

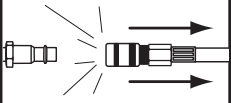


MODEL H8223 PNEUMATIC GREASE GUN INSTRUCTION SHEET

⚠ WARNING



EYE INJURY HAZARD!
Always wear safety glasses during use to prevent serious personal injury.



INJURY HAZARD!
When servicing, always disconnect tool from air to prevent unexpected operation.



**120 PSI
MAX AIR PRESSURE!**
Exceeding this PSI may result in injury/tool damage.

Specifications

Air Inlet 1/4" NPT
Average Air Consumption 4 CFM
Operating Pressure 30-100 PSI
Capacity 14 oz., (400cc bulk grease)
Weight 3.5 lbs. (Empty)

Inventory (Figure 1)

Qty

- A. Grease Gun 1
- B. Hydraulic Coupler with Extension 1

Operation

To improve tool lifespan, use a filter/lubricator/regulator setup as shown in **Figure 2**.

Otherwise, lubricate multiple times daily with 2-3 drops of pneumatic tool oil. Place the oil directly into the air fitting as shown in **Figure 3**.

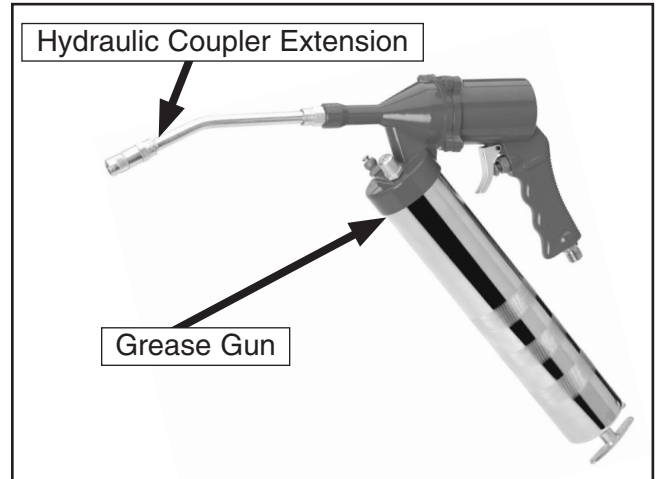


Figure 1. Model H8223.

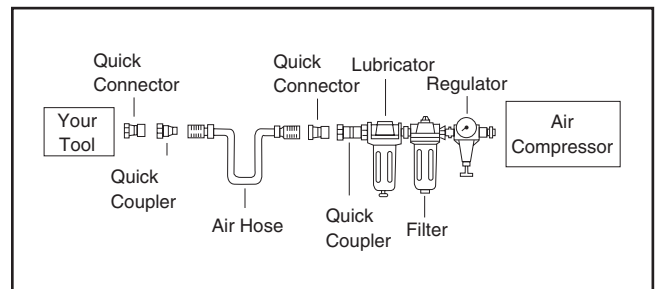


Figure 2. Installing a filter/lubricator/regulator to improve the lifespan of your tool.

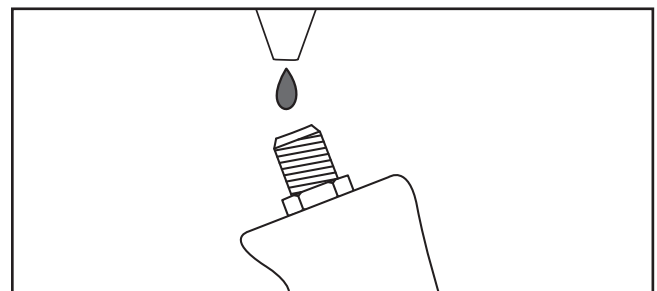


Figure 3. Lubricating directly into air fitting.

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

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To operate your H8223 grease gun:

1. Connect the grease gun to compressed air regulated at a pressure between 30 and 100 PSI.

Note: For quick connection type air fittings, a 1/4" NPT female plug is needed (sold separately.)

2. Wipe all fittings clean with a shop towel.
3. Pull grease gun trigger once or twice to purge the coupler of any contaminants or old grease.

4. Push the grease gun coupler onto the fitting to be lubricated.

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 grease.

5. Pull the trigger to inject grease.
6. After lubricating, turn the coupler at a slight angle to release it from the fitting.

NOTICE

Some mechanical systems may only require a small amount of grease, while others require much more. 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.

Installing a Grease Cartridge

To install a grease cartridge, the follower assembly must be fully withdrawn, allowing room for the new cartridge.

To properly load a new grease cartridge:

1. DISCONNECT THE TOOL FROM THE AIR SUPPLY!
2. Pull the follower rod back until it is fully extended; the locking tab will automatically hold it in place (**Figure 4**).

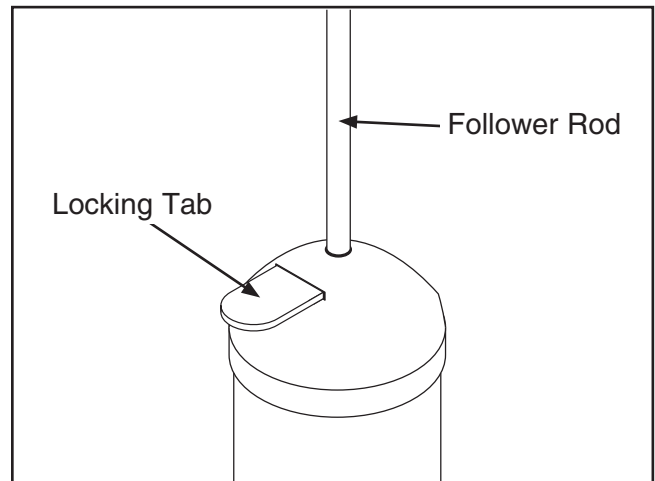


Figure 4. The follower rod and locking tab

3. Remove the head assembly (**Figure 1**), from the container body.
4. If an empty cartridge is in the gun, remove it by carefully pushing the locking tab and allowing the follower rod to slowly move into the container body.
5. After ejecting the used cartridge, pull the follower rod back until it is fully extended, and allow the locking tab to hold it in place (**Figure 4**).
6. Remove the caps from both ends of the new grease cartridge and insert the cartridge into the container body according to the instructions on the cartridge body.
7. Securely fasten the head assembly to the container body and release the follower rod by pushing on the locking tab.
8. Push the follower rod in as far as possible.



Filling from a Bulk Grease Container

1. DISCONNECT THE TOOL FROM THE AIR SUPPLY!
2. Pull the follower rod back until it is fully extended, the locking tab will automatically hold it in place (**Figure 4**).
3. Remove the head assembly from the container body.
4. Remove any grease from the container body by pushing the locking tab and carefully releasing the follower rod, allowing it to slowly move into the container body.
5. Without introducing bubbles, pack grease into the head cavity and plunger assembly until they are full (**Figure 5**).

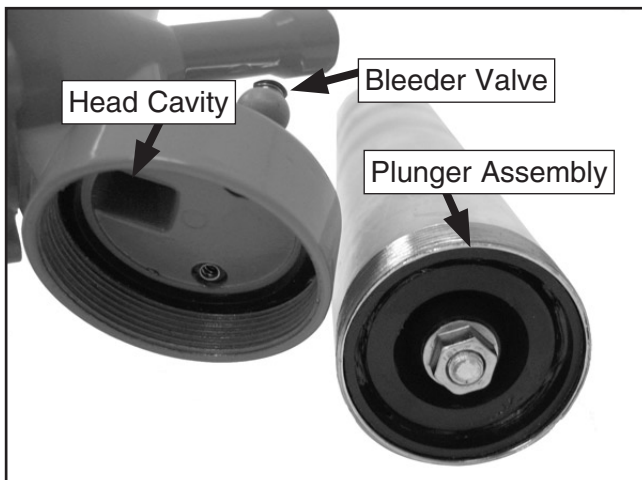


Figure 5. Grease locations and bleeder valve.

6. Insert the open end of the container body into the barrel or drum of bulk grease to be added.
7. Slowly pull the follower handle back while pushing the container body deeper into the grease. This method will help prevent drawing in air bubbles.
8. When the follower rod is fully extended, allow the locking tab to hold it in place (**Figure 4**).
9. Securely fasten the head assembly to the container body and release the follower rod by pushing on the locking tab.
10. Push the follower rod in as far as possible.

Filling With a Bulk Grease Pump

1. DISCONNECT THE TOOL FROM THE AIR SUPPLY!
2. Insert the grease gun grease inlet seat (part # 34) into the proper fitting on the pump operated bulk grease container.
3. Operate the bulk grease pump to fill the grease gun container.

Bleeding Air Pockets

If at any time you experience problems with the grease gun dispensing grease, especially after refilling, air is likely trapped in the head assembly.

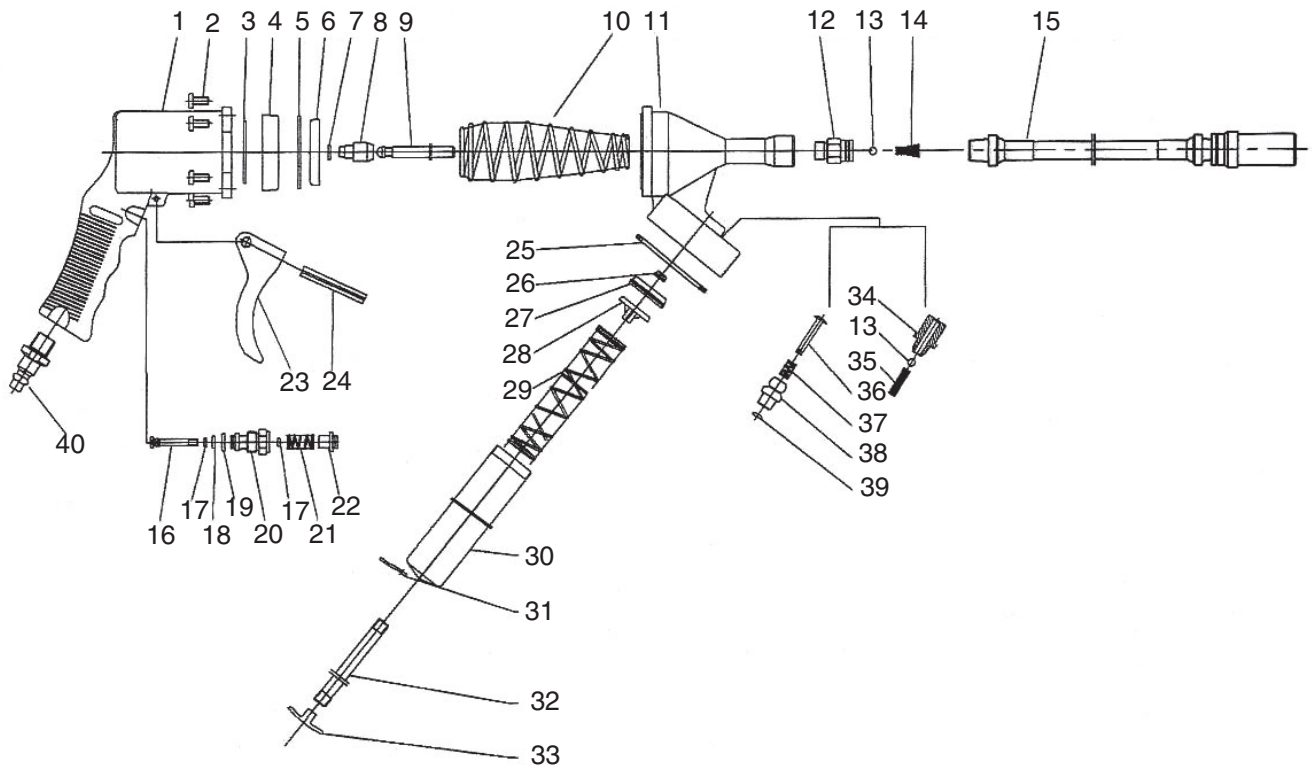
To bleed air pockets from the grease gun:

1. DISCONNECT THE TOOL FROM THE AIR SUPPLY!
2. Pull back on the follower rod until it is fully extended (**Figure 4**).
3. Release the follower rod by pushing on the locking tab.
4. Push the follower rod all the way forward while holding down the bleeder valve shown in **Figure 5**.
5. Reconnect the grease gun to the air supply, and pull the trigger several times to release any air in the head assembly and verify the grease gun works correctly.

Note: *If the grease gun does not dispense grease correctly, repeat this procedure as many times as necessary.*



H8223 Parts Breakdown and List



REF	PART #	DESCRIPTION
1	PH8223001	REAR HEAD ASSEMBLY
2	PS14M	PHLP HD SCR M6-1 X 12
3	PH8223003	REAR PISTON WASHER
4	PH8223004	PISTON
5	PH8223005	FRONT PISTON WASHER
6	PH8223006	PISTON SEAT
7	POR0061	O-RING 6 X 1.8
8	PH8223008	CONNECTOR
9	PH8223009	POLE
10	PH8223010	PISTON SPRING
11	PH8223011	FRONT HEAD ASSEMBLY
12	PH8223012	SPRING SEAT
13	PH8223013	STEEL BALL
14	PH8223014	COUPLER SPRING
15	PH8223015	HYDRAULIC COUPLER TUBE
16	PH8223016	TRIGGER VALVE STEM
17	POR0004	O-RING 4 X 2
18	PORP006	O-RING 5.8 X 1.9 P6
19	PORP009	O-RING 8.8 X 1.9 P9
20	PH8223020	SWITCH SEAT

REF	PART #	DESCRIPTION
21	PH8223021	TRIGGER VALVE SPRING
22	PH8223022	TRIGGER VALVE BODY
23	PH8223023	TRIGGER
24	PRP37M	ROLL PIN 3 X 14
25	PH8223025	HEAD SEAL
26	PFN01M	FLANGE NUT M8-1.25
27	PH8223027	FOLLOWER
28	PH8223028	FOLLOWER BACKING PLATE
29	PH8223029	FOLLOWER SPRING
30	PH8223030	CONTAINER TUBE
31	PH8223031	LOCKING TAB
32	PH8223032	FOLLOWER ROD
33	PH8223033	FOLLOWER HANDLE
34	PH8223034	GREASE INLET SEAT
35	PH8223035	FILLER SPRING
36	PH8223036	RIVET
37	PH8223037	BLEEDER SPRING
38	PH8223038	SEAT
39	PORS004	O-RING 3.5 X 1.5 S4
40	PH8223040	1/4" NPT AIR INLET