

Bluetooth 4.0 Internal Tire Pressure Monitoring System



Installation and User's Instruction Manual



Beamingnet Bluetooth tire pressure monitoring system features

1. Bluetooth tire pressure monitoring system for smart device (Support iOS/ Android Operating System) is designed to provide real-time monitoring data for all tire pressure and temperature.
2. When the system indicates abnormal tire pressure and temperature data, the Bluetooth receiver will immediately warn the driver with the voice alert or an alarm to prevent the potential risk of puncture.
3. Providing fuel efficiency benefits. When the tire pressure is low, it will directly increase the tire running resistance and thus increase unnecessary fuel consumption
4. Bluetooth technology is designed to send tire data at low-power consumption ; Allowing driver to receive a real-time tire pressure/temperature monitoring data with BT TPMS APP activated
5. To prevent punctured tire and slow tire leakage, the system alerts in order to reduce tire wearing and to maintain tire running balance and eventually to reduce fuel consumption for future environmental protection.

System Requirement

1. Smart mobile device with Bluetooth device 4.0 or above embedded
2. The Android OS 4.3 and/or above; Apple iOS 6.0 and/or above Parameter Specification
1. Bluetooth Receiver Operating Voltage: 12V+/- 3V
2. The default alert data of the Bluetooth receiver
High tire pressure 3.0bar: (43 Psi); Low tire pressure 2.0bar (29 Psi); High temperature: 68 degrees Celsius
Transmitter operating voltage: 3.0V (Battery specifications: CR1632); Transmitter tire pressure data detection range: 0-50Psi (0-3.5Bar)

**Note :Tire Pressure Unit Conversion Reference:
1bar=14.5psi=100kpa=1.02kgf/cm²**

Package Contents:

Installation / User's Instruction Manual



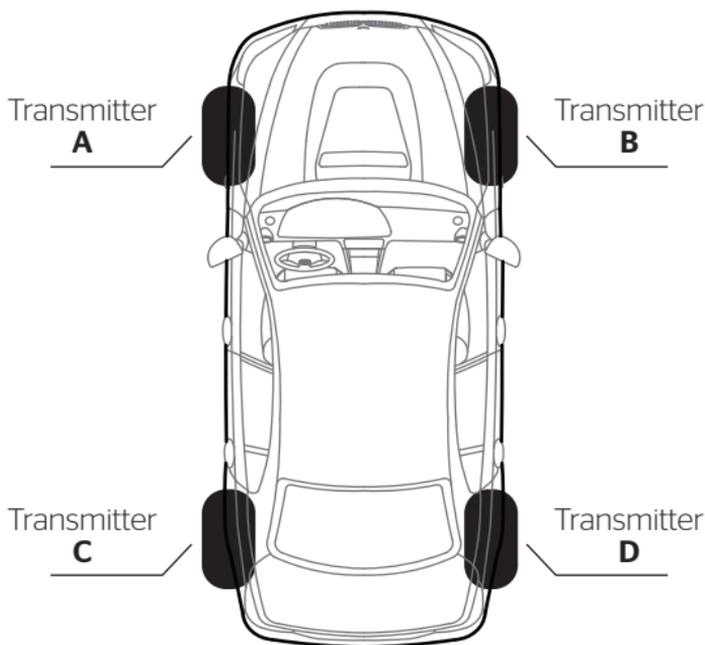
The Bluetooth Receiver Function Introduction



Important Notes before Hardware Installation:

The four tire transmitters are factory pre-paired with the Bluetooth receiver, please follow the instruction below to install the transmitter to its corresponding tire location.

Transmitter Installatio Order Diagram



Please follow the instruction to install the transmitters

1. Transmitter A install to Left-front tire
2. Transmitter B install to Right-front tire
3. Transmitter C install to Left-rear tire
4. Transmitter D install to Right-rear tire

1. Hardware installation instructions

1.1 Bluetooth receiver

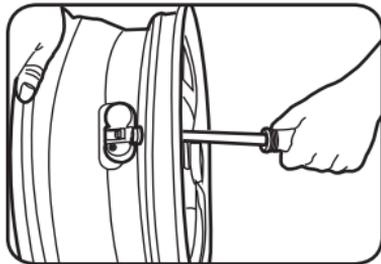
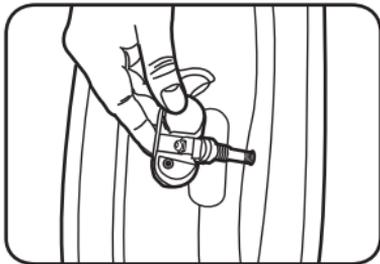
1. Plug the recommended Bluetooth receiver in the second/alternate cigarette lighter socket (Normally it is located near or inside the central armrest), you can then have the major cigarette socket reserved for other 12V external car device such as chargers.
2. The receiver will indicate with a blue light when it is functioning normally.

Note: Bluetooth receiver is a wireless product and it may be interfered by other devices with electromagnetic impact. Please keep away from the source with potential electromagnetic interference.

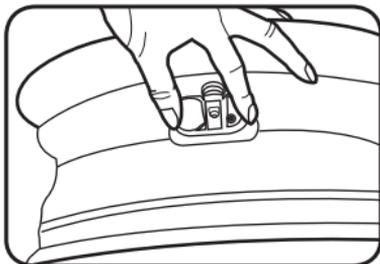
1.2 Hardware installation instructions (tire inner transmitter)

Note: Please contact your tire professional vendor to install.

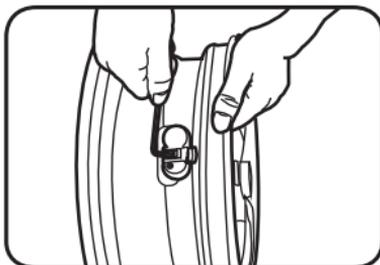
1. Remove the original valve and install the transmitter assembly (Sensor + titanium alloy valve) to the wheel and make sure that the transmitter is well attached to the wheel's inner surface.
2. Lock the transmitter titanium alloy valve by screw sleeve.



3. Put the transmitter on the wheel and make sure once again that the transmitter part is well attached.



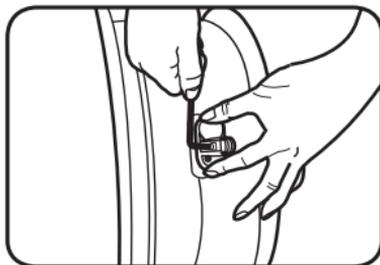
5. Ensure that the transmitter is not loose, do not over tighten the screw.



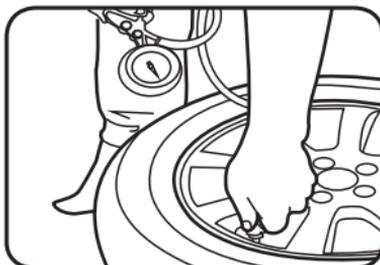
7. Installation is completed.



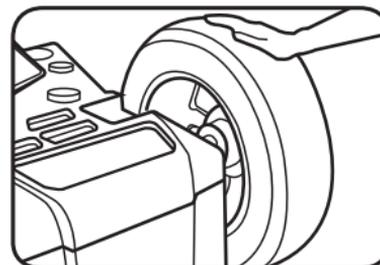
4. Hold and press the transmitter housing and then lock the screw behind the transmitter with a hexagonal screwdriver.



6. After transmitter assembly is installed, please refill the air into the tire in accordance to the factory recommend values. (The factory recommended tire pressure value is normally stated to the bottom of the door B-pillar. The location of the label may vary from different auto brand and model.)



8. Please seek professional tire workshop for TPMS installation and make sure that a balance check is performed in order to secure driving safety.

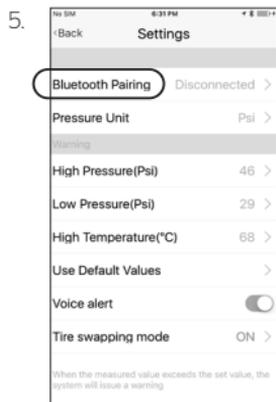


1.3 Free APP download and installation instructions

1. Please search for "BT TPMS"  in Google PLAY for Android and Apple App Store for iOS devices respectively.
2. This APP is free for downloads, please follow the instructions on your smart device to download the BT TPMS APP.
3. After App is successfully downloaded, click the icon  to establish the connection between your smart device and the Bluetooth receiver

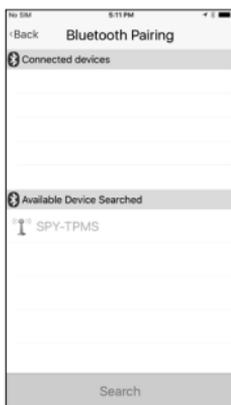


Tap APP to start, you will see that all tire pressure and temperature data are 0. Please tap on the Bluetooth icon to begin the connection.



Click the “ **Bluetooth Pairing**” for connection

4.



Searching for SPY-TPMS and tap to connect the Bluetooth in order to complete the Bluetooth connection. The Bluetooth tire pressure monitoring system will start to refresh the data information with driving speed over 25 km/h.

6.



The default unit of the tire pressure is in Bar, however you can select your own pressure unit as Psi at your preference.

7.



You can follow professional tire dealer's instructions on the pressure and temperature or you can just simply use the default alert built-in.

8.



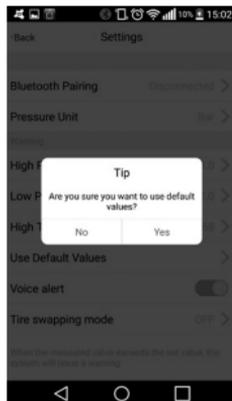
"Voice alert" function is default at activation, you can always switch ON or OFF according to your preference.

9.



Tire Swapping Mode function is available to help you to match your tire data when switching your tire from the front to the rear. After Tire Swapping Mode is activated, please go back to the Home page of the APP.

10.



Place and hold any of your two fingers on the tires you swapped (For example: Left-front & Left-rear Tires) at the same time for approximately 5 seconds until your smart device vibrates and show a dialogue box in order to process the tire swapping request.



On the Tire Swapping Mode page, there is a Restore button to help you restore tire information to its preset corresponding tire location.



Reset button, this button will only be revealed when the system has detected abnormal tire pressure/temperature. Please seek professional tire specialist immediately for examination checks for the tire that has been alerted. When the issue has been removed, please tap on the Reset button in order to refresh previous system data.



When the vehicle is turned off, the mobile phone would show the APP disconnection time message in order to notify driver the updated connection status

Read Before You Start (Important notices)

1. When the system detects a quick tire air leakage problem, the system emits a continuous "beep" sound to alert the driver for the potential risk of punctured tires.
2. The factory recommended tire pressure value is set between: 32-34 Psi (2.2-2.3 Bar) in summer and 35-38 Psi (2.4-2.6bar) in winter.
3. It is normal when the tire pressure and tire temperature data show an increased value after driving.
4. Please follow road safety regulations and speed limits when driving.
5. After the system is installed, you need 10-15 minutes to refresh the tire pressure and the tire temperature data on your APP page. The data refreshing time varies from different smart device brand and operating systems.
6. Press HOME button if you wish to use other APP and keep your BT TPMS APP on at the same time. This will put the APP to the "back stage" of your phone and your smart device will still stay connected to your Bluetooth receiver.
7. To exit from the APP, please tap "Back" for Android system and double click on the Home button for iOS system to slide the APP off on the phone. This will disconnect your smart device with Bluetooth receiver and the voice alert will also be turned off at the same time.
8. This Bluetooth tire pressure monitoring system provides only a subsidiarity tool to monitor tire pressure and tire temperature data information as reference. The system does not prevent any possible risk of accident from occurring. Also, He Tian Technology is not responsible for any relevant loss caused by improper operation.
9. To ensure driving safety and protect other road users, please do not operate TPMS system while driving.

Re-Pairing your transmitter codes to the Bluetooth Receiver

Tire coding learning steps for internal tire pressure monitor (TPMS) are available on Support & Down load of Beamingnet official website, www.beamingnet.com



www.beamingnet.com

HE TIAN TECHNOLOGY CO., LTD

30F.-B1, No.238, Shizheng N. 2nd Rd., Xitun
Dist., Taichung City 407, Taiwan (R.O.C.)
Tel: 04-2254-1327 Fax:04-2254-1325

賀田 科技有限公司

地址: 台中市西屯區市政北二路238號30樓B1
電話: 04-2254-1327
傳真: 04-2254-1325

service@beamingnet.com