

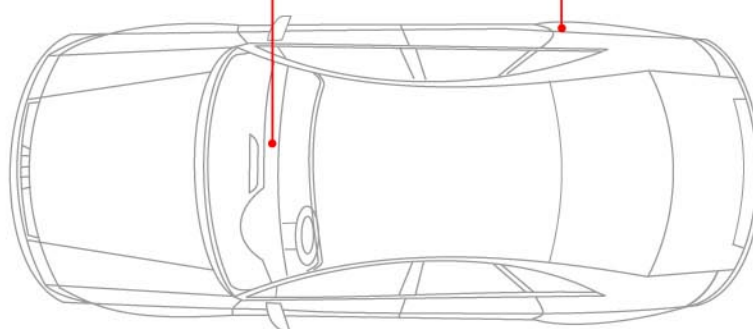
Complete DIY
design combines
flexibility and
convenience,
Innovation
leads the trend

After market

1209W03

Tire Pressure Monitoring System

After Market



General Description

TPMS1209W03 is an aftermarket model, designed for cars, off-road and commercial vehicles. The system consists of flip-cover monitor on dashboard and screw-on transmitters, which make it an ideal choice for customers with sense of fashion and simplicity.

Product Functions

Alarm Functions

- ⚠️ **Low Pressure Level 1 Alarm** issued when tire pressure is 12.5% lower than the standard pressure
- ⚠️ **Low Pressure Level 2 Alarm** issued when tire pressure is 25% lower than the standard pressure
- ⚠️ **Low Pressure Level 3 Alarm** issued when tire pressure is 50% lower than the standard pressure
- ⚠️ **High Pressure Alarm** issued when tire pressure is 25% higher than the standard pressure
- ⚠️ **Fast Leak Alarm** issued when pressure inside the tire drops more than 3psi within 12s
- ⚠️ **Transmitter Trouble Alarm** issued when transmitter fails to work or there is RF interference
- ⚠️ **Warning of Low Battery Power** issued when battery inside monitor has low power

Operation Functions

- Switch Power Supply Mode Automatically:** dual power supply modes, rechargeable battery and vehicle power through a lighter plug can be switched automatically to ensure full-time monitoring
- Sleep Mode:** the monitor will enter sleep mode for power saving when vehicle is static
- Transmitter ID Programming:** transmitter ID can be programmed for easy replacement
- Standard Pressure Programming:** standard pressure for each tire can be programmed on monitor

Product Features

- ◆ Monitor installs on dashboard, adjustable LCD display for easy screen view
- ◆ Large LCD with all needed information displayed
- ◆ Dual power supply modes with lighter plug and batteries for customer's choice
- ◆ Light and small external transmitter, easy for installation
- ◆ High-performance materials to ensure transmitters work properly under rough environment
- ◆ DIY design for easy and simple installation
- ◆ Suitable for various cars, off-road and commercial vehicles

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Parts

Monitor

- ◆ Flip-cover type monitor, adjustable viewing angle of LCD display
 - ◆ Large LCD with all needed information displayed
 - ◆ Display with backlight for easy view at day or night
 - ◆ Dual power supply modes with lighter plug and batteries for customer's choice
 - ◆ Easy button operation for programming and inquiry of functions
- Mid-frequency: 434.1MHz
Receiving Sensitivity: -95dBm
Input Voltage: 1.2V X 3
(Rechargeable Battery) 5V (Lighter Plug)
Operating Temperature: -30℃ ~ +75℃
Dimension: 90x84x86mm



Transmitter

- ◆ Transmitter with delicate design, easy to install
 - ◆ High-performance material with good durance, high pressure and temperature resistant
 - ◆ Water-proof and resistant to oil and dust etc
 - ◆ High precision monitoring of tire pressure and quick response
 - ◆ Screw on tire valve without dismounting tire when install
 - ◆ Security lock for safe use
- Mid-frequency: 434.1MHz
Transmitting Power: 0dBm
Pressure Monitoring Range: 0~6bar/0~87psi
Pressure Monitoring Precision: ±0.1bar/±1.5 psi
Operating Temperature: -40℃ ~ +85℃
Battery Life: 3~5 years
Dimension: Φ27x21.5mm



Dual Power Supply Modes

Lighter plug and batteries. Monitor can switch the 2 modes automatically to ensure monitoring of pressure anytime, safe and convenient.

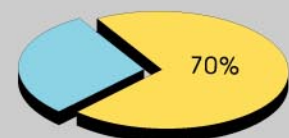


Benefits of Car TPMS to Customers

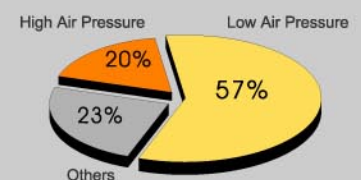
- ◆ Prevent tire bursting, reduce hidden danger on tire safety
- ◆ Reduce tire wear, extend tire life
- ◆ Reduce fuel consumption and lower vehicle operation costs for the enterprise
- ◆ Reduce pollution of exhaust gas to the environment, promote environmental protection
- ◆ Reduce the non-normal wear and tear of vehicle shock absorber, suspension parts and other related parts
- ◆ Keep tires under normal pressure, improve ride comfort of vehicles
- ◆ Maintain normal braking effect, reduce occurrence of accidents

Benefits for Distributors

- ◆ Enlarge the product ranges, enrich types of products of profitability
- ◆ Highlight the business sense of distributing automobile accessories, upgrade the level and image of store
- ◆ Enhance corporate brand image on safety and driving comfort



▲ Traffic accidents caused by tire bursting



▲ Tire bursting factors