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› Tymate RV Tire Pressure Monitoring System - M12-3 Tire Pressure Monitor System (0-87 PSI) with Solar Charge, 5 Alarm Modes, Auto Sleep Mode, LCD Display, RV TPMS with 4 Sensors, Easy to Install 4-Sensors

Tymate Tymate M12-3 black

Tymate RV Tire Pressure Monitoring System M12-3 User Manual

Model: Tymate M12-3 black | Brand: Tymate

1. PRODUCT OVERVIEW

The Tymate RV Tire Pressure Monitoring System (TPMS) is designed to provide real-time monitoring of your vehicle's tire pressure and temperature, ensuring safer driving conditions. This system helps prevent tire-related accidents by alerting you to abnormal tire conditions.



Figure 1: Tymate RV TPMS Monitor and 4 Sensors

The system includes a main monitor unit and four external sensors. The monitor features a clear LCD display and is powered by both solar energy and USB charging.

2. WHAT'S IN THE BOX

Your Tymate RV TPMS package contains the following items:

- Monitor (1 pc)
- Sensors (4 pcs)
- Anti-Slip Pad (1 pc)
- USB Cable (1 pc)
- Hex Wrench (1 pc)
- Spare O-Ring (4 pcs)
- Hex Nut (4 pcs)
- Replacing Battery Tool (1 pc)
- User Manual (1 pc)

For a visual guide to the package contents, please refer to the unboxing video below.

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Official unboxing and overview of the Tymate Tire Pressure Monitoring System.

3. SETUP GUIDE

3.1 Monitor Setup

The monitor can be charged via its integrated solar panel or through the provided USB cable. Ensure the monitor is fully charged before first use.



Figure 2: Monitor with Solar Panel and USB Charging Port

Place the monitor appropriately on your dashboard, ensuring it does not obstruct your view while driving. The anti-slip pad can be used to secure it in place.

3.2 Sensor Installation

Follow these steps to install the external sensors on your tires:

1. Unscrew the valve cap from the tire valve.
2. Screw on the hex nut onto the valve stem.
3. Place the washer onto the valve stem.
4. Screw the sensor onto the valve stem.
5. Tighten the hex nut against the sensor using the provided hex wrench to secure it.
6. Check for air leakage by spraying soapy water around the valve stem and sensor connection.



Figure 3: Step-by-step guide for sensor installation.

For a detailed visual guide on sensor installation and removal, please watch the video below.

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Video demonstrating the installation and removal of Tymate TPMS sensors.

3.3 Sensor Pairing

The system typically auto-pairs upon installation. If manual pairing is required, refer to the video below for the M12-3 sensor pairing guide.

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Video guide for pairing M12-3 sensors.

4. OPERATING THE SYSTEM

4.1 Display Features

The monitor's auto-adjustable backlight ensures clear data visibility in various lighting conditions. It enters a sleep energy-saving mode after 10 minutes of vehicle inactivity and automatically wakes up

when the car is turned on.

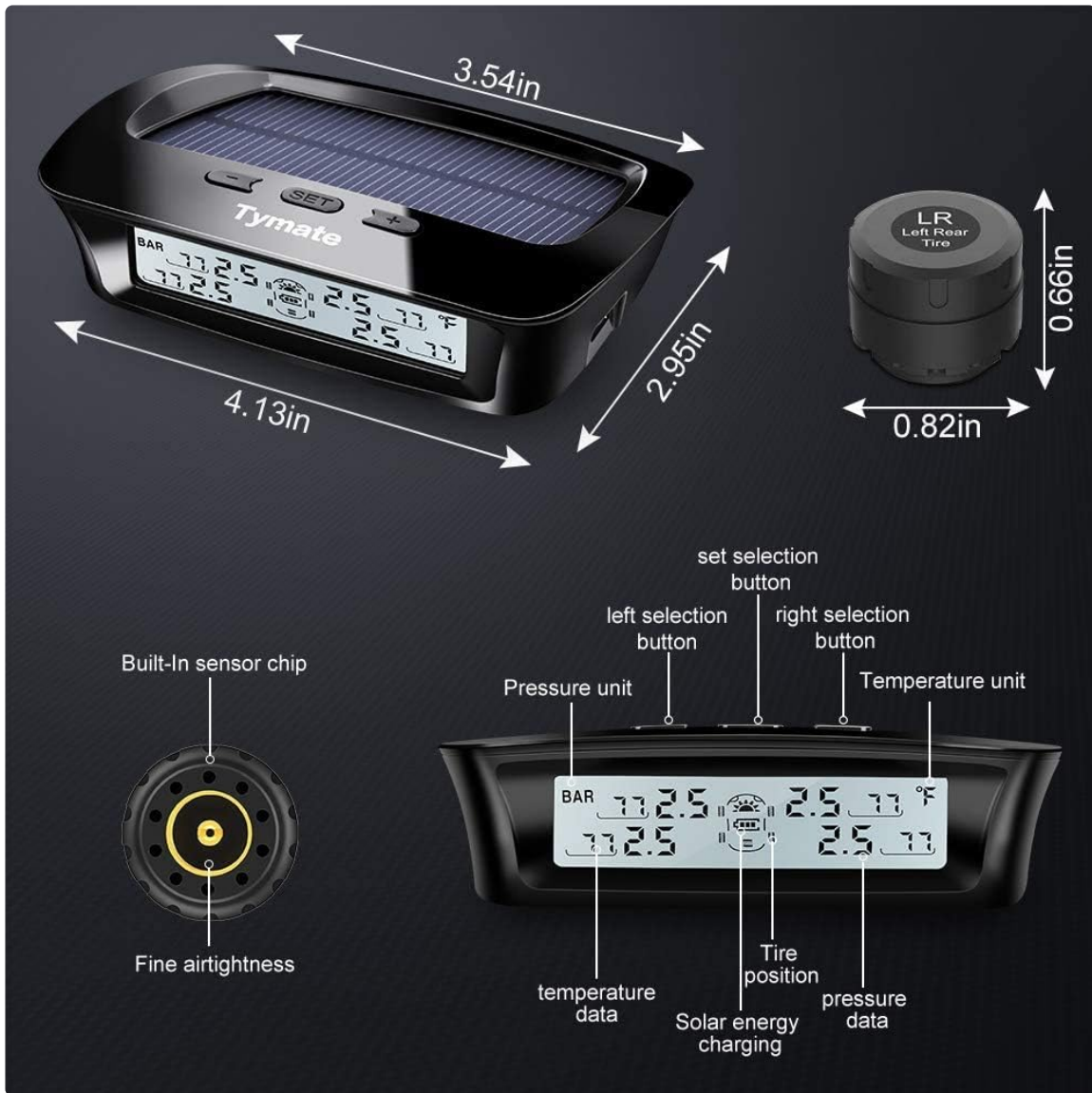


Figure 4: Monitor Display Diagram showing pressure, temperature, and battery indicators.

4.2 Alarm Modes

The system is equipped with five alarm modes to promptly report abnormal tire conditions:

- High Pressure Alarm
- Low Pressure Alarm
- High Temperature Alarm
- Rapid Air Leakage Alarm
- Sensor Low Battery Alarm



Figure 5: Visual representation of the five alarm modes.

4.3 Tire Position Exchange

The system allows for direct exchange of sensor positions on the monitor without needing to reinstall the physical sensors. This saves time and effort when rotating tires.

5. MAINTENANCE

5.1 Sensor Battery Replacement

The external sensors have a long working life (up to 2 years). When a sensor battery is low, it can be replaced using the provided tools.

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Video guide for replacing the sensor battery.

5.2 General Care

Regularly clean the monitor and sensors to ensure optimal performance. Avoid exposing the unit to extreme temperatures or harsh chemicals. Periodically check the sealing rubber on the sensors for wear and tear.

6. TROUBLESHOOTING

If you encounter issues with your Tymate TPMS, please refer to the common questions and solutions below:

- **Q: What if you find the data displayed intermittently?**

A: You can solve the problem by moving the display away from the interference source. If the

problem persists after trying the above suggestions, you may need to equip a repeater.

- **Q: What If a tire blowout puncture occurs?**

A: TPMS could not avoid the puncture caused by sharp objects or damaged tires. TPMS cannot monitor instantaneous changes.

- **Q: Is there no need for tire inspection after installation?**

A: We recommend you do a comprehensive tire inspection for at least one month and ask your tire technician to replace your faulty tire in time.

- **Q: Why Is Not Data Displayed After I Installed It?**

A: After the first installation, all data will be displayed after driving for 5-10 minutes. The sensor needs motion activation.

- **Q: The Measurement Error**

A: The error value of measuring tire pressure is 3PSI.

- **Q: The Sensor Or Monitor Is Not In The Normal Operation**

A: If you encounter any other problems, please do not hesitate to contact our customer service team.

7. SPECIFICATIONS

Feature	Specification
Brand	Tymate
Model	Tymate M12-3 black
Item Weight	10.9 ounces
Product Dimensions	6.3 x 4.72 x 1.97 inches
Batteries	4 Lithium Metal batteries required (included)
Date First Available	May 24, 2019

8. WARRANTY AND SUPPORT

Tymate is committed to customer satisfaction. For any product issues or support needs, please refer to the contact information provided on the last page of your physical user manual. Our 24/7 consultant team is ready to assist you.