



BLAUPUNKT Tire Pressure Monitoring System User Guide

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BLAUPUNKT

TIRE PRESSURE
MONITORING SYSTEM
TPMS 3.0



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Operating and Installation Instructions

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CAUTIONS

Safety Notes

This TPMS (Tire Pressure Monitoring System) has been manufactured according to established safety guidelines. However, dangers may still occur if the safety notes in this manual is not observed. This manual is intended to familiarize the user with the TPMS's important functions. Read this carefully, prior to using the appliance. Keep this manual in an easily accessible location. In addition, do observe the instructions of the devices used in conjunction with this appliance.

Road Safety

Always observe the following notes for road safety:

- Device must be used in a way that compliments the safety of the user when driving the vehicle. It is recommended for the user to park at an appropriate location when examining the tires in case of abnormal alert.

General Safety

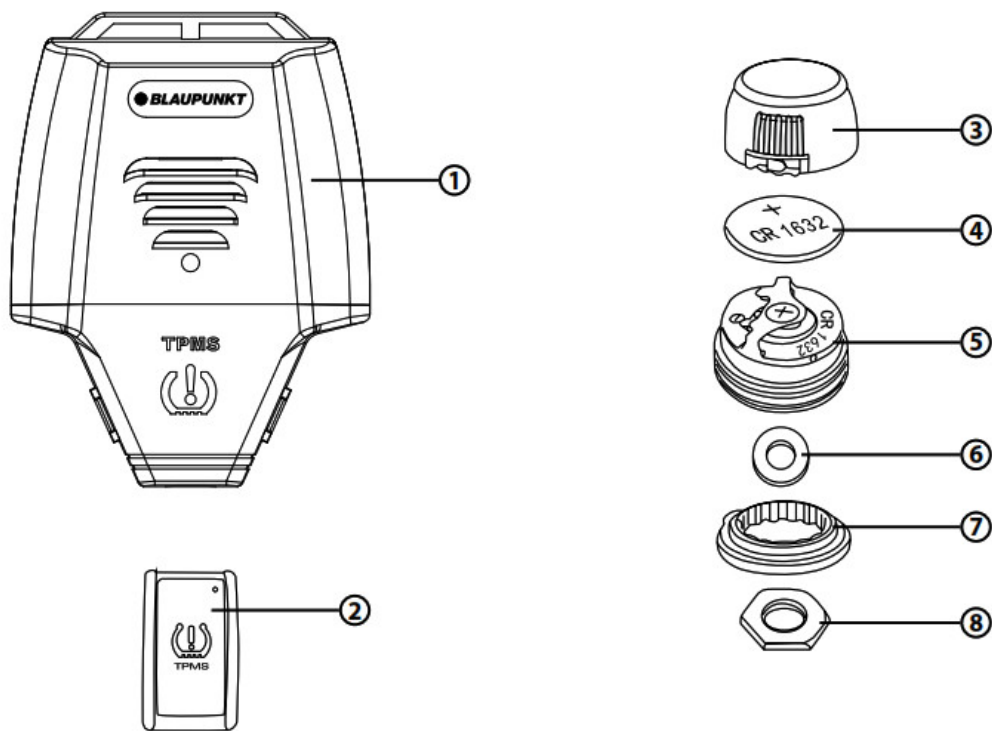
- Device is intended for installation and operation in a vehicle with 12V vehicle system outage, hence the device must be installed 300mm away from the head unit to prevent signal disruption.
- Do not dismantle or modify the device. Installation or repair should be performed by a specialist. Blaupunkt is not liable for any loss or damage resulting from unauthorized disassembly or modification to the device.
- Device is compatible with car radios with rear camera input.
- Device is designed to monitor tire pressure and temperature only. Driver is responsible for the upkeep of the tires.
- Blaupunkt is not liable in case of loss of sensors. Contact your Blaupunkt dealer to purchase new sensors.
- Package comes with pre-set sensor for designated tires. In case of sensor replacement or change of sensor location, ensure the sensor are reprogrammed before operating.
- Please do not operate the device under such conditions (extremely high temperature or extremely low temperature); ensure that the temperature within the car ranges from -20°C to 80°C before you begin installation process and during operation.
- For abnormalities, please refer to the "Troubleshooting" section. Consult with Blaupunkt dealer for further examining, in case if the problem cannot be resolved.

This manual may be updated from time to time without any notice.

Disclaimer

In no event shall Blaupunkt be liable for any direct, indirect, punitive, incidental, special consequential damages to property or life and whatsoever arising out of or connected with the use or misuse of our products. USA & CANADA: This product is not intended for sale in the United States and Canada. If purchased in the U.S. or Canada, this product is purchased on as-is basis. No warranty, whether expressed or implied is provided in the U.S. or Canada.

STRUCTURE & FUNCTIONS



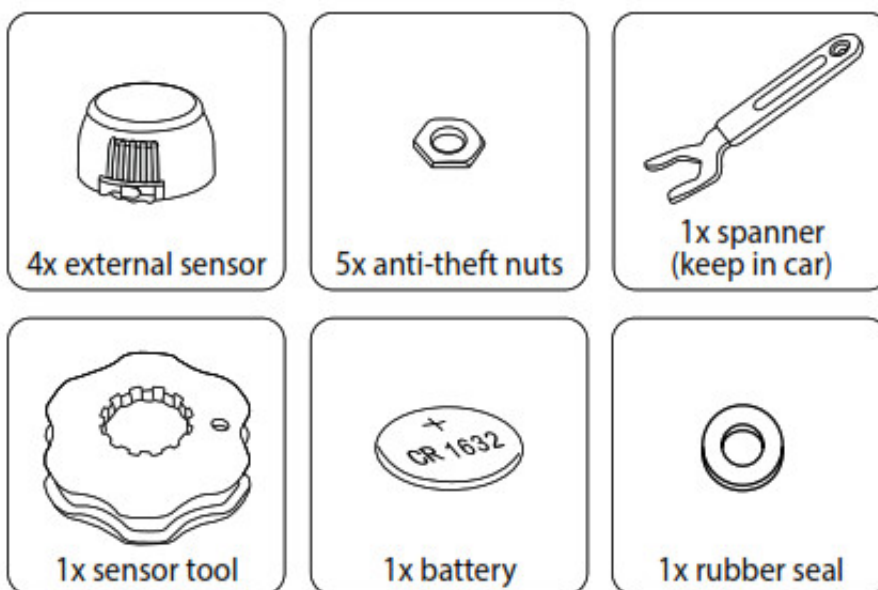
Functions

1. Receiver	4. Battery	7. Washer
2. Remote Button (Battery Included)	5. Sensor (Battery Included)	8. Hex Nut
3. Sensor Cover	6. Rubber Seal	

SPECIFICATIONS

Sensor	
Operating frequency	433.92 ± 0.05MHz
Battery voltage	2.2V ~ 3.3V
Battery lifetime	1-year
Operating temperature	-20°C ~ 70°C
Pressure range	0~3.5 Bar / 0~50 PSI
Receiver	
Operating current	<200mA
Operating frequency	433.92± 0.05MHz
Operating voltage	+12V
Operating temperature	-20°C ~ 70°C
Default Value	
High pressure value	3.0 Bar / 43 PSI
Low-pressure value	1.8 Bar / 26 PSI
High-temperature value	68°C
Precision	
Temperature	+/-2°C
Pressure	0.1 Bar / 1.5 PSI
Air pressure unit	1 Bar = 14.5 PSI = 100 Kpa = 1.02Kgf/cm2

Accessories

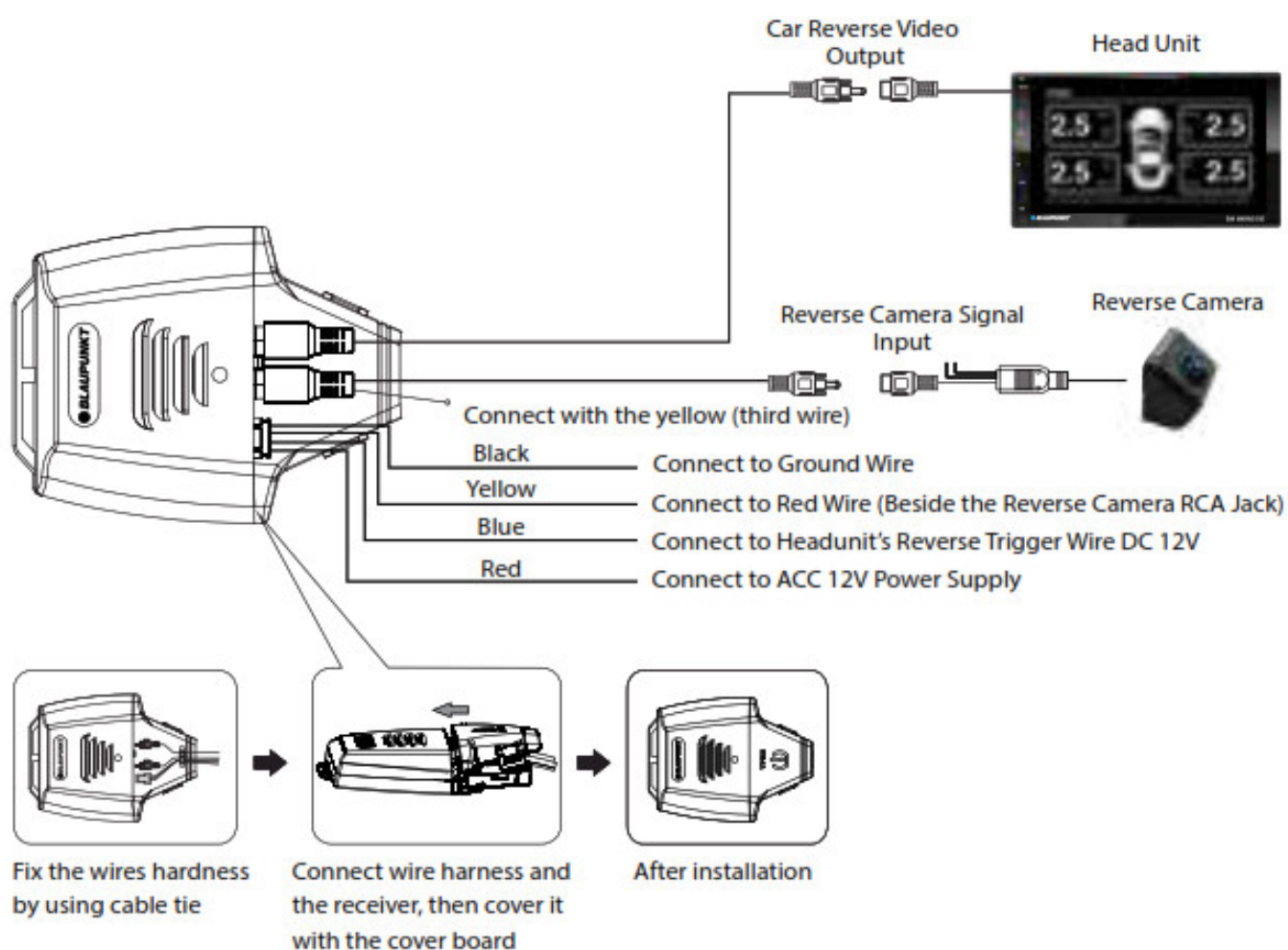


TROUBLESHOOTING

If any of the following problem occur, please resort to Troubleshooting for the possible solutions. Consult Blaupunkt authorized dealer if problem persist.

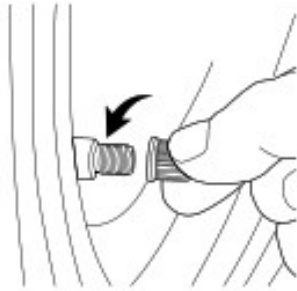
Problems	Solutions
Air leakage after sensor installation	The tire valves may not be universal standard, please check with the local workshop.
No tire data are displayed after completing installation	Ensure ACC is turned on.
Missing or lost sensor	Please purchase new sensor.
Sensor battery low	Please replace with battery CR1632.
Change of tire location	Please reprogram the corresponding sensors.

RECEIVER INSTALLATION WIRING DIAGRAM

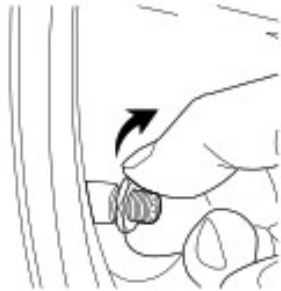


SENSOR INSTALLATION

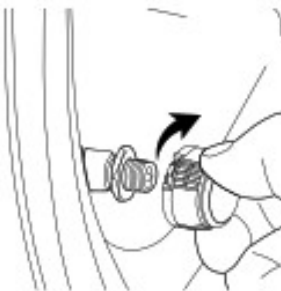
1. Remove the valve cap.



2. Screw in the nut.



3. Screw on the sensor.



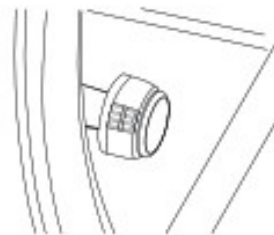
4. Tighten up the nut to the sensor by using the spanner.



5. Spray soap water on the nozzle to check for leakage problem.



6. Clean the area before using it.



SENSOR BATTERY REPLACEMENT

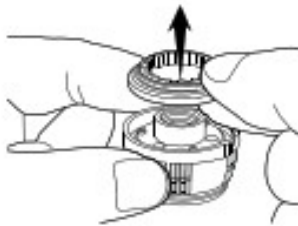
1. Unscrew the nut.



2. Unscrew the sensor.



3. Remove the washer.



4. Unscrew the sensor cover by using sensor tool.



5. Replace new battery.



6. Refer to "Sensor Installation" steps.

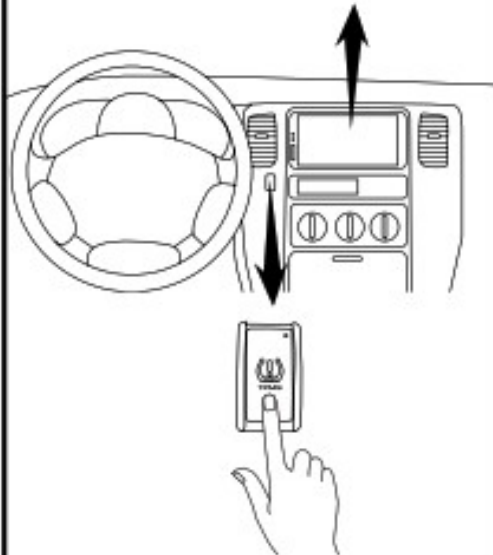
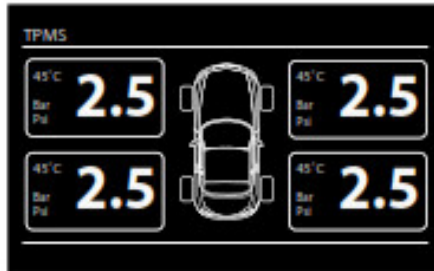


OPERATION INSTRUCTION

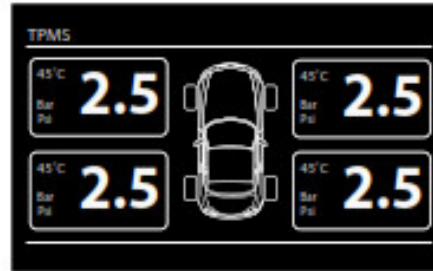
1. Tear off the 3M tap on the back of remote button and paste it near to the driver's seat.




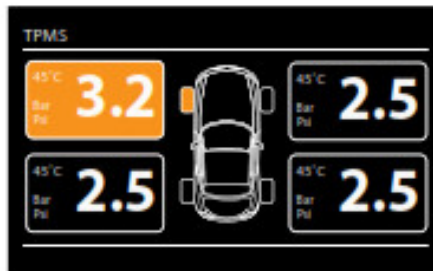
2. Tire pressure data will be displayed, if the button is pressing.





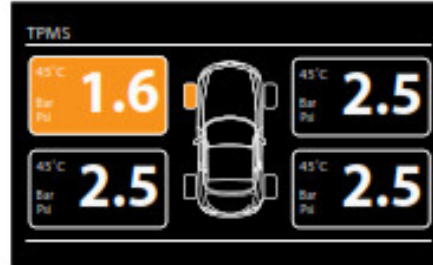
1. **Normal**
 - Displays real time tire pressure of 4 tires.



2. **High Pressure**
 -  Bi- Bi- Bi-




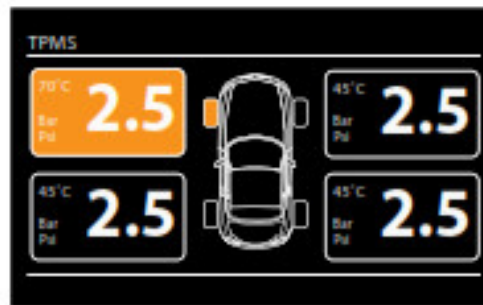
3. **Air Leakage**
 -  Slow : Bi- Bi- Bi-
 -  Fast : Bi- Bi- Bi- Bi-



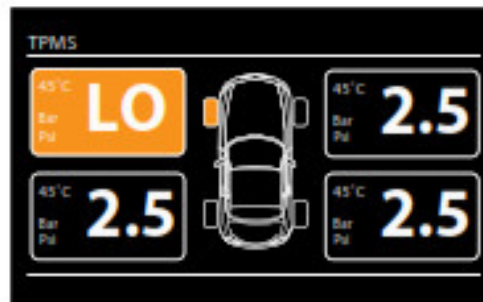
DIFFERENT SCENARIO

4. High Temperature

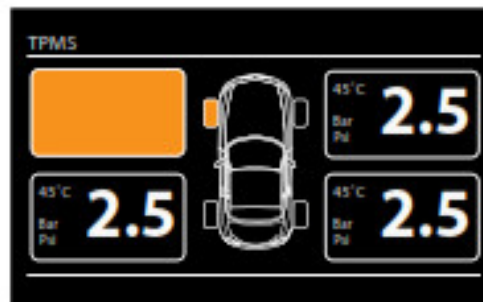
*  Bi- Bi- Bi-



5. Low Battery

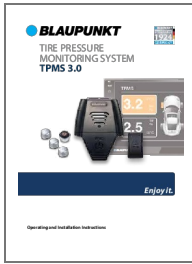


6. Sensor Failure



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Documents / Resources



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Tire Pressure Monitoring System, TPMS 3.0