

Geko G01124

Geko G01124 Pneumatic Portable Grease Pump

20 Liter Capacity - Instruction Manual

1. INTRODUCTION

Thank you for choosing the Geko G01124 Pneumatic Portable Grease Pump. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new grease pump. Please read this manual thoroughly before operating the device and keep it for future reference.

The Geko G01124 is a robust and high-performance pneumatic grease pump designed for various lubrication applications. It is constructed from high-quality materials, ensuring durability and reliable operation. This product is proudly made in Poland.

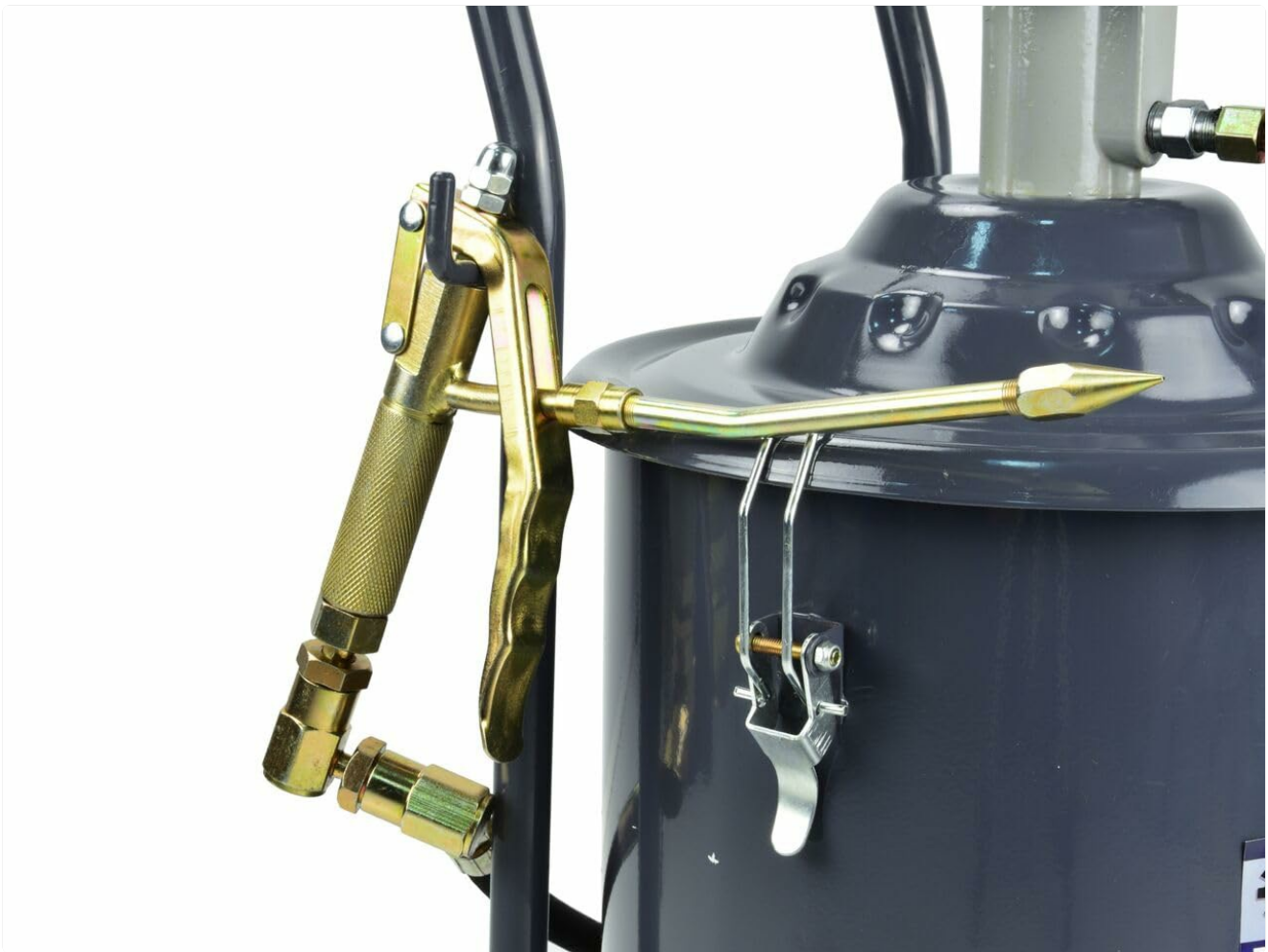


Figure 1: Main unit of the Geko G01124 Pneumatic Portable Grease Pump, showing the pump mechanism, handle, and grease container.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury and damage to the equipment:

- **Read the entire manual:** Understand all instructions and warnings before use.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses or goggles, gloves, and protective clothing when operating the pump.
- **Compressed air safety:** Ensure the air compressor is properly maintained and regulated. Do not exceed the maximum recommended air pressure for the pump. Disconnect air supply before performing any maintenance or changing accessories.
- **Grease handling:** Use only recommended types of grease. Avoid skin contact with grease. In case of contact, wash thoroughly with soap and water.
- **Secure connections:** Ensure all hoses, fittings, and nozzles are securely connected before operating the pump to prevent leaks or disconnections under pressure.
- **Stable operation:** Place the pump on a stable, level surface during operation.
- **Keep clear:** Keep hands, hair, and loose clothing away from moving parts.
- **Children and unauthorized personnel:** Keep children and unauthorized persons away from the work area.
- **Proper ventilation:** Ensure adequate ventilation in the work area, especially when working with certain types of grease.
- **Emergency procedures:** Know how to quickly shut off the air supply in an emergency.

3. PRODUCT COMPONENTS

The Geko G01124 Pneumatic Portable Grease Pump typically includes the following main components:

- Grease Container (20L capacity)
- Pneumatic Pump Head with Air Regulator and Pressure Gauge
- Follower Plate with Spring
- High-Pressure Grease Hose
- Grease Gun with Nozzle
- Portable Cart/Frame



Figure 2: The high-pressure grease gun and flexible hose, ready for connection to the pump.



Figure 3: A detailed view of the high-pressure hydraulic hose, showing its robust construction and fittings.

4. SETUP

1. **Unpacking and Assembly:** Carefully unpack all components. Assemble the portable cart/frame if it came disassembled, ensuring all bolts are tightened securely.
2. **Loading Grease:**
 - Remove the pump head assembly from the grease container.
 - Insert the follower plate into the container.
 - Fill the container with the desired grease, ensuring it is compatible with your application. Do not overfill.
 - Place the pump head assembly back onto the container, ensuring the pump tube is submerged in the grease.



Figure 4: View inside the grease container, showing the follower plate and spring mechanism designed to push grease towards the pump inlet.

- 3. Securing the Pump Head:** Ensure the pump head is securely fastened to the container using the provided clamps or locking mechanisms.



Figure 5: A close-up of the latch mechanism used to secure the pump head to the grease container, ensuring a tight seal.

4. **Connecting the Grease Hose and Gun:** Attach the high-pressure grease hose to the pump outlet. Then, connect the grease gun to the other end of the hose. Ensure all connections are tight to prevent leaks.
5. **Connecting Air Supply:** Connect your compressed air line to the air inlet on the pump head. Ensure your air compressor is capable of providing the required pressure (refer to specifications).



Figure 6: The air regulator and pressure gauge on the pump head, allowing for precise control and monitoring of the incoming air pressure.

6. **Adjusting Air Pressure:** Slowly open the air supply valve. Adjust the air regulator on the pump head to the desired operating pressure. Do not exceed the maximum recommended pressure.

5. OPERATING INSTRUCTIONS

1. **Priming the Pump:** Before first use or after refilling, it may be necessary to prime the pump. With the air supply connected and regulated, point the grease gun nozzle into a waste container and operate the trigger until grease flows smoothly, free of air bubbles.
2. **Lubrication:**
 - Clean the grease fitting on the component to be lubricated.
 - Attach the grease gun nozzle firmly to the fitting.
 - Press the trigger on the grease gun to dispense grease. Apply grease until resistance is felt or until the component is adequately lubricated.
 - Release the trigger and detach the nozzle from the fitting.
3. **After Use:**
 - Close the air supply valve.
 - Bleed any remaining pressure from the system by briefly operating the grease gun trigger.
 - Disconnect the air line.
 - Clean the grease gun and nozzle.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your grease pump.

- **Cleaning:** Regularly clean the exterior of the pump and the grease gun to prevent dirt and debris from entering the system.
- **Hose and Fittings:** Inspect the high-pressure hose and all fittings for signs of wear, damage, or leaks. Replace any damaged components immediately.
- **Air Regulator and Gauge:** Periodically check the air regulator and pressure gauge for proper function and accuracy.
- **Grease Quality:** Ensure you are using clean, high-quality grease. Contaminated grease can damage the pump.
- **Storage:** Store the grease pump in a clean, dry environment when not in use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No grease flow	No air supply; low air pressure; empty grease container; clogged nozzle/hose; air lock in pump.	Check air connection and compressor; increase air pressure; refill grease; clear obstruction; prime the pump.
Inconsistent grease flow	Air in grease; improper follower plate seating; low grease level.	Prime the pump; ensure follower plate is properly seated on grease; refill grease.
Air leaks	Loose air fittings; damaged O-rings/seals.	Tighten fittings; inspect and replace damaged seals.
Grease leaks	Loose hose/gun connections; damaged seals in pump head or gun.	Tighten connections; inspect and replace damaged seals.

8. SPECIFICATIONS

Feature	Detail
Manufacturer	Firma Handlowa GEKO
Model Number	G01124
Grease Capacity	20 Liters
Operation Type	Pneumatic (Air-powered)
Package Dimensions	35 x 35 x 15 cm
Item Weight	16.75 kg
ASIN	B07FSJQ9CH
Date First Available	January 15, 2020

9. WARRANTY AND SUPPORT

This Geko product is designed for durability and performance. For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or spare parts inquiries, please contact your local Geko distributor or the point of purchase.

Always provide the model number (G01124) and ASIN (B07FSJQ9CH) when contacting support to ensure accurate assistance.