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› [VESAFE](#) /

› VESAFE TPMS Wireless Tire Pressure Monitoring System User Manual

VESAFE RV-4E09-VS05

VESAFE TPMS Wireless Tire Pressure Monitoring System User Manual

Brand: VESAFE

Model: RV-4E09-VS05

INTRODUCTION

The VESAFE Wireless Tire Pressure Monitoring System (TPMS) is designed to provide peace of mind and enhanced safety for various large vehicles, including RVs, trailers, coaches, motor homes, and fifth wheels. This system continuously monitors tire pressure and temperature, alerting the driver to potential issues before they become critical. With over 10 years of research and development in TPMS products, VESAFE aims to deliver high-quality, reliable solutions for vehicle safety and fuel economy.

PRODUCT OVERVIEW & COMPONENTS

Your VESAFE TPMS package includes all necessary components for installation and operation. Please verify all items are present upon unboxing.



Figure 1: VESAFE TPMS Monitor, 4 Anti-Theft Sensors, Signal Booster, and Accessories.

- **TPMS Monitor:** Displays real-time tire pressure and temperature data.
- **Anti-Theft Sensors:** External sensors that attach to tire valves, transmitting data wirelessly.
- **Signal Booster (Repeater):** Enhances signal transmission, especially for longer vehicles.
- **Mounting Hardware:** Includes suction cup and adhesive options for monitor placement.
- **Charging Cable:** For recharging the monitor's internal battery.
- **Special Wrench & Nuts:** For secure, anti-theft installation of sensors.

SETUP

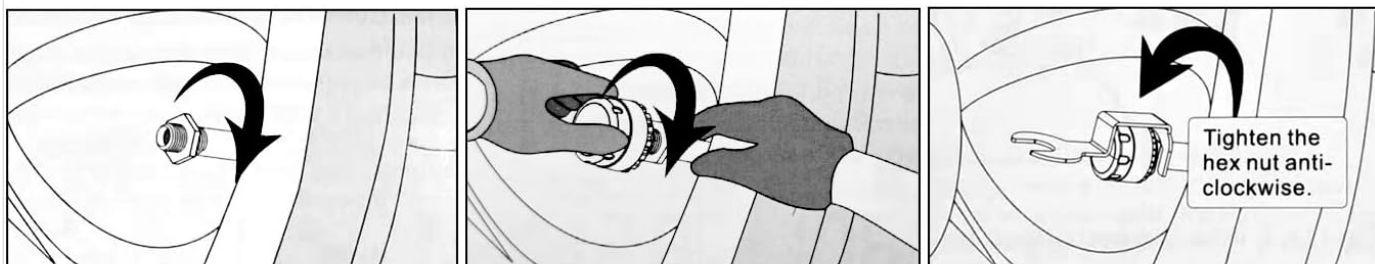
1. Sensor Installation

The anti-theft sensors are designed for easy and secure attachment to your vehicle's tire valves. Follow these steps for proper installation:

1. Remove the existing tire valve cap.
2. Install the provided hex nut onto the tire valve.

3. Mount the corresponding sensor onto the tire valve. Ensure it is hand-tight.
4. Use the special wrench provided to screw the hex nut anti-clockwise, tightening it against the sensor to secure it and prevent theft.

INSTALLATION STEPS



1. Remove the tire valve cap, and install hex nut onto the tire valve.

2. Mount the corresponding sensor onto the tire valve.

3. Use the wrench provided to screw the hex nut clockwise.



Easy Installation



Anti-theft Sensors



Water Resistant Sensors



Wide Pressure Range



Bat Replaceable Sensors

Figure 2: Step-by-step guide for installing the anti-theft tire sensors.

2. Monitor Setup & Pairing

The monitor automatically connects to the sensors. For initial setup or re-pairing, follow the programming instructions. The monitor displays a vehicle graphic, allowing you to associate each sensor with its correct tire position.

Real-Time Accurate Reading



Figure 3: Real-time accurate reading display on the VESAFE TPMS monitor.

For a visual guide on setting up your VESAFE TPMS, please watch the official setup video:

Video 1: Official guide on how to set up the VESAFE TPMS, including sensor pairing and initial configuration.

3. Signal Booster Installation (Optional but Recommended)

For optimal signal strength, especially on longer RVs or trailers, installing the signal booster is recommended. Position the booster between the monitor and the furthest sensors to ensure consistent data transmission.

OPERATING INSTRUCTIONS

The VESAFE TPMS monitor provides continuous real-time data for up to 17 tires, cycling through each tire's pressure (PSI) and temperature (°F or °C) every 5 seconds. An audible and visible warning will be triggered when abnormal conditions occur.

Alarm Modes

The system features 5 alarm modes to ensure safe driving:

- **High/Low Tire Pressure:** Alerts when pressure is 20% higher or 10% lower than preset values.
- **Temperature:** Warns of excessively high tire temperatures.
- **Tire Leakage:** Detects rapid air loss.
- **Sensor Battery Life:** Indicates when sensor batteries are low.



Figure 4: Visual representation of the 5 critical alarm modes.

Automatic Functions

- **Automatic Connection & Sleep Mode:** The monitor automatically sleeps/wakes up based on movement detection. You can also tap the screen to wake it up.
- **Automatic Connect/Disconnect for Towed Vehicles:** For tow vehicles with trailers, the TPMS automatically connects/disconnects based on distance detection, simplifying monitoring when hitching or unhitching.



Figure 5: Illustration of energy-saving and automatic connection features.

FEATURES

- **Accurate Real-Time Data:** Provides precise pressure and temperature readings for each tire.
- **Low Power Consumption & Long Lifespan:** Monitor supports driving up to 5,000 miles on a full charge. Sensors have a battery life of up to 2 years.
- **Anti-Theft Sensors:** Designed with a special locking mechanism to deter theft.
- **Water Resistant Sensors:** Durable design for various weather conditions.
- **Wide Pressure Range:** Supports a broad range of tire pressures (0-188 PSI / 0-13 Bar).
- **Battery Replaceable:** Sensor batteries (CR2032) are replaceable once depleted.

For All Types of Recreational/Large Vehicles



Figure 6: The VESAFE TPMS is compatible with most large recreational and commercial vehicles.

MAINTENANCE

To ensure the longevity and optimal performance of your VESAFE TPMS, regular maintenance is recommended:

- **Monitor Charging:** Recharge the monitor unit as needed using the provided charging cable. A full charge supports up to 5,000 miles of driving.
- **Sensor Battery Replacement:** The sensors use replaceable CR2032 batteries. When the monitor indicates a low sensor battery, replace it promptly to maintain accurate readings.
- **Sensor Cleaning:** Periodically clean the exterior of the sensors to remove dirt and debris that may accumulate.

TROUBLESHOOTING

If you encounter any issues with your VESAFE TPMS, consider the following common solutions:

- **Signal Interference:** Keep other electronic devices away from the monitor to minimize interference. If signal loss

persists, ensure the signal booster is correctly installed and functioning.

- **Inaccurate Readings:** Verify that sensors are securely tightened and that the correct tire pressure settings are programmed into the monitor for each axle.
- **Sensor Not Connecting:** Ensure the sensor battery is not depleted. Re-attempt the pairing process as described in the Setup section.
- **Monitor Not Turning On:** Check the monitor's battery level and charge it if necessary.

SPECIFICATIONS

Attribute	Detail
Manufacturer	VESAFE
Item Weight	1.43 pounds
Product Dimensions	6.77 x 3.78 x 7.91 inches
Item Model Number	RV-4E09-VS05
Batteries	4 CR2032 batteries required (included)
Material	Plastic
UPC	190835072713

WARRANTY & SUPPORT

VESAFE is committed to providing high-quality products and excellent customer satisfaction. For any problems or professional support, please feel free to contact VESAFE customer service. Refer to your product packaging or the official VESAFE website for specific warranty details and contact information.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question