

Solvent Flush Kit

307692 Rev.D

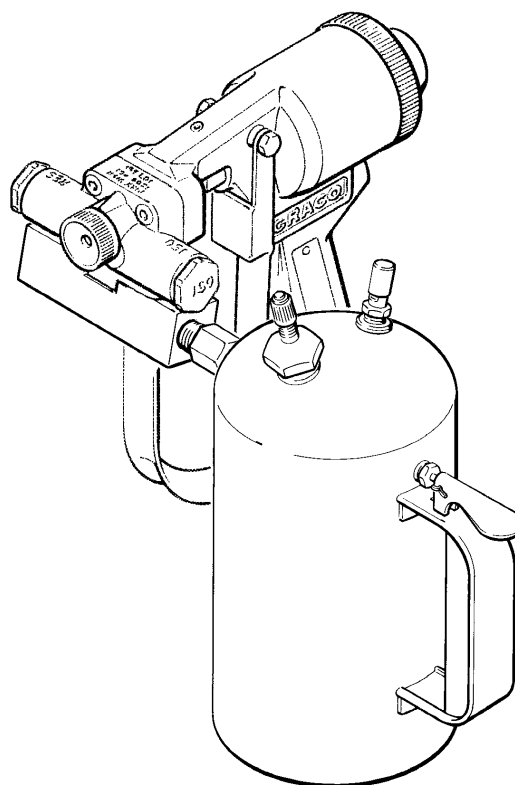
For use with the Foam-Cat™ Spray Gun (not included)

120 psi (0.8 MPa, 8 bar) maximum working pressure

Model 218669



Read warnings and instructions.



WARNING

Graco Inc. does not manufacture or supply any of the reactive chemical materials that may be used in this equipment and is not responsible for their effects. Because of the vast number of chemicals that could be used and their varying chemical reactions, before using this equipment, the buyer and the user should determine all facts relating to the materials used, including any of the potential hazards involved. Particular inquiry and investigation should be made into potential dangers relating to toxic fumes, fires, explosions, reaction times, and exposure of human beings to the individual components or their resultant mixtures. Graco assumes not responsibility for loss, damage, expense or claims for bodily injury or property damage, direct or consequential, arising from the use of such chemical components.

Symbols

Warning Symbol



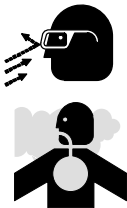
This symbol alerts you to the possibility of serious injury or death if you do not follow the instructions.

Caution Symbol



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

WARNING



PERSONAL PROTECTIVE EQUIPMENT

You must wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect you from serious injury, including eye injury, inhalation of toxic fumes, burns, and hearing loss. This equipment includes but is not limited to:

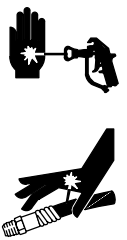
- Protective eyewear
- Clothing and respirator as recommended by the fluid and solvent manufacturer
- Gloves
- Hearing protection



TOXIC FLUID OR FUMES HAZARD

Toxic fluids or fumes can cause serious injury or death if splashed in the eyes or on skin, inhaled, or swallowed.

- Read MSDS to know the specific hazards of the fluids you are using.
- Store hazardous fluid in approved containers, and dispose of it according to applicable guidelines.



INJECTION HAZARD

High-pressure fluid from gun, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. **Get immediate medical attention.**

- Do not point gun at anyone or at any part of the body.
- Do not put your hand over the spray tip.
- Do not stop or deflect leaks with your hand, body, glove, or rag.
- Do not spray without tip guard and trigger guard installed.
- Engage trigger lock when not spraying.
- Follow **Pressure Relief Procedure** in the manual, when you stop spraying and before cleaning, checking, or servicing equipment.

⚠ WARNING



FIRE AND EXPLOSION HAZARD

Flammable fumes, such as solvent, in work area can ignite or explode. To help prevent fire and explosion:

- Keep work area free of debris, including solvent, rags and gasoline.
- Ground equipment in the work area. See **Grounding** instructions.
- If there is static sparking or you feel a shock, stop operation immediately. Do not use this equipment until you identify and correct the problem.



INSTRUCTIONS

EQUIPMENT MISUSE HAZARD

Misuse can cause death or serious injury.

- Do not exceed the maximum working pressure or temperature rating of the lowest rated system component. See **Technical Data** in all equipment manuals.
- Use fluids and solvents that are compatible with equipment wetted parts. See **Technical Data** in all equipment manuals. Read fluid and solvent manufacturer's warnings.
- Check equipment daily. Repair or replace worn or damaged parts immediately.
- Do not alter or modify this equipment.
- For professional use only.
- Use this equipment only for its intended purpose. Call your Graco distributor for information.
- Route hoses and cables away from traffic area, sharp edges, moving parts, and hot surfaces.
- Do not use hoses to pull equipment.
- Keep children and animals away from work area.
- Comply with all applicable safety regulations.

Operation

Pressure Relief Procedure

To relieve fluid pressure in gun

WARNING



INJECTION HAZARD

Read warnings, page 2. Relieve pressure before cleaning or repairing gun.

1. Engage the gun trigger safety latch (E).
2. Close the manifold needle valves (D) completely using the nut driver.
3. Disengage the trigger safety latch (E).
4. Holding a metal part of the gun firmly to the side of a grounded metal pail, trigger the gun into the pail to relieve pressure.

If the fluid continues to flow for more than a few seconds when the gun is triggered, at least one of the needle valves is partially open. Repeat the steps above, making sure to close the valves completely.

To relieve pressure in Container

To reduce the risk of splashing solvent into your eyes or skin, always follow this procedure to relieve air in the container before filling it and whenever the container is not in use. Refer to Fig 2.

5. Unscrew the plastic cap (A) from the air valve in the fill cap (B).
6. Depress the valve stem (C) until you no longer hear air escaping.
7. Loosen the fill cap slightly to relieve any remaining air.
8. Only then remove the fill cap completely.

Grounding

WARNING



FIRE AND EXPLOSION

Read warnings, page 3.

Ground all solvent pails used when flushing, following your local code. Use only metal pails, which are conductive, placed on a grounded surface. Do not place pail on a nonconductive surface, such as paper or cardboard, which interrupts grounding continuity.

To maintain grounding continuity when flushing or relieving pressure, hold a metal part of spray gun firmly to the side of a grounded *metal* pail.

Operation

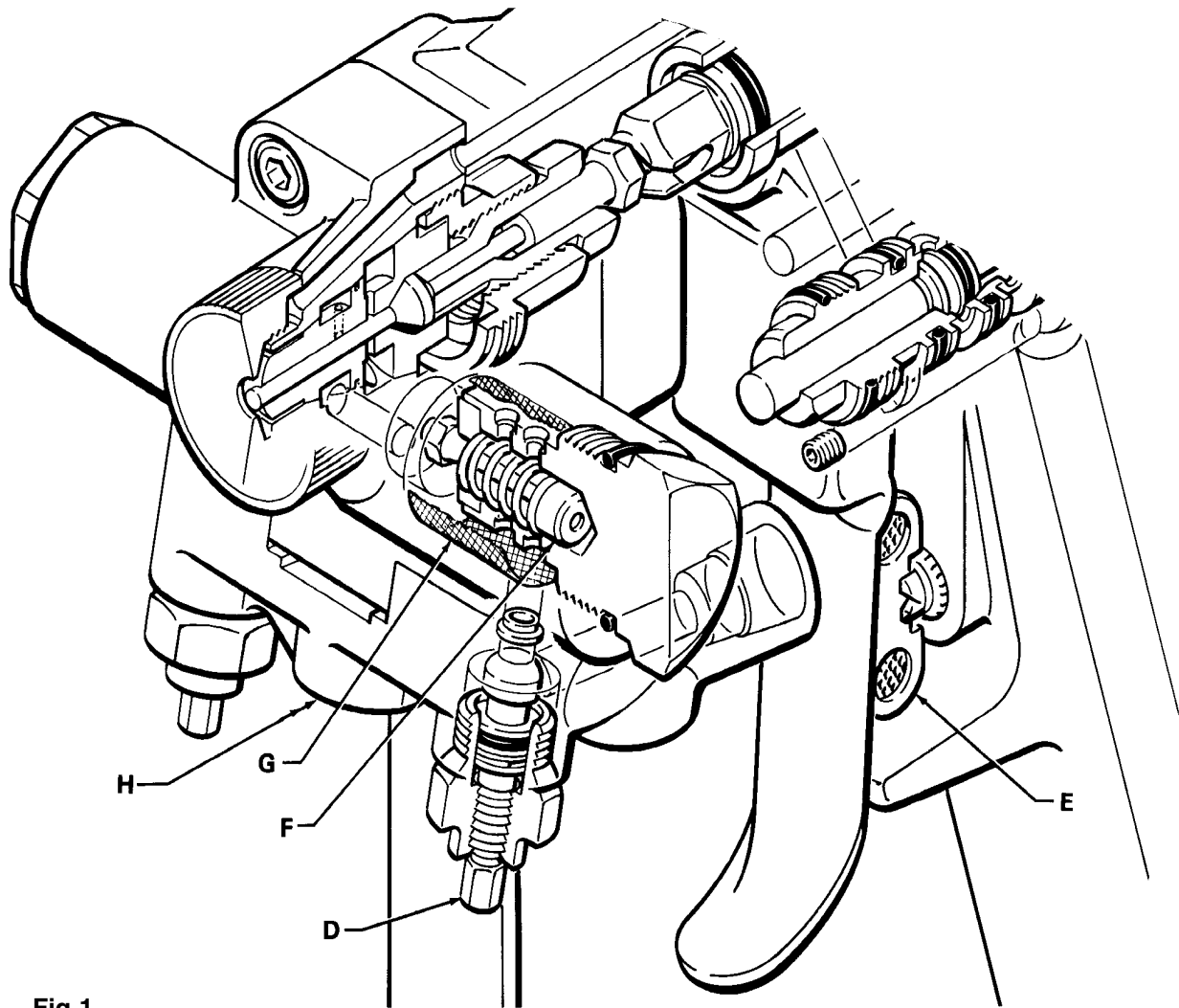


Fig 1

Installation

1. Follow the **Pressure Relief Procedure**, on page 3, then disconnect the air supply hose to the spray gun.
2. Remove the retaining ring (3). Use a 3/16" hex key wrench to remove the capscrew (H) from the gun's foam manifold, then remove the manifold. See Fig 1.
3. Remove the fill cap (B) from the solvent container (4), and fill the container just 2/3 full with a compatible solvent. Reinstall the fill cap and tighten securely.

NOTE: At least one third of the container must be empty so that it can be properly pressurized with air.

4. Attach an air hose to the air chuck assembly (6), then pressurize the container through the air valve, on the fill cap (B), to *120 psi (0.8 Mpa, 8 bar) maximum air pressure*.
5. Attach the solvent manifold (7) to the gun and tighten the screw (2) snugly.
6. Hold a metal part of the gun firmly to the side of a grounded metal pail, and aimed into it. First trigger the solvent container, then the spray gun, and flush for 10 seconds. Release the solvent container trigger and then the gun trigger. Engage the gun safety latch.
7. Remove the solvent manifold.
8. Relieve pressure in the flushing container, page 4.
9. From the gun, remove and clean the check valve housings (F) and strainers (G) in solvent. See Fig 1.
10. Clean the foam manifold with solvent and a brush, then reinstall it on gun.

⚠ CAUTION

Both silicone and Viton® check valve o-rings are available for use with the Foam-Cat gun. Be sure the solvent you use is compatible with the o-rings in the gun. See manual 307546.

Material	Color	Solvent Compatibility
Viton	Brown	Methylene Chloride
Silicone	Rust	DMF and Cellosolve

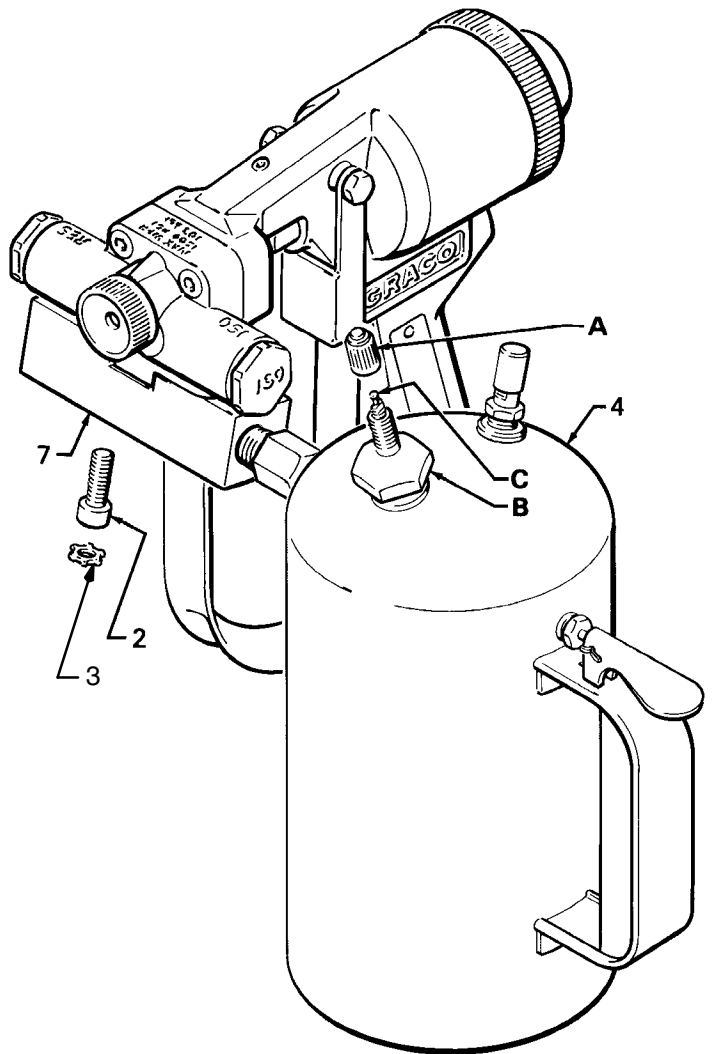


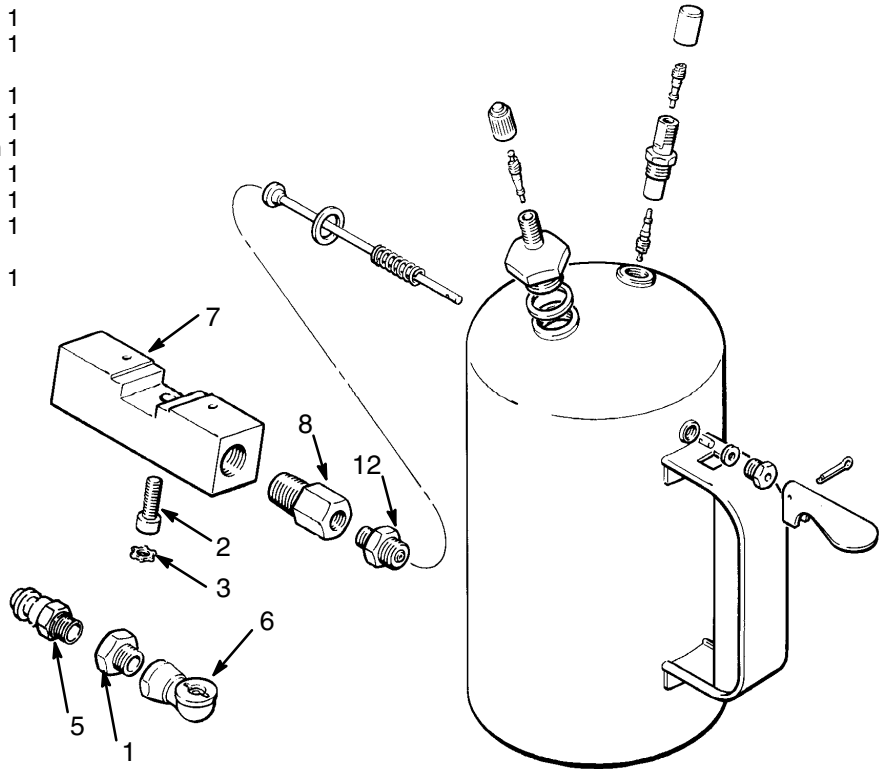
Fig 2

Parts

Model 218669, Solvent Flush Kit

Includes items 1 to 12

REF NO.	PART NO.	DESCRIPTION	QTY
1	100030	BUSHING; 1/8" to 1/4"	1
2	101550	CAPSCREW, soc head; 1/4-20 x 1/2"	1
3	107565	RING, retaining	1
4	108047	CONTAINER, solvent	1
5	108056	FITTING, air line, quick disconnect	1
6	150136	CHUCK, air, 1/4 npt(f)	1
7	180663	MANIFOLD, solvent flush	1
8	180664	ADAPTER, 3/8 x 1/4 npt	1
10	180716	LABEL, warning	1
11	168491	LABEL, identification	1
12	181324	ADAPTER, valve seat; 3/8 x 7/16 npt	1



Graco Standard Warranty

Graco warrants all equipment manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, 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.

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or 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.

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Graco Information

TO PLACE AN ORDER, contact your Graco distributor, or call one of the following numbers to identify the distributor closest to you:

1-800-367-4023 Toll Free

612-623-6921

612-378-3505 Fax

*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
International Offices: Belgium, Korea, Hong Kong, Japan

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