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GAMPRO 160098

GAMPRO 12V 150db Chrome Zinc Dual Trumpet Air Horn Instruction Manual

Model: 160098 | Brand: GAMPRO

1. Introduction

This manual provides detailed instructions for the proper installation, operation, and maintenance of your GAMPRO 12V 150db Chrome Zinc Dual Trumpet Air Horn. Please read this manual thoroughly before installation and use to ensure safe and optimal performance. Retain this manual for future reference.

1.1 Safety Information

- Always disconnect the vehicle's battery before performing any electrical work.
- Wear appropriate personal protective equipment, including eye protection, during installation.
- Ensure all electrical connections are secure and properly insulated to prevent short circuits.
- Mount the horn and compressor in a location that is protected from excessive heat, moisture, and debris.
- The horn produces a very loud sound (150 dB). Avoid prolonged exposure to prevent hearing damage.

2. Package Contents

Verify that all items listed below are included in your package:

- 1 x Dual Tones Air Horn
- 1 x Air Compressor
- 1 x Air Hose
- 1 x Set of Mounting Hardware (bolts, nuts, washers, bracket)
- 1 x Relay
- 1 x Wired Relay Plug
- 1 x Fuse
- 1 x Inline Fuse Holder
- 1 x Instruction Manual (this document)



Image 2.1: All components included in the GAMPRO 12V 150db Chrome Zinc Dual Trumpet Air Horn package.

3. Specifications

Feature	Specification
Brand	GAMPRO
Model	160098
Voltage	12 Volts
Noise Level	150 Decibels
Material	Chrome Plated Zinc

Product Dimensions (L x W x H)	11.81 x 6.69 x 3.94 inches
Item Weight	2.33 pounds
Automotive Fit Type	Universal Fit



Image 3.1: Detailed dimensions of the air horn and compressor.

4. Setup & Installation

Follow these steps for proper installation of your GAMPRO air horn. Professional installation is recommended if you are unfamiliar with automotive electrical systems.

4.1 Mounting the Horn and Compressor

1. **Choose a suitable location:** Select a dry, secure location on your vehicle that is protected from direct water spray and excessive heat. Ensure there is enough space for both horn trumpets and the compressor.
2. **Secure the horn:** Use the provided mounting hardware (bolts, nuts, washers, bracket) to firmly attach the dual trumpet horn assembly to a sturdy part of the vehicle chassis.
3. **Mount the compressor:** Attach the air compressor to a secure location, ensuring it is upright and stable.
4. **Connect the air hose:** Connect one end of the air hose to the compressor outlet and the other end to the inlet on the horn assembly. Ensure a tight seal to prevent air leaks.



Image 4.1: Close-up view of the horn's air inlet, designed for secure hose connection.



Image 4.2: Various detailed views of the horn and compressor components.

4.2 Wiring Instructions

The horn system requires a 12V power source. Use the provided relay, wired relay plug, fuse, and inline fuse holder for a safe and reliable connection.

1. **Disconnect Battery:** Before starting any wiring, disconnect the negative terminal of your vehicle's battery.
2. **Connect Red Wire:** Connect the red wire from the wired relay plug to the positive terminal of your vehicle's battery. Install the inline fuse holder with the provided fuse as close to the battery as possible for protection.
3. **Connect Black Wire:** Connect the black wire from the wired relay plug to a suitable ground point on the vehicle chassis.
4. **Connect Blue/White Wire:** Connect the blue or white wire from the wired relay plug to your vehicle's original horn wire. This will activate the new air horn when you press your vehicle's horn button.
5. **Connect Compressor to Relay:** Connect the power wires from the air compressor to the appropriate terminals on the wired relay plug (refer to the diagram for specific connections).
6. **Secure Wiring:** Route all wires away from hot engine parts and moving components. Use zip ties or cable clamps to secure the wiring.
7. **Reconnect Battery:** Once all connections are secure and verified, reconnect the negative terminal of the vehicle's battery.



Image 4.3: Wiring diagram illustrating connections for the air horn system.



Image 4.4: The included relay and 30A fuse for electrical protection.

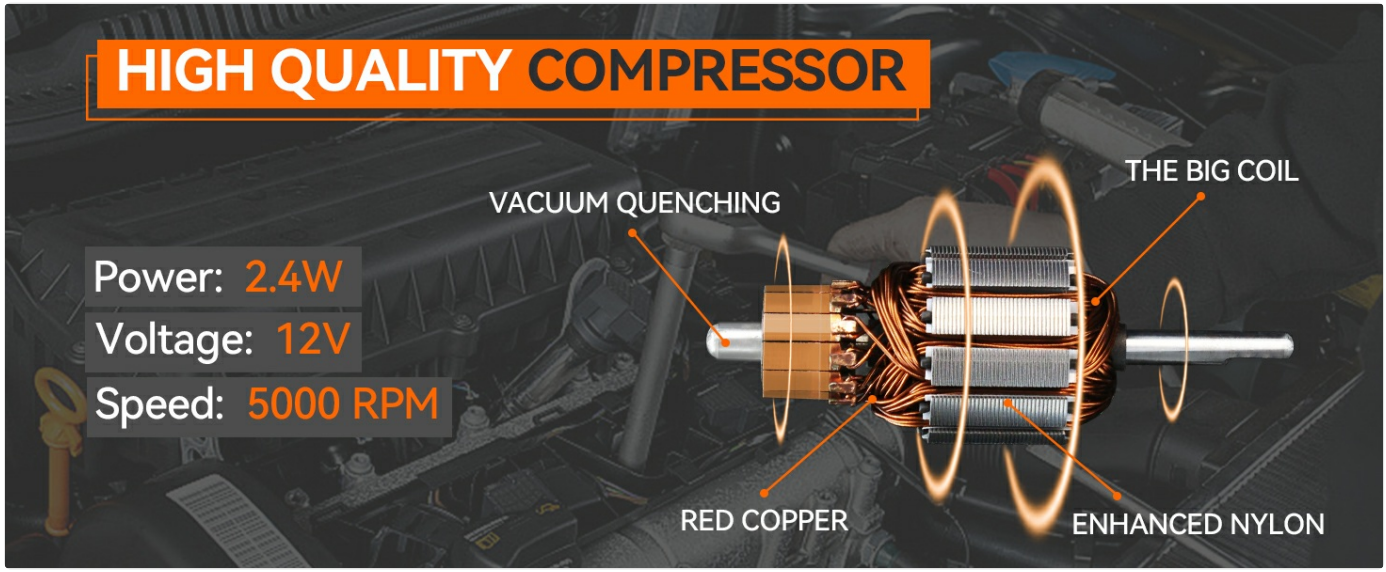


Image 4.5: Internal view of the compressor, highlighting red copper coil and enhanced nylon components.

5. Operating Instructions

Once properly installed, the GAMPRO 12V 150db Chrome Zinc Dual Trumpet Air Horn operates in conjunction with your vehicle's existing horn system.

1. **Activation:** Press your vehicle's steering wheel horn button to activate the air horn. The compressor will engage, and air will be forced through the trumpets, producing the loud sound.
2. **Duration:** The horn will sound for as long as the horn button is pressed. Avoid excessively long blasts.
3. **Purpose:** This horn is designed to provide a significantly louder warning signal than standard vehicle horns, useful in situations requiring increased attention from other drivers or pedestrians.



Image 5.1: The GAMPRO air horn is suitable for various 12V vehicles including trucks, cars, boats, and vans.

6. Maintenance

Regular maintenance helps ensure the longevity and performance of your air horn.

- **Cleaning:** Periodically clean the exterior of the horn trumpets and compressor with a damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Regularly inspect the air hose for cracks, kinks, or loose connections. Ensure all electrical wiring is intact and free from damage.
- **Mounting Security:** Check that the horn and compressor remain securely mounted to the vehicle. Tighten any loose fasteners as needed.
- **Environmental Protection:** While designed for various weather conditions, prolonged exposure to extreme elements (e.g., heavy salt spray) may accelerate wear. Consider additional protection if operating in such environments.

7. Troubleshooting

If you experience issues with your GAMPRO air horn, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Horn does not sound	No power to compressor; Blown fuse; Loose wiring connection; Faulty relay; Compressor malfunction.	Check battery connections. Inspect and replace fuse if blown. Verify all wiring connections are secure. Test the relay. Inspect compressor for damage.
Weak or inconsistent sound	Air leak in hose or connections; Low voltage; Compressor not functioning optimally.	Check air hose and connections for leaks and tighten. Ensure adequate 12V power supply. Inspect compressor for proper operation.
Compressor runs but no sound	Air hose disconnected from horn; Obstruction in horn trumpets.	Verify air hose connection to horn. Check horn trumpets for any blockages.

8. Warranty Information

Specific warranty details for the GAMPRO 12V 150db Chrome Zinc Dual Trumpet Air Horn are not provided in the available product information. Please refer to the retailer's return policy or contact GAMPRO customer support for warranty inquiries.

9. Customer Support

For further assistance, technical support, or questions regarding your GAMPRO 12V 150db Chrome Zinc Dual Trumpet Air Horn, please contact GAMPRO customer service through their official channels or the retailer where the product was purchased.
You can visit the GAMPRO Store on Amazon for more information: GAMPRO Store

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