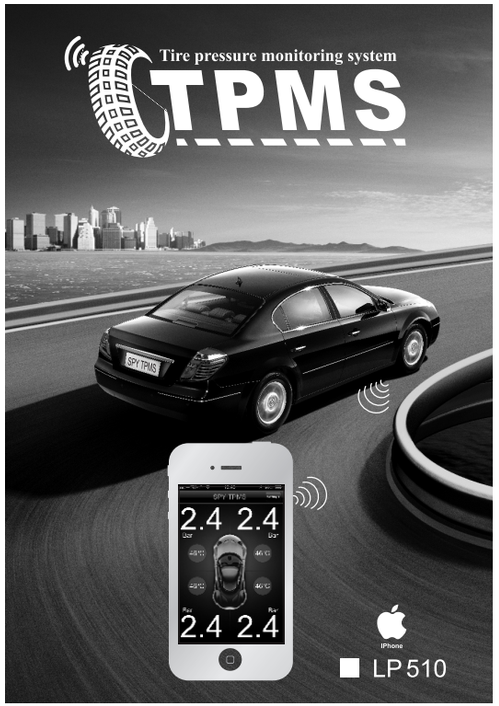
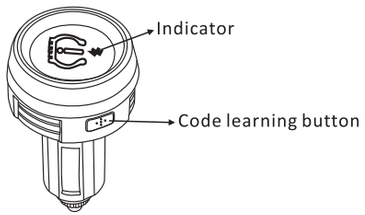


LP 510 Receiver



Function

1.Real-time monitor the tire pressure and temperature when driving.

2.When tire pressure or temperature becomes too high or too low, the system will alarm with sound.

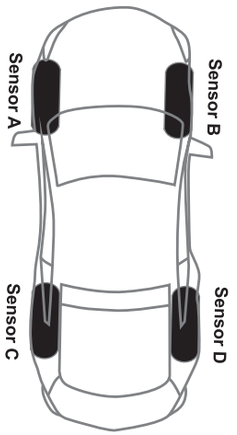
3.Save the fuel oil. Low tire pressure will increase the tire, rolling resistance and also the fuel consumption.

4.Bluetooth transmission. Just open the APP of SPY TPMS, to read the data of tire pressure and temperature.

5.Prevent tire bursting and reduce abrasion; Alarm with slow leakage and monitor tire pressure balance.

Install TPMS characteristics

1. Explosion-Proof Tires: -----Real-time monitoring of tire pressure and temperature.
2. Save fuel: To Maintain -----Save fuel To maintain normal tire pressure, reduce the automobile fuel consumption.
3. Reducing wear -----Insufficient air pressure would cause excessive wear, shorten the service life of the tire.

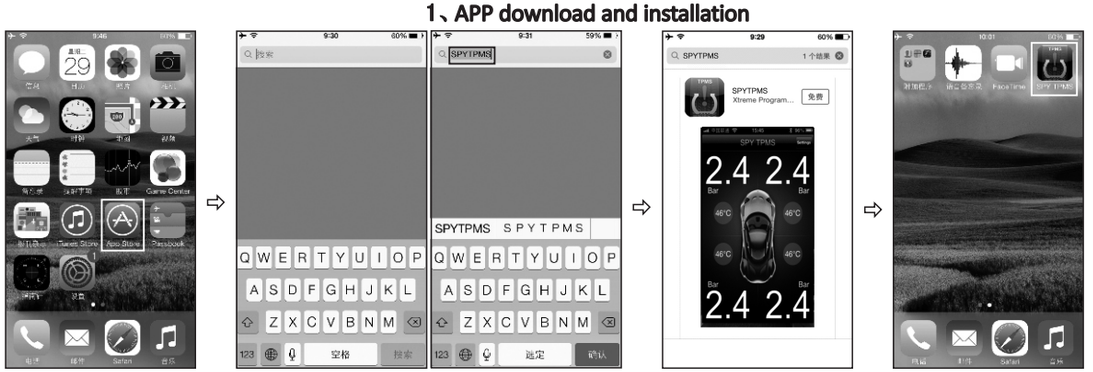


Receiver power supply: ACC 12V

ISO/TS 16949:2009

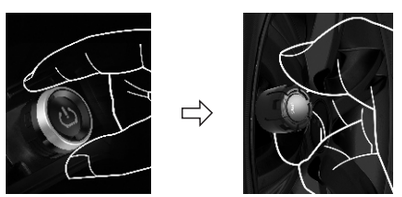
40100000240

1、APP download and installation



Find APP Store → Search "SPY TPMS" → Free download and install "SPY TPMS" → Installation success

2、Receiver and sensor installation



Insert the receptor to the cigarette lighter → Install the exterior sensor

3、Bluetooth matching

Open the Bluetooth of mobile. → Enter the "SPY TPMS" → Touch "Setting" to enter Bluetooth matching → Touch "Sensor" to match Bluetooth. → Make sure the receptor is power on, and then touch the sensor in the interface within 20s to match the Bluetooth. → When matching success, "SPY TPMS" will be showed → Please drive to test whether the data is normal or not.

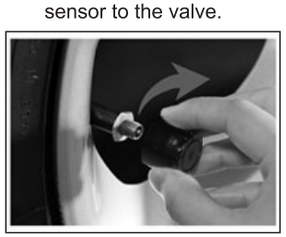
External TPMS installaton instruction

1.Screw out the valve cap

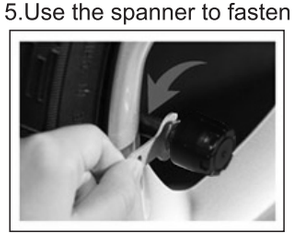
2.Srew in the hex nut

3. Put in the gasket

4.Take the correct sensor, screw and fasten the sensor to the valve.



5.Use the spanner to fasten



6.Check air leakage with soap water

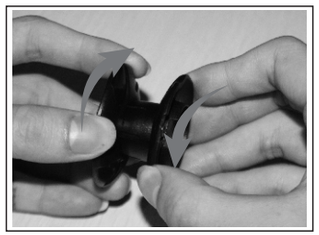
Battery replace

1.Release the hex nut.

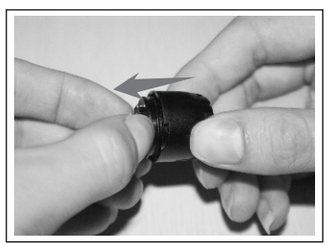
2.Rotate out the sensor

3.Remove the gasket.

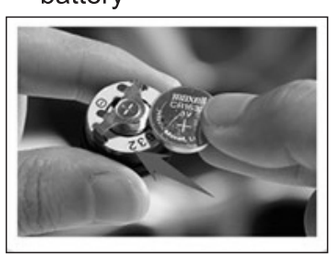
4.Unscrew the sensor shell.



5. Take out the sensor from the shell



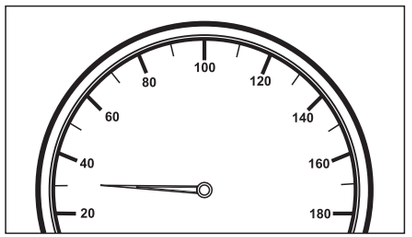
6. Replace a new coin battery



7. Reinstall the sensor

Display refresh.

The system will automatically refresh the display when driving speed over than 20km/h



Data

Display operation voltage:12V±3V
Default alarm value:
High pressure:3.0bar
300Kpar
43.5psi
Low pressure: 2.0bar
200Kpar
29psi
High temperature:68℃

Sensor operation voltage:CR1632 3.0V
Sensor detection range:0KPar-349KPar
0bar-3.5bar
0Psi-50.7Psi

Trouble shooting.

1.Air leakage from sensor connection
It may rise from the nick of the valve. Please change a new valve.
2.Sensor loss
Purchase spare sensor from the manufacturer and match the code.
3.Power exhausted.
Replace it with new CR1632 battery.
4.Tire rotation.
When tire rotation finished, please also move the sensor to the correct tire.
5.Attention
This product is design for the car with tire pressure under 3.5Bar and with 12 voltage power supply. Please do regularly check the tire condition, and make sure there is no puncture, crack, bulge etc. This product is unable to prevent or forecast the sudden accidence that rises from the outside force The battery service life is subject to the travel mileage, and should be using under the ambient temperature between -20℃ to +60℃,tire inside temperature between -40℃ to 125℃.

NOTE: This product is using to detect and monitor the pressure and temperature of car tires. However, it is unable to prevent unexpected accidence that may occur. The manufacturer will not responsible for any lose causing by fault operation.

FCC ID:SY9PLP5101
FCC ID :SY9WST002

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.