



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

INSTRUCTIONS

First choice when quality counts.™

FOR ALPHA™ PLUS AA SPRAY GUN

## AA RAC® Plus Gun Conversion Kit

4000 psi (28 MPa, 280 bar) Maximum Working Fluid Pressure

100 psi (0.7 MPa, 7 bar) Maximum Working Air Pressure

Kits to convert from an AA Plus Gun with standard spray tip, tip guard, and air cap to a gun with the AA RAC assembly.

### Part No. 243790

Use with gun part no. 243573 to convert to gun part no. 243576.

### Pressure Relief Procedure

#### **WARNING**



#### **INJECTION HAZARD**

To reduce the risk of a fluid injection injury, follow the **Pressure Relief Procedure** below before checking or servicing any of the system equipment and whenever you are instructed to relieve pressure.

1. Lock the spray gun trigger safety to avoid accidentally triggering the gun.
2. Shut off the power to the pump.
3. Close the bleed-type master air valve (required in the system).
4. Unlock the gun trigger safety.
5. Hold a metal part of the gun firmly to the side of a grounded metal waste container and trigger the gun to relieve the fluid pressure.
6. Lock the gun trigger safety again.
7. Open the pump drain valve (required in the system) to help relieve fluid pressure in the displacement pump. In addition, open the drain valve connected to the fluid pressure gauge (in a system with fluid regulation) to help relieve fluid pressure in the hose and gun. Triggering the gun to relieve pressure may not be sufficient. Have a container ready to catch the drainage.
8. Leave the drain valve(s) open until you are ready to spray again.
9. If you suspect that the spray tip or hose is completely clogged or that pressure has not been fully relieved after following the steps above, very slowly loosen the hose end coupling and relieve pressure gradually, then loosen the coupling completely. Now clear the tip or hose obstruction.

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# Installing the Kit

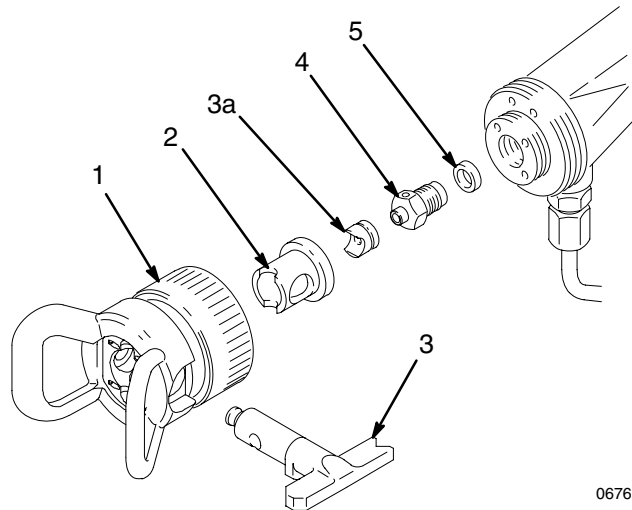
## ⚠ CAUTION

Do not retain or re-use the parts you are instructed to discard or the gun will not operate properly.

1. Relieve the pressure as instructed on the previous page.
2. Remove the air cap, tip, and air separator from the front of the gun.
3. While triggering the gun, remove and *discard* the diffuser-seat (4) and fluid gasket (5). See Fig. 1.

**NOTE:** The diffuser-seat you remove will not look the same as the new diffuser-seat, item 4 in Fig. 1.

4. Install the new fluid gasket (5) and diffuser-seat (4) from the kit into the gun.
5. Install the new RAC housing (2) into the air cap assembly (1). Align the parts, and install the tip cylinder (3).
6. Install the fluid seat (3a) into the housing (2), behind the tip cylinder (3). Align the parts.
7. Install the AA RAC Assembly (1–3a) onto the gun. Hand-tighten the air cap retaining ring, while holding the orange tip guard in the desired direction.



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**Fig. 1**

Ref. No.	Part No.	Description	Qty.
1	243570	AA RAC AIR CAP ASSEMBLY	1
2	192096	RAC HOUSING	1
3	242XXX	TIP CYLINDER; tip of choice Includes item 3a	1
3a	193000	• FLUID SEAT	1
4	243565	DIFFUSER-SEAT	1
5	115134	GASKET, fluid	1

## Graco Phone Number

**TO PLACE AN ORDER**, contact your Graco distributor, or call this number to identify the distributor closest to you: **1-800-367-4023 Toll Free**

*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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