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GUTA GT30+6GS02+GB30

GUTA Trailer Tire Pressure Monitoring System (TPMS) User Manual

Model: GT30+6GS02+GB30

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GUTA Trailer Tire Pressure Monitoring System. This system is designed to monitor tire pressure and temperature in real-time for RVs, campers, motor homes, and other large vehicles, supporting up to 3 trailers and 6 sensors. Proper use of this system enhances driving safety and helps maintain optimal tire conditions.



Image 1.1: The GUTA TPMS package includes the display unit, six tire sensors, and a signal booster.

2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before using the GUTA TPMS. Failure to follow these instructions may result in property damage or injury.

- **Programming Mode:** To enter programming mode for TPMS sensors, press and hold the CODE button on the display until a beep sound is heard, then release. Releasing the button before the beep will prevent entry into programming mode.
- **Data Display When Stationary:** If the monitor does not display data when the vehicle is stationary, it may be in power-saving mode. Press any button or induce vibration to wake it up. If data is still not read, ensure the repeater (if used) is powered on by restarting the vehicle, as its power comes from the vehicle battery.
- **Puncture Accidents:** A Tire Pressure Monitoring System cannot prevent punctures caused by sharp objects or damaged tires. It monitors air pressure and temperature over time, not instantaneous

changes. It is designed to alert you to abnormalities that develop slowly. Regular tire inspections are crucial.

- **Tire Inspection:** Perform a comprehensive tire inspection at least once a month. Consult a tire technician to address any faulty tires promptly.



Image 2.1: The TPMS helps prevent issues like tire crown wear, shoulder wear, cracks, and increased fuel consumption by maintaining proper tire pressure.

3. PRODUCT COMPONENTS

The GUTA Trailer TPMS package includes the following items:

- TPMS Display Monitor
- 6 External Tire Sensors
- Signal Booster (Repeater)
- USB Charging Cable

- Anti-theft Nuts and Wrench
- Mounting Bracket (for dashboard or windshield)
- User Manual

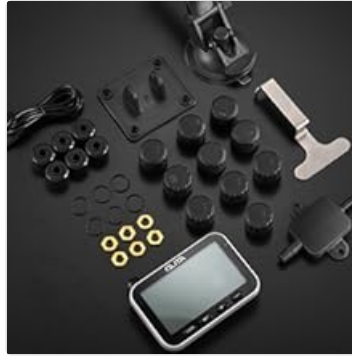


Image 3.1: All components included in the GUTA TPMS kit.

4. SETUP AND INSTALLATION

4.1 Monitor Installation

The display monitor can be installed on your dashboard or windshield using the provided mounting bracket.

- **Dashboard Installation:** Place the monitor on a flat surface of your dashboard using the adhesive base.
- **Windshield Installation:** Attach the suction cup mount to a clean, smooth area of your windshield.

Two Types of Installation



Image 4.1: The monitor can be installed on the dashboard or windshield for optimal viewing.

4.2 Sensor Installation

The external sensors are designed for easy installation on your tire valve stems.

1. Ensure your tires are at the recommended pressure.
2. Remove the original valve cap from each tire.
3. Screw on an anti-theft nut onto the valve stem.
4. Screw the TPMS sensor onto the valve stem until it is hand-tight.
5. Tighten the anti-theft nut against the sensor using the provided wrench to secure it.
6. **Recommendation:** For reliable performance and safety, it is recommended to install cap sensors on metal valve stems.



Image 4.2: Easy installation of the external tire sensors.

4.3 Sensor Setup and Programming

The GUTA TPMS features a wireless programming process for easy sensor assignment and alarm threshold setup.

1. **Entering Learning Mode:** Press and hold the CODE button on the display until a beep sound is heard, then release. The display will enter learning mode.
2. **Assigning Sensors:** Follow the on-screen prompts to assign each sensor to its corresponding tire position. The system allows for pre-installation programming.
3. **Setting Alarm Thresholds:** Once paired, the system automatically configures the current pressure as the reference point. You can then set custom alarm thresholds within an alarming range of +25% PSI to -15% PSI of the reference pressure.



Image 4.3: The monitor facilitates wireless sensor programming and inflation connection.

4.4 Signal Booster (Repeater)

The signal booster extends the sensor signal transmission distance and enhances stability, especially for

longer vehicles or those experiencing electromagnetic interference. Install the booster in a central location between the sensors and the monitor, ensuring it receives power from the vehicle's battery.

5. OPERATION

5.1 Real-Time Monitoring

The GUTA TPMS display provides real-time data for up to 10 tires on a single page. The display automatically switches between front trailer and rear sections, allowing you to monitor up to 34 tires without manual input. The system supports monitoring for up to 3 separate trailers (T1/T2/T3).



Image 5.1: The clear display provides real-time pressure and temperature readings.



Image 5.2: The system can monitor up to 3 trailers, displaying their respective tire data.

5.2 Alert Modes

The system is equipped with multiple alert modes to notify you of potential tire issues:

- High Tire Pressure Alert
- Low Tire Pressure Alert
- High Temperature Alert
- Fast Leak Alert
- Missing Sensor Signal Alert
- Low Sensor Battery Alert

Visual and audio warnings are triggered immediately when tire data deviates from preset safety parameters, allowing you to address issues promptly.

5.3 Power Saving Features

The monitor includes a built-in rechargeable lithium battery that provides 12-14 days of use after a 4-hour full charge. To conserve battery, the monitor enters power-saving mode if no motion or vibration is detected for 15 minutes. Sensors continuously send status signals to the monitor at 5-minute intervals as long as they are

under pressure.



Stronger Battery Power



4 Hours for a Full Charge



200 Hours Ongoing Use

Image 5.3: The monitor offers extended battery life with efficient power management.

6. MAINTENANCE

6.1 Sensor Battery Replacement

The sensors use replaceable CR2032 batteries, which have a life of up to 4 years. To replace a sensor battery:

1. Unscrew the sensor from the valve stem.
2. Carefully open the sensor casing.
3. Remove the old CR2032 battery and insert a new one, ensuring correct polarity.
4. Close the sensor casing securely and re-install it on the valve stem.

6.2 Monitor Charging

Charge the monitor using the provided USB cable when the battery indicator shows low power. A full charge takes approximately 4 hours.

6.3 General Care

Keep the monitor and sensors clean and free from excessive dirt or moisture. Avoid exposing the components to extreme temperatures outside their operating range.

7. TROUBLESHOOTING

If you encounter issues with your GUTA TPMS, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cannot enter programming mode.	CODE button released too early.	Press and hold the CODE button until a beep sound is heard, then release.
No data displayed when vehicle is stationary.	Monitor in power-saving mode; Repeater not powered.	Press any button or induce vibration to wake the monitor. If using a repeater, restart the vehicle to ensure the repeater is powered.
Inaccurate pressure readings.	Sensor not properly installed; Sensor battery low; Interference.	Ensure sensors are tightly secured. Replace sensor battery if low. Check for sources of electromagnetic interference or consider repositioning the signal booster.
Signal loss or intermittent readings.	Long distance between sensors and monitor; Obstructions; Weak signal.	Ensure the signal booster is correctly installed and powered. Reposition the booster if necessary to improve signal strength.

If you encounter any issues that cannot be resolved using this guide, please contact our customer service team for assistance.

8. SPECIFICATIONS

Feature	Specification
Model Number	GT30+6GS02+GB30
Pressure Range	0-188 PSI
Temperature Range	Up to 185 °F (85 °C)
Supported Tires	Up to 34 tires
Supported Trailers	Up to 3 trailers (T1/T2/T3)
Monitor Battery Life	12-14 days (after 4-hour charge)

Feature	Specification
Sensor Battery Type	CR2032 (replaceable)
Sensor Battery Life	Up to 4 years
Item Weight	1.5 pounds
Product Dimensions	11.62 x 2.76 x 8.86 inches

9. CUSTOMER SUPPORT AND WARRANTY

GUTA is committed to providing reliable products and excellent customer service. If you encounter any issues or have questions regarding your TPMS, please do not hesitate to contact our after-sales service team.

You can reach us by clicking the "Contact Seller" option on the Amazon platform where you purchased the product. Please provide your order details for faster assistance.

For information regarding product warranty, please refer to the documentation included with your purchase or contact customer support directly.