

**PAPAGO!**<sup>®</sup>

**TireSafe D10E**  
**USER'S MANUAL**

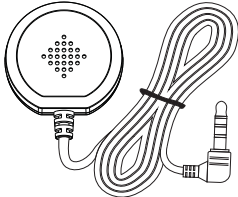
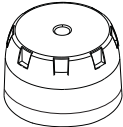





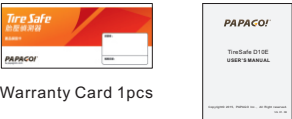
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V6. 10. 06

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## Packing List

 <p>TPMS Receiver 1pcs</p>	 <p>External Sensor 4pcs</p>
 <p>Combination Wrench 1pcs</p> <p>① For locking the sensor with hexagon nut. ② For fixing the sensor base when unscrewing the sensor cover to replace battery.</p>	 <p>Cr1632 Battery 4pcs</p>
 <p>Ring Needle 1pcs (for replacing the silicon seal ring)</p> <p>① For pulling out the silicon seal ring. ② For setting the silicon seal ring.</p>	 <p>Hexagon Nut 5pcs (one for backup)</p>
 <p>Silicon Seal Ring 4pcs (for backup)</p> <p>If the silicon seal ring is damaged, please replace it by the backup ring for avoiding leakage.</p>	 <p>Warranty Card 1pcs</p> <p>User's Manual 1pcs</p>

## PAPAGO! TireSafe D10E Firmware Update

The TireSafe D10E is to be used with several GoSafe dash cams. The following GoSafe models are compatible with the TireSafe D10E.

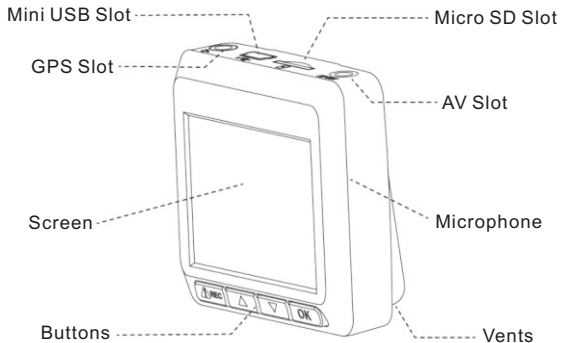
### Support List:

PAPAGO! GoSafe 388 mini  
PAPAGO! GoSafe 368 mini  
PAPAGO! GoSafe 350 mini  
PAPAGO! GoSafe S30  
PAPAGO! GoSafe 51G  
PAPAGO! GoSafe 30G  
PAPAGO! GoSafe 760

## Airbag warning

Caution: We are not responsible for any damage caused to, or caused by, the air bag due to incorrectly placing the device within the range of the safety bag area.

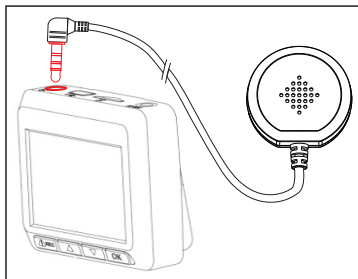
## Receiver Installation



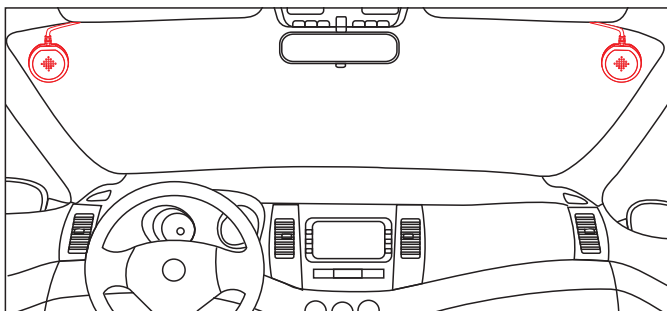
Driving Recorder Overview

## Receiver installation:

1. Insert the TireSafe D10E cable into the dash cam's GPS Slot.



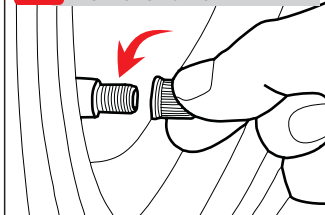
2. To have a better signal, try to install Receiver in the top left or top right of the windshield.



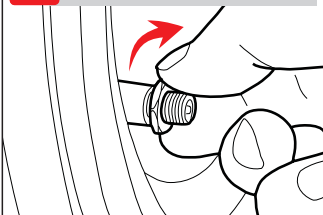
3. Turn on power.
4. On the TPMS Monitor, follow the following steps to install sensors.

## External Sensor Installation

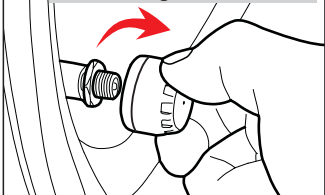
- 1** Remove dustproof cap from tire valve.



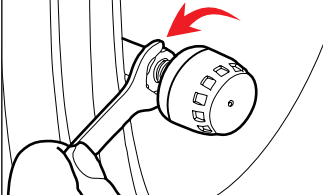
- 2** Fasten the hexagon nut to tire valve.



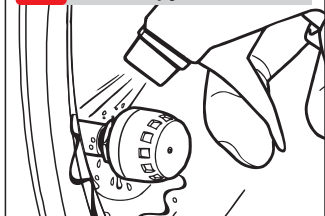
- 3** Fasten the sensor to corresponding tire according to the label.



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



- 5** Check if air is leaking with soapy water.



Display and 4 sensors are already synced with each other. No need sync again after installation.

## Display Functions

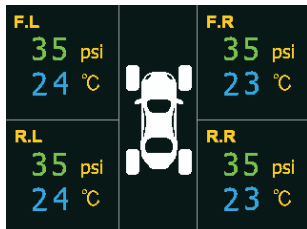
Please install sensors according to the sequences shown in the following images to avoid any errors related to improper display of tire.

### Tire Pressure & Temperature display

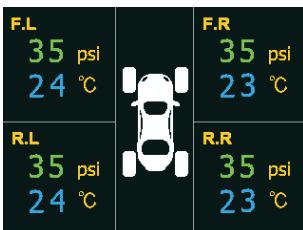
White: Start the car engine, no signal on white word.



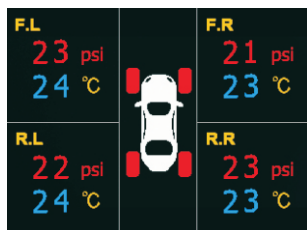
Green: Pressure is normal.



Blue: Temperature is normal.



Red: Warning, please check tire.



**Battery Low**

Red: The battery level is low on 2.0V, please replace battery.



Leakage Warning  
Red: Tire may have been perforated or damaged.



Sensor Disabled  
Red: Sensor may be lost or run out of power.

## TPMS Setting

This product is suitable for use in sedans, SUVs, and sports cars with tire pressures no greater than 60 PSI. The device does not support trucks, tow trucks, large commercial vehicles, or trailers.

You can adjust pressure and temperature alarm values in Settings. Please click / menu/car safety/TPMS.

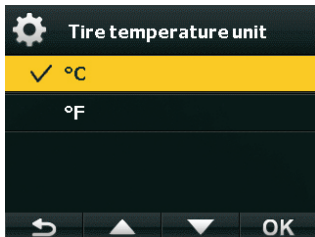
## Tire Pressure Unit Switching

Choose from pressure unit display options (Psi, Bar, or kPa).



## Tire Temperature Unit Switching

Choose from temperature unit display options (°C and °F).



## High/Low Pressure Alarm Value Setting

Manually change high/low settings for pressure alarm. Press UP/DOWN button to adjust the value. (High pressure default setting: 46Psi; Low pressure default setting: 26Psi.)



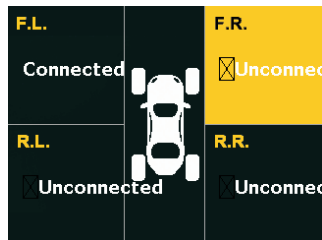
## High Temperature Alarm Value Setting

Manually change high setting for high temperature alarm.  
Press UP/DOWN button to adjust value. (Factory default 149°F.)

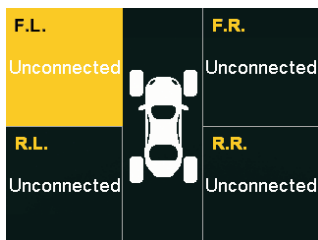


## Senor Code Learning

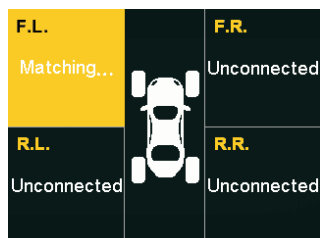
Choose syncing mode. The display shows "F.L. – F.R. – R.L. – R.R" and F.L. yellow icon starts pairing.



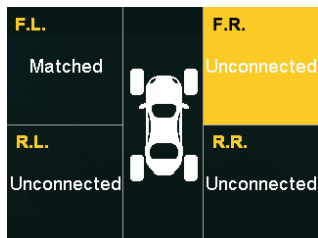
Install F.L. sensor and the display will show "Pairing Success".



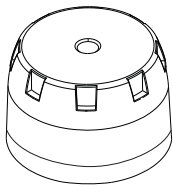
Press UP/SOWN button to choose the tire position, the current icons will show yellow icon when it starts pairing.



If there is more than one sensor that needs to be synced, install next sensor to pair. Then, click "back" button to save.



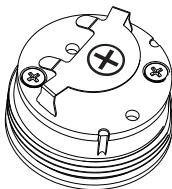
## Enlarged View of Sensor



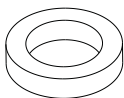
Cover



Button battery Cr1632



Sensor

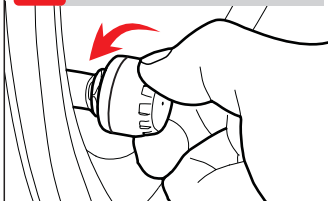


Silicon Seal

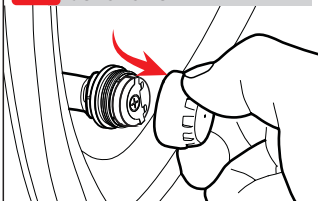
## External Sensor Battery Replacement

\* No need to take out the sensor from tire if it is installed already.  
Unscrew the sensor cover from the valve to replace battery.

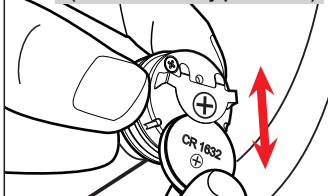
**1** Turn the sensor cover in a counterclockwise direction.



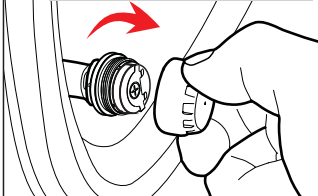
**2** The uncovered sensor is as follows



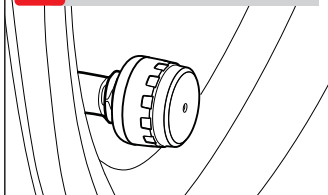
**3** Replace old battery with the new battery.  
(note the battery polarities)



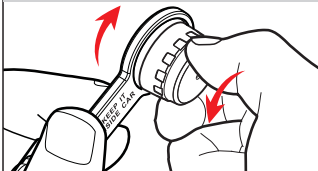
**4** Fasten sensor cover and tighten in clockwise direction.



**5** Battery replacement successful.



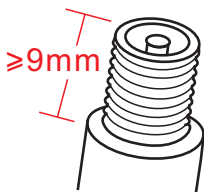
If the sensor is not installed in tire valve, please use the wrench to fix the sensor base, and then unscrew the sensor cover.



## Top Reasons for Leakage in Nonstandard Tire Valves

### Standard Valve

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



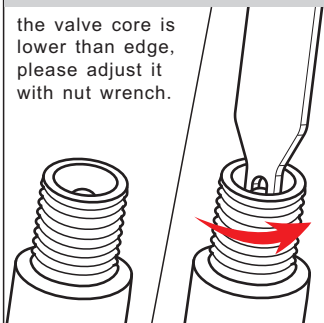
### Reason 1:

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



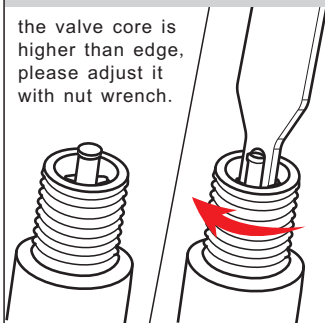
### Reason 2:

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



### Reason 3:

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



## Specification

### Sensor

Sensor Weight: <10g  
Pressure Range: 0Psi ~ 120Psi / 0Bar ~ 8Bar  
Battery Model: CR1632  
Battery Lifetime: >3 years  
Static Current: < 0.7 $\mu$ 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%

### Receiver

Input Voltage: 3.3V  
Operating Temperature: -40 $^{\circ}$ C ~ +85 $^{\circ}$ C  
Operating Humidity: 5 ~ 98%

## FAQ

### Sensor Interface Leakage

It is usually caused by nonstandard tire valve. Please replace it with a standard tire valve.

### Sensor Missing

Please buy sensor from our company and reset it.

### Battery Out of Power

Please replace a new button battery CR1632.

### Tire Position Exchange

After exchanging the tire position, please set the tire position by changing tire position mode.

## Safety Precautions

The system is only suitable for vehicles with tire pressure that is no more than 80 Psi.

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.