

Guide to installing the VMS Touring 7000 Series TPMS (Tyre Pressure Monitoring System)

Bluetooth / TPMS transmitter module

Bluetooth Microphone

Anti-Theft security locks for the TPMS receivers

Bluetooth / TPMS connection to VMS Touring 7000 series unit

Front Left - Receiver + cr1632 coin battery
 Front Right - Receiver + cr1632 coin battery
 Rear Left - Receiver + cr1632 coin battery
 Rear Right - Receiver + cr1632 coin battery

Extension plug, not required



Figure 1

Battery condition / Charge rate indicator
 - Show's battery condition when ignition is switched on without engine running
 - Show's charge rate when engine is running

Current tyre pressure
 Current tyre temperature
 Receiver battery low

Copyright and version info
 TPMS alarm and unit settings
 Pair / Refresh TPMS receivers

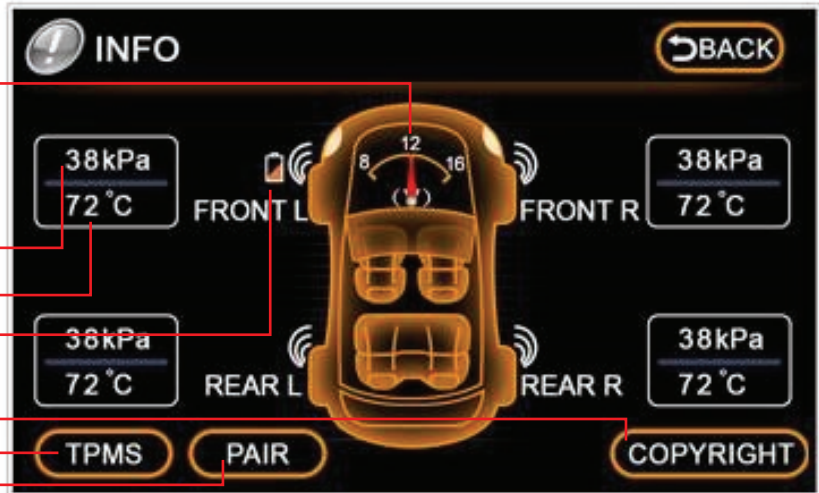
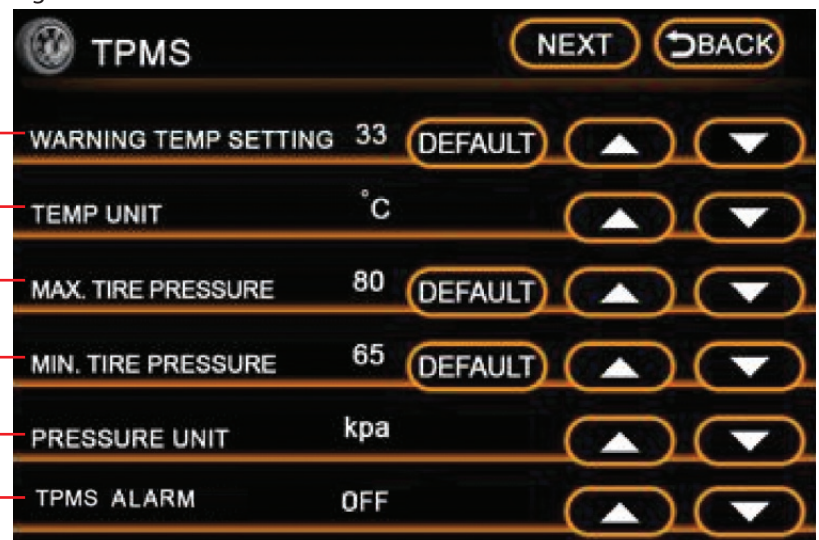


Figure 2

Set alarm warning temperature
 Set temperature unit: Fahrenheit / Celsius
 Set alarm: Maximum tyre pressure
 Set alarm: Minimum tyre pressure
 Set tyre pressure unit: Kpa / PSI
 TPMS Alarm Type: Off / Charm / Ring



STEP 1: TPMS MODULE TRANSMITTER INSTALLATION:

- When installing the TPMS / Bluetooth transmitter, make sure the module transmitter is connected to the back of the VMS Touring 7000 series unit. Refer to the installation guide for more information.

STEP 2: BATTERIES:

- Please ensure the 4 x cr1632 coin batteries included with your kit are inserted into each of the 4 TPMS receivers. Ensure the batteries are (+) side facing up. (Figure 3)

STEP 3 - INSTALLING AND CONNECTING:

- Please remove and store your existing valve caps for each of your vehicles tyre valves. (Figure 4)

- Screw on the TPMS valve revivers to each of your vehicles tyre valves. (Figure 5 & 7)

- while screwing on each TPMS receiver please ensure you can hear the air momentarily release from the valve making a hissing sound.

- If you do not hear this sound the valve pin may not be in contact with the TPMS receiver pin. This may be due to the small variances you find between tyre manufacturers valves. To overcome this issue you can try to file the valves outer rim until it is flush with the inner pin. (Figure 6)

STEP 4 - PAIRING AND TESTING:

- Ensuring the TPMS transmitter has been connected to the VMS Touring 7000 unit, power up the VMS Touring 7000 series from within the vehicle. Access the TPMS Screen by going to the main menu and touching the INFO option. If in range, the TPMS receivers should automatically pair and give you a pressure reading for each tyre. (Figure 1)

- If you are getting a temperature reading but no pressure reading, please check step 3 again and ensure you have a good connection with the tyre valve.

- If you are not getting a temperature or pressure reading, please check step 2 again and ensure the receivers battery is not flat, and is inserted the correct way. Also check the sensor is in range & free from obstructions and interference. If in doubt, unscrew the sensors in question, bring it within close proximity of the Touring 7000 series unit. Check to see if you now get a temperature readout; indicating if the issue is due to a low / dead battery, interference or obstruction.

- If everything looks ok, feel free to finally test if the unit is detecting pressure change by removing the sensor and seeing if it changes the pressure to a zero reading.

STEP 5 - USING THE TPMS:

- To access TPMS info panel, Enter INFO in the main menu, touch TPMS option and switch to the alarm setting interface, in here you can setup the highest alarm temperature and the highest (lowest) alarm tyre pressure. (Figure 1 & 2)

TECHNICAL INFORMATION:

- The life span of batteries: 2 years in usual condition (4hours every day)
- Working condition : -40°~145°
- Working humidity : 100%
- Working frequency : 433.92MHZ
- The monitor range : 0~60 psi

- Tyre pressure error : ± 0.5 psi
- The temperature error : $\pm 0.5^\circ$
- The emitter power : < 5 dBm
- Battery type: CR1632 at 3V
- The weight of sense organ : 11g

Figure 3



Figure 4



Figure 5



Figure 6



Figure 7

