




## Conversion Kit 257521 for AA30 Air Assisted Spray Gun (FLAT Tip) 313607A


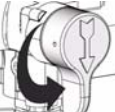
- This manual contains kit installation instructions only -



**IMPORTANT SAFETY INSTRUCTIONS**  
For detailed sprayer information and warnings, see Operation manual 313316 included with FinishPro 290 Sprayer.

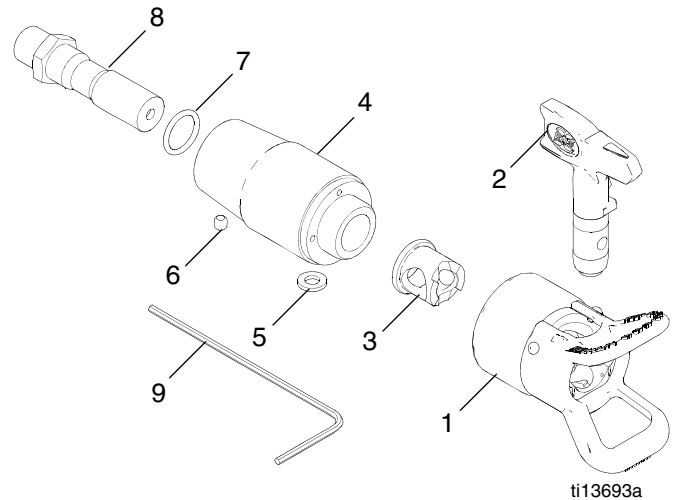
### Pressure Relief Procedure

|  |   |   |  |  |  |  |
|--|---|---|--|--|--|--|
|   |  |  |  |  |  |  |
| To help prevent injection injuries, follow this procedure when you stop spraying and before you service or clean the sprayer, remove parts, or repair leaks. |   |   |  |  |  |  |

1. Turn Power switch OFF. Unplug sprayer.
2. Turn Spray/Prime valve to PRIME to relieve pressure. Turn pressure control knob left (counterclockwise) to minimize pressure.
3. Trigger gun. 
4. Put trigger safety in safety ON position. 

**NOTE:** Leave Spray/Prime valve in the PRIME position until you are ready to spray again.

*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 tip guard retaining nut or hose end coupling to relieve pressure gradually. Then loosen it completely. Clear the tip or hose obstruction.*



| Ref. | Part   | Description                                      | Qty. |
|------|--------|--|------|
| 1    | 288465 | GUARD, RAC, alpha G40                            | 1    |
| 2    | FFT210 | TIP, spray, FF                                   | 1    |
| 3    | 15J770 | HOUSING, RAC                                     | 1    |
| 4    | 257783 | KIT, repair, manifold, RAC (includes 4, 5, 6, 7) | 1    |
| 5    | 15W160 | GASKET, tube                                     | 1    |
| 6    | 111102 | SCREW, set                                       | 1    |
| 7    | 120775 | PACKING, o-ring                                  | 1    |
| 8    | 256964 | HOUSING, diffuser, assembly                      | 1    |
| 9    | 122779 | TOOL, wrench, allen                              | 1    |

# Conversion Kit 257521

## Installation

1. Relieve pressure.
2. Disconnect air hose from gun.
3. Disconnect bracket (36) from retainer (16) and swivel bracket out of the way
4. Remove tip (28) and guard (29) from air cap manifold (26).
5. Release trigger lock (11a). Squeeze trigger (11). Remove set screw (39) at base of air cap manifold (26). Unscrew air cap manifold from front of gun.
6. Squeeze trigger(11). Remove diffuser housing (5).
7. Grease threads of needle housing (8).
8. Squeeze trigger (11) and install new diffuser housing (5). Torque to 26-32 ft-lb (36-40 N•m).
9. Remove air tube assembly (31) from air cap manifold (26) by loosening nut (N).
10. Install gasket (30) and air tube assembly (31) into new manifold (26). Torque nut (N) to 110-120 in-lb (12-15 N•m). The bend in the air tube should face towards front of manifold (26).
11. Screw manifold (26) and air tube assembly (31) to front of the gun until end of manifold is flush with end of diffuser housing (5).

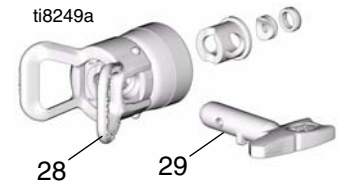
**NOTE:** The end of the diffuser housing (5) must be flush or sticking out beyond the manifold (26) in order to ensure a proper seal.



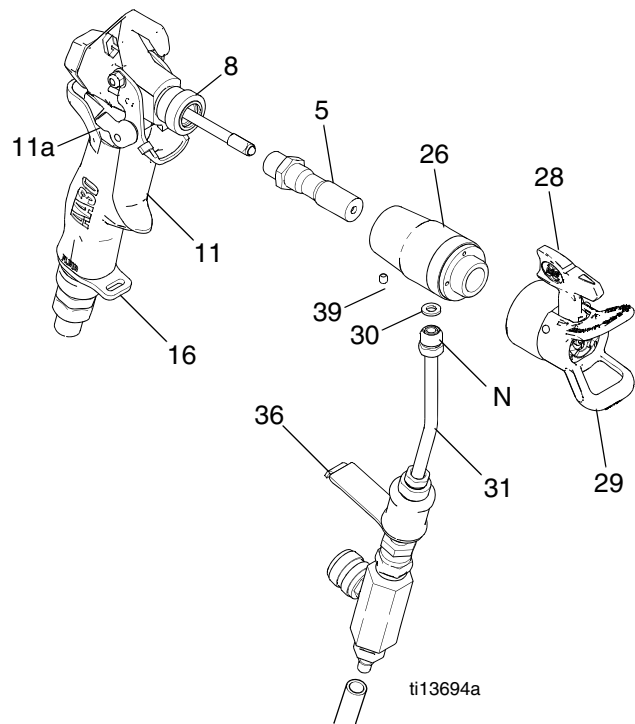
12. If air tube assembly (31) is not in downward position, continue to thread manifold (26) until it is in downward position.
13. Connect bracket (36) to retainer (16).

14. Pull trigger (11) and install set screw (39). Torque set screw to 10-12 in-lb (1.1 - 1.4 N•m).

15. Assemble tip (28) and guard (29).



16. Install tip (28) and guard (29) onto front of gun and tighten securely.



*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.*

*This manual contains English. MM 313607*

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