Notes for use

Please read the following carefully before installing the product:

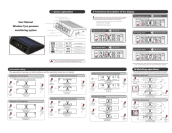
1. The display shall be installed at the place where driving view is not blocked.
2. The display shall be ensured to be reinforced so that it will not fall off in the course of driving.
3. After the sensor is installed, confirm if the air nozzle is air leaking, and apply some soap water at the air nozzle when necessary and check if any air leaking exists.
4. When the air pressure is too high, take care and prevent the tire from bursting in driving, and when the air pressure is too low, take care of oil consumption and balance.
5. The product can monitor the tires at real time effectively, but it cannot guarantee any sudden occurrence of safety accident of tires. Therefore, choosing tires of good quality is of equal importance with ensuring normal air pressure of tires.

6. When the vehicle is in driving, if the signal is interfered, the signal of the display may be missing, and the use of the product may be affected. In this case, it shall be matched again.
7. If the display is not touched or vibrated within 3-5 minutes, it will hibernate automatically, and a slight vibration may trigger automatic power-on test of the data transmitted by the sensor.
8. The connection between the display and the sensor is wireless. Several anti-interference functions have been designed and the possibility of its being interfered is extremely low.
9. In the course of driving, due to thermal expansion and contraction, air pressure of tires may be changed towards slightly low or slightly high, and it's normal.
10. Generally, natural air leaking of the tires may occur due to natural ageing of rubber product, and it's normal and has not direct relationship with installation of the product.
11. It's prohibited to dismantle, modify or change the product by yourself, and it's the responsibility of your own in case of your doing so which results in failure of normal work of the product.
12. The original air nozzle of the vehicle being rubber one, it's recommended be changed into an aluminum alloy one (for when the sensor is mounted onto the force at high-speed rotation).
13. The specification and technical parameters may be inconsistent with those in the user manual, for they may be changed from time to time due to upgrade or update. They are subject to the actual product without prior notice, and the manufacturer reserves the right to interpret them.

Trouble-shooting

1. The display cannot be displayed normally
2. The sensor cannot work normally
3. When the icon of "short of power" appears on the display screen, and it continues being used, the display may be malfunctioned. At this time, charge the display to return it to normal.
4. The colors of the display screen are changed Confirm if the temperature inside the vehicle is too high (over 65). When the temperature returns to normal, it will be recovered to normal display.
5. Update speed of the display screen becomes slower Confirm if the temperature inside the vehicle is too low (below -20). When the temperature returns to normal, it will be recovered to normal display.
6. After the display is started again, there's no data display of tires Only when the sensor detects that the tire has a pressure change of over 1PSI, it will send new pressure and temperature value to the display, so there's no data display of the tire. The data will be displayed only after the vehicle is started.

Documents / Resources

	M-Style TPMS Wireless Tyre Pressure Monitoring System [pdf] User Manual Wireless Tyre Pressure Monitoring System, Tyre Pressure Monitoring System, Pressure Monitoring System, Monitoring System