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AZUNO TG200PVB02

AZUNO Digital Tire Inflator with Pressure Gauge User Manual

Model: TG200PVB02 | Brand: AZUNO

1. INTRODUCTION AND OVERVIEW

The AZUNO Digital Tire Inflator with Pressure Gauge is a versatile and accurate tool designed for maintaining optimal tire pressure across various vehicles. It features a high-precision digital display, durable construction, and multiple chuck options for broad compatibility. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure safe and effective use of your device.

2. PRODUCT FEATURES

- **Accurate Digital Tire Gauge:** Provides readings within 1% of the exact tire pressure with an incredible 0.1 display resolution.
- **Versatile Chucks:** Includes 4 different kinds of chucks to fit most tire types, enhancing compatibility with various vehicles.
- **Upgraded Smart LCD:** Front-side LCD screen displays large, clear numbers in 4 selectable units (PSI, Bar, Kpa, Kg/cm²). Features auto-off after 2.5 minutes of inactivity to preserve battery life.
- **Rugged Engineering:** Built for durability with high-quality steel and brass components, suitable for demanding environments.
- **Efficient Operation:** Features a fast-action air bleeder valve for single-handed operation and smooth transition between inflation and deflation. Press the air bleeder to deflate, press the trigger to inflate.

Visual Features Overview

ACCURATE MEASUREMENT

CONSISTANT SPOT ON READINGS

36PSI



$\pm 1\%$
ACCURACY



**ANSI B40.1
STANDARD**

Figure 2.1: The AZUNO Digital Tire Inflator providing an accurate pressure reading, compared with a vehicle's internal tire pressure monitoring system.

This image demonstrates the inflator's digital display showing a precise tire pressure reading, alongside a car's dashboard indicating its tire pressure. This highlights the accuracy and ease of reading provided by the device.



0.1 PSI
RESOLUTION

50 X ACCURATE
No Need for Guesswork



5 PSI
RESOLUTION

Figure 2.2: Digital vs. Analog Gauge Resolution.

This visual comparison illustrates the superior precision of the AZUNO digital gauge, offering a 0.1 PSI resolution compared to the typical 5 PSI resolution of analog gauges, eliminating guesswork.

LEAK FREE INFLATION

Solid Brass Chuck

"No Leak" Braided Hose

Figure 2.3: Leak-Free Inflation with Brass Chuck.

This image focuses on the solid brass chuck and the "No Leak" braided hose, demonstrating the secure and efficient connection to the tire valve for leak-free inflation.

SOLID & DURABLE

OPTIMIZED FUNCTIONALITY AND PERFORMANCE



Rubber Cover
Protection



Impact Tested



Extreme
Temp Tested



Vibration Tested

Figure 2.4: Durability and Robust Design.

This graphic details the robust engineering of the inflator, including its rubber cover for protection, and confirmation of impact, extreme temperature, and vibration testing, ensuring long-term reliability.

Product Video

Your browser does not support the video tag.

Video 2.1: Official product video demonstrating the features and usage of the AZUNO Digital Tire Inflator with Pressure Gauge.

3. WHAT'S IN THE BOX

Your AZUNO Digital Tire Inflator package includes the following components:

- Tire pressure gauge (main unit)
- Brass Air Chuck x 1
- Dual Head Air Chuck x 1
- 90° Brass Chuck x 1
- Threaded Air Chuck x 1
- Thread Seal Tape Roll x 1
- Spare Valve Caps x 4
- Storage Bag x 1



Figure 3.1: Complete Package Contents.

This image displays all items included in the product package, providing a clear visual of the main digital tire inflator, different types of air chucks, thread seal tape, and spare valve caps.

4. SETUP

Before first use, ensure the following setup steps are completed:

1. **Battery Installation:** The unit requires 2 AAA batteries (included). Open the battery compartment on the back of the digital gauge and insert the batteries, observing polarity.
2. **Attach Air Chuck:** Select the appropriate air chuck for your application. Screw the chosen chuck onto the threaded end of the inflator hose until secure. Use the provided thread seal tape on the threads for an airtight connection if necessary.
3. **Connect to Air Compressor:** The inflator features a 1/4 NPT quick connect fitting. Connect this fitting to your air compressor's hose. Ensure a secure connection to prevent air leaks.

Engineered Function & Performance

• Smart Backlit LCD Display



Air Bleeder Valve

Brass Intake Piston



Dual Head Air Chuck

1/4 NPT Quick Connect Fitting

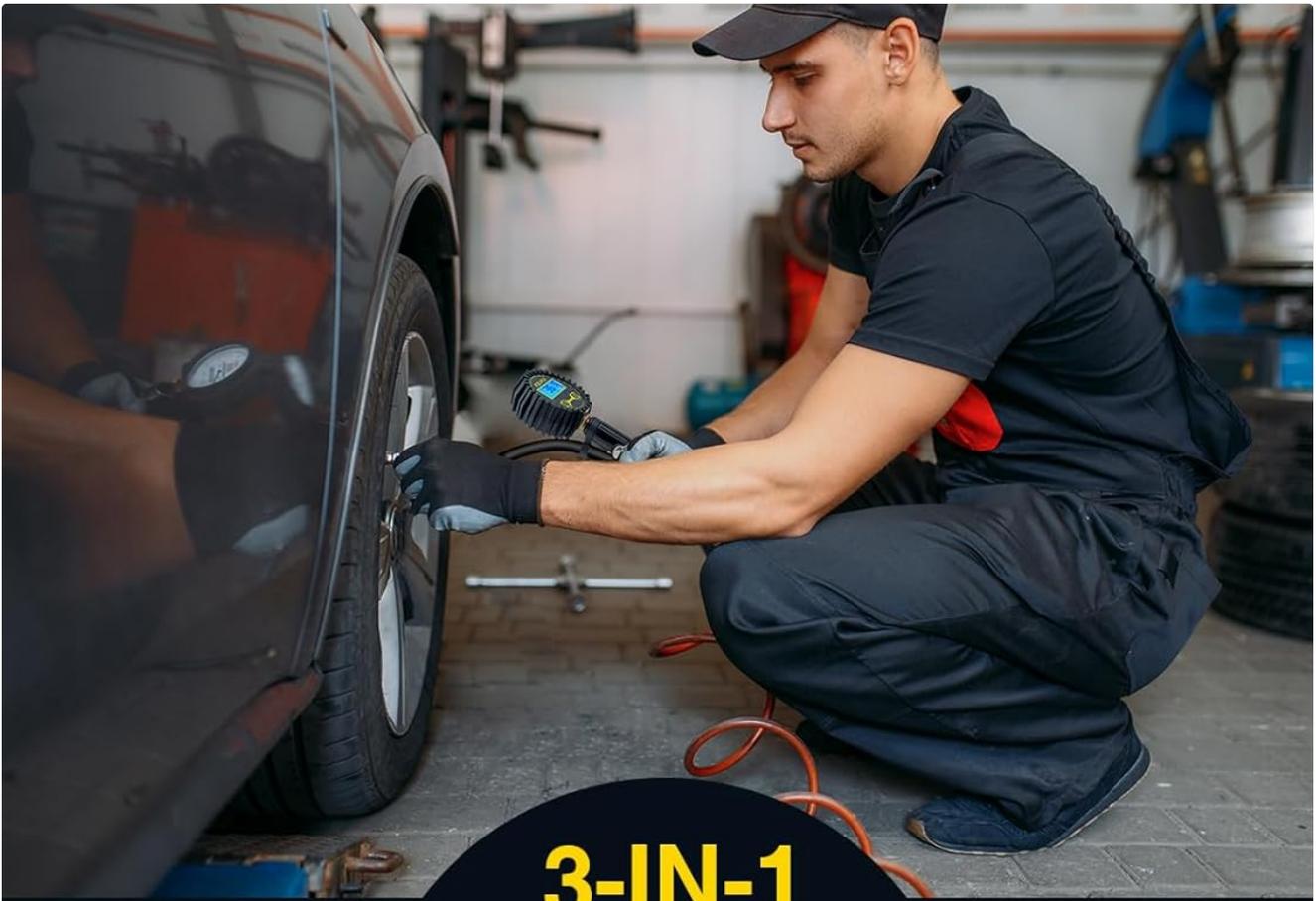
Figure 4.1: Inflator Components Diagram.

This diagram labels the key functional components of the digital tire inflator, assisting users in identifying parts during setup and operation.

5. OPERATING INSTRUCTIONS

Follow these steps for accurate tire pressure measurement and inflation:

1. **Power On:** Press the "ON" button to turn on the digital display. The display will show "0.0" or the last measured pressure.
2. **Select Unit:** Press the "UNIT" button repeatedly to cycle through the available pressure units: PSI, BAR, KPA, and Kgf/cm². Select your preferred unit.
3. **Check Pressure:** Firmly press the chosen air chuck onto the tire valve stem. Ensure a tight seal to prevent air leakage. The current tire pressure will be displayed instantly on the LCD screen.
4. **Inflate Tire:** If inflation is needed, ensure the inflator is connected to an air compressor. Press the trigger handle to begin inflating the tire. Monitor the digital display for the desired pressure. Release the trigger to stop inflation.
5. **Deflate Tire:** If the tire is over-inflated, press the air bleeder valve (located near the trigger) to release air. Monitor the digital display until the desired pressure is reached.
6. **Power Off:** The unit will automatically power off after 2.5 minutes of inactivity. You can also manually turn it off by pressing and holding the "ON" button.



3-IN-1 DIGITAL TIRE INFLATOR GAUGE



Check Pressure



Connect to Inflate



1 Button Deflate

Figure 5.1: 3-in-1 Digital Tire Inflator Gauge Operation.

This series of images visually guides the user through the primary functions: checking tire pressure, connecting the inflator to an air compressor for inflation, and using the one-button deflate feature.

6. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your AZUNO Digital Tire Inflator:

- **Cleaning:** Wipe the unit with a soft, dry cloth after each use to remove dirt and debris. Do not use abrasive cleaners or immerse the unit in water.
- **Battery Replacement:** When the battery indicator on the LCD shows low power, replace the 2 AAA batteries promptly to ensure accurate readings.
- **Storage:** Store the inflator in its provided storage bag in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspect Connections:** Periodically check all connections (hose to gauge, chucks) for wear or damage. Replace components if necessary to maintain an airtight seal.

7. TROUBLESHOOTING

If you encounter issues with your AZUNO Digital Tire Inflator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Inaccurate Reading	Loose connection to valve stem; Low battery; Unit not calibrated.	Ensure chuck is firmly pressed onto valve stem; Replace batteries; Contact customer support if issue persists.
Air Leakage	Improperly attached chuck; Damaged hose or chuck; No thread seal tape.	Re-attach chuck securely; Inspect hose and chuck for damage and replace if needed; Apply thread seal tape to connections.
Display Not Working	Dead batteries; Unit malfunction.	Replace batteries; If new batteries don't resolve the issue, contact customer support.
Cannot Inflate/Deflate	Not connected to air compressor (for inflation); Valve stem blocked; Trigger/bleeder valve stuck.	Ensure compressor is connected and active; Check valve stem for obstructions; Inspect trigger/bleeder valve for proper movement.

8. SPECIFICATIONS

Specification	Detail
Model Number	TG200PVB02
Maximum Pressure	200 PSI
Display Resolution	0.1 PSI
Product Dimensions	8.3 x 3.4 x 2.9 inches
Weight	1.17 Pounds
Material	Aluminum
Batteries	2 AAA batteries (included)
First Available Date	January 6, 2019

9. WARRANTY AND SUPPORT

AZUNO is committed to providing high-quality products and excellent customer service. For any inquiries, technical assistance, or warranty claims, please contact our customer service team. We provide 7*24h service to assist you with your product. Your satisfaction is our priority.

Please refer to the product packaging or the official AZUNO website for the most current contact information.

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