

[Manuals.plus](#) /

> [GRUNDIG](#) /

> Grundig Automotive 46937 12V 100psi Automatic Air Compressor User Manual

GRUNDIG 46937

Grundig Automotive 46937 12V 100psi Automatic Air Compressor User Manual

Model: 46937

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your Grundig Automotive 46937 12V 100psi Automatic Air Compressor. This high-performance device is designed for a wide range of inflation tasks, including vehicle tires, motorcycle tires, bicycle tires, sports balls, and air mattresses. It features an automatic shut-off function and an integrated LED flashlight for convenience and safety.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety warnings and instructions before using this product. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Power Source:** Only connect the compressor to a 12V DC power outlet (e.g., car cigarette lighter socket). Do not attempt to connect to other power sources.
- **Over-inflation:** Do not over-inflate items. Always refer to the manufacturer's recommended pressure for the item being inflated. Over-inflation can cause bursting and serious injury.
- **Supervision:** Never leave the compressor unattended while in operation.
- **Heat:** The compressor may become hot during prolonged use. Allow it to cool down before handling or storing.
- **Children:** Keep the compressor and its accessories out of reach of children. This is not a toy.
- **Moisture:** Do not expose the compressor to rain or wet conditions.
- **Ventilation:** Ensure adequate ventilation when operating the compressor.
- **Damage:** Do not operate the compressor if it has been dropped, damaged, or exposed to water. Contact customer support for assistance.
- **Nozzles:** Use only the provided nozzles or compatible accessories.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Grundig Automotive 46937 12V 100psi Automatic Air Compressor

- 3 different inflation nozzles/adapters
- User Manual (this document)

4. PRODUCT OVERVIEW



Figure 1: Grundig Automotive 46937 12V Air Compressor with dimensions. The image shows the compressor in green and silver, held by hands, with a measurement overlay indicating a height of 5.8 inches (14 cm).

Familiarize yourself with the components of your air compressor:

- **Power Cable:** Connects to 12V DC power outlet.
- **Air Hose:** Connects to the item being inflated.
- **Pressure Gauge:** Displays current pressure.
- **ON/OFF Switch:** Activates and deactivates the compressor.
- **LED Flashlight:** Provides illumination.
- **Nozzle Storage:** Integrated storage for the included adapters.

5. SETUP

1. **Prepare the Compressor:** Uncoil the power cable and air hose. Ensure the ON/OFF switch is in the "OFF" position.
2. **Select Nozzle:** Choose the appropriate inflation nozzle for the item you intend to inflate. The compressor comes with 3 different nozzles for various applications (e.g., needle for balls, tapered nozzle for air mattresses, screw-on adapter for tires).
3. **Attach Nozzle:** Securely attach the selected nozzle to the end of the air hose.
4. **Connect to Power:** Insert the 12V power plug into your vehicle's cigarette lighter socket or other compatible 12V DC power outlet. Ensure a secure connection.

6. OPERATING INSTRUCTIONS

1. **Connect to Item:** Attach the nozzle firmly to the valve stem of the item you wish to inflate. For tires, ensure the screw-on adapter is tightly secured to prevent air leakage.
2. **Check Pressure:** The pressure gauge will display the current pressure of the item. Note the recommended pressure for your item (usually found on the tire sidewall, vehicle door jamb, or item's manual).

3. **Start Inflation:** Flip the ON/OFF switch to the "ON" position. The compressor will begin to operate and inflate the item.
4. **Monitor Pressure:** Continuously monitor the pressure gauge. The compressor features an automatic shut-off function once the desired pressure is reached, but manual monitoring is always recommended.
5. **Stop Inflation:** Once the desired pressure is reached, or if you need to pause, flip the ON/OFF switch to the "OFF" position.
6. **Disconnect:** Carefully disconnect the nozzle from the item's valve stem. Some air may escape during disconnection, which is normal.
7. **Disconnect Power:** Unplug the 12V power cable from the power outlet.
8. **Using the LED Flashlight:** The integrated LED flashlight can be activated independently using its dedicated switch, providing illumination during low-light conditions.

Note: For optimal performance and to prevent overheating, allow the compressor to cool down for 10-15 minutes after every 10 minutes of continuous operation.

7. MAINTENANCE

- **Cleaning:** Wipe the exterior of the compressor with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the compressor is unplugged before cleaning.
- **Storage:** Store the compressor in a cool, dry place, away from direct sunlight and extreme temperatures. Coil the power cable and air hose neatly to prevent damage. Store nozzles in their designated compartment.
- **Inspection:** Periodically inspect the power cable, air hose, and nozzles for any signs of wear or damage. Do not use if any components are damaged.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not turn on.	Not properly connected to 12V power. Vehicle's 12V outlet fuse blown. Compressor ON/OFF switch is OFF.	Ensure power plug is fully inserted into the 12V outlet. Check and replace vehicle's fuse if necessary. Flip the ON/OFF switch to "ON".
Compressor runs but does not inflate.	Nozzle not securely attached to valve. Air hose or nozzle is damaged/leaking. Valve stem on item is faulty.	Ensure a tight seal between nozzle and valve. Inspect hose and nozzles for damage; replace if necessary. Check the item's valve stem for damage.
Compressor overheats and shuts off.	Continuous operation for too long. Blocked air vents.	Allow compressor to cool down for 10-15 minutes. Ensure air vents are clear of obstructions.

9. SPECIFICATIONS

- **Brand:** GRUNDIG
- **Model Name/Number:** 46937
- **Recommended Uses:** Tire inflation (vehicles, motorcycles, bicycles), balls, air mattresses
- **Special Features:** Automatic start/stop, integrated LED flashlight
- **Included Components:** 3 different inflation nozzles

- **Maximum Operating Pressure:** 100 PSI (Pounds per Square Inch)
- **Power Source:** 12V DC
- **Manufacturer:** Grundig Automotive
- **Country of Origin:** China

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or visit the official GRUNDIG website. Keep your proof of purchase for warranty claims.

GRUNDIG Official Website: www.grundig.com

© 2024 GRUNDIG Automotive. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B00LGZNCQM>

More documents and user manuals: <https://manuals.plus/>