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› AstroAI Digital Tire Pressure Gauge (Model GL-0801B) Instruction Manual

AstroAI GL-0801B

AstroAI Digital Tire Pressure Gauge Instruction Manual

Model: GL-0801B

INTRODUCTION

This manual provides essential information for the proper use and maintenance of your AstroAI Digital Tire Pressure Gauge. Designed for accuracy and ease of use, this gauge helps ensure correct tire pressure for various vehicles, contributing to reduced tire wear and extended tire life.

SETUP

1. Battery Installation

The AstroAI Digital Tire Pressure Gauge operates on 2 AAA batteries, which offer a longer service life and are easy to replace. To install or replace batteries:

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover off.
3. Insert two AAA batteries, ensuring correct polarity (+/-).
4. Replace the battery compartment cover.

UPGRADE TO REPLACEABLE AAA BATTERIES

Includes 2 replaceable AAA batteries; Built-in sensor chip
reduces auto-screen-off time to 30 seconds.

30s



Image: The AstroAI Digital Tire Pressure Gauge with its battery compartment open, illustrating the placement of two AAA batteries.

2. Presta Valve Adapter

Your gauge includes a Presta-to-Schrader adapter, making it compatible with both Presta and Schrader valves found on various vehicles, including bicycles, motorcycles, sedans, and trucks.

CONVENIENT PRESTA-TO-SCHRADER ADAPTER

The Presta valve adapter is compatible with almost all vehicles' tire pressure measurements including bicycles, motorcycles, sedans, and trucks.



Image: The AstroAI Digital Tire Pressure Gauge demonstrating use with both Presta and Schrader valve types, highlighting the included adapter.

OPERATING INSTRUCTIONS

1. Power On and Unit Selection

To turn on the gauge and select your desired unit of measurement:

1. Press the "ON/UNIT/OFF" button once to power on the device.
2. Repeatedly press the "ON/UNIT/OFF" button to cycle through the available units: PSI, BAR, KGF/CM², and KPA. The selected unit will be displayed on the backlit LCD screen.
3. The gauge will automatically shut off after 20 seconds of inactivity to conserve battery power.

1-BUTTON CONTROL, EASY TO USE

The gauge will take 2 seconds to automatically calibrate once it turns on; it can be used normally after this.



Image: A visual guide demonstrating the simple one-button operation for powering on, calibrating, and taking measurements with the digital tire pressure gauge.

2. Taking a Measurement

For accurate tire pressure readings:

1. Ensure the gauge is powered on and the correct unit is selected.
2. Firmly press the illuminated nozzle of the gauge onto the tire valve stem. A good seal is crucial for an accurate reading.
3. The digital display will show the tire pressure in 0.1 increments.
4. Remove the gauge from the valve stem. The reading will hold on the screen for a few seconds before automatically clearing or shutting off.

CONVENIENT LOW-LIGHT OPERATION



The Illuminated Nozzle Lights Up for Convenient Measurement



The Backlit LCD Screen Clearly Displays PSI in 0.1 Increments

Image: The AstroAI Digital Tire Pressure Gauge in use, highlighting its illuminated nozzle and backlit LCD screen for clear readings in low-light conditions.

MAINTENANCE

1. Battery Replacement

When the display dims or the gauge fails to power on, it is time to replace the AAA batteries. Refer to the 'Battery Installation' section under Setup for detailed instructions.

2. Cleaning

Wipe the gauge with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.

TROUBLESHOOTING

- **No Display / Gauge Not Turning On:** Check if the AAA batteries are correctly installed and have sufficient charge. Replace batteries if necessary.
- **Inaccurate Readings:** Ensure the gauge nozzle forms a tight seal with the tire valve stem. Any air leakage during measurement can lead to incorrect readings. Verify the selected unit of measurement is appropriate for your vehicle.
- **Display Freezes or Malfunctions:** Remove and reinsert the batteries to reset the device. If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Measurement Range	0-150 PSI / 0-10 Bar / 0-10 Kg/cm ² / 0-1000 KPA
Accuracy	Accurate in 0.1 increments, calibrated to ANSI B40.7 ±1PSI
Units of Measurement	PSI, BAR, KGF/CM ² , KPA
Power Supply	2 x AAA Batteries
Auto Shut-off	20 seconds of inactivity
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	5.51 x 2.36 x 1.18 inches
Item Weight	87 g

EXPERT-GRADE CALIBRATION

Calibrated with professional-grade tools, ensuring quick and accurate measurement results within ± 1 PSI



0-150PSI



4 UNITS



0.1PSI
Increments



Accuracy Grade	Permissible Error
2A (Process Gauges)	$\pm 0.5\%$ of Span
2AR (Process Gauges)	$\pm 0.5\%$ of Reading
A (Industrial Gauges)	$\pm 1\%$ of Span
B (Commercial Gauges)	$\pm 2\%$ of Span

Image: The AstroAI Digital Tire Pressure Gauge with a chart outlining expert-grade calibration and accuracy specifications.

4 UNITS, 0-150PSI FOR ALL VEHICLES

Road Bike
80~130PSI



Motorcycle
25~32PSI



Sedan
33~39PSI



SUV
35~40PSI



Heavy-Duty
Truck
75~110PSI



Image: A guide to typical tire pressure ranges for different vehicle types, from road bikes to heavy-duty trucks.

WARRANTY INFORMATION

AstroAI products typically come with a manufacturer's warranty. Please refer to the product packaging or the official AstroAI website for specific warranty terms and conditions applicable to your digital tire pressure gauge.

For any questions, technical assistance, or support regarding your AstroAI Digital Tire Pressure Gauge, please visit the official AstroAI website or contact their customer service department. Contact details are usually available on the product packaging or the brand's website.

ASK A QUESTION ABOUT THIS MANUAL

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