

AA30 Needle Repair Kit

313878A




- For servicing AA30 Air Assisted Spray Guns -



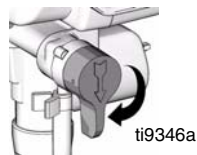
Important Safety Instructions

For detailed instructions and warnings, see sprayer manual.

Pressure Relief Procedure

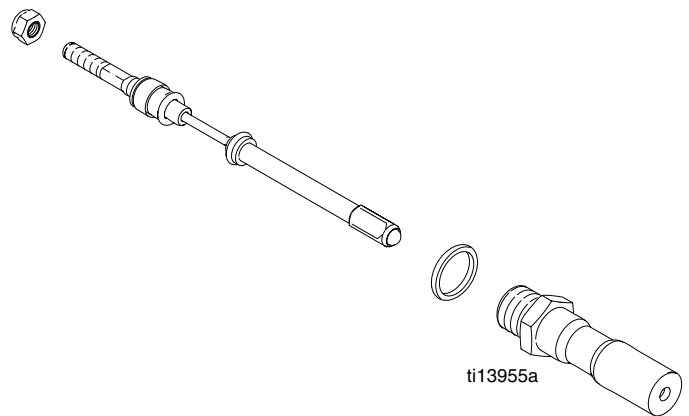
						
<p>To reduce the risk of injury from injection, always follow this procedure when instructed to relieve pressure, stop spraying, service equipment, or install or clean spray tip.</p>						

1. Set power/function selection switch to OFF and unplug sprayer.
2. Turn pressure knob to lowest setting.
3. Hold gun to side of grounded metal pail. Trigger the gun to relieve pressure.
4. Turn prime valve to PRIME.

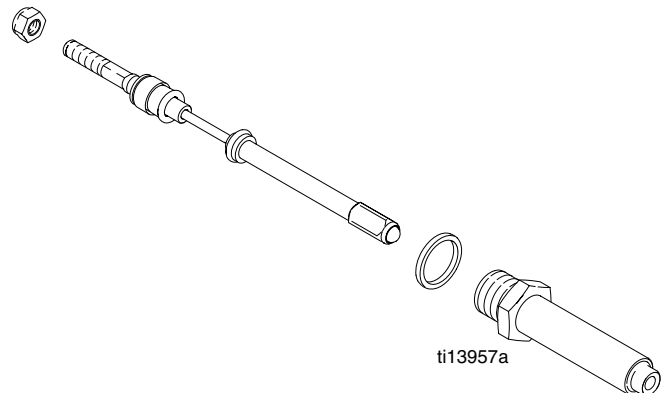


If you suspect spray tip or hose is completely clogged, or that pressure has not been fully relieved after following these steps, **VERY SLOWLY** loosen tip guard retaining nut or hose end coupling to relieve pressure gradually, then loosen completely. Clear tip or hose obstruction.

RAC Needle Kit: 257526



FLAT Needle Kit: 257527



Needle Replacement


Removal

1. **Relieve Pressure** (see cover). Set Trigger lock (11a).
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. Remove diffuser housing (1).
7. Remove locknut (4) and end cap (9).
8. Tap needle assembly (2) out, with needle exiting through front of gun.
9. Use a soft brush to clean out internal passages of gun.

Installation

1. Apply non-silicon grease to external surface of packings of new needle.
2. Guide new needle (2) through front of gun.
3. Loosely install end cap (9) and locknut (4).
4. Grease threads of needle housing (5).
5. Squeeze trigger (11) and install diffuser housing (1). Torque to 26-32 ft-lb (36-40 N•m).
6. Hold gun with diffuser housing (1) facing up.
7. Turn locknut (4) clockwise until you see and feel trigger (11) raise slightly.
8. Turn locknut (4) 3/4 turn counter-clockwise.
9. Screw air cap manifold (26) on until end of manifold is flush with end of diffuser housing (5).

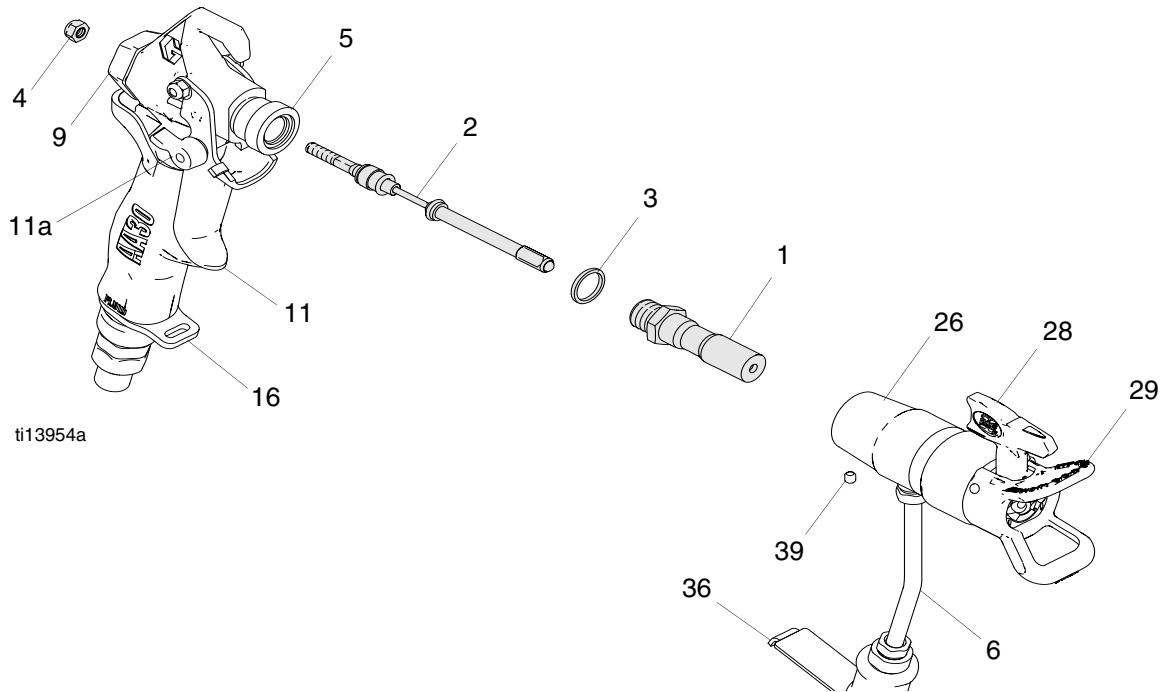
NOTE: Needle is properly adjusted when trigger moves freely.

NOTICE	
The end of the diffuser housing must be flush or sticking out beyond the manifold in order to ensure a proper seal.	

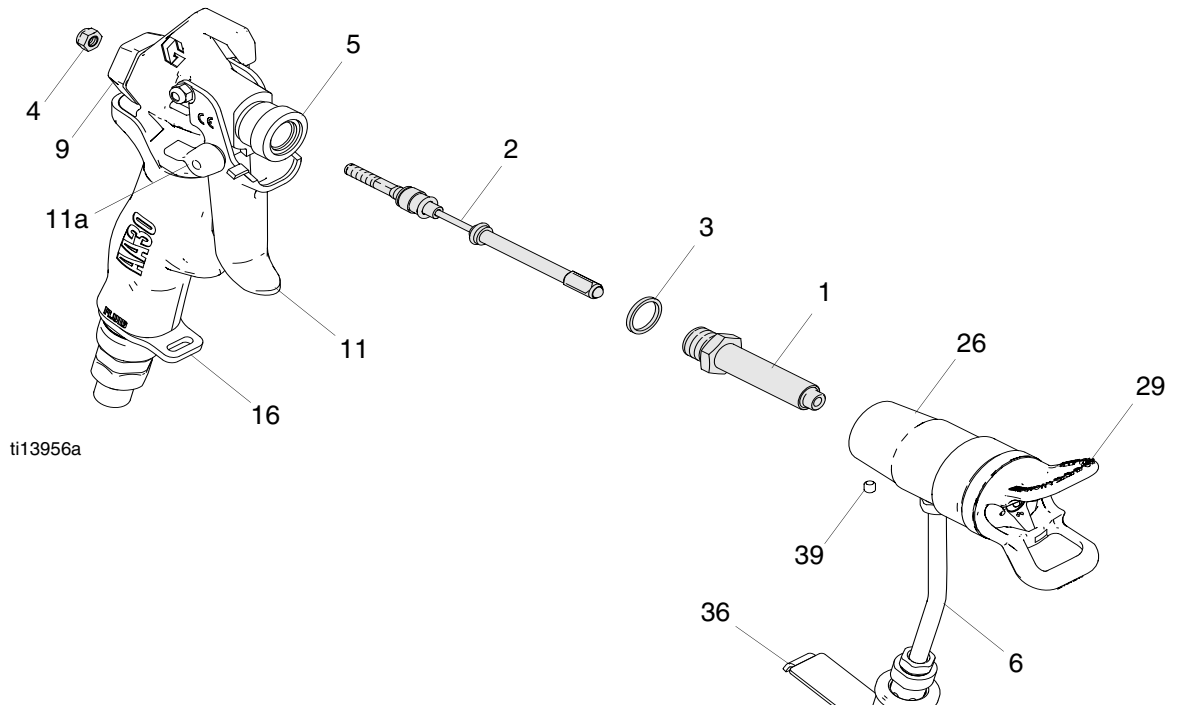
10. If air tube assembly (6) is not in the downward position, continue to thread manifold (26) until it is in the downward position.
11. Connect bracket (36) to retainer (16).
12. Pull trigger (11) and install set screw (39). Torque set screw to 10-12 in-lb (1.1-1.4 N•m).
13. Install tip (28) and guard (29) onto front of gun and tighten securely.

Parts

RAC Kit 257526:



FLAT Kit 257527:



*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 313878
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