



INSTRUCTIONS

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

Cart Kit 236-328

For the 390st and 490st sprayers.

WARNING

Pressure Relief Procedure

To reduce the risk of serious bodily injury, including fluid injection, splashing fluid or solvent in the eyes or on the skin, or injury from moving part or electric shock, follow this procedure before installing the cart kit.

1. Engage the gun safety latch.
2. Turn the ON/OFF switch to OFF.
3. Unplug the power supply cord.
4. Disengage the gun safety latch. Hold a metal part of the gun firmly to the side of a grounded metal pail, and trigger the gun to relieve pressure.
5. Engage the gun safety latch.
6. Open the pressure drain valve, having a container ready to catch the drainage. Leave the valve open until you are ready to spray again.

If you suspect that the spray tip or hose is completely clogged or that pressure has not been fully relieved after following the steps above, **VERY SLOWLY** loosen the tip guard retainer nut or hose end coupling to relieve pressure gradually. Now clear the obstruction.

1. Relieve pressure.
2. Disconnect the spray hose and drain hose (F). To remove the suction hose, pull upward on the hose (B) while unscrewing it from the inlet tube (C). The hose coupling threads will engage and the hose will separate from the tube. See Fig 1.
3. Models with RFI line filter only: Manually rotate the motor fan blades to fully lower the pump rod. Push the retaining spring (E) up and remove the pin (D). Remove the capscrews (A) and the pump. See Fig 1.

4. Unscrew the inlet tube without turning the pump inlet valve.
5. Models with RFI line filter only: Connect the pump to the sprayer, making sure the retaining spring (E) is securely around the pin (D). Tighten the screws (A) to 45-50 ft-lb (61-68 N.m). See Fig 2.

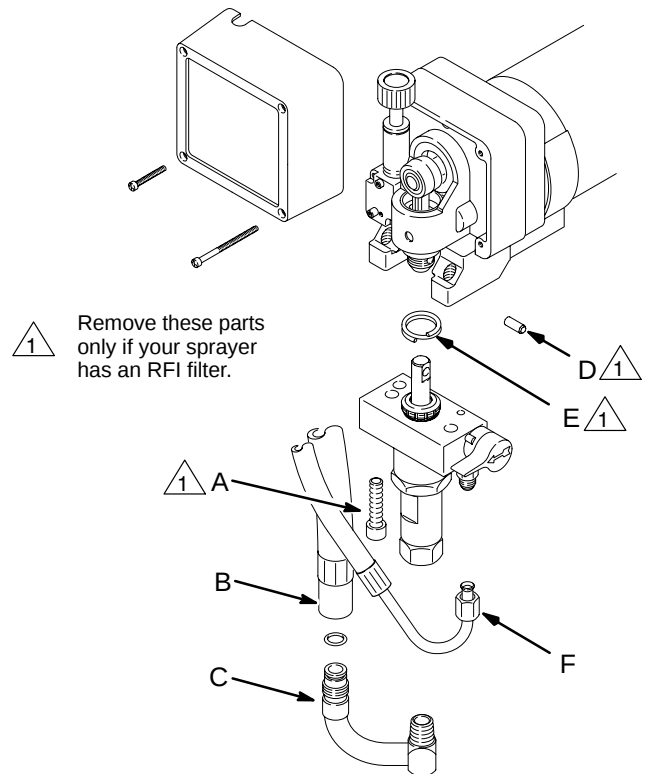


Fig 1

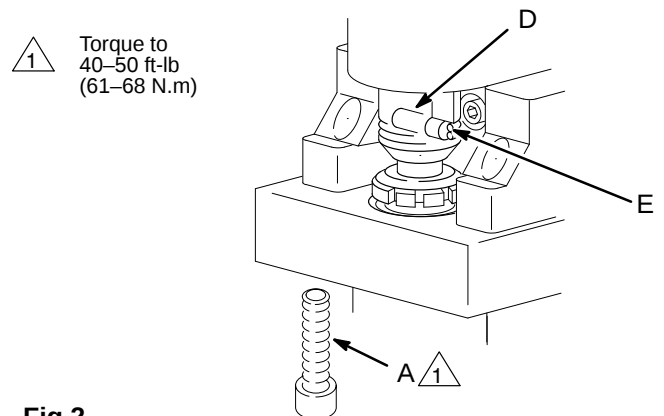


Fig 2

6. Remove the two screws which hold the motor from the bottom of the motor mounting plate. Keep the screws (G). See Fig 3.
7. Mount the sprayer to the new cart using the screws (G). Tighten to 50–55 in-lb (5.6–6.2 N.m).
8. Apply thread sealant (supplied) to the short threaded end of the suction tube (2). Screw the suction tube tightly into the pump. Screw on the strainer (4) until it is about 0.4 in. (10 mm) from the wire screen. See Fig 3.
9. Screw the drain tube (1) onto the drain valve nipple and position it as shown. Secure the tube to the pump with the clip (3) placed about 2 in. (50 mm) from the bottom. See Fig 3.

Parts

Part No. 236–328

Ref. No.	Part No.	Description	Qty.
1	189–087	Return tube	1
2	189–086	Suction tube	1
3	178–342	Spring clip 1	
4	187–765	Inlet strainer	1
5	236–386	Cart frame 1	
6	108–179	Wheel	2
7	176–884	Washer	4
8	101–242	Retainer clip	1
9	105–521	Plug	2
10	110–110	Sealant <i>not shown</i>	1

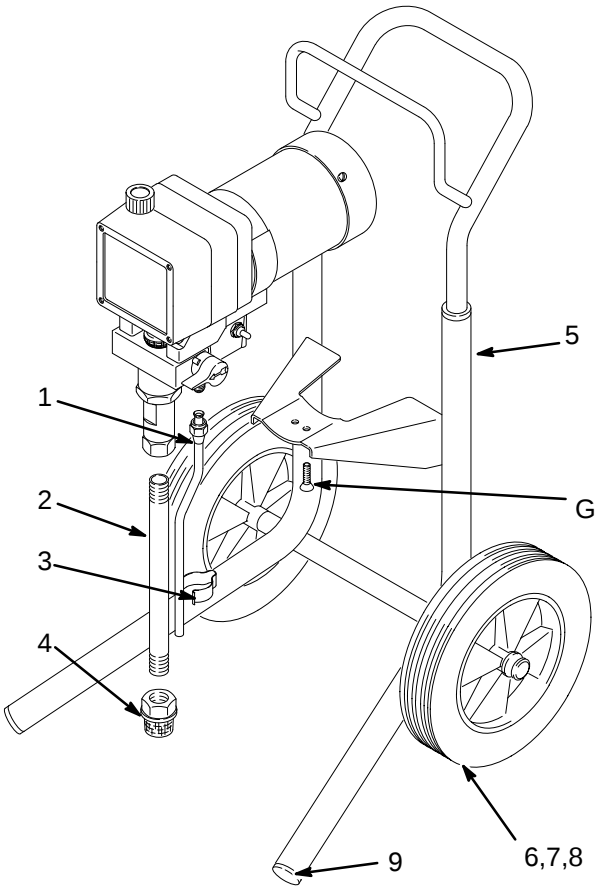


Fig 3 02584

The Graco Warranty and Disclaimers

WARRANTY

Graco warrants all equipment manufactured by it 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. As purchaser's sole remedy for breach of this warranty, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment proven 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, 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 with Graco equipment of 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 claim. 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.

DISCLAIMERS AND LIMITATIONS

The terms of this warranty constitute purchaser's sole and exclusive remedy and are in lieu of any other warranties (express or implied), **including warranty of merchantability or warranty of fitness for a particular purpose**, and of any non-contractual liabilities, including product liabilities, based on negligence or strict liability. Every form of liability for direct, special or consequential damages or loss is expressly excluded and denied. In no case shall Graco's liability exceed the amount of the purchase price. Any action for breach of warranty must be brought within two (2) years of the date of sale.

EQUIPMENT NOT COVERED BY GRACO WARRANTY

Graco makes no warranty, and disclaims all implied **warranties of merchantability and fitness for a particular purpose**, with respect to accessories, equipment, materials, or components sold but not manufactured by Graco. These items sold, but not manufactured by Graco (such as electric motor, 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.

Sales Offices: Atlanta, Chicago, Dallas, Detroit, Los Angeles, Mt. Arlington (N.J.)
Foreign Offices: Canada; England; Korea; Switzerland; France; Germany; Hong Kong; Japan

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

PRINTED IN U.S.A. 308-315 9/93