Groz AGG/1R/B

Groz AGG/1R/B Air Operated Grease Gun Instruction Manual

1. Introduction

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Groz AGG/1R/B Air Operated Grease Gun. This high-power grease gun is designed for continuous discharge of grease when the trigger is pressed, operating within an air pressure range of 40–120 psi (3–8 bar). It is suitable for various applications including factory maintenance, agricultural use, fleet service, and connection to vehicle air brake compressors.

Key Features:

- **Material:** Aluminum cast head with front and top discharge ports.
- **Operation:** Continuous discharge of grease with the trigger pressed.
- **Durability:** Constructed from quality material for sturdy and durable use.
- **Portability:** Compact size for easy carrying and outdoor use.

2. Safety Information

Read and understand all safety warnings and instructions before operating this product. Failure to follow these instructions may result in serious injury.

- **Eye Protection:** Always wear ANSI-approved safety goggles or a face shield when operating the grease gun.
- **Air Supply:** Disconnect the air supply before performing any maintenance, loading grease, or when the tool is not in use.
- **Pressure Limits:** Do not exceed the maximum recommended air operating pressure of 120 psi (8 bar).
- **Work Area:** Keep the work area clean, well-lit, and free from obstructions.
- **Proper Use:** Do not point the grease gun at yourself or others. Use only for its intended purpose.
- **Grease Type:** Use only the type of grease recommended for your application.
- **Maintenance:** Regularly inspect the tool for damage. Do not operate a damaged tool.

3. Product Overview

The Groz AGG/1R/B is an air-operated grease gun designed for efficient lubrication. Familiarize yourself with its components before use.



An image showing the Groz AGG/1R/B Air Operated Grease Gun, featuring its main body, handle, and nozzle.

The grease gun features an aluminum cast head, a pistol grip for comfortable handling, and a barrel for holding grease. It includes an air inlet for connection to an air compressor and a nozzle for grease discharge.

4. Setup

Proper setup ensures safe and efficient operation of your grease gun.

4.1 Unpacking

1. Carefully remove all components from the packaging.
2. Inspect the grease gun for any signs of damage during shipping. Do not use if damaged.

4.2 Air Connection

1. Ensure your air compressor is off and the air line is depressurized.
2. Connect a 1/4 inch (F) air hose fitting to the air inlet port on the grease gun.
3. Set your air compressor regulator to an operating pressure between 40–120 psi (3–8 bar).

4.3 Loading Grease

The grease gun can be loaded with grease cartridges or bulk grease.

Loading a Grease Cartridge:

1. Unscrew the barrel from the head of the grease gun.
2. Pull the plunger rod all the way back and lock it into place.
3. Insert a standard grease cartridge into the barrel, open end first.
4. Remove the pull-tab seal from the cartridge.
5. Screw the barrel back onto the head until hand-tight.
6. Release the plunger rod.

Loading Bulk Grease:

1. Unscrew the barrel from the head.
2. Pull the plunger rod all the way back and lock it.
3. Fill the barrel directly with bulk grease, ensuring to minimize air pockets.
4. Screw the barrel back onto the head until hand-tight.
5. Release the plunger rod.

4.4 Priming the Grease Gun

1. After loading grease, connect the air supply.
2. Point the nozzle into a waste container.
3. Press the trigger briefly until grease flows smoothly, indicating that all air has been purged from the system.

5. Operating Instructions

Follow these steps for effective lubrication using your air-operated grease gun.

1. **Prepare:** Ensure the grease gun is properly loaded and primed, and the air supply is connected and set to the correct pressure (40–120 psi).
2. **Connect:** Firmly attach the grease gun nozzle to the grease fitting (zerk) on the component requiring lubrication.
3. **Operate:** Press and hold the trigger. The grease gun will provide a continuous discharge of grease as long as the trigger is pressed.
4. **Monitor:** Observe the component being lubricated. Stop when fresh grease appears, or when the recommended amount of grease has been dispensed. Avoid over-lubrication.
5. **Release:** Release the trigger to stop the grease flow.
6. **Disconnect:** Carefully remove the grease gun nozzle from the fitting.
7. **Applications:** This tool is ideal for factory maintenance, agricultural applications, fleet service, or for use on trucks connected to vehicle air brake compressors.

6. Maintenance

Regular maintenance will extend the life of your Groz AGG/1R/B Air Operated Grease Gun.

- **Cleaning:** After each use, wipe down the exterior of the grease gun with a clean cloth to remove any excess grease or dirt.
- **Storage:** Store the grease gun in a clean, dry environment, away from direct sunlight and extreme temperatures.
- **Air Line Inspection:** Periodically check the air hose and connections for any signs of wear, leaks, or damage. Replace damaged components immediately.
- **Nozzle Care:** Keep the nozzle clean and free from hardened grease or debris to ensure proper flow.
- **Lubrication:** Ensure the plunger rod and other moving parts are lightly lubricated to prevent sticking.

7. Troubleshooting

If you encounter issues with your grease gun, refer to the following common problems and solutions.

7.1 No Grease Flow

- **Check Grease Level:** Ensure the grease cartridge is not empty or the bulk grease level is sufficient.

- **Priming:** Re-prime the grease gun to remove any air pockets.
- **Air Supply:** Verify the air compressor is on, connected, and providing adequate pressure within the 40–120 psi range.
- **Blockage:** Inspect the nozzle and hose for any blockages caused by hardened grease or debris. Clean if necessary.

7.2 Air Leaks

- **Tighten Connections:** Ensure all air line connections and barrel threads are securely tightened.
- **Inspect Seals:** Check O-rings and seals for wear or damage. Replace if necessary.

7.3 Low Pressure / Weak Flow

- **Compressor Output:** Confirm your air compressor is delivering sufficient and consistent pressure.
- **Air Line Restriction:** Check the air hose for kinks, damage, or internal restrictions.
- **Grease Viscosity:** Ensure the grease being used is appropriate for the operating temperature and gun specifications.

8. Specifications

Detailed technical specifications for the Groz AGG/1R/B Air Operated Grease Gun.

Specification	Value
Brand	Groz
Model Number	AGG/1R/B
Manufacturer	GROZ NET INDUSTRIES
Item Weight	2 kg 160 g
Product Dimensions (LxWxH)	7.9 x 20.8 x 44 cm
Air Operating Range	40–120 psi (3–8 bar)
Pressure Ratio	40:1
Air Inlet	1/4 inch (F)
Material	Aluminum cast head
Included Components	2 Air Operated Grease Gun (*Note: This may refer to a pack quantity, not individual components.*)

9. Warranty and Support

Information regarding product warranty was not provided in the available data. For specific warranty details, please refer to the product packaging or contact Groz directly.

For technical support, spare parts, or further assistance, please contact Groz customer service. Manufacturer contact information is typically found on the product packaging or the official Groz website.

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.

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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.

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