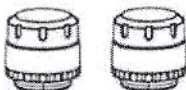


WIRELESS TIRE PRESSURE AND TEMPERATURE MONITORING SYSTEM

Motorcycle TPMS

Instruction Manual



MOTORCYCLE TPMS MANUAL

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1. TPMS MAIN FEATURES

Reduce Driving Risks

It was reported that an astonishing 75% of all running tires in the USA are under-inflated and 70% of fatal traffic accidents were caused by tire blowouts. With a TPMS, drivers are warned of abnormal tire conditions before it becomes dangerous.

Improve Fuel Economy

Today's tire designs make visual inspection of deflated tires very difficult. Very often, a 30% under-inflated tire looks very much like a fully inflated one. A TPMS will make sure your tire pressure is at its proper level. A 9PSI drop in tire pressure will cause approximately 4% increase in fuel consumption.

Prolong Lifetime of Tires

The following table shows a simple relationship between tire pressure and tire lifetime:

Tire Pressure	Tire Lifetime
20% under inflated	30% less
30% under inflated	45% less
20% over inflated	10% less

2. PRODUCT FEATURES

2-1. Monitor Features

- Long battery life.
- Reliable and easy to program.
- LCD displays 2 tires' pressure or temperature simultaneous.
- Configurable high/low pressure warnings.
- Configurable high temperature warnings.
- Vibration, Visible and audible alerts.
- Selectable temperature units (°C or °F).
- Selectable pressure units (PSI, BAR).
- Long range between sensors and monitor.

2-2. Sensor Features

- Reliable cap sensors, easy to install.
- Water resistant.
- Replaceable sensor batteries.
- Fast leakage alert.
- Individually coded sensors.
- Anti-theft design.

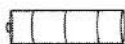
3. SYSTEM COMPONENTS



Monitor



Key-ring



AAA Battery



sensors



water-proof
rubber seal

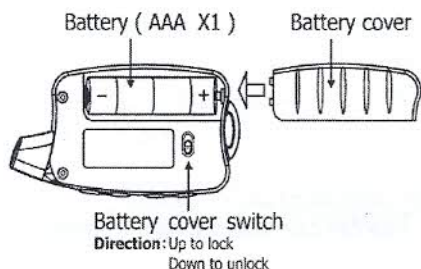
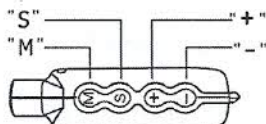


wrench

Item	Q'ty	Item	Q'ty
Monitor	1pc	Wrench	1pc
Sensor	2pcs	Water-proof rubber seal	2pcs
AAA battery	1pc	Key ring	1pc

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3-1. Monitor Components and Icons



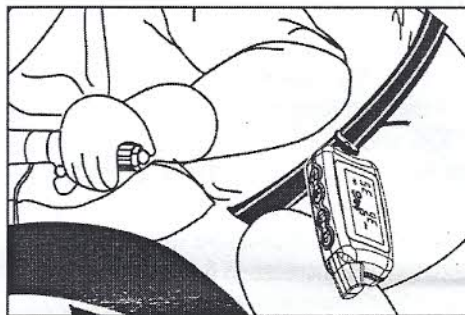
Pressure Unit : BAR or PSI , user-selectable
Temperature Unit : °C or °F , user-selectable

Icon	Description
	Tire Indicator
	Faulty Icon
	Sensor Low Battery Indicator
	Monitor Battery Indicator

4. INSTALLATION

4-1. Monitor Installation

The monitor can be put in the pocket together with the motorcycle key or any other place you like. You do not need to check the tire pressure and temperature if there is no alert while driving. If you need to, please pay attention to the safety when checking tire data while driving.



4-2. Monitor Power on/off Setting

In standby mode, press the button "-" for 3 seconds, the monitor will issue a beep and turn off. The same method can turn on monitor.

4-3. Installtion graph of Sensors

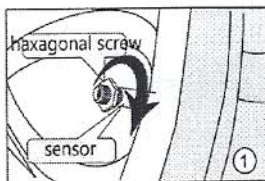
Sensors are coded to the monitor by default, please install the corresponding sensors on tires. Usually 2 sensors coded to the monitor, and are labeled with 1, 2, 1=front wheel, 2=rear wheel. If you forget the coding or there's a mistake in your installation, you can recode.

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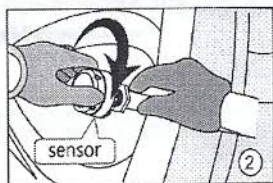
4-4. Sensor Installation:

Attention: please turn on monitor before sensor installation for it to receive sensor data on time.

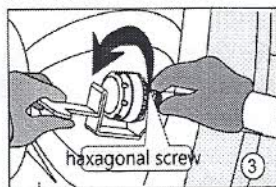
1. First remove the tire valve cap and fix the anti-theft hexagonal screw clockwise.



2. Secondly mount the corresponding sensors on the valve using the wrench.



3. Thirdly wrench the anti-theft hexagonal screw anti-clockwise, so it is difficult to remove without wrench.




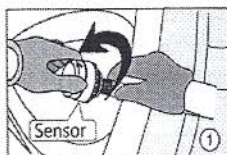
Note:

1. please mount sensors correctly.
2. There will be low voltage alarm if sensor is of low voltage.

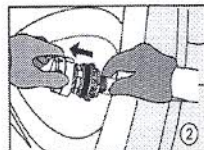
3. After sensor installation, please make sure there is no leakage on tire. You can use soapy water to check.

4-5. Replace sensor battery

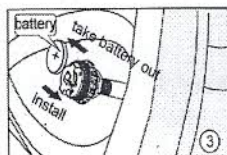
When the sensor low battery icon  shows on the monitor and corresponding tire icon is flashing, you need to replace sensor battery. A CR1632 battery cell is recommended (works at -40°F to 176°F). You can order from your local dealer.



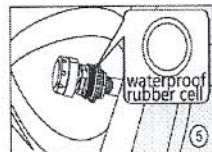
1. Use the supplied wrench to remove the sensor.



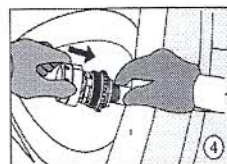
2. Take off the anti-theft housing



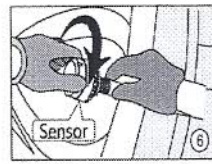
3. Take battery out and change a new one.



4. Check whether the water-proof rubber seal need replace or not.



5. Screw the sensor cap back on.



6. Screw the anti-theft housing cap clockwise.

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5. PARAMETER SETTING

5-1. Factory Parameter

Pressure Unit:	PSI
High Pressure:	43PSI (3.0 BAR)
Low Pressure:	29PSI (2.0 BAR)
Temperature Unit:	°C or °F
High Temperature:	70°C (158°F)

5-2. Factory Default

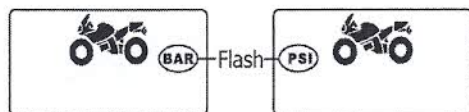
Remove the battery from the monitor, then press button "S" and "+" (don't release) and put the battery back to the monitor at the same time. The factory default settings will be restored.

5-3. Settings Sequence

In standby mode, press the button "M" for 3 seconds until a beep. Press the button "M" will scroll to the next parameter setting, and press button "+" or "-" to select the desired unit or value. Press the button "S" once will store the parameters.

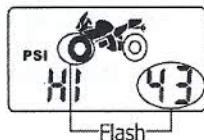
1). Pressure Unit Setting

When the pressure unit icon "PSI" flash, press button "+" or "-" to set the desired unit.



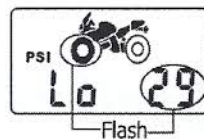
2). High pressure alert in the front tyre

When the front tyre icon and high pressure alert value flash, press button "+" or "-" to set the desired value.



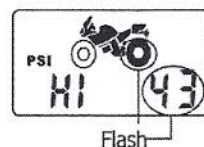
3). Low pressure alert in the front tyre

When the front tyre icon and low pressure alert value flash, press button "+" or "-" to set the desired value.



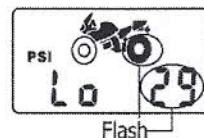
4). High pressure alert in the rear tyre

When the rear tyre icon and high pressure alert value flash, press button "+" or "-" to set the desired value.



5). Low pressure alert in the rear tyre

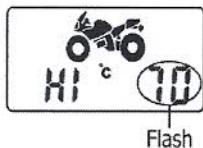
When the rear tyre icon and low pressure alert value flash, press button "+" or "-" to set the desired value.



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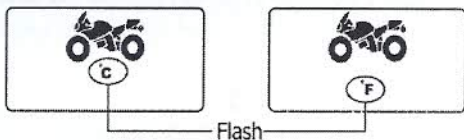
6). Temperature alert setting

When the temperature alert value flash, press button "+" or "-" to set the desired value.



7). Temperature unit setting

When the temperature unit "°C" flash, press button "+" or "-" to set the desired unit.



6. ALERTS

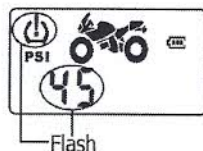
The sensors send pressure and temperature readings to the monitor every 5 minutes, if any reading is out of the pre-defined values, you will notice 4 things:

1. The monitor will vibrate;
2. An audible alarm(Bi..Bi...Bi...);
3. The green backlight will turn on;
4. The corresponding icons on the monitor will flash.

Press any button to switch the alarm, vibrate and green backlight off, the flashing icons will not be turned off until the correct pressure and temperature settings are restored to within range.

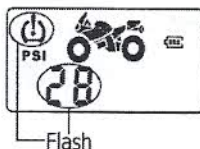
1). High pressure alert

When the tyre pressure is higher than the pre-defined value, for example 45PSI, You will notice 4 things same as page 4 alerts description.



2). Low pressure alert

When the tyre pressure is lower than the pre-defined value, for example 28PSI, You will notice 4 things same as page 4 alerts description.



3). High temperature alert

When the tyre temperature is higher than the pre-defined value, for example 72°C, you will notice 4 things same as page 4 alerts description.

