

INSTRUCTIONS

This manual contains **IMPORTANT**
WARNINGS and **INFORMATION**
READ AND RETAIN FOR REFERENCE



308273

Rev B

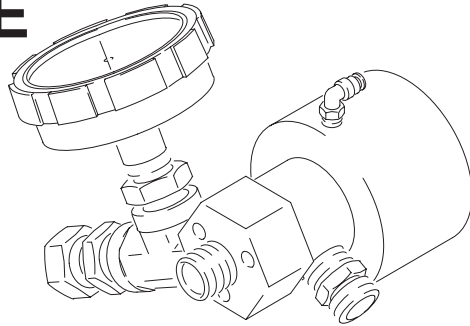
AUTOMATIC PRESSURE DRAIN VALVE

Patents Pending

Part No. 235467

For use with the GM 1030 TexSpray Sprayer

1000 psi (69 bar, 7 MPa) Maximum Working Pressure



Disassembly For Repair Or Replacement

1. Flush the sprayer. Remove the suction hose. Remove the outlet hose.

WARNING

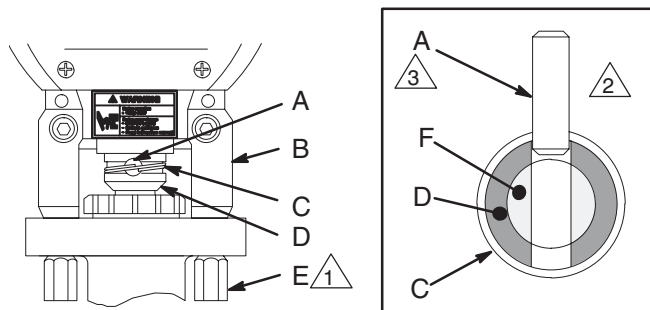
To reduce the risk of pinching or amputating a finger, keep fingers away from the connecting link and pin while jogging the engine.

2. Start the engine. Jog the Easy Spray Control (G) between PRIME and OFF until the pump connecting link stops near the bottom of the stroke and is fully exposed. See Fig 1. Shut off the engine.

WARNING

To reduce the risk of serious bodily injury, always follow this procedure before performing any checks or service.

1. Turn the Easy Spray Control to OFF.
2. Turn the engine stop lever to OFF.



1 Torque to 20 ft-lb (27 N.m)

2 Back of pump

3 Cutaway view shows how pin (A) goes through connecting rod

Fig 1

0407

3. Unscrew the collar (J) and disconnect the power supply cord from the control (G). See Fig 5.
4. Disconnect the cables (L) as shown in Fig 2.
5. Loosen the two pump mounting screws (E). See Fig 1.
6. Use a screwdriver to pry the retaining ring up (C) from the back of the connecting link (D). Then push the pin in so it falls out the back.
7. Remove the two mounting screws (E) while supporting the weight of the pump with your free hand.
8. Unscrew the gauge (M) using a 1.062" wrench. See Fig 2.
9. Unscrew the pressure drain valve assembly (N) from the the pump.

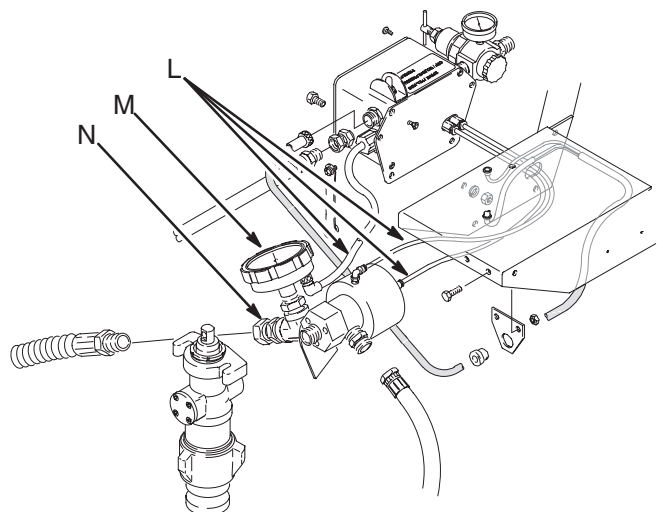


Fig 2

GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441

©COPYRIGHT 1993, GRACO INC.

Graco Inc. is registered to I.S. EN ISO 9001

Replacing packing

NOTE: The u-cup packing (R – p/n 189946) is supplied with the pump packing repair kit.

1. Remove the three screws (P). Pull off the cap (Q). Remove the packing (R). Install the new packing so the lips face into the cap. See Fig 3.
2. Reassemble the drain valve.

Reassembly

1. Screw the drain valve onto the pump.
2. Push the pin (A) slightly into the connecting link (D), but not into the mating hole of the pump. See Fig 4.
3. Pull the piston rod (F) out of the pump 2 to 3 in (50 to 75 mm). See Fig 4.
4. Align the flats of the pump piston rod and the pump outlet. Lift the pump into position and gently push on the pin while moving the pump slightly until the pin slips into the hole. Be sure the retaining ring (C) snaps down over the end of the pin. Check the back of the bearing housing to be sure the parts are installed properly. See Fig 4.

WARNING

To reduce the risk of serious injury or property damage, be sure the retaining spring is firmly and completely in the groove of the connecting link (D) to prevent it from working loose due to vibration. See Fig 4.

5. Lift the pump to align the mounting holes and install the mounting screws (E). **IMPORTANT** – torque the screws to 20 ft-lb (27 N.m). See Fig 4.
6. Connect the cables (L) to the drain valve. See Fig 2.
7. Plug in the power cord so the notch (H) in the collar (J) and the tab (K) in the socket align. Screw on the collar. See Fig 5.

GRACO PHONE NUMBER

TO PLACE AN ORDER, contact your Graco distributor, or call this number to identify the distributor closest to you:
1-800-690-2894 Toll Free

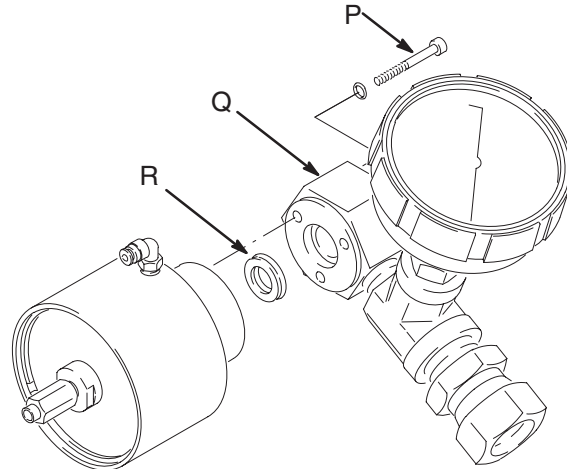
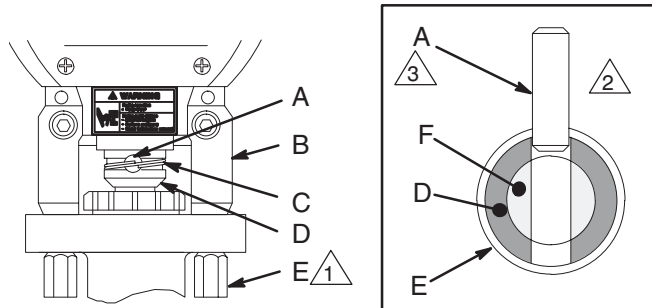


Fig 3

01792



- 1 Torque to 20 ft-lb (27 N.m)
- 2 Back of pump
- 3 Cutaway view shows how pin (A) goes through connecting rod

Fig 4

0407

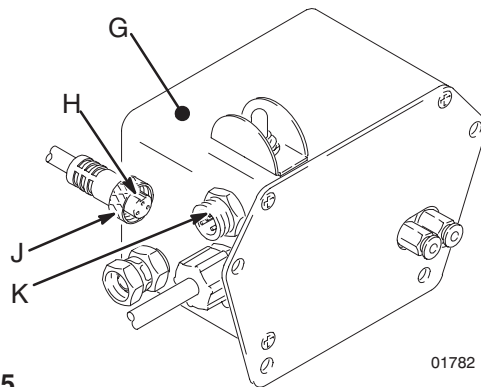


Fig 5

01782

All written and visual data contained in this document reflects the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Sales Offices: Minneapolis, Detroit
Foreign Offices: Belgium, Korea, Hong Kong, Japan

GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441

www.graco.com

PRINTED IN USA 308273 February 1993, Revised November 1999