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› [EPAuto](#) /

› EPAuto 12V DC Portable Air Compressor Pump User Manual

EPAuto AT-010-1Z

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Model: AT-010-1Z

INTRODUCTION

Thank you for purchasing the EPAuto 12V DC Portable Air Compressor Pump. This digital tire inflator is designed for convenient and efficient inflation of tires on cars, bikes, sedan, and midsize SUVs. It features an automatic shut-off function, multiple display units, and a built-in LED flashlight for ease of use. Please read this manual thoroughly before operation to ensure safe and proper use of the device.

SAFETY INFORMATION

To prevent injury or damage, always observe the following safety precautions:

- This device is designed for **12 Volt DC ONLY**. Do not connect to a 110V AC outlet.
- Do not support 24 Volt systems.
- This compressor is **NOT** suitable for truck tires, including light truck (LT), heavy-duty truck, or any other truck tires.
- Ensure the vehicle engine is running when operating the compressor to avoid draining the vehicle's battery.
- Do not leave the compressor unattended during operation.
- Allow the compressor to cool down after extended use to prevent overheating. The overheat protection will shut off automatically if overloaded.
- Keep out of reach of children.
- Avoid direct exposure to water or extreme temperatures.

PRODUCT OVERVIEW

The EPAuto 12V DC Portable Air Compressor Pump is a compact and efficient tool for maintaining proper tire pressure. It includes various components for versatile use.



Figure 1: EPAuto 12V DC Portable Air Compressor Pump with its included accessories, including the digital display, power cord, air hose, and various nozzles for different inflation needs.

Components:

- **Main Unit:** Portable air compressor with integrated digital display.
- **Power Cord:** 12V DC cigarette lighter socket plug.
- **Air Hose:** With universal Schrader valve connector.
- **Additional Adapters:** Needle valve (for basketballs, balls), short cone adapter, long cone adapter (for inflatable kayaks, swimming pool accessories).
- **LED Flashlight:** Integrated for illumination during use in low-light conditions.

SETUP

Follow these steps to prepare your air compressor for use:

1. Ensure the power switch on the compressor is in the **OFF (O)** position.
2. Start your vehicle's engine. This provides sufficient power for the compressor and prevents battery drain.

3. Plug the compressor's power cord directly into your vehicle's 12V DC cigarette lighter socket.
4. Remove the dust cap from the tire valve.
5. Attach the air chuck connector firmly to the tire valve stem by screwing it on. Ensure a tight seal to prevent air leakage.



Figure 2: The EPAuto air compressor connected to a car tire, ready for inflation. The power cord is plugged into the vehicle's 12V DC outlet.

OPERATING INSTRUCTIONS

This section details how to operate your EPAuto air compressor for tire inflation.

Setting Desired Pressure:

- Press the **(M)** button on the digital display to cycle through the available pressure units: PSI, KPA, BAR, KG/CM².
- Use the **(+)** or **(-)** buttons to set your desired tire pressure. The display will flash while you are setting the pressure. Once you stop adjusting, it will stop flashing, indicating the set pressure is locked in.

Inflation Process:

1. Once the desired pressure is set, move the power switch to the **ON (-)** position to start the compressor.
2. The compressor will automatically stop inflating when the set pressure is reached.
3. After inflation, move the power switch back to the **OFF (O)** position.
4. Unscrew the valve connector from the tire valve stem and replace the dust cap.

5. Unplug the power cord from the 12V cigarette lighter socket.



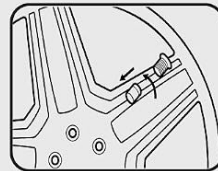
Figure 3: Close-up of the EPAuto air compressor's digital display, showing the current pressure reading and control buttons for setting the target pressure and changing units.

Using the LED Flashlight:

The integrated LED flashlight can be activated independently for illumination in dark environments. Locate the separate switch for the flashlight, usually near the main power switch, and toggle it to turn the light on or off.

Quick Start Guide

1 Make sure the power switch is OFF (O position) and the **vehicle engine is running**



Remove the dust cap from the tire valve, and then attach the air chuck to the tire valve stem, and screw onto tire's valve stem.

2

3 Plug the power cord into a 12V cigarette lighter socket.



Press (M) button to choose the display unit. (4 units available: PSI, KPA, BAR, KG/CM)
Press (-) or (+) button to set the desired pressure, and then wait until it stops flashing.

4

5 Press (-) button to turn on the power switch. The compressor will automatically stop inflating once the desired pressure is reached.



When the desired pressure is reached, turn OFF the power by move the power switch to 'O' position.

6

7 Unscrew the valve connector, place the tire valve dust cap back to the tire & disconnect the power cord from a 12V cigarette lighter socket.



Figure 4: The EPAuto air compressor with its LED flashlight activated, providing illumination for nighttime or low-light tire inflation.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your air compressor:

- After each use, disconnect the power and allow the unit to cool down completely before storing.
- Clean the exterior of the compressor with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the compressor in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the power cord and air hose are neatly coiled and stored to prevent damage. The product comes with a carrying case for convenient storage.



Figure 5: The EPAuto air compressor alongside its black carrying bag, demonstrating its portability and ease of storage.

TROUBLESHOOTING

If you encounter issues with your EPAuto air compressor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Compressor does not turn on.	Power switch is OFF. Not properly plugged into 12V socket. Vehicle engine is not running. Blown fuse in vehicle's cigarette lighter socket.	Ensure power switch is ON (-). Check connection to 12V socket. Start vehicle engine. Check and replace vehicle's fuse if necessary.

Problem	Possible Cause	Solution
Compressor runs but no air inflates.	Air hose not securely attached to tire valve. Tire valve core is damaged or stuck. Air hose or internal component blockage.	Ensure air chuck is tightly screwed onto valve. Inspect tire valve; consult a professional if damaged. Contact customer support.
Compressor stops unexpectedly.	Overheat protection activated. Desired pressure reached (auto shut-off).	Allow unit to cool down for 10-15 minutes. Check digital display for current pressure.
Inaccurate pressure reading.	Loose connection to tire valve. Unit malfunction.	Ensure tight connection. Compare reading with a separate, calibrated gauge. Contact customer support if discrepancy persists.

SPECIFICATIONS

Feature	Detail
Model	AT-010-1Z
Voltage	12V DC
Power	120-180W (10-15 Amps)
Max Pressure	Up to 60 PSI (for passenger vehicles)
Display Units	PSI, KPA, BAR, KG/CM²
Special Features	Automatic Shut-off, Overheat Protection, LED Flashlight
Recommended Use	Tires on cars, bikes, sedan, and midsize SUVs (engine size under 3.5 liters)
Noise Level	92 dB
Dimensions	13.5"L x 8.1"W x 5.6"H
Weight	1 Pound

WARRANTY AND SUPPORT

EPAuto products are designed for durability and performance. For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official EPAuto website. Keep your purchase receipt as proof of purchase.

For additional resources and product information, you may visit the [EPAuto Store on Amazon](#).

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

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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