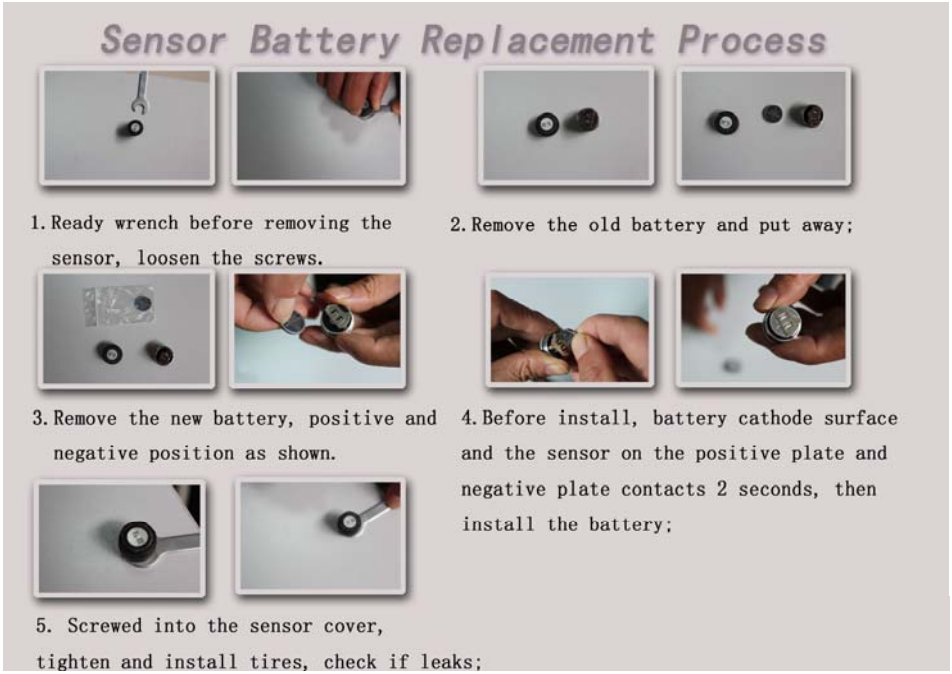
Sensor Battery Replacement Process



TPMS Modules Technical Parameters

1)、Work Voltage：2.1V~3.6V
2)、Pressure measure range：0—550KPA
3)、Temperature measure range：-40℃—125℃
4)、Sensor weight：<10g
5)、Waterproof：IPX67
6)、Work frequence:433.92MHz

TPMS Manual

External sensor

CW100

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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
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.

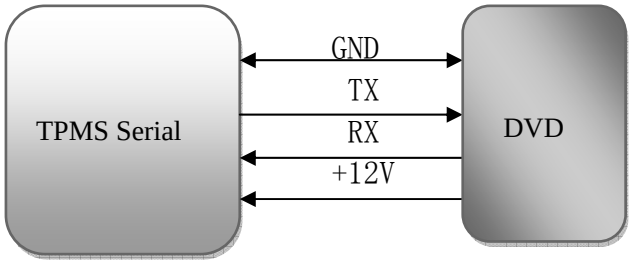
Note

* Before install should study this manual.
* Don’t beat the sensor.
* The system can send light and voice alarm when tire pressure and temperature not normal.

TPMS Work Introduce

System include one TPMS serial and 4 sensors, sensor measure the pressure per 4s, if pressure normal, when the car is in stopping, sensor will send signal per 4 minutes, when the car is in motion, send signal per 1 minutes, if pressure error, sensor send signal per 30s, TPMS serial can send signal to master per 4s, as the TPMS serial message, master judge tire pressure or temperature error, alarm auto.

TPMS receiver introduce



1、 TPMS serial get the sensor signal and send to master;
2、 Voltage is 12V, mater provide power;
3、 12V=Red, RX=Blue, TX=White, GND=Black;
4、 TPMS serial install master above 50cm place.
5、 TPMS serial Communication as the RS232 as the main agreement , Level is TTL level，if need communication with PC，need add the Serial ports change USB or TPMS Receiver add Level change IC, if need, contact factory;
7、TPMS base function，as the data show，low pressure, high pressure, high temperature alarm.ID setting, and some valve setting, need the master done.
8、TPMS serial have two item, one is car 4tire-5tire.one is 6 more tire use.

Sensor ID setting

1. Before shipping, sensor ID and postion have set in TPMS serial, you can install as the sensor postion, no need setting;
2. When sensor need replacement, need use master operate postion tire ID study or ID study manual, then TPMS receiver get into ID study status. then let the change sensor put into leak or Aerated status(or use the tools wakeup senor)this time receiver can use the new sensor ID, and inform the master, master receive the confirm message and inform change ID success.

Sensor instalationl: