

Slim monitor
and tiny
transmitter,
innovation in
technology,
indication of
TPMS prospect

After market

1209C01

Tire Pressure Monitoring System

After Market



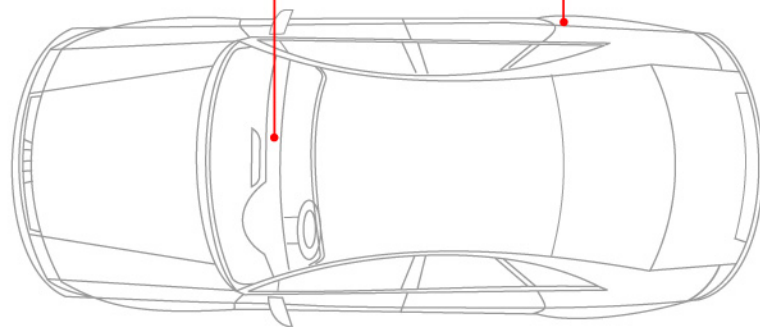
Monitor Installation



System Group Parts



Transmitter Installation



General Description

TPMS1209C01 is an aftermarket model, designed for cars, off-road and commercial vehicles. The system consists of small & light transmitters, flip-cover type & streamline monitor. Perfect DIY design, complete in functions, stable and reliable in performance. The system can be used on four-wheel car, and also can be used for car towing a trailer with all 6 tires monitored. The system is an ideal choice for customers who pursue the exquisite and security of life.

Product Functions

Alarm Functions

- 🔥 **High Temperature Alarm** issued when tire temperature exceeds 75°C
- 📉 **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 Inquiry:** transmitter ID can be programmed for easy replacement
- Alarm Record Programming:** automatically record the latest 10 alarm records
- Standard Pressure Programming:** standard pressure for each tire can be programmed on monitor

Product Features

- ◆ Flip-cover type monitor, adjustable viewing angle of LCD display
- ◆ Dual power supply modes with lighter plug or batteries
- ◆ Light and small transmitter, easy to install
- ◆ Transmitter adopts high-performance materials, suitable for application in various environments
- ◆ DIY design for easy and simple installation
- ◆ Suitable for various cars, SUVs and commercial vehicles



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Parts

Monitor

- ◆ Delicate design of slim body
- ◆ High quality surface processing
- ◆ Adjustable viewing angle for easy view
- ◆ Can be placed at various positions in the vehicle
- ◆ Color well matches the vehicle interior decoration
- ◆ Perfect layout of buttons
- ◆ Large LCD with all needed information displayed

Mid-frequency: 433.9MHz
Receiving Sensitivity: -95dBm
Input Voltage: 1.5V X 2(Battery)
5V(Lighter Plug)
Operating Temperature: -30℃~+75℃
Dimension: 92x69x20mm



Transmitter

- ◆ Light&small transmitter, easy to install, weight less than 9 grams
- ◆ 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
- ◆ Monitoring of spare tire upon request

Mid-frequency: 433.9MHz
Transmitting Power: -10dBm
Pressure Monitoring Range: 0~6bar/0~87psi
Pressure Monitoring Precision: ±0.1bar/±1.5 psi
Operating Temperature: -40℃~+85℃
Battery Life: 2 years
Dimension: Φ20.5x20.5mm



Dual Power Supply Modes

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

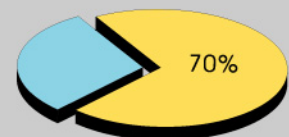


Benefits of Car TPMS to Customers

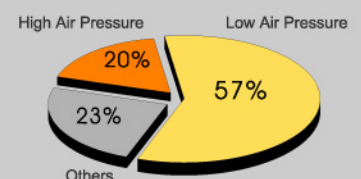
- ◆ Prevent tire bursting, reduce hidden danger on tire safety
- ◆ Reduce tire wear, extend tire life
- ◆ Reduce fuel consumption and lower vehicle operation costs for the enterprise
- ◆ Reduce pollution of exhaust gas to the environment, promote environmental protection
- ◆ Reduce the non-normal wear 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