



# MODEL H8254/H8255 GREASE GUN INSTRUCTIONS

## ⚠ WARNING



Grease guns can develop high pressure up to 7,000 PSI. To reduce the risk of serious injury, follow instructions carefully and always wear ANSI approved safety glasses when using this tool, or when performing any service or maintenance.



## Introduction

We are proud to offer the Model H8254 and H8255 grease guns. These tools are part of a growing Grizzly family of fine hand tools. The Model H8254 features solid construction and a long pump lever for extra leverage when lubricating tough fittings. The Model H8255 features similar solid construction as well as hand pump operation and a flexible coupler extension hose for increased maneuverability when clearances are tight.

## Specifications

Bulk Capacity ..... 16 OZ  
Cartridge Capacity..... 14½ OZ

## Operation

1. Wipe all fittings clean with a shop towel.
2. Pump grease gun once or twice to purge the coupler of any contaminants or old grease.
3. Push the grease gun coupler onto the fitting to be lubricated.

Figure 1. Model H8254 and H8255.

**Note:** It is easier to attach the coupler to the fitting at a slight angle. Be sure to center the coupler over the fitting when applying lubricant.

3. Pump the lever (H8254) or squeeze the grip lever mechanism (H8255) repeatedly to inject lubricant.
4. After lubricating, turn the coupler at a slight angle to release it from the fitting.

## NOTICE

Some mechanical systems may only require one or two pumps of grease, while others require many pumps. Understand the lubrication requirements of the part you are lubricating. Failure to follow this instruction can damage seals or under-lubricate parts, causing costly damage.

## Converting Between Cartridge and Non-Cartridge Sources

When the grease gun is to be filled with lubricant directly inside the container body, the follower seal must be cupped outward, toward the lubricant. Conversely, the seal must be cupped inward, away from the lubricant, when a cartridge lubricant is used.

### To reverse the follower seal:

1. Pull back on the follower rod until it is fully extended, then pull it sideways to latch the rod groove into the keyhole slot in the cap (**Figure 2**).
2. Unscrew the head and plunger assembly and set it aside.
3. Remove any lubricant or lubricant cartridges from the container body by carefully unlatching the follower rod from the container cap, and allowing it to slowly move into the container body.
4. Unscrew the container cap from the container body.
5. Pull the follower handle to extract the follower and spring from the container body.
6. Grasp the follower between your thumb and forefinger, and flip the follower lip from the rear to the front side.

**Note:** *The follower resembles a cup. When the grease gun is assembled for use with bulk lubricant, the cup opens toward the head assembly. When the grease gun is assembled for use with cartridge lubricants, the cup opens away from the head assembly.*

7. Being careful not to tear the lip of the seal on the rim of the container body, insert the follower into the container body and tighten the container cap.
8. Securely fasten the head and plunger assembly.
9. Following the instructions for filling with bulk lubricant on **Pages 3 and 4**.

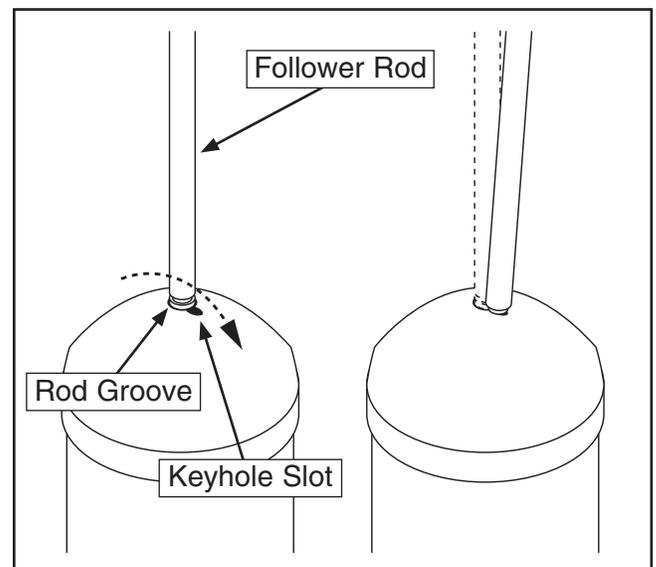
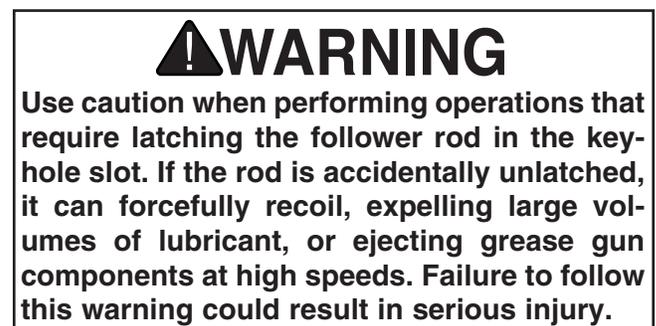
## Installing a Lubricant Cartridge

If the grease gun was previously filled with bulk lubricant instead of a cartridge, the seal may need to be reversed.

In order to install a lubricant cartridge, the follower assembly must be fully withdrawn, allowing room for the new cartridge.

### To properly load a new lubricant cartridge:

1. Pull back on the follower rod until it is fully extended, then pull it sideways to latch the rod groove into the keyhole slot in the cap (**Figure 2**).



**Figure 2.** Latching the follower rod.

2. Unscrew the head and plunger assembly and set it aside.



3. Remove an empty cartridge by carefully unlatching the follower rod from the container cap, and allowing it to slowly move into the container body.
4. After ejecting the used cartridge, pull back on the follower rod until it is fully extended, then pull it sideways to latch the rod groove into the keyhole slot in the cap (**Figure 2**).
5. Remove the caps from both ends of the new lubricant cartridge and insert the large open end of the cartridge into the container body.
6. Securely fasten the head and plunger assembly to the container body and unlatch the follower rod from the container cap.
7. Follow the **Bleeding Air Pockets** instructions on **Page 3**.

## Filling From a Bulk Lubricant Container

If the grease gun was previously filled with a lubricant cartridge instead of bulk lubricant, the seal may need to be reversed. Follow the instructions on **Page 2** for this procedure.

### To fill the grease gun with bulk lubricant:

1. Pull back on the follower rod until it is fully extended, then pull it sideways to latch the rod groove into the keyhole slot in the cap (**Figure 2**).
2. Remove the head and plunger assembly from the container body.

3. Remove any lubricant from the container body by carefully unlatching the follower rod from the container cap, and allowing it to slowly move into the container body.
4. Without introducing bubbles, pack lubricant into the cavity of the head and plunger assembly.
5. Insert the open end of the container body into the pool of bulk lubricant.
6. Slowly pull the follower handle back while pushing the container body deeper into the lubricant. This method will help prevent drawing in air bubbles.
7. When the follower rod is fully extended, pull it sideways to latch the rod groove into the keyhole slot in the container cap (**Figure 2**).
8. Securely fasten the head and plunger assembly to the container body and unlatch the follower rod from the container cap.

**Note:** *If lubricant does not readily flow when the lever is pumped (H8254) or squeezed (H8255) ten to fifteen times, follow the **Bleeding Air Pockets** instructions on **Page 4**.*



## Bleeding Air Pockets

After some lubricant filling procedures, or whenever lubricant does not dispense properly, you may need bleed air from the gun.

### To bleed air from the gun:

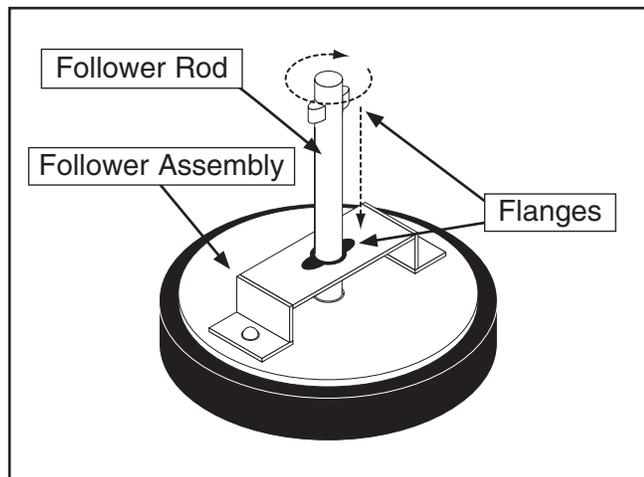
1. Make sure the head and plunger assembly is securely fastened, then unscrew it 1½ turns.

## **!WARNING**

If the head and plunger assembly is too loose when expelling air pockets, it may dislodge and forcefully eject from the grease gun causing serious injury. Never loosen the head and plunger more than 1½ turns during this procedure.

2. Engage the follower rod with the follower by rotating the follower handle (**Figure 3**).

**Note:** The follower rod is designed to engage and disengage from the follower assembly. To engage or disengage the follower, the follower rod should be pulled back and turned so that the flanges on the follower rod mate (or don't mate) with the flanges on the follower assembly. Refer to **Figure 3** for a diagram of the follower rod and follower assembly.



**Figure 3.** The follower rod and follower assembly.

3. Push in the follower handle until lubricant oozes under the head and plunger assembly, then securely fasten the head and plunger assembly.

4. Disengage the follower rod from the follower by rotating the follower handle (**Figure 3**). Push the follower rod into the container.

## Filling the Grease Gun Using a Bulk Lubricant Pump

### **NOTICE**

The instructions below **DO NOT** cover the operation of a pump operated bulk lubricant container. Be sure to follow the instructions for your bulk lubricant pump as well as the instructions below when filling the model H8254 and H8255 grease guns.

If the grease gun was previously filled with a lubricant cartridge instead of bulk lubricant, the seal may need to be reversed. Follow the instructions on **Page 2** for this procedure.

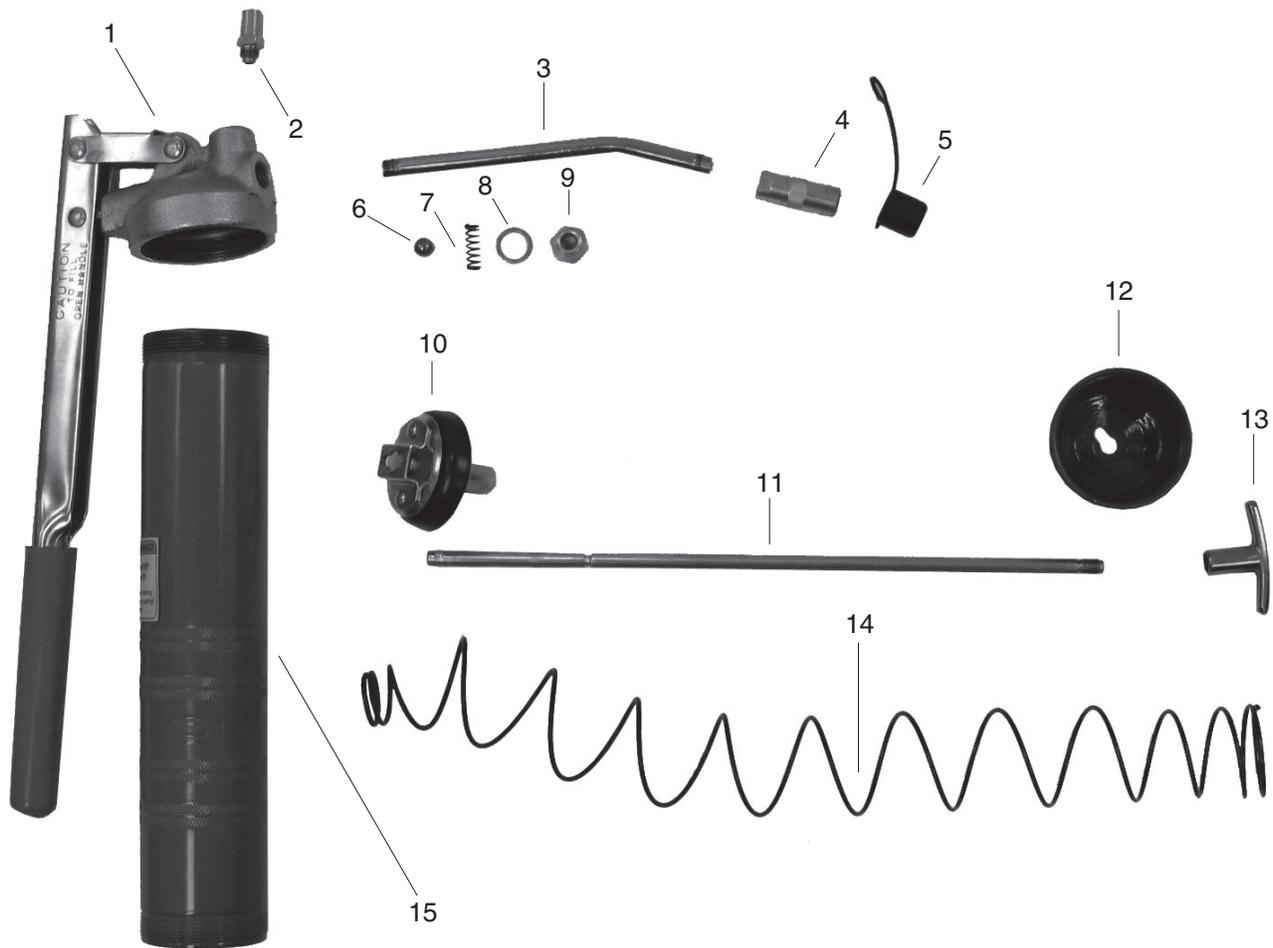
### To fill the grease gun using a bulk lubricant pump:

1. Engage the follower rod with the follower by rotating the follower handle (**Figure 3**).
2. Insert the grease gun filler valve (H8254 part #2, H8255 part #3) into the proper fitting on the pump operated bulk lubricant container.
3. Extend the grease gun handle away from the container tube (H8254 only.)
4. Operate the bulk lubricant pump to fill the grease gun container.
5. As the grease gun fills, the follower rod will extend from the container. When the follower rod groove is exposed, the container is filled.
6. Disengage the follower rod from the follower by rotating the follower handle (**Figure 3**). Push the follower rod into the container.

If you need help with your new item, call our Tech Support at: (570) 546-9663.



# H8254 Parts Breakdown and List

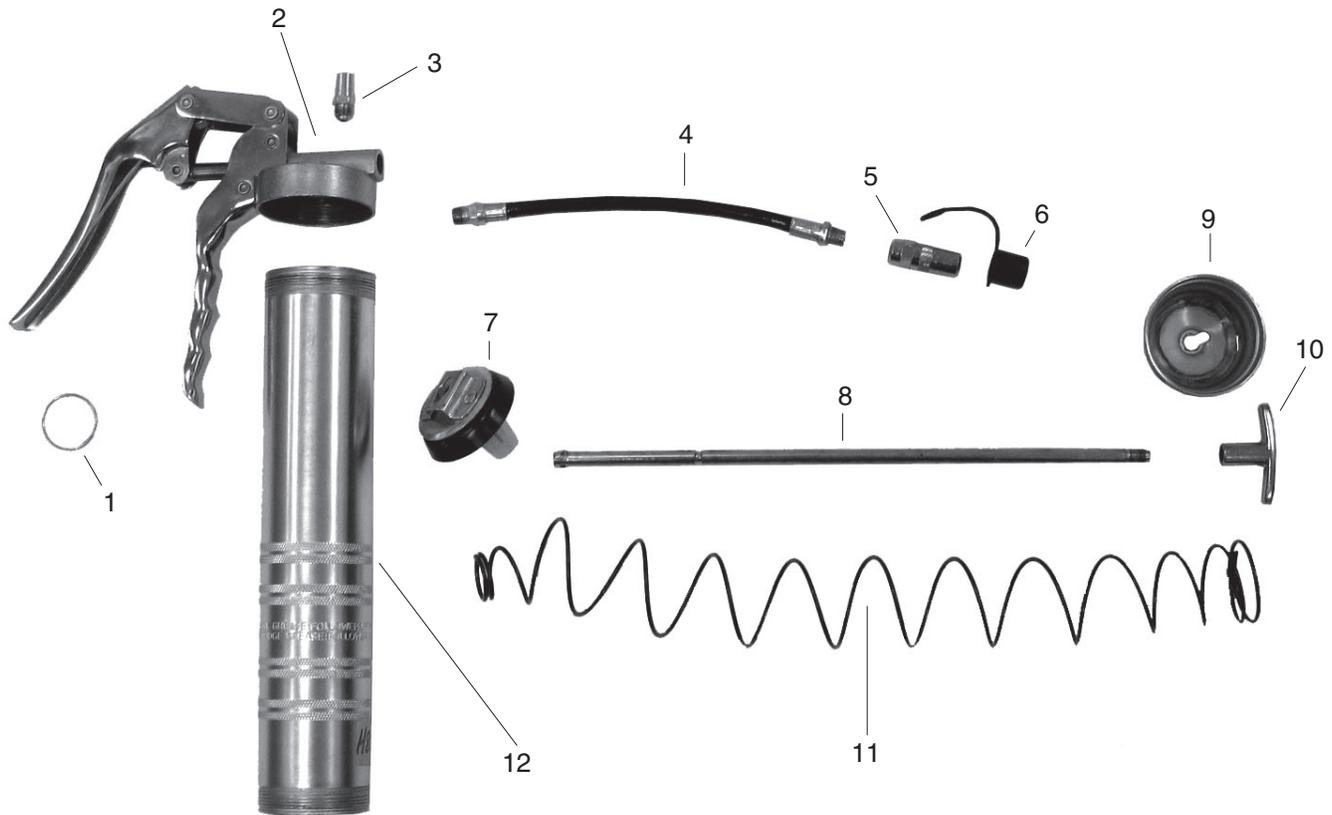


REF	PART #	DESCRIPTION
1	PH8254001	HEAD AND PLUNGER ASSEMBLY
2	PH8255002	FILLER VALVE
3	PH8254003	COUPLER EXTENSION
4	PH8254004	HYDRAULIC COUPLER
5	PH8255005	HYDRAULIC COUPLER CAP
6	PH8254006	VALVE BALL
7	PH8254007	VALVE COMPRESSION SPRING
8	PH8254008	COPPER WASHER

REF	PART #	DESCRIPTION
9	PH8254009	VALVE SEAT BOLT
10	PH8255010	FOLLOWER ASSEMBLY WITH SEAL
11	PH8255011	FOLLOWER ROD
12	PH8254012	CONTAINER CAP
13	PH8255013	FOLLOWER HANDLE
14	PH8255014	COMPRESSION SPRING
15	PH8254015	CONTAINER BODY



# H8255 Parts Breakdown and List



REF	PART #	DESCRIPTION
1	PH8255001	HANDLE LOCK RING
2	PH8255002	HEAD AND PLUNGER ASSEMBLY
3	PH8255003	FILLER VALVE
4	PH8255004	COUPLER EXTENSION HOSE
5	PH8255005	HYDRAULIC COUPLER
6	PH8255006	HYDRAULIC COUPLER CAP

REF	PART #	DESCRIPTION
7	PH8255007	FOLLOWER ASSEMBLY WITH SEAL
8	PH8255008	FOLLOWER ROD
9	PH8255009	CONTAINER CAP
10	PH8255010	FOLLOWER HANDLE
11	PH8255011	COMPRESSION SPRING
12	PH8255012	CONTAINER BODY

