

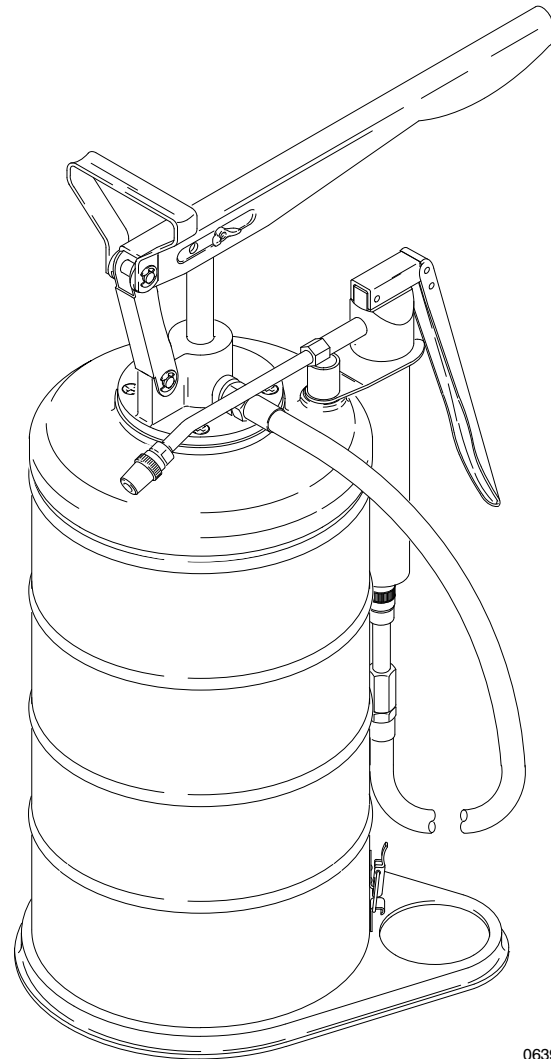


INSTRUCTIONS

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

DUAL DUTY LUBERATOR

Model 225-750



06392

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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).
- Do not move or lift pressurized equipment.
- Comply with all applicable local, state, and national fire, electrical, and safety regulations.

WARNING



PRESSURIZED EQUIPMENT HAZARD

Spray from the gun, hose leaks, or ruptured components can splash fluid in the eyes or on the skin and cause serious injury.

- Do not stop or deflect leaks with your hand, body, glove or rag.
- Do not point the dispensing valve at anyone or at any part of the body.
- Do not put your hands or fingers over the grease fitting coupler.
- Tighten all fluid connections before operating the equipment
- Check the hoses, tubes, and couplings daily. Replace worn, damaged, or loose parts immediately.



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.

[illegible]

Installation

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

1. Using thread sealer, connect the fluid hose (2) to the pump (9).
2. Unlatch and remove the shield (8) and pump.
3. Fill the container with clean, fresh grease.
4. Center the follow plate (34) on the grease, making sure that the side marked "UP" is facing upward.
5. Press the follow plate down and rotate it over the grease surface to eliminate air pockets and prevent channeling.
6. Replace the pump (9) and shield (8), and lock them in place.

Operation

Place your foot on the base plate and pump the handle (36) up and down.

Fill the reservoir booster valve (1) through the fitting on the nozzle end of the valve.

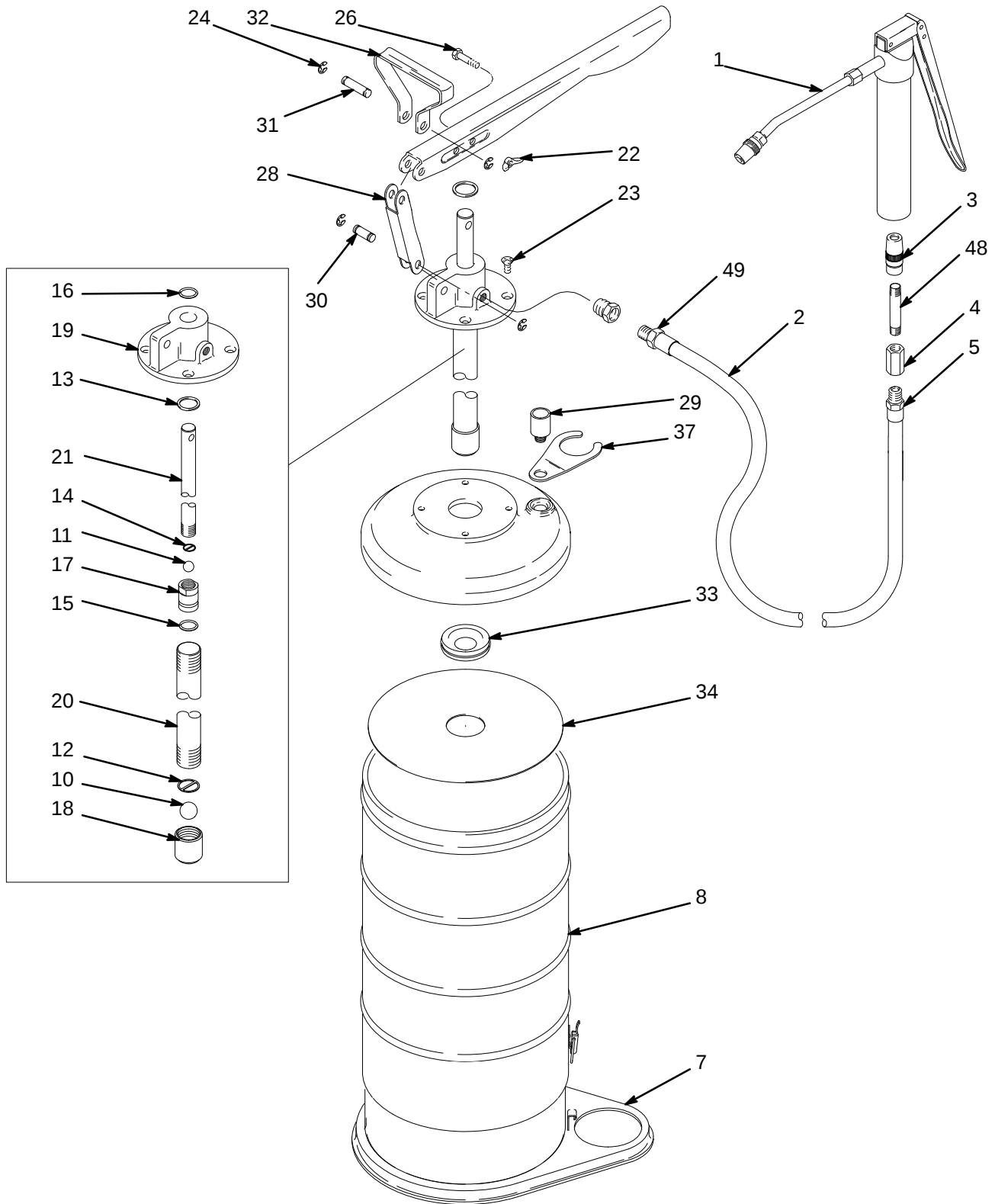
The pump pressure can be adjusted by changing the position of the pivot screw (26) to one of the three holes in the handle. With the screw in the middle hole, the pump is set for medium pressure.

Service

PROBLEM: Not enough grease pressure or discharge per stroke:

1. Remove the intake valve (18) from the cylinder (20).
2. Remove the piston (17) from the connecting rod (21).
3. Remove the o-ring (13) from the outlet housing (19).
4. Clean and inspect all parts, replacing as needed.
5. Seat the balls (10 and 11) in the piston (17) and intake valve (18) housings. Use a brass rod and hammer to lightly tap the balls against their seats.
6. Reassemble the remaining pump parts.

Parts



06393

Parts List

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203-697	RESERVOIR BOOSTER VALVE see manual 306-460 for parts	1	17	164-881	.. PISTON	1
2	203-703	DISPENSE KIT Includes items 3-5, 48, 49	1	18	167-296	.. HOUSING, intake valve	1
3	200-325	. HYDRAULIC COUPLER see manual 306-708 for parts	1	19	167-518	.. HOUSING, outlet	1
4	150-278	. ADAPTER, hex; 1/4 npt(f) x 1/8 npt(m)	1	20	169-422	.. TUBE, cylinder	1
5	109-150	. HOSE; 1/4" ID; cpd 1/4 npt (mbe); 6' (1.8 m) long	1	21	169-423	.. ROD, connecting	1
6	204-137	HAND SUPPLY PUMP ASSY includes items 7-37	1	22	100-191	. WING NUT; 5/16-18	1
7	202-662	. BUCKET, grease	1	23	100-326	. SCREW; flat hd mach; 1/4-20 x 1/2"	4
8	202-663	. SHIELD, bucket	1	24	101-134	. RING, retaining	4
9	208-290	. DISPLACEMENT PUMP ASSY Includes items 10-21	1	25	104-088	. RIVET, blind (not shown)	2
10	100-064	.. BALL, steel; 5/8" dia.	1	26	150-662	. SCREW, pivot	1
11	100-170	.. BALL, steel; 3/8" dia.	1	27		. SERIAL PLATE (<i>cannot order</i>) (not shown)	1
12	150-655	.. RETAINER, intake ball valve	1	28	150-842	. CLEVIS, pump	1
13	151-203	.. GASKET, copper	1	29	150-868	. HOLSTER	1
14	153-203	.. RETAINER, piston ball	1	30	156-705	. PIN, pivot, lower	1
15	155-500	.. O-RING, nitrile rubber	1	31	158-033	. PIN, pivot, upper	1
16	158-674	.. O-RING, nitrile rubber	1	32	158-035	. HANDLE, carry	1
				33	158-052	. GROMMET, follow plate	1
				34	158-096	. PLATE, follow	1
				36	158-904	. HANDLE, lever	1
				37	160-087	. BRACKET, valve hanger	1
				48	151-249	NIPPLE; 1/8 npt	1
				49	100-176	BUSHING; 1/4 npt(f) x 3/8 npt(m)	1

Technical Data

Height	24.5 in. (622 mm)
Width	13.5 in. (343 mm)
Weight	24 lb (11 kg)

Manual Change Summary

This manual was 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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