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TIRETEK UM2200

TIRETEK Digital Tire Pressure Gauge (200 PSI) - Instruction Manual

1. Introduction and Overview

The TIRETEK Digital Tire Pressure Gauge (Model UM2200) is a heavy-duty, high-quality instrument designed for accurate and easy measurement of tire pressure up to 200 PSI. Its robust construction, flexible hose, and digital display make it suitable for various vehicles, including cars, trucks, motorcycles, and bicycles. This manual provides essential information for the proper setup, operation, and maintenance of your new tire pressure gauge.



Figure 1: TIRETEK Digital Tire Pressure Gauge (Model UM2200)

2. Product Features

- **Digital Display:** Large 2.5-inch digital light-up display for clear and easy-to-read measurements.
- **Flexible Rubber Hose:** Long, flexible rubber hose for convenient access to tire valves at various angles.
- **360° Angled Rotating Nozzle:** Allows for easy connection to tire valves from any position.
- **Bleeder Valve:** Integrated air release valve for precise pressure adjustment.
- **Reading Hold Function:** The gauge holds the pressure reading on the display after removal from the valve.
- **Durable Construction:** Heavy-duty steel construction with a rubber cover for protection against drops and reinforced rubber hose for longevity.

- **Accuracy:** Calibrated to ANSI B40.1 Grade B (2%) international accuracy standard.
- **Weather Resistant:** Designed to perform reliably in various weather conditions.

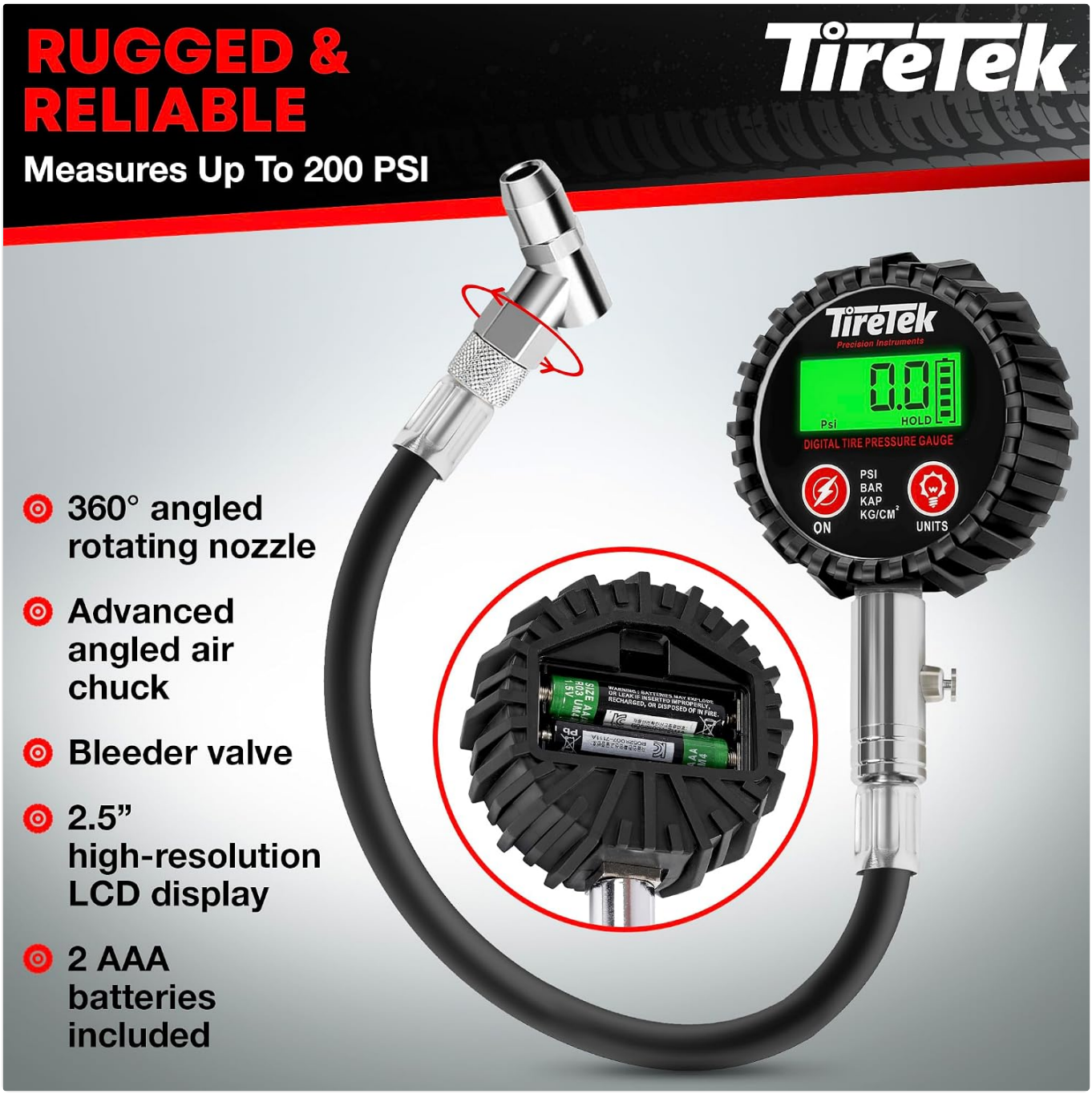

Figure 2: Key features of the TIRETEK Digital Tire Pressure Gauge, including the 360° angled rotating nozzle, bleeder valve, 2.5" high-resolution LCD display, and battery compartment.



Figure 3: The gauge is weather resistant, suitable for use in various conditions.

3. Setup

3.1 Battery Installation

The TIRETEK Digital Tire Pressure Gauge requires 2 AAA batteries (often included). To install or replace batteries:

1. Locate the battery compartment on the back of the gauge, typically covered by a rubber cap.
2. Carefully remove the rubber cap to expose the battery slots.
3. Insert 2 AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the rubber cap securely to protect the batteries and internal components from moisture and dust.

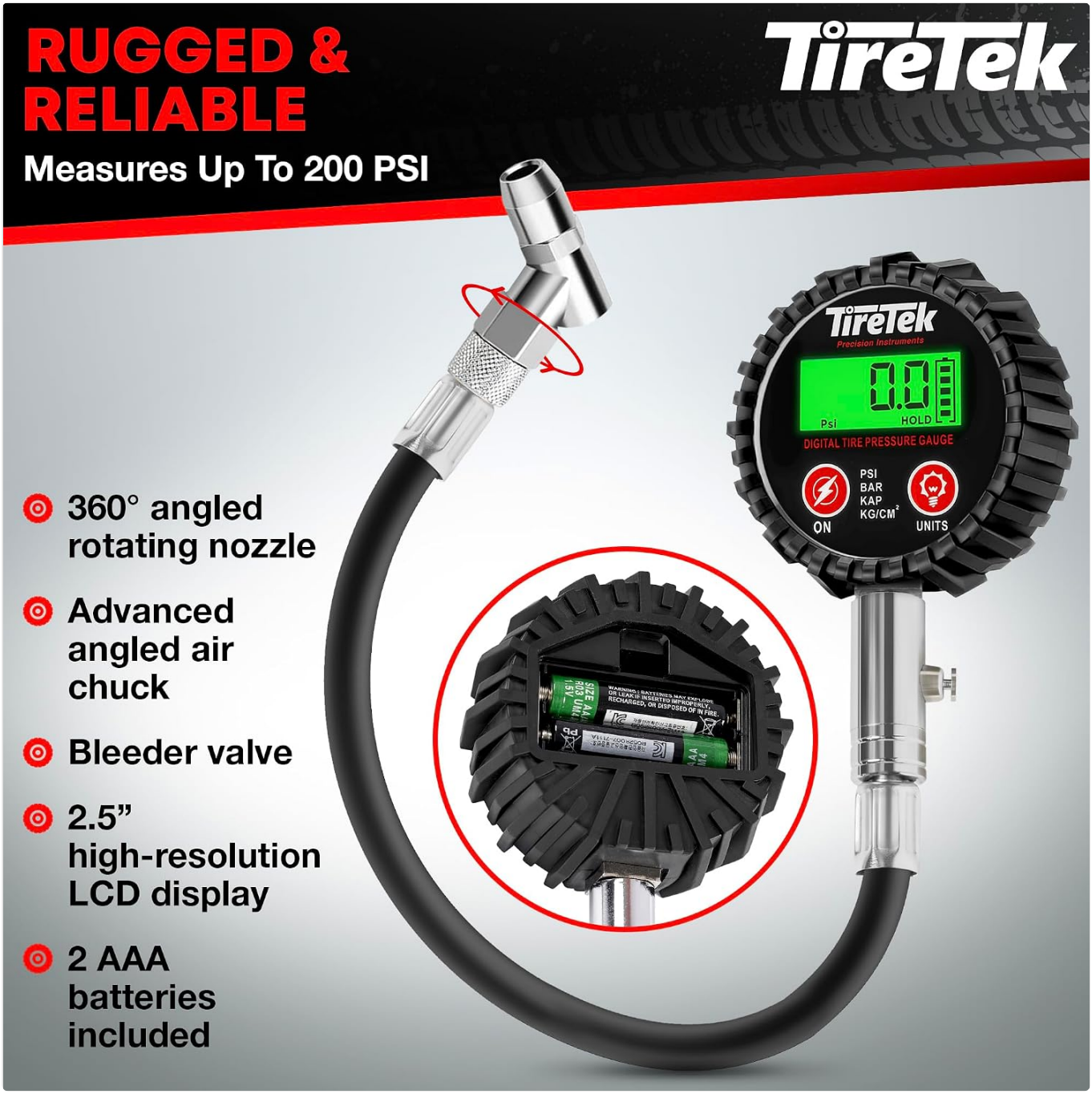

Figure 4: Battery compartment location and installation.

4. Operating Instructions

4.1 Taking a Tire Pressure Reading

1. Ensure the tire is cold (driven less than a mile or not driven for at least three hours).
2. Remove the valve cap from the tire valve stem.
3. Press the **ON** button to power on the gauge. The display will show "0.0" or a similar zero reading. If not, press the **ON** button again to zero the reading.
4. Firmly press the gauge's nozzle onto the tire valve stem. You may hear a slight hiss of air; this is normal. Maintain a tight seal to prevent air leakage.
5. The digital display will show the tire pressure reading. The gauge will hold this reading even after removing it from the valve stem.
6. Remove the gauge from the valve stem and replace the valve cap.
7. To turn off the gauge, press and hold the **ON** button for a few seconds, or it will automatically shut off after a

period of inactivity to conserve battery life.

▶ **Watch video online**
Digital Tire Pressure Gauge (0-200 PSI)

Video 1: Demonstration of how to use the TIRETEK Digital Tire Pressure Gauge to take a reading.

4.2 Changing Measurement Units

The gauge supports multiple measurement units (PSI, BAR, KPA, KG/CM²). To cycle through the units:

- With the gauge powered on, press the**UNITS** button.
- Each press will cycle to the next available unit. Select your desired unit before taking a reading.



Figure 5: Unit modes available on the digital display.

4.3 Using the Bleeder Valve

The integrated bleeder valve allows for precise pressure adjustment if a tire is over-inflated.

- While the gauge is connected to the tire valve and displaying a reading, gently press the bleeder valve button (small button near the base of the gauge).
- Air will be released, and the pressure reading on the display will decrease. Release the button when the desired pressure is reached.

5. Maintenance and Care

- **Cleaning:** Wipe the gauge with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** Store the gauge in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** If the display becomes dim or the gauge does not power on, replace the batteries as described in the Setup section. Remove batteries if storing for extended periods to prevent leakage.
- **Nozzle Care:** Keep the nozzle clean and free of debris to ensure a proper seal with the tire valve.

6. Troubleshooting

Problem	Possible Cause	Solution
Gauge does not power on.	Dead or incorrectly installed batteries.	Check battery polarity or replace with new AAA batteries.
Inaccurate or inconsistent readings.	Poor seal with valve stem; gauge not zeroed; extreme temperature changes.	Ensure firm, straight connection to valve. Press ON button to zero before use. Allow gauge to acclimate to ambient temperature.
Air leaks when taking a reading.	Improper connection to valve stem; worn valve core.	Press the nozzle firmly and squarely onto the valve stem. If leakage persists, the tire valve core may need inspection or replacement.
Display is dim or flickering.	Low battery power.	Replace batteries.

7. Specifications

Attribute	Detail
Brand	TIRETEK
Model Number	UM2200
Material	Alloy Steel, Rubber, Stainless Steel
Maximum Pressure Range	200 PSI
Accuracy Standard	ANSI B40.1 Grade B (2%)
Display Screen Size	2.5 Inches
Item Dimensions (L x W x H)	7.5 x 4.3 x 1.6 inches

Attribute	Detail
Item Weight	0.29 Kilograms (approx. 10.2 ounces)
Power Source	2 x AAA Batteries
UPC	841507112243

8. Warranty and Support

TIRETEK stands behind the quality of its products. This Digital Tire Pressure Gauge comes with a **365-day warranty** from the date of purchase. If you encounter any issues or are not satisfied with your product, please contact TIRETEK customer service for assistance. Our team is dedicated to providing premium support and will address any concerns within the warranty period, no questions asked.



Figure 6: TIRETEK 365-day warranty.

For further support, please visit the official TIRETEK store or contact their customer service channels as provided with

your product packaging or on their official website.

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