



GoSafe TPMS 100
USER'S MANUAL

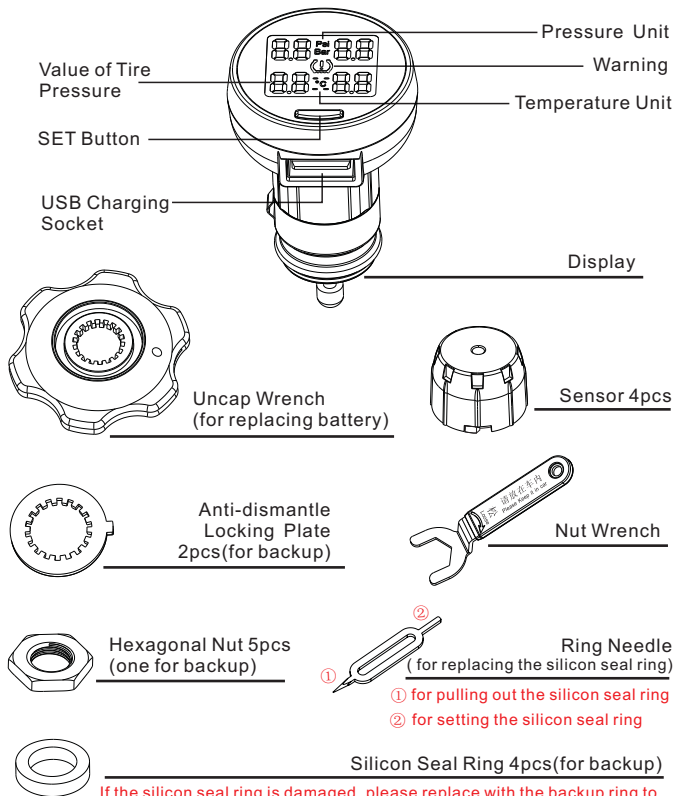
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V6. 05. 05

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Packing List



If the silicon seal ring is damaged, please replace with the backup ring to avoid leaks.

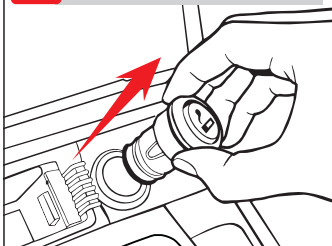
As shown in page 16 picture 3 - Replace Sensor Battery.

Display Power On

Important:

Before installing the sensors, display must be plugged in and vehicle key turned from ACC.OFF to ACC.ON.

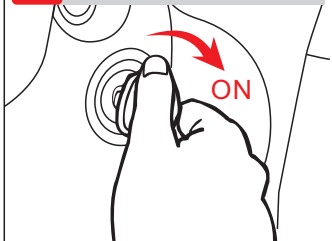
1 Pull out the cigar lighter



2 Plug in the display



3 ACC ON

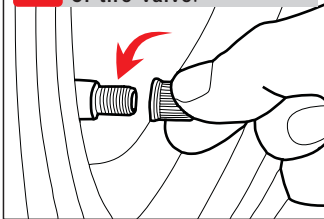


4 Display will power on, and start to receive data.

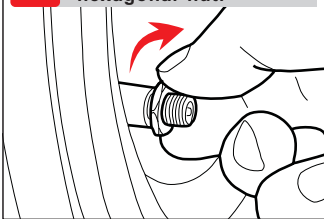


Installation of tire sensors

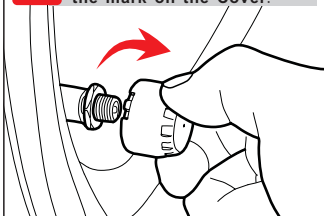
1 Remove dustproof cap of tire valve.



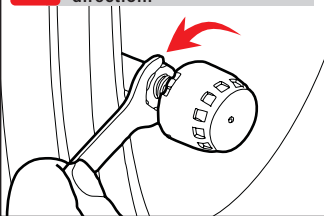
2 Screw-in the hexagonal nut.



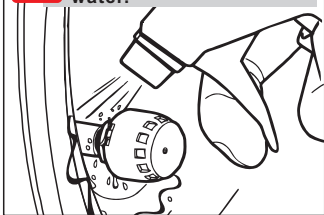
3 Screw-in the sensor on proper tire according to the mark on the Cover.



4 Tighten the sensor with the nut wrench in reverse direction.



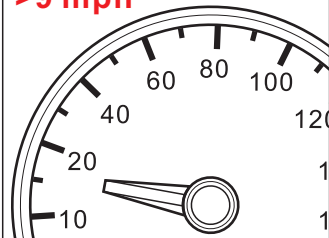
5 Check if it is leaking by spraying it with soapy water.



Driving Check

- 1** When the driving speed is up to 9 mph, the display will update the data of tire pressure automatically.

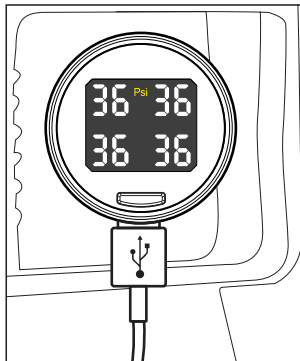
>9 mph



- 2** If all the 4 tire pressure values are shown, it means the system is installed and working successfully.



USB Charging Socket



With display power on

There is a USB socket in the display socket, so it can charge some portable products such as mobile phone or MP3's while the tire pressure monitor is working.

Output voltage: 5V
Output current: 500mA

Display Functions

All 4 Tires' Pressure Data Shown

The display will show all 4 tire pressure values right after the vehicle's engine is started.



Leakage Warning



Bi-Bi-Bi-Bi-Bi-

It means the tire may be punctured by a nail or aged.



Abnormal Pressure Warning



Above 46 Psi: Bi-Bi-Bi-Bi-
Below 26 Psi: Bi-Bi-Bi-

The pressure is out of normal range which is 26 to 46Psi.



Sensor Battery Run Out of Power



Bi--Bi--

The lifetime of each sensor battery is 1-2 years.

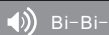


Display Functions

Sensor
Disabled



High Temperature
Warning



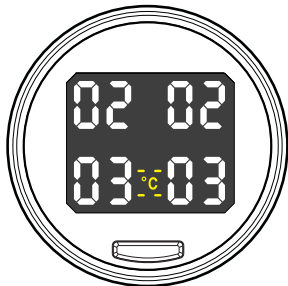
The tire temperature is higher than 65°C.



Temperature Query

Press the SET button once, the display will beep once and show tire temperature values as below, and then go back to tire pressure values after 10 seconds automatically.

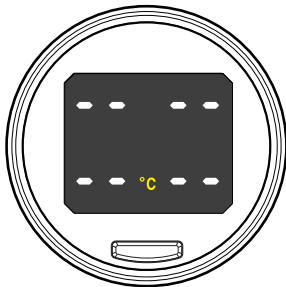
The display will show temperature unit °C if the tire temperature is above 0°C, and will show °C if it is under 0°C.



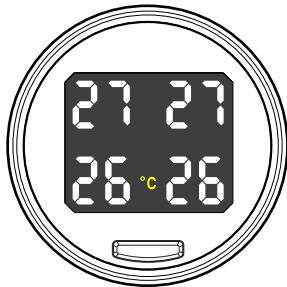
Display Functions

Temperature Range

Display will show temperature values as below when it is powered on.



- The detected temperature range is from -40 to 99°C.
- The display will update the temperature values only if driving speed is up to 9 mph.



SET Button Functions

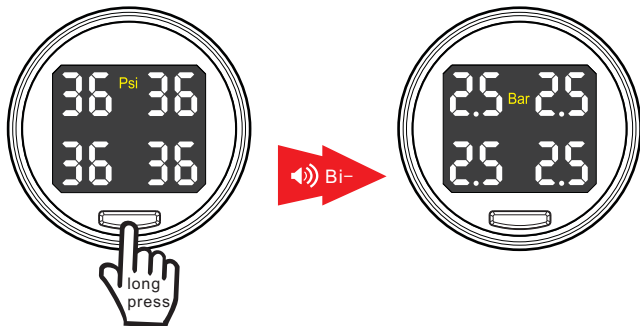
Press SET button once , the display will show the tire temperatures.

Press SET button and hold :

- Until the display beeps once and release --- Pressure unit switching (Psi/Bar)
- Until the display beeps twice and release --- High pressure alarm value setting (Factory default 46Psi)
- Until the display beeps 3 times and release --- Low pressure alarm value setting(Factory default 26Psi)
- Until the display beeps 4 times and release --- Enter the code learning mode
- Until the display beeps 5 times and release --- Restore factory defaults

Pressure Unit Switching

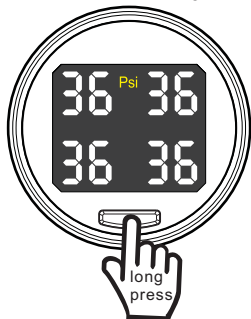
ACC ON, after display is powered on, press the SET button and hold on until it beeps once and release, the pressure unit can be switched between "Bar" and "Psi". The factory default pressure unit is Psi.



High pressure alarm value setting (Factory default 46Psi)

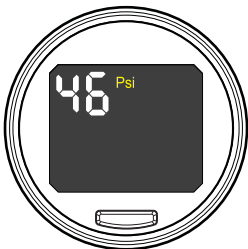
1

Press SET button and hold on until the display beeps twice and release, to enter high pressure alarm value setting.



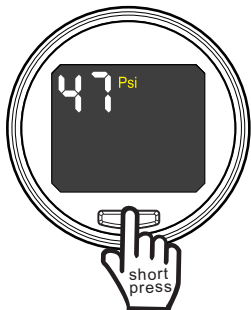
2

The display shows the current alarm value.



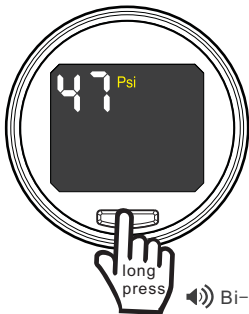
3

The alarm value increases 1Psi with each short press of the SET button one time. It will circulate between 36 and 51 Psi.



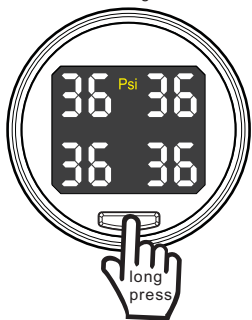
4

Press SET button and hold until the display beeps twice and then release to confirm and exit setting.



Low pressure alarm value setting (Factory default 26Psi)

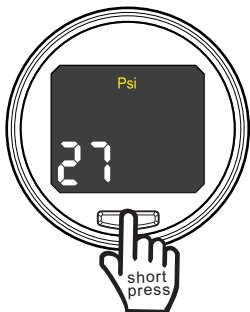
- 1** One long press and device will beep 3 times and release, entering low pressure alarm value setting.



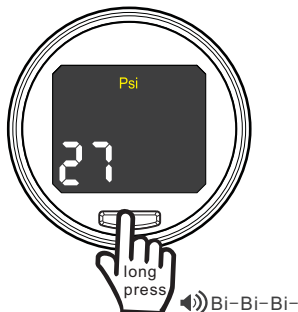
- 2** The display shows the current alarm value.



- 3** The alarm value increases 1Psi with each short press of the SET button. It will circulate between 11 and 35 Psi

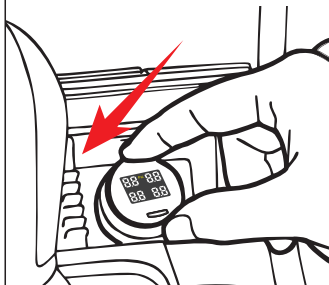


- 4** Press SET button and hold until the display beeps 3 times and then release to confirm and exit setting.

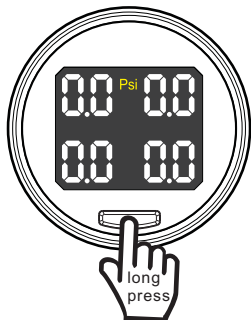


Code Learning

- 1** Before installing the sensor on the tire, turn car key from ACC OFF to ACC ON, plug the display into the cigar lighter until it is working.



- 2** Press SET button and hold until the display beeps 4 times and release



- 3** The display will show the order 01-02-03-04 for FL-FR-RR-RL sensors, Once 01 starts to flash you may begin installation process on Front Left tire.

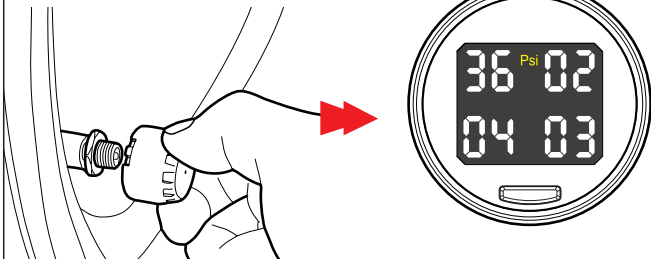


**Please note that each sensor must get the included battery installed first then attach to the proper tire valve. Each sensor must get installed one at a time.

Code Learning

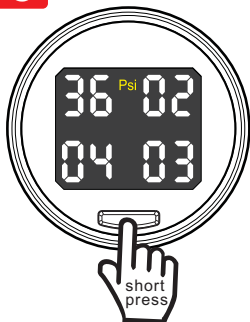
4

Install the FL sensor on the front-left tire. Display will beep once and show the tire pressure value after 10 seconds, which means that the FL sensor was paired successfully.



5

Short press the SET button once to pair the next sensor.



Once the display 02 starts to flash, install the FR sensor on front-right tire.



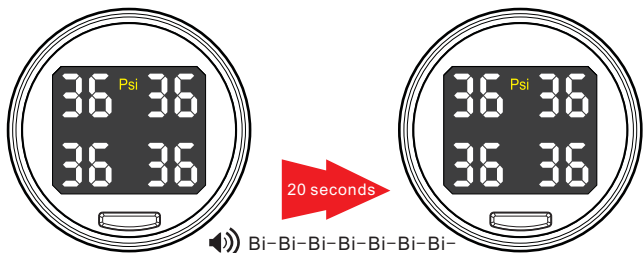
And repeat above steps for rest sensors.

★ If there is only one sensor that needs to be paired, press the SET button to toggle through each tire until you reach the correct tire that needs to be paired.

2 Ways to Exit Code Learning Mode

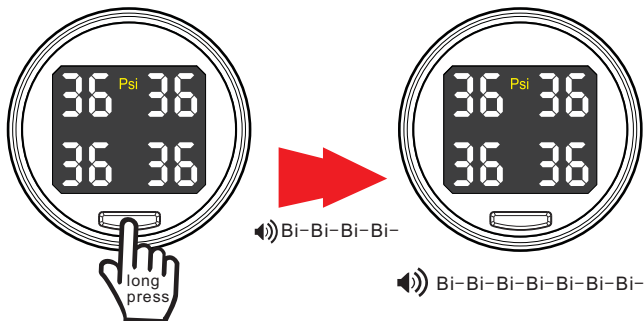
1

After 4 sensors are paired successfully, the system will exit code learning mode after 20 seconds automatically, and the display will beep 7 times.

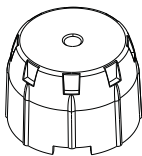


2

Once 4 sensors are paired successfully, press SET button and hold until it beeps 4 times and then release to exit code learning mode, and the display will beep 7 times once all 4 sensors have been paired successfully.



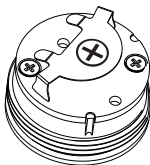
Sensor Enlarged View of Sensor View



Cover



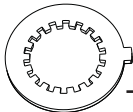
Button Battery CR1632



Sensor



Silicon Seal Ring



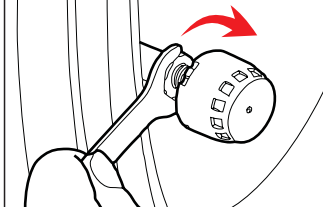
Anti-dismantle Locking Plate



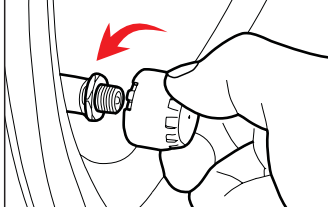
Hexagonal Nut

Replace Sensor Battery

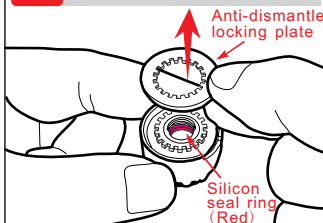
1 Loosens the hexagonal nut.



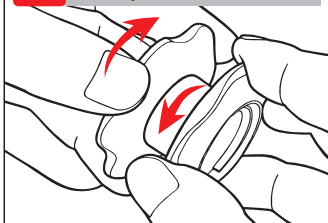
2 Unscrew the sensor.



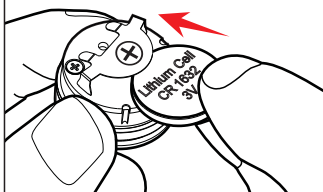
3 Take out the anti-dismantle locking plate.



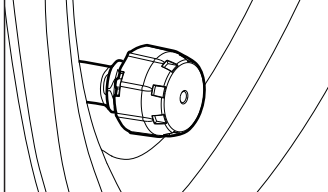
4 Unscrew the Cover with uncap wrench



5 Replace the new button battery



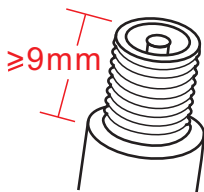
6 Assemble the sensor in reverse operation.



Top Reasons for Leakage in Nonstandard Tire Valves

Standard Valve

- The valve core is even with the edge.
- The valve thread length $\geq 9\text{mm}$



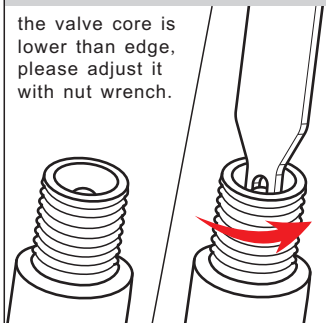
Nonstandard Tire Valve Reason 1:

The breach in the valve may be causing the leakage, please replace it with a standard valve.



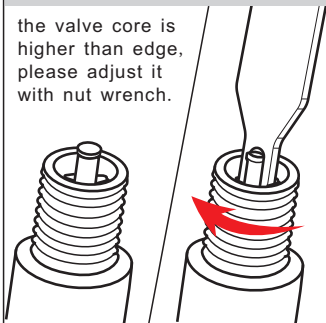
Nonstandard Tire Valve Reason 2:

the valve core is lower than edge, please adjust it with nut wrench.



Nonstandard Tire Valve Reason 3:

the valve core is higher than edge, please adjust it with nut wrench.



Technical Parameter

Sensor

Sensor Weight: <10g
Pressure Range: 0Psi-51Psi / 0Bar-3.5Bar
Battery Model: CR1632
Battery Lifetime: 1~2 years
Static Current: < 0.7 μ A
Operating Current: < 12mA
Operating Temperature: -40 $^{\circ}$ C ~ +125 $^{\circ}$ C
Pressure Error: \pm 1Psi / \pm 0.1Bar
Temperature Reading Accuracy: \pm 2 $^{\circ}$ C
Operating Humidity: 5~98%

Display

Input Voltage: 12 \pm 3V
Static Current: < 35 mA
Operating Temperature: -40 $^{\circ}$ C~+85 $^{\circ}$ C
Operating Humidity: 5~98%

FAQ

Sensor Interface Leakage

It is usually caused by a nonstandard tire valve, please replace it with a standard one at your local tire store.

Display is Not Working

There is no 12V power to the cigar lighter socket, please check related fuses.

Sensor is Missing

Please buy a sensor from our company and reset it.

Battery is Out Of Power

Please replace with a new button Cr1632 battery

Tire Position Modified

The sensor must be exchanged according to the mark on the sensor Cover after changing the tire position.

Notes and Statement

- The system is only suitable for vehicle's with tire pressure that is no more than 3.5 Bar with 12V power.
- The safety of tires on any vehicle should not rely solely on the use of this product. Regular tire inspections are still necessary in case of any nail punctures or tire breakage.
- Stop your vehicle and check for tire safety as soon as the TPMS system alerts you with the system warnings.
- This system cannot prevent any unpredictable events by any outside forces.
- Please do not operate this system while driving.
- This display will only work normally while it is completely powered on.
- The lifetime of each individual sensor is related to the amount of vehicle driving mileage. While driving under -20°C/-4°F the lifetime of each individual sensor may also be affected with a shorter lifespan.
- The tires' temperature will rise while driving and the tire pressure should be between 0.1 to 0.3 Bar, accordingly.
- Please park your vehicle in a safe place. Our company does not take responsibility for any lost or stolen sensors.