



TPMS1

TIRE PRESSURE/TEMPERATURE RECEIPT MODULE

Thank you for choosing a PZR product. The TPMS1 interface is a module for receiving tire pressure and temperature data transmitted wirelessly from the 4 sensors installed in place of the valve cap.

The following values will be received and displayed on the I-Meter X100 display:

- TIRE PRESSURE (Bar - Psi - kPa)
- TIRE TEMPERATURE (°C - °F)
- LOW PRESSURE ALARM
- SENSOR BATTERY LEVEL
- RECEIVED SIGNAL STRENGTH

The TPMS1 interface comes complete with 4 sensors for the vehicle's tires.

If a sensor needs to be replaced due to a breakage, they can be supplied as a spare.

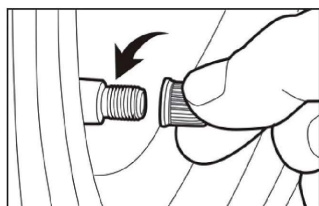
Connect the IN input to the BOX1 interface (if present) using the RJ45 cable supplied with the BOX1 interface. Otherwise, connect the IN input to the OBD1 interface (if present) using the RJ45 cable supplied with the OBD1 interface. Otherwise, leave the input free.

Connect the OUT output to the X100 display module using the RJ45 cable supplied with the TPMS1 interface.

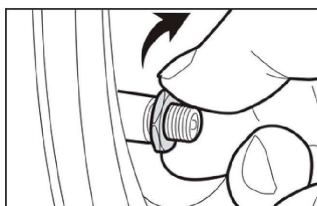
SENSOR INSTALLATION

Each sensor has a unique ID code, so make sure the sensor is installed in the corresponding tire.

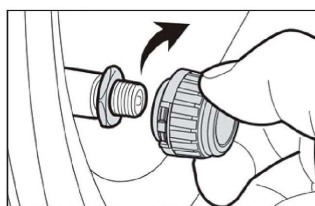
Check that the first digit of the 1-2-3-4 code on the top of the sensor matches the tire, as shown in the image below:



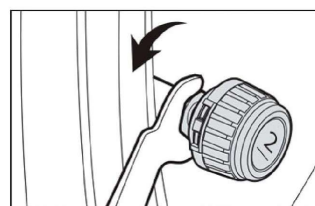
1.Remove the original car's dust cap



2.Install anti-theft nut (clockwise)



3.Install external sensor
(tighten clockwise)



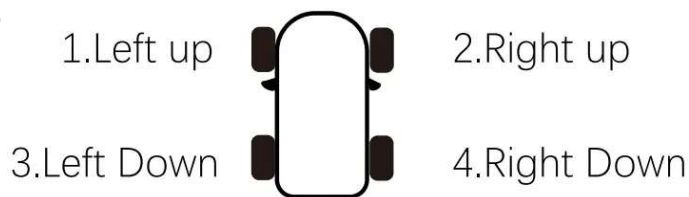
4.Use a wrench to tighten
the anti-theft nut(counter-clockwise)

- Remove the original cap
- Tighten the retaining locknut onto the valve before screwing in the sensor
- Screw in the sensor
- Using the appropriate wrench, loosen the locknut all the way to the sensor to lock the sensor and prevent any loosening.

SENSOR PAIRING

Once the sensors are installed, or whenever a sensor is replaced, you must proceed with the pairing phase, during which the TPMS1 module will store the unique codes for its sensors.

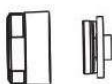
- Turn on the vehicle.
- Press and hold the button on the TPMS1 module for about 10 seconds until the LED starts flashing.
- Drive the vehicle at low speed.
- When all four sensors are detected, the LED will flash 10 times quickly to indicate successful pairing. If pairing is unsuccessful, a faulty sensor may be present or the TPMS1 module may not be receiving all four sensors. In this case, position it in a more central location on the vehicle.
- Remember that this procedure may take 3-4 minutes.



SENSOR BATTERY REPLACEMENT

The batteries last about 2 years. You can check their level on the X100 display and replace them when they reach the minimum level.

- Unclip the protective plastic collar around the thread.
- While holding the nut on the back of the sensor with pliers, gently unscrew the black cap by hand.
- Slide the CR1632 battery out of the sensor.
- Slide the new battery into the sensor with the positive (+) side facing up.
- Check that the O-ring is still in place and screw the black cap back into place. If the O-ring is missing or damaged, replace it. If you don't have a spare O-ring, use Teflon tape.
- Screw the sensor back in.



CR 1632 Lithium Battery



CR 1632 Lithium Battery