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› PI Auto Air Compressor User Manual

P.I. AUTO STORE PIAS002

PI Auto Air Compressor User Manual

Brand: P.I. AUTO STORE | **Model:** PIAS002

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your PI Auto Air Compressor. Designed for portability and ease of use, this 12V digital tire inflator is equipped with a pressure gauge, auto-shut off feature, and an LED light, making it ideal for inflating car and bike tires, as well as camping equipment.



Image: The P.I. Auto Air Compressor, showcasing its compact design, digital display, and included accessories like valve caps and adapters. The product box is visible in the background.

PRODUCT FEATURES

- **Fast Inflation:** Quickly inflates tires, reducing wait times.
- **Digital Pressure Gauge:** Provides accurate pressure readings.
- **Automatic Shut-Off:** Automatically stops inflation once the preset pressure is reached, preventing over-inflation.
- **Built-in LED Light:** Features ultra-high brightness white LED lights for illumination and red flashing SOS lights for roadside emergencies, enhancing night visibility.
- **Compact & Portable:** Lightweight design with integrated hose and cable storage for easy transport and storage.
- **Multiple Applications:** Suitable for car tires, bike tires, sports balls, air mattresses, and other inflatables.
- **Durable Construction:** Designed for reliable performance.



Image: An overview of the multifunction tire inflator, highlighting its compact size, LED safety lights, large LCD screen, integrated hose and cable storage, and included adapters.

PACKAGE CONTENTS

Verify that all items are present in your package:

- PI Auto Air Compressor (Model PIAS002)
- Carrying/Storage Bag
- 3 Unique Adapters (including a valve adapter for bike tires and needle inflator)
- 4 Spare Tire Valve Caps
- Quick Start Guide Sticker
- Digital Guide to Effective Tire Care



Image: A visual representation of the complete package contents, including the storage case, a guide for tire care, and various adapters for different inflation needs.

SETUP

1. **Prepare Vehicle:** Ensure your vehicle's engine is running to provide stable power to the compressor.
2. **Connect Power:** Plug the compressor's 12V power cord into your vehicle's cigarette lighter outlet. The cord is approximately 2950mm long to reach all tires.
3. **Select Adapter:** Choose the appropriate adapter for the item you wish to inflate (e.g., standard tire valve, bike valve, needle for sports balls).
4. **Attach Hose:** Securely screw the compressor's air hose onto the valve stem of the tire or inflatable. Ensure a tight seal to prevent air leakage during inflation.



Image: A visual step-by-step guide demonstrating the simple process of using the inflator, from starting the engine to connecting the hose and setting the pressure.

OPERATING INSTRUCTIONS

1. **Power On:** Press the power button on the compressor. The digital display will illuminate, showing the current pressure.
2. **Set Desired Pressure:** Use the '+' and '-' buttons to adjust the target pressure. You can cycle through units (PSI, BAR, KPA) by pressing the 'SET' button.
3. **Start Inflation:** Press the 'ON' button to begin inflation. The compressor will automatically stop once the preset pressure is reached.
4. **Disconnect:** Once inflation is complete and the compressor has shut off, carefully unscrew the air hose from the valve stem. A small amount of air may escape during disconnection; this is normal.
5. **Utilize LED Light:** Press the light button to activate the white LED light for illumination. Press again for the red SOS flashing light in emergency situations.

Versatile Use

This compressor is designed for a variety of inflation needs:

- **Car Tires:** Ideal for maintaining optimal tire pressure for safety and fuel efficiency.

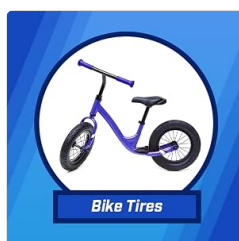
- **Bicycle Tires:** Includes a specific adapter for bike valves.
- **Sports Equipment:** Easily inflates footballs, basketballs, and other sports gear.
- **Inflatables:** Perfect for air mattresses, pool floats, and other camping or recreational inflatables.



Car Tires



Sports Balls



Bike Tires

MAINTENANCE

- **Storage:** After use, carefully coil the power cord and air hose into their designated storage compartments on the unit. Store the compressor and all accessories in the provided carrying bag to protect them from dust and damage.
- **Cleaning:** Wipe the exterior of the compressor with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Fuse Replacement:** The unit includes a spare fuse. If the compressor stops working unexpectedly, check and replace the fuse located in the 12V plug if necessary.
- **Cooling:** For prolonged inflation tasks or inflating multiple items, allow the compressor to cool down for at least 15 minutes between uses to prevent overheating and extend its lifespan.

STORAGE & CARRYING CASE



Image: The PI Auto Air Compressor neatly stored inside its durable carrying case, demonstrating its portability and ease of storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not turn on.	No power from 12V outlet; Blown fuse in plug.	Ensure vehicle engine is running and 12V outlet is functional. Check and replace the fuse in the 12V plug if necessary.
Slow inflation or no inflation.	Loose connection to tire valve; Incorrect adapter; Tire valve core issue.	Ensure the air hose is securely screwed onto the valve stem. Verify the correct adapter is used and properly attached. Check the tire valve core for damage or blockage.
Compressor stops before reaching target pressure.	Overheating; Target pressure already met or exceeded.	Allow the unit to cool down for 15 minutes. If the current pressure is already higher than the set target, the compressor will not activate. Adjust target pressure or release some air if needed.

Problem	Possible Cause	Solution
Inaccurate pressure reading.	Sensor calibration; Air temperature.	For optimal accuracy, inflate tires when they are cold. Some users report setting the target pressure 1-2 PSI higher than desired to account for air loss during disconnection.

SPECIFICATIONS

Feature	Detail
Brand	P.I. AUTO STORE
Model Name	PIAS002
Power Source	12V DC (Corded Electric)
Voltage	12 Volts
Wattage	120 watts
Recommended Uses	Tire Inflation (Cars, Bikes), Sports Gear, Air Mattresses, etc. (Not for trucks)
Special Features	Automatic Shut-Off, Digital Pressure Gauge, LED Light (White & Red SOS)
Air Flow Capacity	38 LPM (Liters Per Minute)
Item Weight	2 Pounds
Product Dimensions	7 x 3 x 6.5 inches
Cord Length (approx.)	2950mm (9.68 feet)
Hose Length (approx.)	470mm (1.54 feet)

WARRANTY & SUPPORT

For detailed warranty information or technical support, please refer to the official User Manual PDF available for download or contact P.I. AUTO STORE customer service directly.

User Manual (PDF): [Download Here](#)

Contact: Visit the [P.I. AUTO STORE Store on Amazon](#) for contact information and additional resources.

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

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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