



INSTRUCTIONS

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

## AS4000 Electrostatic Spray Gun

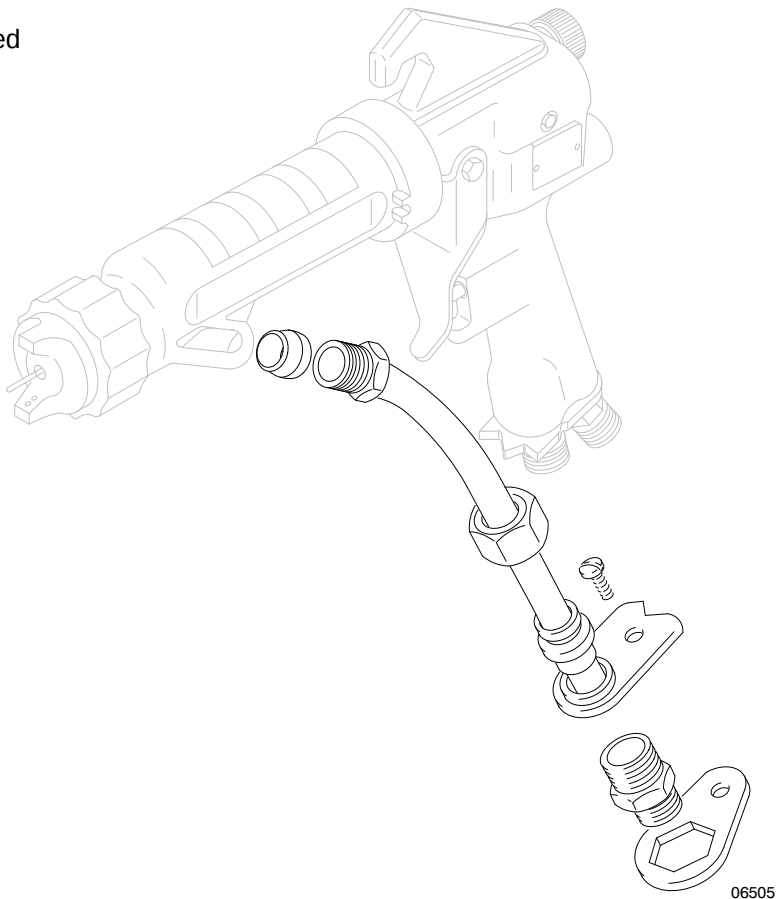
# Fluid Supply Hose Conversion Kit

Required when spraying conductive water-based  
material to isolate the fluid supply from ground.

### Kit Part No. 217-499

For AS4000 Guns\*, Part No. 215-870 and  
217-246 Series A & B Guns only.

**NOTE:** These kits have not been tested by the  
Canadian Standards Association or Factory  
Mutual. Installing these kits to certified or ap-  
proved electrostatic systems voids previous  
C.S.A. certification and/or F.M. approval.



\* Guns covered in seperate instruction manual  
307-567

# Installation

## ⚠ WARNING



### ELECTRIC SHOCK HAZARD

Installing and servicing this equipment requires access to parts that may cause electric shock or other serious bodily injury. Do not install or service this equipment unless you are qualified.

Before servicing the tip or gun, and before disassembling the gun, always turn off the High Voltage Power Supply, shut off the power source to the pump, and trigger the spray gun to relieve the fluid pressure.

Be sure your installation complies with National, State, and Local codes for the installation of electrical apparatus in a class 1, Group D, Divisions 1 and 2 hazardous location.

## Assembling the Gun

Install the new adapter (2), retainer plate (G), and screw (F) on the bracket (J).

Insert the fluid hose (1) through the adapter (2) far enough to install the collar (3), fluid tube nuts (6 & 9), fitting (8), retainer (10), and ferrule (11). These parts must be slipped onto the fluid hose (1). See the parts drawing on page 3.

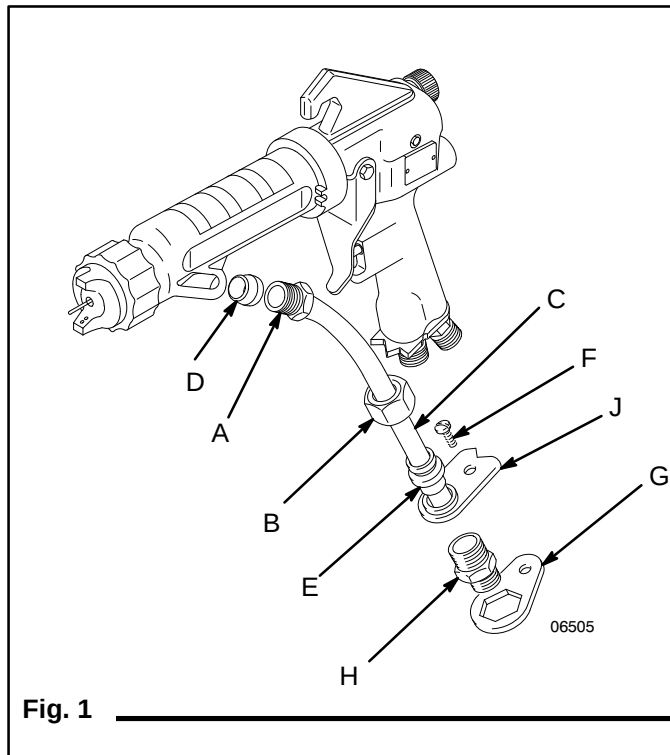
Insert the end of the fluid hose (1) into the gun barrel until it seats against the bottom of the inlet port. See the parts drawing on page 3. Hold the hose so that it is firmly seated, and slide the ferrule (11) and retainer (10) into the inlet port. Tighten the retainer (10) until the hex portion of the retainer contacts the gun barrel.

Screw the fitting (8) into the retainer (10) and tighten until the hex portion of the fitting contacts the hex portion of the retainer.

## Disassembling the Gun

Loosen the connector (A) from the gun barrel and loosen the fluid tube nut (B). Remove the fluid tube (C), nut (B), and collar (E). See Fig. 1.

Remove the connector (A) from the gun barrel. Remove the ferrule if your gun has one. Remove the screw (F), retainer plate (G), and adapter (H) from the bracket (J). See Fig. 1.

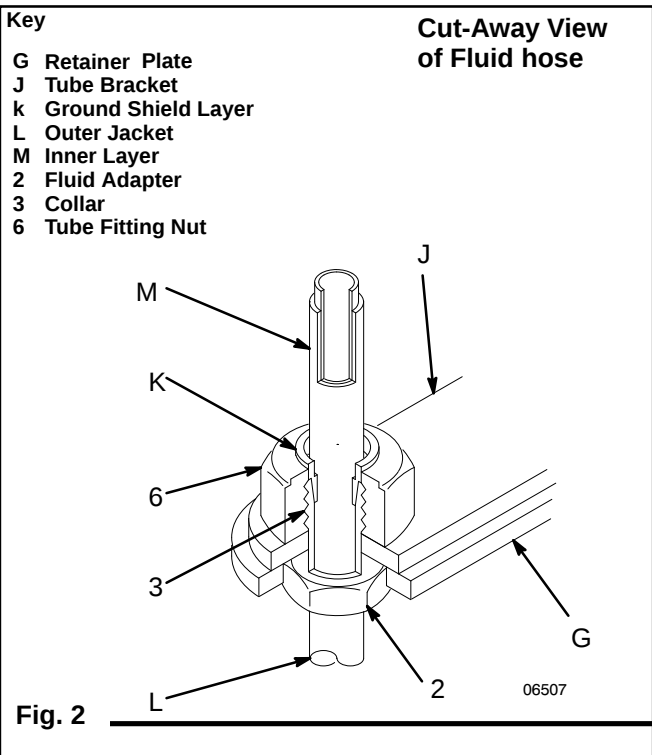


## ⚠ CAUTION

Do not overtighten the fitting (8). Overtightening will break the fitting.

Screw the nut (9) onto the fitting (8), and tighten.

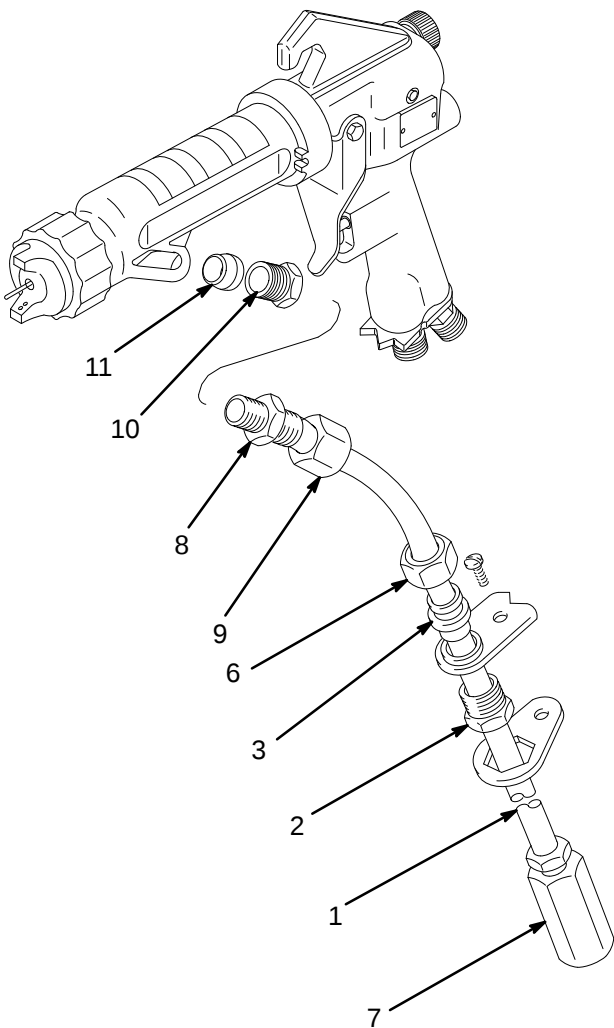
Insert a screwdriver into the slot in the collar (3), and slide it over the ground shield layer (k) of the fluid hose (1). See Fig. 2. Screw the nut (6) onto the adapter (2), and tighten.



# Parts List and Drawing

Conductive Solvent Conversion Kit 217-499  
for Mid-Range Manual Guns 215-870 &  
217-246 Series A & B.

| Ref. No. | Description |                               | Qty. |
|----------|-------------|-------------------------------|------|
| 1        | 178-840     | HOSE, fluid (Includes item 7) | 1    |
| 2        | 178-826     | ADAPTER, fluid                | 1    |
| 3        | 179-958     | COLLAR                        | 1    |
| 6        | 106-262     | NUT, tube, flareless          | 1    |
| 7        | 107-048     | CONNECTOR, female             | 1    |
| 8        | 180-553     | FITTING, male                 | 1    |
| 9        | 107-208     | NUT, ferrule                  | 1    |
| 10       | 178-130     | RETAINER                      | 1    |
| 11       | 180-550     | FERRULE                       | 1    |



06506

## Manual Change Summary

The entire manual was updated electronically.

# The Graco Warranty and Disclaimers

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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.

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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.

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