



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

Air Atomizer Kit

23 MPa (228 bar, 3300 psi) Maximum Working Pressure

Model 237477, Series A

INSTALLATION

Disassembly (Fig. 1)

1. Follow **Pressure Relief Procedure** on page 3.
2. Remove hose swivel (A) from Texture Spray Gun 241705 (B). Remove RAC IV Tip Guard (C) from gun.

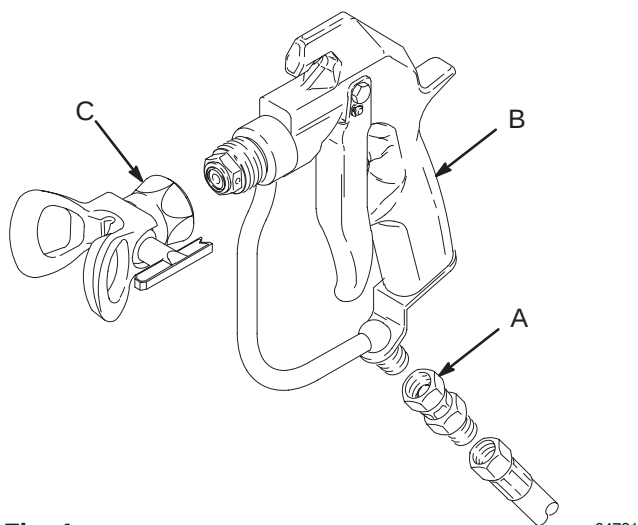


Fig. 1 04731

Assembly (Fig. 2)

1. Remove two existing screws (F). Install gun handle bracket (E) with screws (F).
2. Assemble ball valve (M) and 90° swivel elbow (K) to needle valve (L). Apply Loctite® PST pipe sealant 110110 to threads prior to assembly.

3. Assemble air valve bracket (J) to assembly K, L, and M with jam nut (H). Install knob (G) to assembly.
4. Slide combined assembly (G, H, J, K, L, and M) into gun handle bracket (E).
5. Install air atomizer head (D) to Texture Spray Gun 241705 (B) with 235 SwitchTip® (N) at top center as shown.
6. Push air tube (P) into 90° swivel elbows (K) and (R).

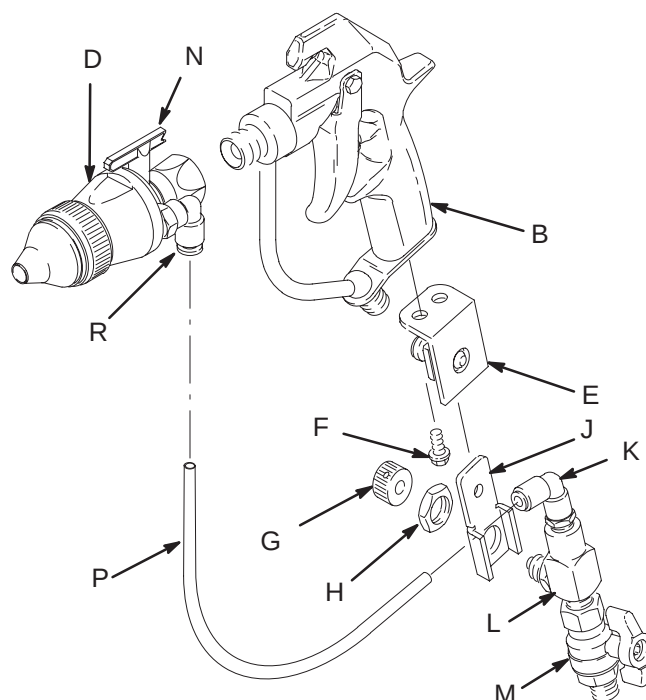


Fig. 2 04461

OPERATION

Read the **WARNINGS** on page 3.

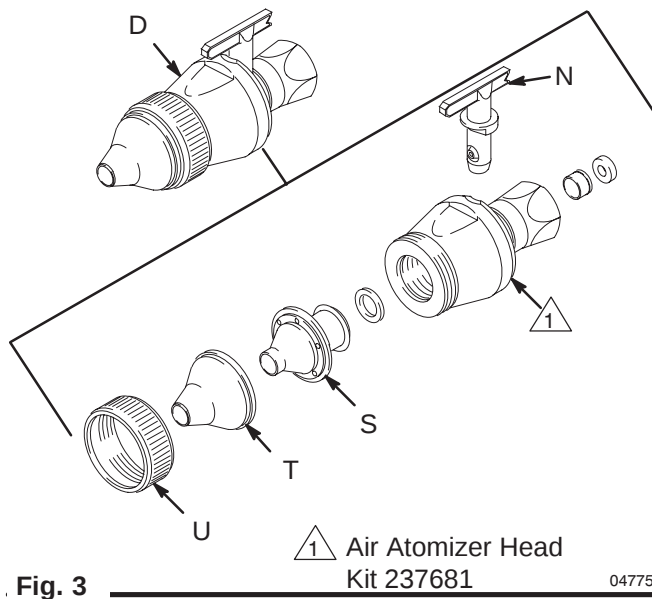
Air Compressor Size

This air atomizer is capable of passing 566 lpm (20 scfm) at 7 bar (100 psi).

Changing Material Tip and Air Cap (Fig. 3)

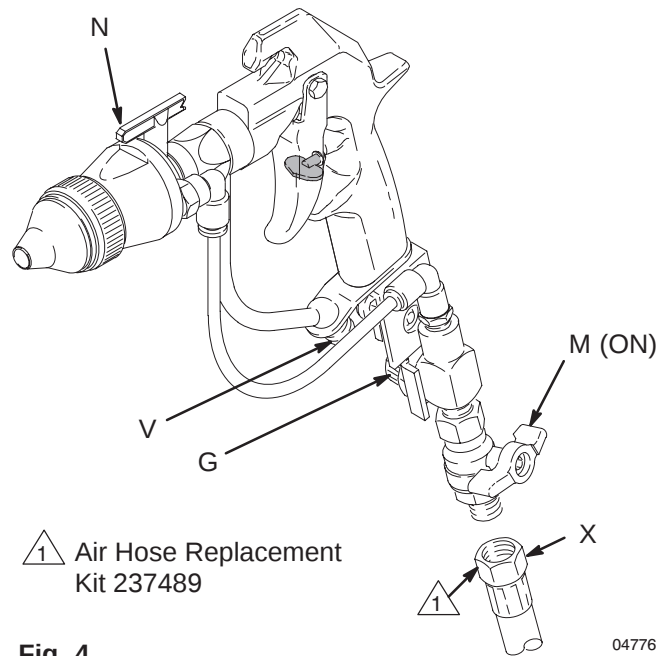
The air atomizer head (D) comes with the #4 material tip (S) and 6 mm (1/4 in.) air cap installed. The #6 material tip and 10 mm (3/8 in.) air cap may be installed for higher viscosity materials.

1. Remove retaining ring (U).
2. Replace 6 mm (1/4 in.) air cap (T) and #4 material tip (S) with 10 mm (3/8 in.) air cap and #6 material tip.
3. Replace retaining ring (U) and hand tighten.



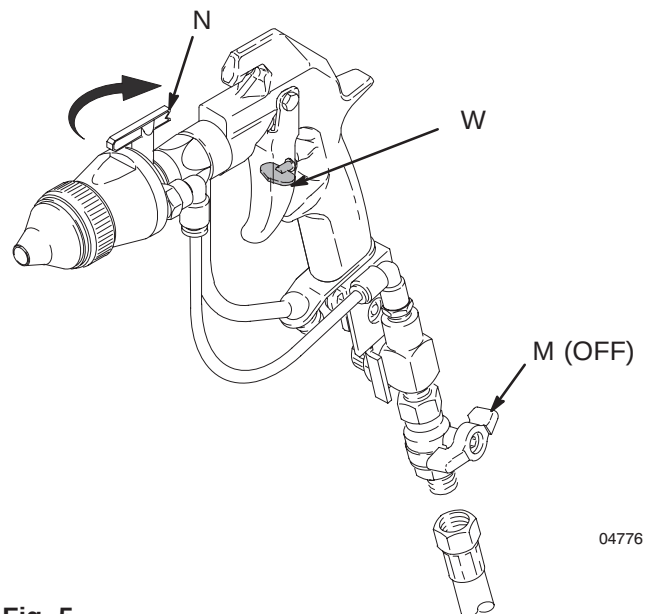
Setup (Fig. 4)

1. Connect air hose (X) to ball valve (M)
2. Connect material hose to texture spray gun (B) at (V).
3. Turn ON air with red lever on ball valve (M).
4. Adjust air volume with knob (G). Less air gives a coarser, rougher composition and more air gives a smoother, finer composition.



Clearing Clogged RAC IV SwitchTip (Fig. 5)

1. Follow **Pressure Relief Procedure** on page 3.
2. Release gun trigger. Engage safety latch. Rotate RAC IV SwitchTip (N) 180°.
3. Turn air OFF. Disengage safety latch (W). Trigger gun into pail to remove clog.
4. Engage safety latch. Rotate RAC IV SwitchTip back to spraying position.
5. If spray gun is still clogged, engage safety latch. Shut off and unplug sprayer. Open pressure drain valve to relieve pressure. Clean atomizer air head parts (Fig. 3) as shown in your spray gun manual.



Air Tube Replacement (Fig. 6)

1. Push air tube (P) into 90° swivel elbow (R) or (K). Hold down shoulder and pull out air tube. Repeat.
2. Push replacement air tube (P) into 90° swivel elbow (R) or (K). Release. Repeat.

AIR ATOMIZER KIT

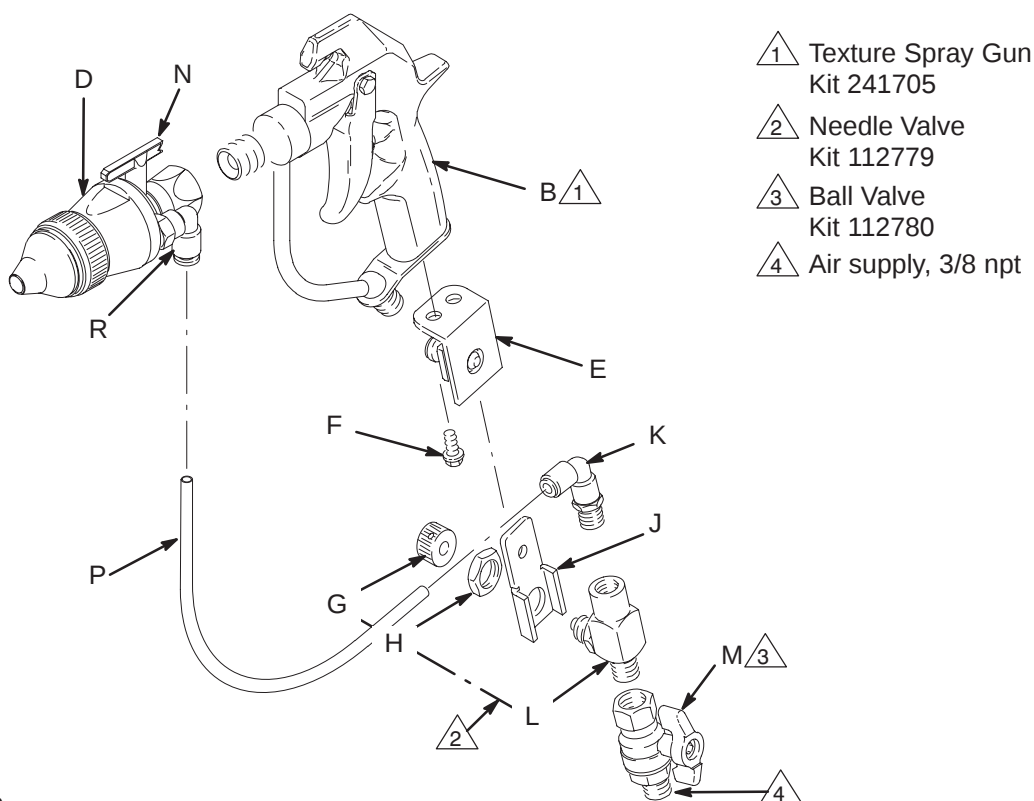


Fig. 6

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! WARNING



INJECTION HAZARD

Spray from 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 may look like just a cut, but it is a serious injury. **Get immediate medical attention.**
- Do not stop or deflect leaks with your hand, body, glove or rag.
- Follow the **Pressure Relief Procedure** below before cleaning, checking or servicing the equipment.
- 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.
- Fluid hoses must have spring guards on both ends, to help protect them from rupture caused by kinks or bends near the couplings.

Pressure Relief Procedure

1. Turn off the power supply to the pump.
2. Trigger spray gun into pail to relieve pressure.
3. Open any bleed-type master air valves and fluid drain valves in system.
4. Leave drain valve open until ready to spray again.

— The Graco Standard Sprayer 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, with the exception of defects in parts on the drive train/gear box on EM and GM sprayers or power train on EH and GH sprayers, which will be repaired or replaced for twenty-four months from the date of sale for Gas-Hydraulic (GH) and Gas-Mechanical (GM) sprayers and for thirty-six months from the date of sale for Electric-Mechanical (EM), Electric-Hydraulic (EH), 390st and 490st sprayers. 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.

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

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

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

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