



INSTRUCTIONS

This manual contains important
warnings and information.
READ AND KEEP FOR REFERENCE.

Hand-Operated Portable Grease Dispenser

“Buckshot” Luber

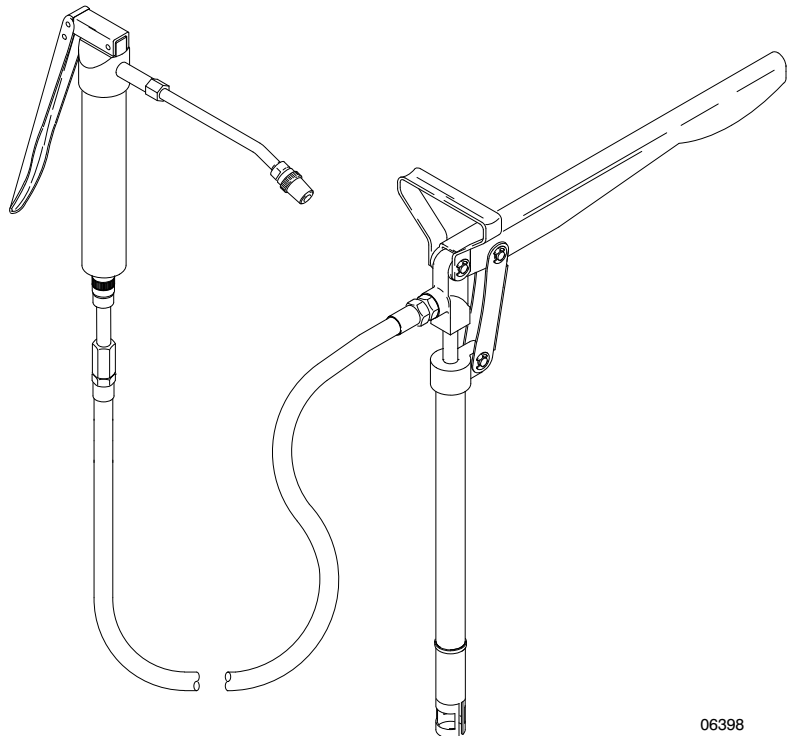
Dispenser: 3000 psi (210 bar) Maximum Delivery Pressure

*Lubricator Gun: 10,000 psi (700 bar) Maximum Delivery Pressure
when disconnected from Dispenser*

Model 225-914

Includes pump, cover for 35 lb (5 gallon)
pail, dispense hose and coupler, and lubri-
cator gun.

The pump and cover mounts directly on a
35 lb (5 gallon) pail. Delivery is 1/4 oz. of
grease per stroke. Use to service fittings,
or for more portability and higher pressure.
Use with the Lubricator Gun, supplied.



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Symbols

Warning Symbol



This symbol alerts you to the possibility of serious injury or death if you do not follow the instructions.

Caution Symbol



This symbol alerts you to the possibility of damage to or destruction of equipment if you do not follow the instructions.

WARNING



INSTRUCTIONS

EQUIPMENT MISUSE HAZARD

Equipment misuse can cause the equipment to rupture or malfunction and result in serious injury.

- This equipment is for professional use only.
- Read all instruction manuals, tags, and labels before operating the equipment.
- Use the equipment only for its intended purpose. If you are not sure, call your Graco distributor.
- Do not alter or modify this equipment.
- Check equipment daily. Repair or replace worn or damaged parts immediately.
- Handle hoses carefully. Do not pull on hoses to move equipment.
- Route hoses away from traffic areas, sharp edges, moving parts, and hot surfaces. Do not expose Graco hoses to temperatures above 66°C (150°F) or below -40°C (-40°F).
- Comply with all applicable local, state, and national fire, electrical, and safety regulations.
- Use only hand-powered pumps to fill the booster gun with lubricant.

WARNING



INJECTION HAZARD

Spray from the valve, leaks or ruptured components can inject fluid into your body and cause extremely serious injury, including the need for amputation. Fluid splashed in the eyes or on the skin can also cause serious injury.



- Fluid injected into the skin might look like just a cut, but it is a serious injury. **Get immediate medical attention.**
- Do not point the valve at anyone or at any part of the body.
- Do not put your hand or fingers over the grease fitting coupler.
- Do not stop or deflect leaks with your hand, body, glove or rag.
- Tighten all fluid connections before operating the equipment.
- Check the hoses, tubes, and couplings daily. Replace worn or damaged parts immediately. Do not repair high pressure couplings; you must replace the entire hose.
- Use only Graco approved hoses.



TOXIC FLUID HAZARD

Hazardous fluid or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, or swallowed.

- Know the specific hazards of the fluid you are using.
- Store hazardous fluid in an approved container. Dispose of hazardous fluid according to all local, state and national guidelines.
- Always wear protective eyewear, gloves, clothing and respirator as recommended by the fluid and solvent manufacturer.

Installation

Note: Numbers in parenthesis refer to callouts in the Parts List and Parts Drawing, page 6.

1. Place the handle lever (17) and then the carrying handle (18) on the pump head (19). Secure them with the pivot pin (16) and the retaining rings (6). Install the clevis (10) and secure it with the clevis pin (14) at the top and the pivot pin (13) at the bottom. Secure the pins with the retaining rings (6).
2. Apply thread sealant to the connecting rod (21) and screw it tightly into the pump head (19).
3. Connect the dispense kit (includes items 26–30) to the pump head.
4. Remove the lubricant pail cover. With the lip of the follow plate grommet (42b) *UP*, center the follow plate in the pail.
5. Insert the pump through the cover (41) and the follow plate. Center the cover on the pail and tighten the thumbscrews (34).
6. Adjust the pump so it rests on the bottom of the pail. Screw the holster (37) into the opening on the cover

Operation

WARNING

The maximum delivery pressure of this dispenser is 3000 psi (210 bar). The maximum delivery pressure of the lubricator gun, when charged and disconnected from the dispenser, is 10,000 psi (700 bar). Fluid emitted under such high pressure can cause serious injury. See the warnings on page 3.

Charging the Dispenser

1. Slowly raise the lever handle to the fully upward position to ensure a full stroke.
2. Allow the lubricant to be drawn into the pump piston and riser tube, and then push the lever handle down.

Charging the Lubricator Gun

1. Connect the dispense hose coupler to the gun's grease fitting.
2. *Without squeezing the gun handle*, pump the dispenser handle, using full strokes, until the lubricant flows through the outlet of the gun. The gun holds 3.5 ounces of lubricant.
3. To disconnect the coupler, twist it to one side.

CAUTION

To avoid damaging the the coupler, *do not pull it straight off*. Make sure that you twist the coupler while removing it.

Greasing a Fitting

1. Wipe clean the coupler and the grease fitting on the part to be lubricated.
2. Connect the hose or gun coupler to the grease fitting.
3. **Continuous delivery from the gun:**
Keep the hoses connected to the gun. Squeeze the gun handle and continue pumping the dispenser.

Continuous delivery from the dispenser hose:
Pump the handle the entire time you are dispensing.

High pressure delivery, or remote dispensing:
Charge the gun. Remove the dispenser hose. Squeeze and release the gun handle one or more times until the part is well lubricated.

WARNING

Never force lubricant into a fitting. If the lubricant is not flowing, or the coupler clogs, **STOP DISPENSING IMMEDIATELY**. Forcing lubricant may cause excessive back pressure, which could cause component rupture and serious injury. Replace damaged grease fittings.

Service

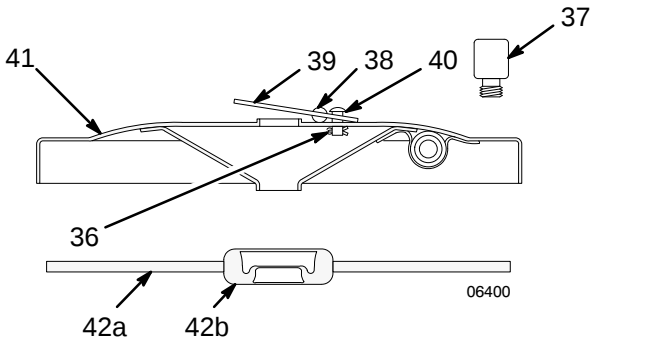
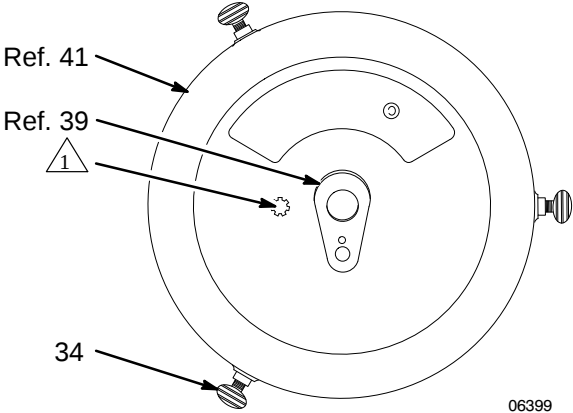
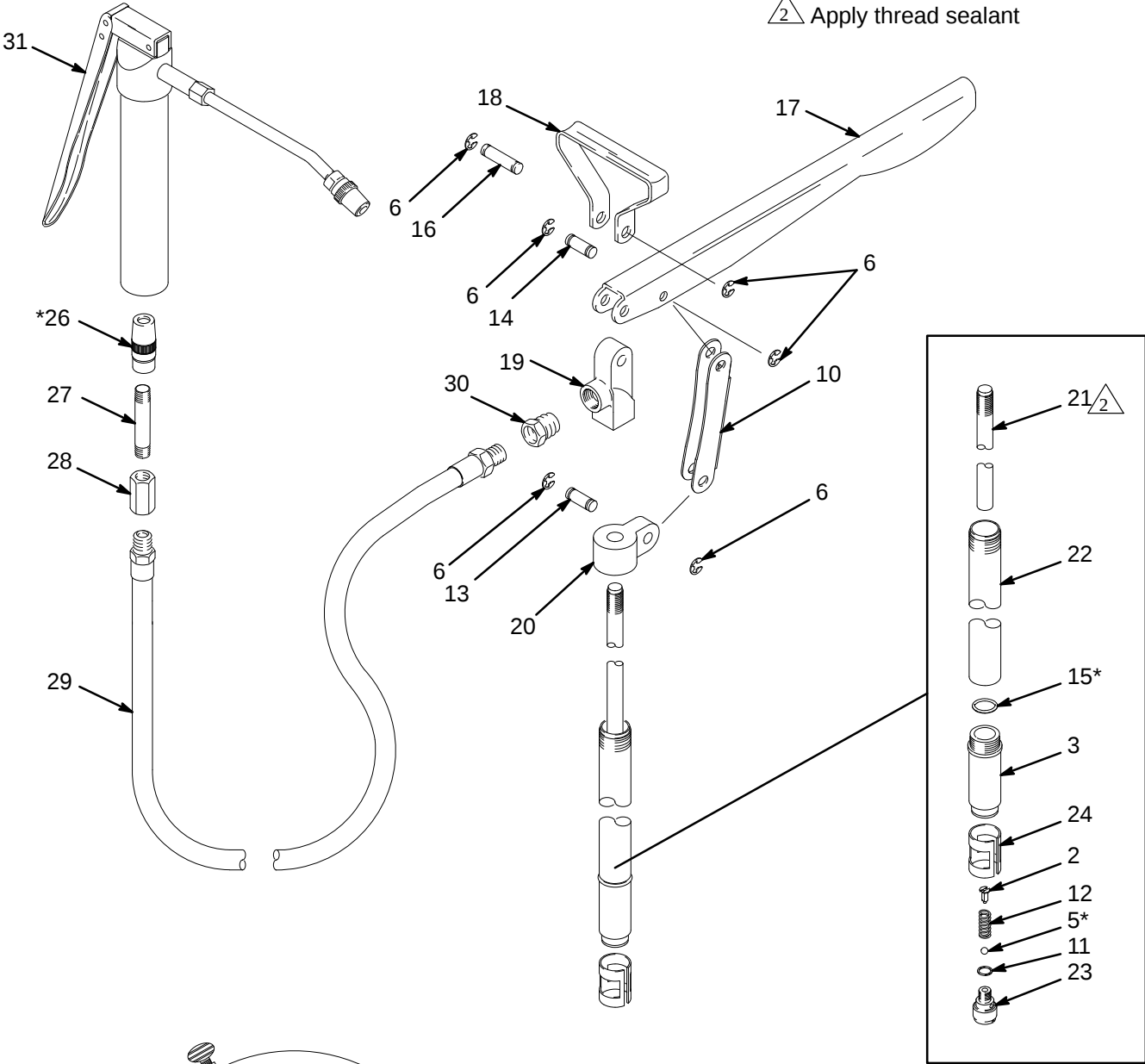
After extended use, if the pump does not deliver lubricant sufficiently and/or the lever handle feels soft and spongy when it is push downward, service the pump piston (23) and the piston ball (5).

1. Remove the pump from the pail.
2. Pull the pump lever handle upward as far as possible.

3. Insert a screwdriver into the slot at the bottom of the piston (23). Unscrew the piston. Do not lose the ball (5), spring (12), or ball stop (2), which will fall out as the piston is removed.
4. Clean all parts thoroughly with a non-flammable solvent. Replace worn or damaged parts. Re-assemble the dispenser.

Parts

- △1 Mount holster here.
△2 Apply thread sealant



Parts

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203-702	HAND-OPERATED PUMP includes items 2-24	1	27	151-249	. NIPPLE, 1/8-27 npt x 2.5"	1
2	159-148	. STOP, ball	1	28	150-278	. ADAPTER, 1/4-18 npt(f) x 1/8-27 npt(f)	1
3	202-639	. CYLINDER	1	29	109-150	. HOSE, 1/4" ID, 1/4 npt(mbe); 6 ft (1.8 m)	1
5*	100-172	. BALL, steel; 3/16" dia.	1	30	100-176	. BUSHING 1/4-18 npt(f) x 3/8-18 npt(f)	1
6	101-134	. RING, retaining	6	31	203-697	LUBRICATOR GUN See manual 306-460 for parts	1
8	150-398	. GASKET, copper	1	33	203-701	COVER AND FOLLOW PLATE includes items 34-42	1
10	150-842	. CLEVIS, pump	1	34	101-152	. THUMBSCREW	3
11	150-925	. GASKET, copper	1	36	101-274	. PIN, cotter	1
12	153-282	. SPRING, tapered	1	37	150-868	. HOLSTER	1
13	156-705	. PIN, pivot, pump base	1	38	158-048	. BUMPER, pump	1
14	157-585	. PIN. clevis and handle	1	39	158-050	. CLUTCH, pump	1
15*	158-032	. O-RING	1	40	159-608	. PIN, clutch	1
16	158-033	. PIN, pivot, pump head	1	41	203-712	. COVER, bare	1
17	158-034	. HANDLE, lever	1	42	203-550	. FOLLOW PLATE ASSEMBLY includes items 42a & 42b	1
18	158-035	. HANDLE, carrying	1	42a	158-051	.. PLATE, follow, bare	1
19	158-036	. HEAD, pump	1	42b	158-052	.. GROMMET, follow plate	1
20	158-037	. BASE, pump	1				
21	158-038	. ROD, connecting	1				
22	158-039	. TUBE, riser	1				
23	158-040	. PISTON, pump	1				
24	158-277	. CLIP, extension	1				
25	203-703	DISPENSE KIT includes items 26-30	1				
26*	200-325	. HYDRAULIC COUPLER FITTING	1				

* Recommended tool box spare parts. Keep these spare parts on hand to reduce down time

Technical Data

Maximum Delivery Pressure

Dispenser 3000 psi (210 bar)

Lubricator Gun 10,000 psi (700 bar)

Height 23 in. (584 mm)

Width 13.5 in. (343 mm)

Weight 14 lb (6 kg)

Manual Change Summary

This manual has been revised electronically.

Graco Warranty and Disclaimers

WARRANTY

Graco warrants all equipment listed in this manual which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized Graco distributor to the original purchaser for use. Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

THIS WARRANTY IS EXCLUSIVE, AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

GRACO MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN CONNECTION WITH ACCESSORIES, EQUIPMENT, MATERIALS, OR COMPONENTS SOLD BUT NOT MANUFACTURED BY GRACO. These items sold, but not manufactured by Graco (such as electric motors, switches, hose, etc.) are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

For Sales to Canadian Customers:

Except as expressly stated herein, Graco makes no representations, warranties or conditions, express, implied or collateral, concerning any goods or services sold, and **GRACO SHALL NOT BE LIABLE IN ANY MANNER FOR** any other representation, warranty or condition of any kind, whether arising by operation of law or otherwise, including but not limited to, **WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

LIMITATION OF LIABILITY

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or for the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco, or otherwise.

Graco Phone Number

TO PLACE AN ORDER, contact your Graco distributor, or call this number to identify the distributor closest to you: **1-800-367-4023 Toll Free**

Sales Offices: Atlanta, Chicago, Detroit, Los Angeles
Foreign Offices: Belgium, Canada, England, Korea, Switzerland, France, Germany, Hong Kong, Japan

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