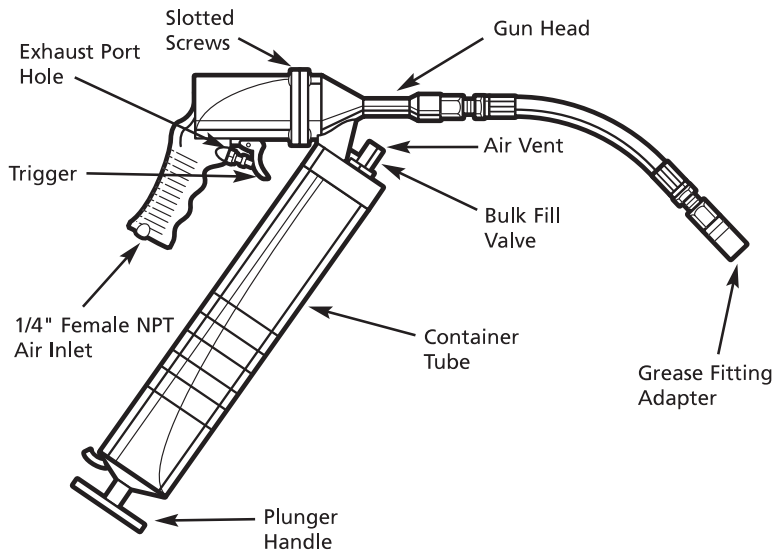


Operating Instructions

Air Grease Gun

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

Air Grease Gun Features



Specifications

Avg SCFM & psi	.....0.2 @ 90 psig .....(25% usage)
Continuous SCFM	.....0.8 @ 90 psig .....(100% usage)
Grease Pressure	.....1,500 - 4,500 psi
Grease Per Shot	.....0.06 in ³
Capacity	.....14 oz. cartridges, .....400cc
Hose Length	.....9" Flexible
Air Inlet	.....1/4" NPT (F)
Weight	.....3.1 lbs.
Vibration	.....<2.5m/s ²
Sound level dB(A)	
Pressure	.....78.5
Power	......89

Description

Air grease guns are air tools designed for lubricating automobiles, recreational vehicles, machinery and farm equipment.

Safety Guidelines

This manual contains information that is very important to know and understand. This information is provided for SAFETY AND TO PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols.

⚠ DANGER Danger alerts you to a hazard that WILL result in death or serious injury

⚠ WARNING Warning alerts you to a hazard that COULD result in death or serious injury.

⚠ CAUTION Caution alerts you to a hazard that MAY result in minor injury.

NOTICE Notice alerts you to important information that will help you prevent damage to equipment.

Unpacking

When unpacking this product, carefully inspect for any damage that may have occurred during transit.

General Safety

This product is part of a high pressure system and the following safety precautions must be followed at all times along with any other existing safety rules.

1. Read all manuals included with this product carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
2. Only persons well acquainted with these rules of safe operation should be allowed to use the air tool.



⚠ CAUTION Do not exceed the maximum operating pressure of the air tool (90 psi). This can reduce the life of the tool.

3. Do not exceed any pressure rating of any component in the system. Maximum operating pressure of 90 psi is measured at the tool inlet while the tool is running. The pressure drop between the compressor and tool needs to be compensated for at the compressor.

4. Disconnect the air tool from air supply before changing tools or attachments, servicing and during non-operation.
5. Do not wear loose fitting clothing, scarves, neck ties or jewelry when operating any tool. Loose clothing or jewelry may become caught in moving parts and result in serious personal injury.

⚠ WARNING Safety glasses and ear protection must be worn during operation.



Operating Instructions

General Safety (Continued)

- Do not depress trigger when connecting the air supply hose.
- Always use attachments designed for use with air powered tools. Do not use damaged or worn attachments.
- Never trigger the tool when not applied to a work object. Attachments must be securely attached. Loose attachments can cause serious injury.
- Protect air lines from damage or puncture.
- Never point an air tool at oneself or any other person. Serious injury could occur.
- Check air hoses for weak or worn condition before each use. Make sure all connections are secure.

WARNING

Release all pressure from the system before attempting to install, service, relocate or perform any maintenance.



- Keep all nuts, bolts and screws tight and ensure equipment is in safe working condition.
- Do not put hands near or under moving parts.

WARNING

Do not misuse this product. Excessive exposure to vibration, work in awkward positions and repetitive work motions can cause injury to hands and arms. Stop using any tool if discomfort, numbness, tingling or pain occur, and consult a physician.

Assembly

SYSTEM SETUP

NOTE: See page 4 for Set-Up.

Using fittings or air hoses which are too small can create a pressure drop which will result in a loss of power in the tool.

NOTE: Do not install a quick coupler set between the tool and whip hose.

Ensure that tool is not connected to air supply, and then place tool upside down on workbench.

AIR TOOL SETUP

Use of 3/8" fittings with 1/4" NPT threads is recommended. Most com-

pressors are shipped with a short, 1/4" I.D. hose. For proper performance and more convenience, use a 3/8" I.D. hose. Hoses longer than 50 feet should be 1/2" I.D.

WARNING

Never carry a tool by the hose or pull the hose to move the tool or a compressor. Keep hoses away from heat, oil and sharp edges. Replace any hose that is damaged, weak or worn.

Operation

LUBRICATION

Air tools require lubrication throughout the life of the tool. Proper lubrication is the owner's responsibility. Use air tool oil to lubricate, clean and inhibit rust in one step. Failure to lubricate and maintain air tool properly will dramatically shorten the life of the tool and will void the warranty.

FILLING THE CANISTER

There are three methods to load the air grease gun.)

METHOD 1 - CARTRIDGE

(SEE FIGURE 1)

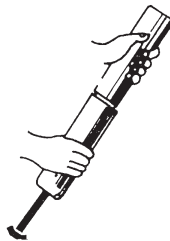


Figure 1 - Cartridge Replacement

- Unscrew the gun head from the container tube.
- Pull the plunger handle completely back and lock into place.
- Insert the open end of a grease cartridge into the container tube and completely push in the cartridge.
- Remove the seal from the cartridge.
- Screw the gun head and container tube back together.
- Press the plunger release to release the plunger handle rod and push the plunger handle back into the con-

tainer tube.

METHOD 2 - FILLER PUMP

(SEE FIGURE 2)

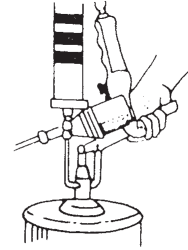


Figure 2 - Filler Pump Method

- Pull the plunger handle completely back and lock into place.
- Insert the bulk fill valve into the filler pump socket.
- Fill the container tube and disconnect the grease gun from the filler.
- Press the plunger release to release the plunger handle rod and push the plunger handle back into the container tube.

METHOD 3 - BULK FILLING

(SEE FIGURE 3)

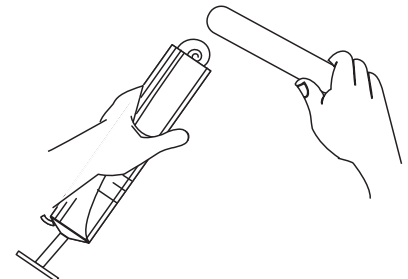


Figure 3 - Bulk Filling

- Unscrew the gun head from the container tube.
- Pull the plunger handle back approximately 2 to 3 inches and fill this section of the container tube. Repeat this process until the entire container tube is filled. Be careful to pack without air pockets.
- Screw the gun head and container tube back together.
- Press the plunger release to release the plunger handle rod and push the plunger handle back into the container tube.

REMOVING AIR POCKETS FROM GREASE GUN

To remove air pockets from the grease gun, follow the outlined procedures.

1. Unscrew the gun head 1 to 1 1/2 turns.

NOTE: Warming the grease aids in removing air pockets. Stand the gun in an upright position to prevent air pockets from forming in the middle of the cartridge.

2. Pull the plunger handle back and release quickly. Repeat this step several times.
3. Push the plunger handle back into the container tube and screw the gun head and container tube back together.
4. Press the air vent several times to relieve any air pockets near the top of

the container tube. When all of the air is gone, grease will start to seep out of the air vent valve.

⚠ WARNING

Release all pressure from the system before attempting to install, service, relocate or perform any maintenance.

⚠ WARNING

Disconnect the grease gun from the air supply before lubricating.

The piston must be lubricated periodically. Proper lubrication extends the life of the tool and creates a better sealing action for the piston. Under heavy usage, the piston should be greased with bearing grease every four months and for light usage only once a year. To grease the piston, follow the outlined procedures.

1. Disconnect the air grease gun from the air supply.
2. Remove the four slotted screws on the gun head and remove the spring and the piston.
3. Apply a film of bearing grease around the exterior of the rubber skirt of the piston and a thin film of grease on the inside of the cylinder.
4. Install the spring, piston and the four slotted screws.

Troubleshooting Guide

Symptom	Possible Cause(s)	Corrective Action
Tool will not operate	1. No grease in tool	1. Lubricate the tool according to the lubrication instructions in this manual
	2. Low air pressure	2. Adjust the compressor regulator as needed
	3. Air hose leaks	3. Tighten and seal hose fittings if leaks are found
Tool operates, but grease will not eject from spout	1. Cold, thick grease	1. Bring tool inside and warm to room temperature of 70-85°F. Stand the gun in an upright position to prevent air pockets forming in the middle of the cartridge
	2. Spring is still compressed	2. Pull the plunger handle back and release quickly. Make sure the catch plate is released
	3. Out of grease	3. Refill container tube
	4. Air pockets in container tube	4. Remove air pockets (See Removing Air Pockets section)