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PULITUO PULITUO Tire Inflator Portable Air Compressor, DC 12V Tire Air Pump with LED and 150PSI Digital Pressure Gauge

PULITUO Portable Tire Inflator DC 12V Air Compressor User Manual

Model: PULITUO Tire Inflator Portable Air Compressor, DC 12V Tire Air Pump with LED and 150PSI Digital Pressure Gauge

1. Introduction

Thank you for choosing the PULITUO Portable Tire Inflator. This DC 12V air compressor is designed for convenient and efficient inflation of vehicle tires and other inflatable items. Featuring a digital pressure gauge and auto-stop function, it ensures accurate and safe inflation. Please read this manual thoroughly before operation to ensure proper use and maintenance.

2. Safety Instructions

- Always operate the inflator in a well-ventilated area.
- Do not leave the inflator unattended while in use.
- Keep out of reach of children.
- Ensure the vehicle engine is running when using the inflator to avoid draining the car battery.
- Avoid over-inflating tires. Always refer to the vehicle manufacturer's recommended tire pressure.
- Do not operate the inflator if it is damaged or malfunctioning.
- Allow the inflator to cool down after prolonged use (typically 10-15 minutes of continuous operation) to prevent overheating.
- Do not expose the inflator to rain or extreme temperatures.

3. Package Contents

Please check the package for the following items:

- PULITUO Portable Tire Inflator
- Various Nozzle Adapters (for balls, bicycles, etc.)
- User Manual

4. Product Overview

Familiarize yourself with the components of your PULITUO Portable Tire Inflator:



Image 1: Front view of the PULITUO Portable Tire Inflator, showing the digital display, control buttons, and air hose connection. This image illustrates the compact design and key user interface elements.

- **Digital Display:** Shows real-time pressure and preset pressure.
- **Power Button:** Turns the inflator on/off.
- **Unit Button (R):** Cycles through pressure units (PSI, BAR, KPA, kg/cm²).
- **Plus (+) / Minus (-) Buttons:** Adjusts the target pressure.
- **Air Hose:** Connects to the tire valve.
- **12V DC Power Cord:** Connects to your vehicle's cigarette lighter socket.
- **LED Light:** Provides illumination in low-light conditions.

5. Setup

1. **Start Vehicle Engine:** Ensure your vehicle's engine is running to provide stable power to the inflator.
2. **Connect Power:** Insert the 12V DC power cord into your vehicle's cigarette lighter socket.
3. **Power On:** Press the power button on the inflator. The digital display will illuminate, showing the current tire pressure.
4. **Select Unit:** Press the "R" button repeatedly to select your desired pressure unit (PSI, BAR, KPA, or kg/cm²).

6. Operating Instructions

6.1. Inflating a Tire

1. **Check Recommended Pressure:** Locate the recommended tire pressure for your vehicle (usually found on a sticker inside the driver's side door jamb, in the owner's manual, or on the tire sidewall).
2. **Connect Air Hose:** Screw the air hose connector securely onto the tire valve stem. Ensure there are no air leaks. The digital display will show the current tire pressure.
3. **Set Target Pressure:** Use the "+" and "-" buttons to set the desired target pressure. The display will flash the set value.
4. **Start Inflation:** Once the target pressure is set, press the power button again to start the inflation process. The compressor will begin to pump air.
5. **Auto-Stop Function:** The inflator will automatically stop once the preset pressure is reached. The display will show the final pressure.
6. **Disconnect:** Unscrew the air hose connector from the tire valve stem. A small amount of air may escape, which is normal.
7. **Power Off:** Press the power button to turn off the inflator and disconnect it from the 12V power source.

6.2. Using the LED Light

The integrated LED light can be activated independently to provide illumination during nighttime or low-light operations. Refer to the specific button on your device for LED light activation (often a dedicated button or a long press of the power button).

7. Maintenance

- **Cleaning:** Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure the power cord and air hose are neatly coiled to prevent damage.
- **Check Connections:** Periodically inspect the power cord and air hose for any signs of wear, cuts, or damage. Replace if necessary.

8. Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	No power from 12V socket; Blown fuse in vehicle or inflator.	Ensure vehicle engine is running. Check 12V socket for power. Inspect and replace fuses if necessary.

Problem	Possible Cause	Solution
Air leaks during inflation.	Air hose not securely connected to tire valve; Damaged air hose.	Tighten the air hose connector. Inspect hose for damage and replace if needed.
Inflator runs but tire does not inflate.	Air hose not connected properly; Internal blockage or malfunction.	Ensure secure connection. If problem persists, contact customer support.
Inflator overheats and shuts off.	Prolonged continuous use.	Allow the inflator to cool down for 10-15 minutes before resuming use.

9. Specifications

- **Input Voltage:** DC 12V
- **Max Pressure:** 150 PSI
- **Pressure Accuracy:** ±1.5 PSI
- **Display Units:** PSI, BAR, KPA, kg/cm²
- **Power Cord Length:** (Typically 9-10 ft / 3 meters)
- **Air Hose Length:** (Typically 1.6-2 ft / 0.5-0.6 meters)
- **Features:** Digital Display, Auto-Stop, LED Light

10. Warranty and Support

PULITUO products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your purchase or visit the official PULITUO website. Please have your product model number and purchase date available when contacting support.

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