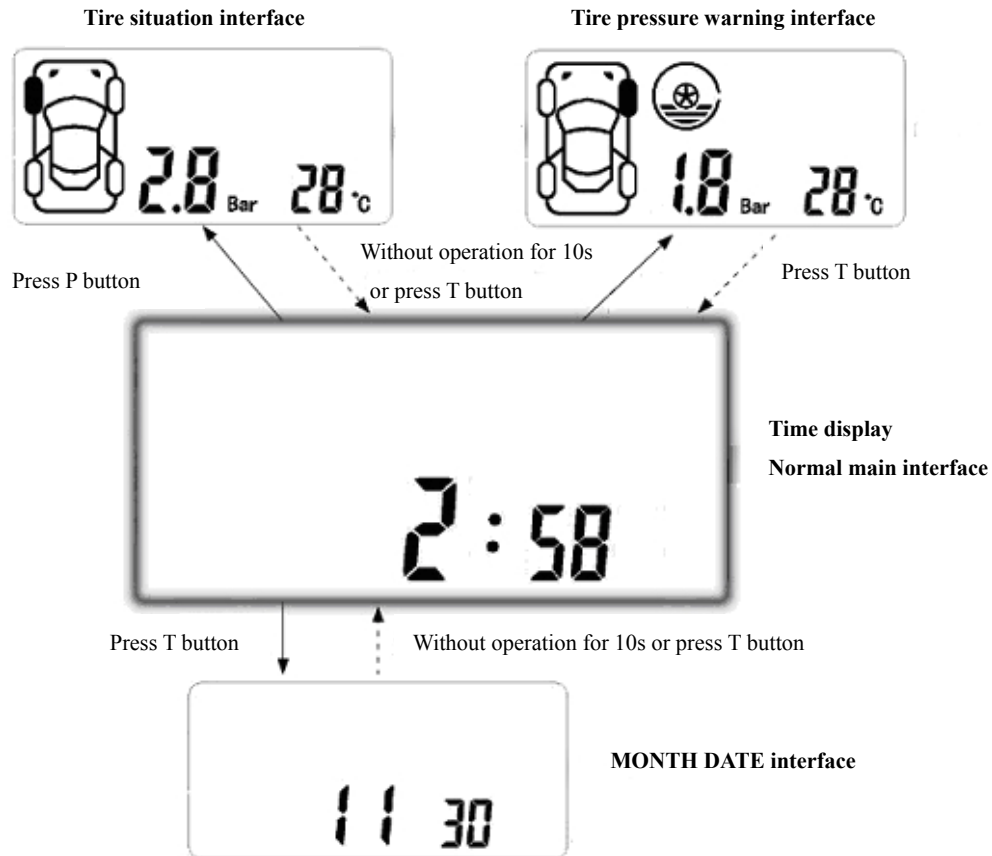


Operation Illustration



Once the key switches on the ignition, the system is powered up by 12V voltage, and enters into the normal working mode with the LCD background lighting up for 10 seconds. The system starts checking tire pressure and temperature in the clockwise order: left front tire→ right front tire→ right rear tire→left rear tire. If the tire is in warning status, the buzzer rings, LCD background lights and displays the tire situation at the same time. If in normal status the system turns into clock mode and monitors the tire continually.

In the normal working mode, the system monitors the tire and displays the time continually. If the tire is abnormal during driving, the buzzer rings, LCD background lights and the display shows the tire warning status. (If there are two or more tires warn at the same time, the system will display warning tire separately). It tells that the driver should stop or slow down for quick action. Under the warning mode, press “T” button to terminate the buzzer and the system turns into the clock mode,

but the display will still light to remind the warning condition. The buzzer will resound after one hour if the warning is not be terminated.

In normal working mode, press “T” button to display the time and date, press “P” button to display pressure and temperature situation in the clockwise order: left front tire→ right front tire→ right rear tire→left rear tire. Without operation in 10 seconds the system will go back to the clock mode automatically.

When the car powers off, the receiver background lights shut down. The system will still monitor the tire situation continuously. When the warning occurs, the system will record automatically and save the data. The system will warn when the system is power up.

6. Setting Illumination

The system factory default settings are as follows:

Pressure unit: Bar

Tire standard pressure: 2.4 Bar

High-temperature warning threshold: 75℃

Temperature unit: ℃

High-pressure warning threshold: more than standard value 25%

Low-pressure warning threshold: less than standard value 20%

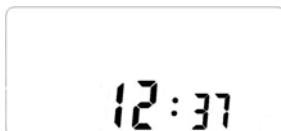
Aimed at different auto, setting can be done by professional or by yourself as the follows:

Pressing the “T” button, then switching the key to the position of ACC or switching on the ignition, you can make the system turn into setting mode. These setting includes: **System Time Setting, Pressure Standard Value Setting, Unit Selection Setting, Tire Interchange Setting, Tire ID Self-Learning Setting, Tire ID Reader Setting** (professional tools, need to purchase extrally) and **Exit Setting**. Without operation for 30s, the system will exit the setting mode automatically and return to the normal working mode.

1) System Time Setting



System Time Setting interface: enter the setting mode, the first setting is time, (Fig-left), press P button to go to the time setting mode, press T button to select other setting.

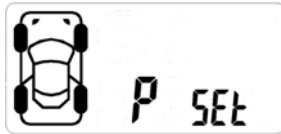


“HOUR” setting: the “hour” figure flickers, press T button one time to increase the value by one. By keeping pressing the T button the figure will increase sequentially. The value range is from 0 to 23.

Press P button to go into the “MINUTE” setting.

With the same method, by pressing T button each time, you can set MINUTE, MONTH, DATE and YEAR Setting SEPARATELY. After the YEAR setting the system will return to the time setting interface and save the data automatically.

2) Pressure Standard Value Setting



Pressure Standard Value Setting interface: enter the setting mode, press T button to select the picture as the left, press P button to go into the setting mode.



Front-tire standard pressure value setting: Press T button one time, the value increase 0.1. By keeping pressing T button the value will increase sequentially. The value range is from 1.0 to 2.8. Press P button to go into the rear-tire pressure setting. (If the unit is PSI, the value range is from 15---41 PSI.)

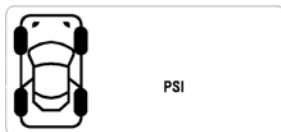


Rear-tire standard pressure value setting: Press T button one time, the value increase 0.1. By keeping pressing T button the value will increase sequentially. The value is from 1.0 to 2.8. Press P button to exit the rear-tire standard pressure value setting and return to the pressure standard value setting interface and save the data. (If the unit is PSI, the value range is from 15---41 PSI.)

3) Unit Selection Setting



Unit Selection Setting interface: enter the setting mode, press T button to select picture as the left, then press P button to go into the pressure and temperature unit selection setting.



Choose the pressure unit: Press T button to choose pressure unit (PSI or BAR), press P button to confirm and then go into the temperature selection interface.



Choose the temperature unit: press T button to choose the temperature unit (°C or °F), press P button to confirm and save the unit information at the same time and return to the unit selection setting interface.

4) Tire Interchange Setting



Tire Interchange Setting Interface: Enter the setting mode, press T button to select the picture as the left, then press P button to go into the tire interchange setting.



The first tire selection: Press T button to select the first tire, then press P button to confirm and go into the second tire selection setting.



The second tire selection: the first chosen tire turns black, press T button to select the second tire, then press P button to confirm the selection. When the selection succeeds (the two tires are not the same), the system will save the data after 5s flashing and return to the tire interchange setting interface. If the two chosen tires are the same, the setting fails and the system returns to the setting interface instead.

5) Tire ID Self-learning Setting



If one of the transmitters breakdowns or for other reasons, users need to replace the transmitter, the system need to learn the new ID code. Enter the setting mode, press T button to select the picture as the left, then press P button to go into the Tire ID Self-learning Setting.



Select the self-learned tire: press T button to select the self-learned tire as the following sequence: left front—right front—right rear—left rear. Press P button to confirm.

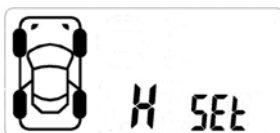


After the transmitter launches the signal, the system begins to learn the new ID code. During that time press T button to abandon the self-learning process and to return to the ID Self-learning setting interface.



When the self-learning succeeds, the system will display the self-learned tire pressure and temperature values, save the data and exit self-learning setting after 5 seconds flashing. The system will return to the Tire ID self-learning setting interface.

6) Tire ID Reader Setting



Tire ID Reader Device is a special tool to operate the system. We advise you not to operate by yourself rather than professional support. Please refer to Tire ID Reader User Manual.

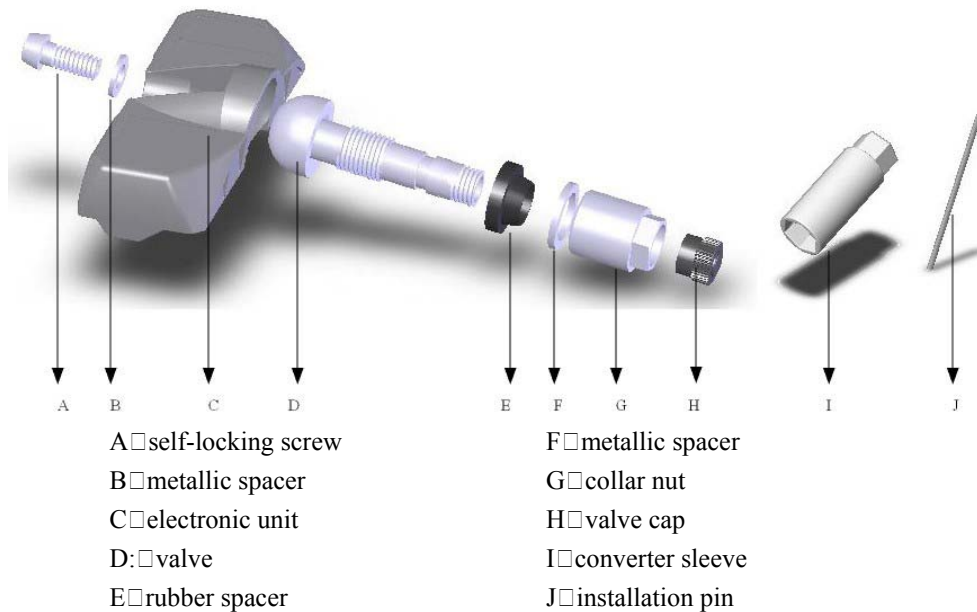
7) Exit Setting



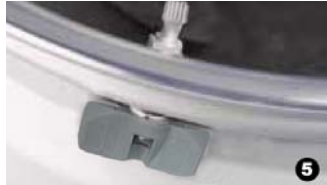
To exit the setting, press T button to choose the picture as the left. Press P button to exit the system setting and go back to the time display interface.

7 Installation Illumination

Transmitter Installation



- 1) Take out of the product from the package, and the transmitter is a whole unit. It's needed to unscrew the valve cap (H) and the collar nut (G), take off the metallic spacer (F), and loose the self-locking screw (A).
- 2) Put the electronic unit (C) and valve (D) through the valve hole of the rim. Then put the metallic spacer (F) on the valve, tighten the collar nut (G). (Fig-1)
- 3) Put the installation pin (J) into the radial boring of the valve and tighten collar nut with the converter sleeve (I) (4 ± 0.5 Nm torque.) (Fig-2)
- 4) Press the electronic unit lightly into the deep well of the rim in order to let the electronic unit lie flat in the drop center. Apply the thread glue on self-locking screw (A) then tighten it the with 4 ± 0.5 Nm torque.(Fig-3)
- 5) Now the electronic unit had tightly leaned against the valve. (Fig-4)
- 6) Tighten the valve cap and complete the installation. (Fig-5)
- 7) Install tire onto the wheel. Attention must be paid to ensure that the tire bead does not press against the wheel electronic unit!



Receiver Installation

- 1) The receiver can be installed at a convenient location on the dashboard, and there are two ways to fasten the receiver:
 - a) Install a plinth on the back of the receiver (as picture 1, circumvolve the plinth clockwise), and push on the slot of the air-conditioner. (as picture 2)
 - b) Adhere the double-face glue on the back of the receiver, and then adhere to a convenient place of dashboard.
- 2) Power cable connection:
 - a) Red cable--- connect to the power of the car (12V or 24V).
 - b) White cable--- connect to the power of the key switch..
 - c) Black cable--- connect to the earth.

