



First choice when
quality counts.™

Rev. B
Supersedes Rev. A



INSTRUCTIONS

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

AS135 Electrostatic Spray Gun

Fluid Supply Hose Conversion Kit

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

Kit Part No. 217-498

For AS135 Gun*, Part No. 216-065; All Series

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 307-455.

! 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.

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.

Screw the adapter (G) out of the bracket (H) and remove the washer (J) from the adapter.

Disassembling the Gun

Loosen the fluid tube nuts (A and B). Remove the fluid tube (C), nuts (A and B) and the collar (D). See Fig. 1.

Remove the fitting (E) and o-ring (F) from the gun barrel.

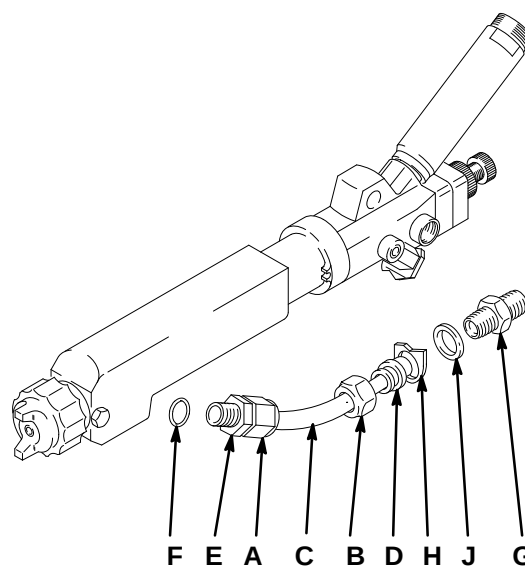


Fig. 1

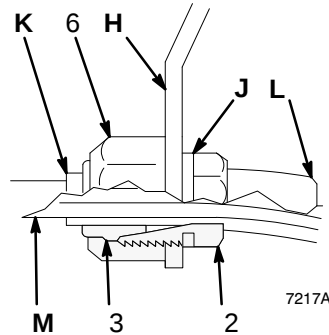
7216A

Installation

Assembling the Gun

1. Install the washer (J) on the new adapter (2) and screw the adapter into the bracket (H). See Fig. 2.
2. Install the new o-ring (10) on the new fitting (8), screw the fitting into the gun barrel and tighten. See **Parts** below.
3. Insert the fluid hose (1) through the adapter (2) far enough to install the collar (3) and nuts (6 and 9). See **Parts** below. These parts must be slipped onto the fluid hose (1).
4. Insert the end of the fluid hose (1) into the fitting (8) until it seats against the bottom of the fitting. Hold the hose firmly seated in the fitting, screw the fluid tube nut (9) onto the fitting (8) and tighten.
5. Insert a screwdriver into the slot in the collar (3) and slide it over the ground shield layer (K) of the fluid hose. See Fig. 2. Screw the fluid tube nut (6) onto the adapter (2) and tighten.

Cut-away view
of fluid hose (1)



Key

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

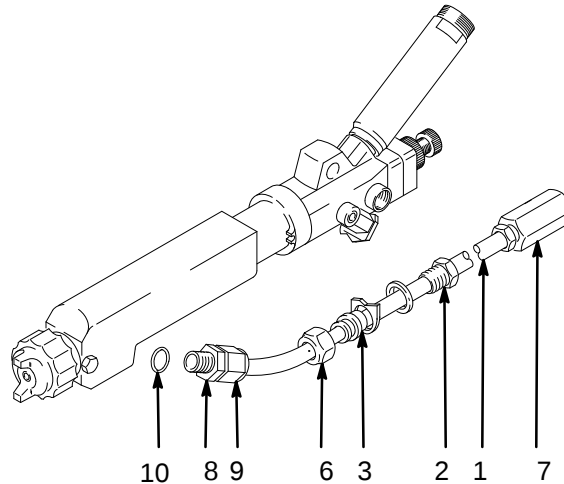
Fig. 2

Parts

Conductive Solvent Conversion Kit 217-498 for High Range Automatic Gun 216-065, all Series

Ref No.	Part No.	Description	Qty.
1	178-833	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	180-085	FITTING, male	1
9	107-208	NUT, ferrule	1
10	104-565	RETAINER	1

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



7218A

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, Los Angeles
Foreign Offices: Belgium, Canada, England, Korea, France, Germany, Hong Kong, Japan

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

PRINTED IN U.S.A. 307-684 February 1984, Revised March 1997