

EPAuto AT-006-4

EPAuto 12V DC Portable Air Compressor Pump

Instruction Manual - Model: AT-006-4

[Overview](#)

[Safety Information](#)

[Setup
Specifications](#)

[Operation](#)

[Maintenance
Warranty & Support](#)

[Troubleshooting](#)

1. PRODUCT OVERVIEW

The EPAuto 12V DC Portable Air Compressor Pump is designed for convenient and efficient inflation of tires on various vehicles. Its compact size makes it easy to store and transport, ensuring you're prepared for unexpected low tire pressure situations.

Important Note: This product is specifically designed for 12 Volt DC power sources ONLY. It is NOT compatible with 24 Volt systems. It is suitable for inflating tires on cars, bikes, sedans, and mid-size SUVs. It is NOT intended for use with LT (Light Truck), HT (Heavy Truck), or Truck Tires.

1.1 Package Contents

- EPAuto 12V DC Portable Air Compressor Pump Unit
- Integrated Air Hose
- Integrated 12 Volt Cigarette Lighter Plug Socket
- Adapter Set:
 - Presta Valve for bicycles
 - Air Inflator Needle (for sports balls)
 - Plastic Tapered Nozzle (for other inflatables)

1.2 Product Features

- **Convenient Power:** Plugs directly into your vehicle's 12V DC cigarette lighter socket.
- **Versatile Use:** Inflates tires on cars, bikes, sedans, and mid-size SUVs.
- **Compact Design:** Small footprint (6"x5"x2.15") for easy storage in your vehicle.
- **Accurate Monitoring:** Features a built-in pressure gauge for precise inflation.
- **Multi-purpose Adapters:** Includes a set of adapters for various inflation needs.

2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating this air compressor. Failure to do so may result in electric shock, fire, and/or serious injury.

- **Power Source:** Use only with a 12 Volt DC power source. Do not attempt to connect to 24 Volt or AC power outlets.
- **Continuous Operation:** To prevent overheating, allow the air compressor to cool for 10 minutes after every 10 minutes of continuous operation.
- **Vehicle Engine:** Always ensure the vehicle engine is running while using the compressor to avoid draining the vehicle's battery.
- **Children:** Keep the air compressor and all accessories out of the reach of children.
- **Tire Type:** This compressor is not designed for LT, HT, or Truck Tires. Using it on incompatible tires may cause damage to the compressor or the tire.
- **Over-inflation:** Never over-inflate tires. Always refer to your vehicle's owner's manual or the tire's sidewall for the recommended PSI. Over-inflation can lead to tire blowout and serious injury.
- **Secure Connection:** Ensure the valve connector is securely attached to the tire valve to prevent air leakage and ensure accurate pressure readings.



Image: Rear view of the EPAuto Portable Air Compressor, highlighting the caution label with important safety warnings and customer service contact information.

3. SETUP

Follow these steps to prepare your EPAuto Air Compressor for use.

3.1 Component Identification

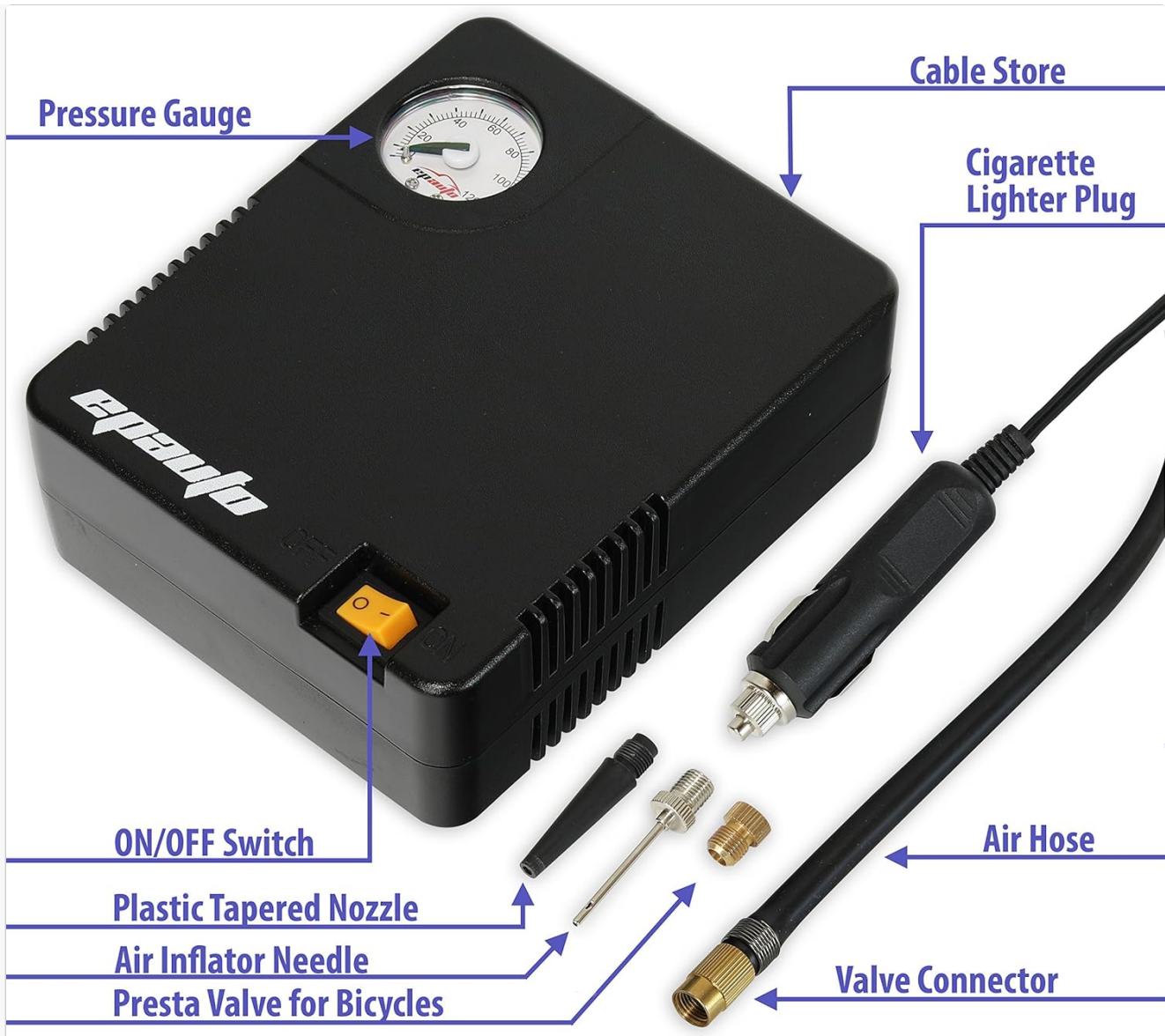


Image: A detailed diagram labeling the key components of the EPAuto Portable Air Compressor, including the Pressure Gauge, Cable Store, Cigarette Lighter Plug, ON/OFF Switch, Plastic Tapered Nozzle, Air Inflater Needle, Presta Valve for Bicycles, Air Hose, and Valve Connector.

3.2 Power Connection

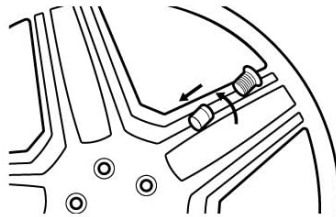
1. Ensure your vehicle is parked safely and the engine is running.
2. Locate the 12V DC cigarette lighter socket in your vehicle.
3. Plug the air compressor's 12V DC cigarette lighter plug firmly into the socket.

3.3 Preparing the Tire Valve

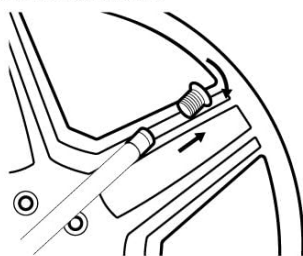
1. Remove the dust cap from the tire valve stem.
2. Screw the air compressor's valve connector clockwise onto the tire valve until it is securely attached and no air is audibly leaking.
3. For non-standard valves (e.g., bicycle Presta valves, sports balls), select the appropriate adapter from the included set and attach it to the valve connector before connecting to the item to be inflated.

Quick Start Guide

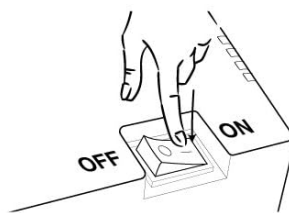
1. Make sure the vehicle is running, then insert the power plug into cigarette lighter receptacle.
2. Remove the dust cap from the tire valve.



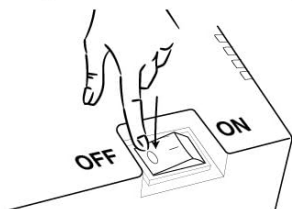
3. Screw the valve connector clockwise onto the tire valve.



4. Push the ON button to start inflation.

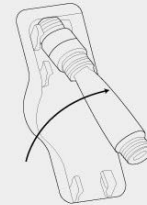


5. Push the OFF button to stop inflation. Unscrew the valve connector, screw the tire valve dust cap back onto the tire & unplug the power cord.

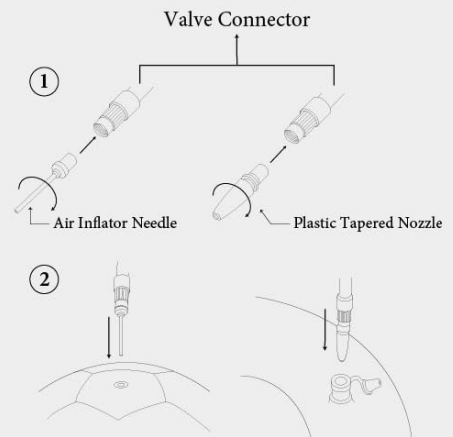


Guide to use Adapter Set

1. Take out the Adapter Set



2. For Sports Balls & Inflatables



3. For Bicycles

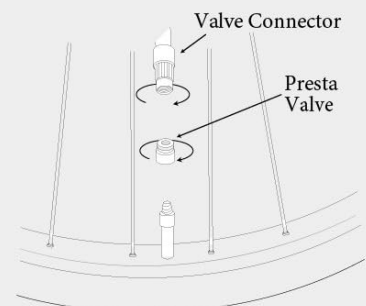


Image: A visual quick start guide demonstrating the steps for connecting the compressor to a tire valve and instructions for using the various adapters for sports balls, inflatables, and bicycles.

4. OPERATING INSTRUCTIONS

4.1 Tire Inflation Process

1. With the compressor securely connected to the power source and the tire valve (refer to Section 3: Setup), press the **ON/OFF switch** to the "ON" position to begin inflation.
2. Continuously monitor the pressure gauge on the compressor. Inflate the tire to the recommended PSI (Pounds per Square Inch) as specified in your vehicle's owner's manual or on the tire's sidewall. Do not exceed the maximum recommended pressure.
3. Once the desired pressure is reached, immediately press the **ON/OFF switch** to the "OFF" position to stop inflation.

4. Carefully unscrew the valve connector from the tire valve. A slight hiss of air during disconnection is normal.
5. Replace the tire valve dust cap.
6. Unplug the power cord from the vehicle's cigarette lighter socket.



Image: The EPAuto Portable Air Compressor actively inflating a car tire, demonstrating its primary function.



Image: The EPAuto Portable Air Compressor connected to a bicycle tire for inflation, showcasing its adaptability with the included Presta valve adapter.

4.2 Using the Adapter Set

The included adapter set expands the utility of your air compressor:

- **Presta Valve:** For inflating bicycle tires equipped with Presta valves.
- **Air Inflator Needle:** Ideal for inflating sports balls such as basketballs, soccer balls, and footballs.
- **Plastic Tapered Nozzle:** Suitable for inflating various low-pressure inflatables like air mattresses, pool toys, and beach balls.

To use any adapter, simply attach it firmly to the end of the air hose's valve connector before connecting to the item requiring inflation.

5. MAINTENANCE

Regular maintenance will help ensure the long-term performance and reliability of your EPAuto Air Compressor.

- **Cleaning:** After each use, wipe the compressor unit with a clean, damp cloth to remove any dirt or dust. Do not use abrasive cleaners, solvents, or immerse the unit in water.
- **Storage:** Allow the compressor to cool completely before storing. Carefully coil the air hose and power cord, utilizing the integrated storage compartments on the unit if available. Store the compressor and its accessories in a dry, cool, and well-ventilated area, away from direct sunlight and extreme temperatures.
- **Fuse Replacement:** The compressor is equipped with a protective fuse. If the unit unexpectedly stops functioning, check the fuse located within the cigarette lighter plug. Replace it with the spare fuse provided in the adapter set (typically a 15A fuse).
- **Inspection:** Periodically inspect the air hose, power cord, and all connectors for any signs of wear, cuts, kinks, or damage. Replace any damaged components immediately to ensure safe operation.

6. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Compressor does not turn on.	Power plug not fully inserted into 12V socket. Vehicle engine is not running. Blown fuse in the compressor's plug or vehicle's fuse box.	Ensure the 12V plug is securely inserted. Start the vehicle engine before operating the compressor. Check and replace the fuse in the plug (spare included) or vehicle.
Air is leaking from the tire valve connection.	Valve connector not screwed on tightly enough. Damaged valve connector or tire valve stem.	Tighten the valve connector clockwise until a secure, airtight seal is achieved. Inspect the connector and valve for damage; replace if necessary.
Compressor runs but does not inflate the tire.	Air hose is kinked, blocked, or disconnected. Valve connector is not properly sealed to the tire valve. Internal compressor malfunction.	Check the air hose for any obstructions or kinks. Ensure a tight and secure seal at the tire valve. If the issue persists, contact customer support.
Compressor overheats and automatically shuts off.	Unit has been operating continuously for too long.	This is a safety feature. Allow the compressor to cool down for at least 10 minutes before resuming operation.

7. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	AT-006-4
Brand	EPAuto
Voltage	12V DC
Power Source	Vehicle 12 Volt Cigarette Lighter Plug Socket
Maximum Operating Pressure	60 PSI
Ambient Temperature Range	20 °F ~ 120 °F
Noise Level	90.3 Decibels
Product Dimensions (L x W x H)	6" x 5" x 2.15"
Item Weight	1.3 Pounds
Included Adapters	Presta Valve, Air Inflator Needle, Plastic Tapered Nozzle



Image: The EPAuto Portable Air Compressor showcasing its compact dimensions: 6 inches long, 5 inches wide, and 2.15 inches high.

8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, or technical assistance, please refer to the official EPAuto website or contact customer service directly. Keep your purchase receipt for warranty claims.

EPAuto Customer Service:

- **Phone:** (800) 349-8716
- **Email:** service@epauto.us

Our customer support team is available to help with any questions regarding product usage, troubleshooting, or warranty services.

