



INSTRUCTIONS

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

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Rev. B
Supersedes Rev. A

AS5000 Electrostatic Spray Gun

Fluid Supply Hose Conversion Kit

Kit Part No. 217-497

For AS5000 Gun*, Part No. 217-172; Series A, B & C guns only

Required when spraying conductive solvent-based material having a resistivity of 0.5 megohm to infinity, to maintain proper electrostatic field.

WARNING

Never use this kit with metal-flake paint. Metal-flake paint can cause static sparking, which can result in fire or explosion and serious injury or property damage.

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

* Gun covered in separate instruction manual 307-483.

Installation

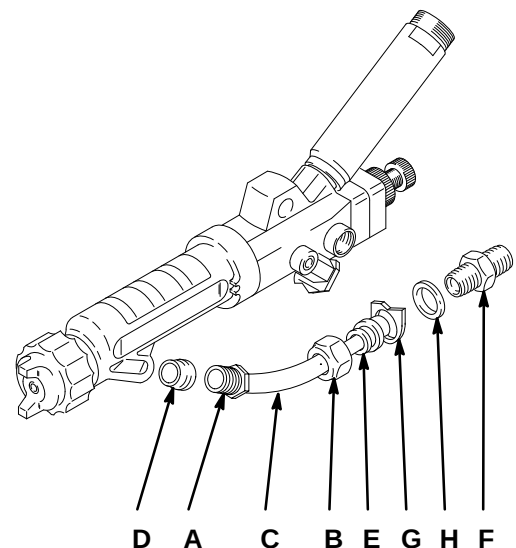
WARNING

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

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

Remove the connector (A) from the gun barrel. If your gun has the ferrule (D) shown in Fig. 1, remove the ferrule. Screw the adapter (F) out of the bracket (G) and remove the washer (H) from the adapter. See Fig. 1.



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 the collar (E). See Fig. 1.

Fig. 1

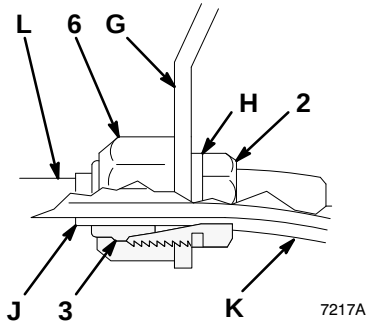
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Installation

Assembling the Gun

1. Install the washer (H) on the new adapter (2) and screw the adapter into the bracket (G). See Fig. 2.
2. Insert the fluid hose (1) through the adapter (2) far enough to install the collar (3), fluid tube nuts (6 and 9), fitting (8), retainer (10) and the ferrule (11). These parts must be slipped onto the fluid hose (1). See **Parts** below.
3. Insert the end of the fluid hose (1) into the gun barrel until it seats against the bottom of the inlet port. Hold the hose so 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.
4. Screw the fitting (8) into the retainer (10) and tighten until the hex portion of the fitting just contacts the hex portion of the retainer.

Cut-away view
of fluid hose (1)



Key

G	Tube Bracket
H	Washer
J	Ground Shield Layer
K	Outer Jacket
L	Inner Layer
2	Fluid Adapter
3	Collar
6	Tube Fitting Nut

Fig. 2

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



CAUTION

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

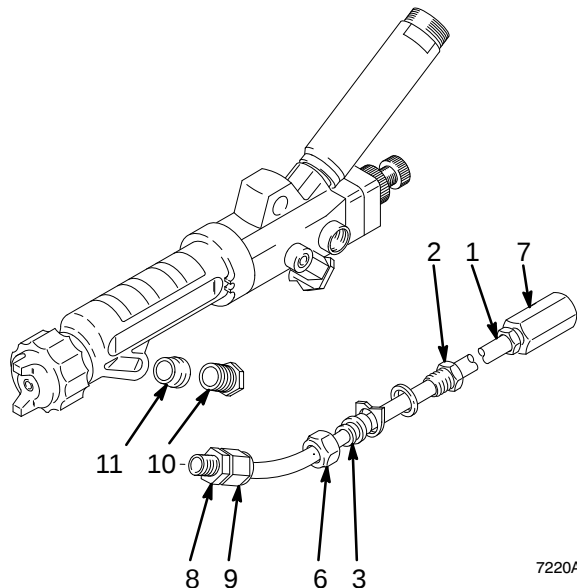
6. Insert a screwdriver into the slot in the collar (3) and slide it over the ground shield layer (J) of the fluid hose (1). See Fig. 2. Screw the nut (6) onto the adapter (2) and tighten.

Parts

Conductive Solvent Conversion Kit 217-497 for Mid-Range Automatic Gun 217-172, Series A, B, and C Only

Ref No.	Part No.	Description	Qty.
1	178-832	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	179-996	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

Order parts by name and series letter of the assembly for which you are ordering



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.

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