

Four-Finger Trigger Conversion Kit

Part Number 236-163

For use on PRO AA4500™ Electrostatic Air-Assisted Airless Spray Gun, part no. 236-030 and 236-031, to change from a two-finger trigger to four-finger trigger. See other side of this form for parts included with this kit.

Installation

Installing the Conversion Kit

WARNING

To reduce the risk of serious injury, including fluid injection, splashing in the eyes or on skin, or electrostatic shock, always turn off the electrostatics to the gun and relieve all pressure in the system, as instructed in your gun manual 308-294, before beginning to install the conversion kit.

1. Loosen the screws (A) and remove the two-finger trigger (B) from the gun. See Fig. 1.
2. Loosen the bottom fluid tube nut (E) and remove the filter (F) from the gun.
3. Unscrew the top fluid tube nut (C) and remove the fluid tube (D) from the gun.
4. Unscrew the air adapter (G). Remove the bracket assembly (H), barb fitting (J) and o-ring (K).
5. Cut or grind the finger tab (L) according to the dimensions below to allow room for the four-finger trigger. Do not cut into the handle (R) or the trigger safety (S) or its support area. See Fig. 2.

WARNING

To avoid accidental triggering of the gun due to trigger safety failure, do not grind into the trigger safety or its support area.

- 1 Do not grind into the handle or the trigger safety or its support area.
- 2 Remove sharp corners on finger tab (L) as needed.

PRO AA4500 Spray Gun with Two-Finger Trigger

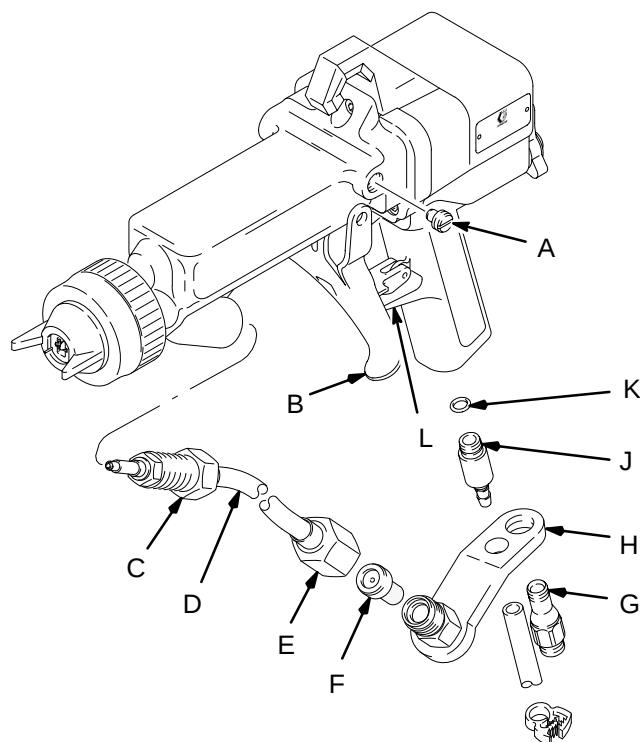


Fig. 1

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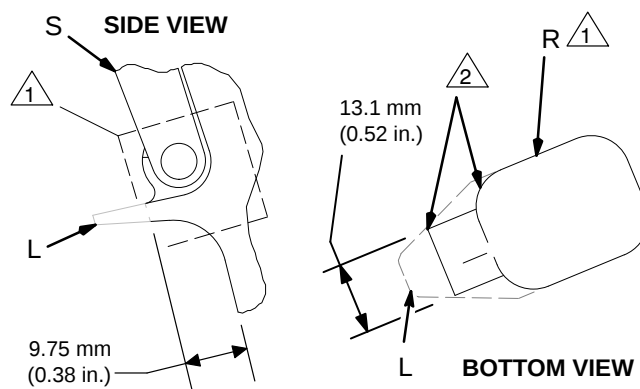


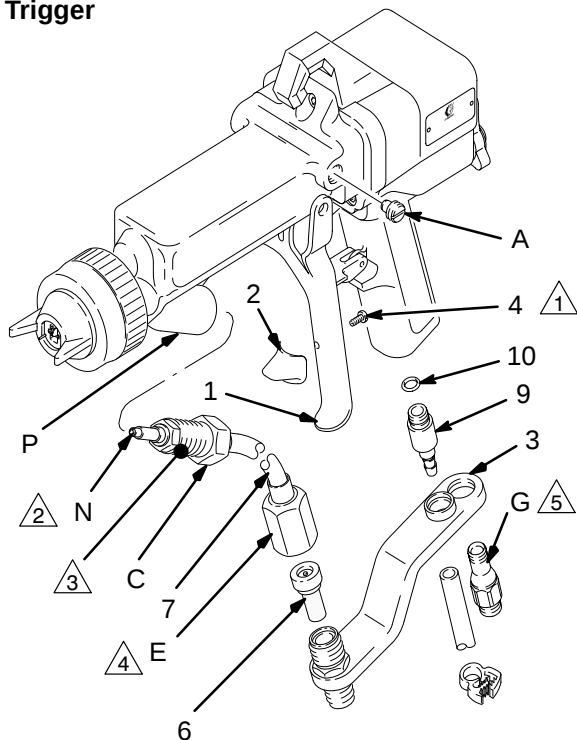
Fig. 2

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Installation

6. Apply low-strength thread sealer (such as purple Loctite®) to the screw (4) threads, then secure the finger tab (2) to the trigger (1) with the screw. See Fig. 3.
7. Install the four-finger trigger (1) with the screws (A).
8. Install the o-ring (10) onto the barb fitting (9) and install the barb fitting into the gun handle.
9. Apply grease (8) to the entire length of the plastic extension (N) on the end of the fluid tube (7).
10. Apply low-strength thread sealer (such as purple Loctite) to the bottom 1/4 in. (6 mm) of the fluid tube nut (C) threads. See Fig. 3.

PRO AA4500 Spray Gun with Four-Finger Trigger



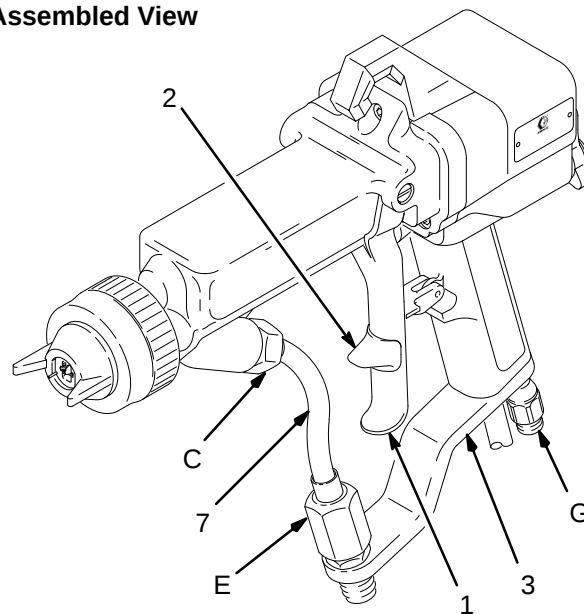
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1. Apply low-strength thread sealer to the screw threads.
2. Apply grease to the entire length of the fluid tube plastic extension (N).
3. Apply low-strength thread sealer to the bottom 1/4" (6 mm) of the threads. Tighten the top fluid tube nut 1/4 to 1/2 turn past hand-tight.
4. When tightening the bottom fluid tube nut, make sure the top fluid tube nut remains tightened.
5. Apply high strength thread sealer to the left-hand fitting threads. Torque to 35–45 in-lbs (4–5.1 N•m).

Fig. 3

11. Assemble the tube into the barrel (P). Tighten the fluid tube nut (C) 1/4 to 1/2 turn past hand-tight. There will be a gap between the nut and barrel. Do not over-tighten the nut.
12. Assemble the tube (7) and filter (6) to the bracket (3). When tightening the bottom fluid tube nut (E), make sure the top nut (C) remains tightened.
13. Install the air fitting (G) through the bracket (3). Apply high-strength thread sealer (such as green Loctite®) to the threads and install the adapter into the gun handle (adapter has left-hand threads). Torque the adapter to 35 to 45 in-lbs (4 to 5 N•m).

Assembled View



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Fig. 4

The kit includes the following parts:

Ref. No.	Part No.	Description	Qty.
1	189-034	TRIGGER, four-finger	1
2	189-023	TAB, finger	1
3	236-161	BRACKET, 4 finger	1
4	112-324	SCREW, mach.; 4-40 x 0.25"	1
6	205-264	FILTER, fluid	1
7	236-162	TUBE ASSY, fluid	1
8	217-115	GREASE	1
9	188-878	FITTING, barb	1
10	106-555	O-RING, Viton®	1

Manual Change Summary: Deleted air fitting, Part No. 189-191 (11), from the kit.

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