

Instructions - Parts List



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309360

Rev. A



INSTRUCTIONS

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

Push/Pull Fan Air Valve Kit

Part No. 244912

Converts the PRO™ Xs2, PRO™ Xs3, and PRO™ Xs4 Electrostatic Air Spray Guns to a 2-position fan air valve, to allow quick spray pattern changes.

WARNING

Pressurized Equipment Hazard

Before installing this kit, follow the **Pressure Relief Procedure** below to reduce the risk of fire, explosion, electric shock, and splashing of fluid in the eyes or on the skin.

3. Trigger the gun into a grounded metal waste container to relieve the fluid pressure.
4. Open the pump drain valve, having a waste container ready to catch the drainage. Leave the pump drain valve open until you are ready to spray again.
5. If the nozzle or hose is completely clogged or pressure is not fully relieved, slowly loosen the hose end coupling. Now clear the nozzle or hose

Pressure Relief Procedure

1. Turn the ES ON/OFF valve OFF.
2. Turn off the air bleed valves to the fluid source and to the gun.

Installation

1. Remove the fan air adjustment valve. See Fig. 1.

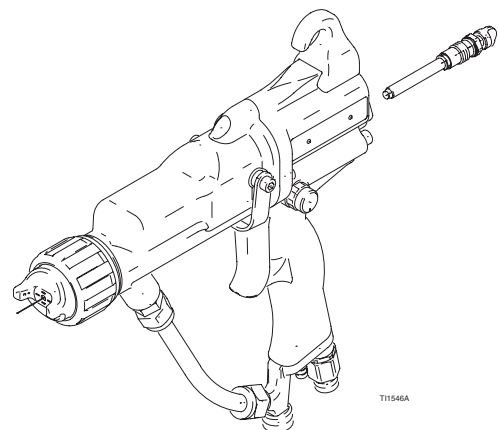
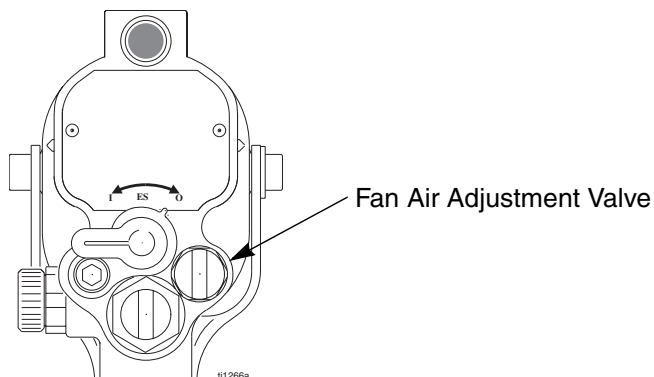


Fig. 1: Remove Fan Air Adjustment Valve

NOTE: The kit includes an optional spring (11), which allows spring-activated return to the wide pattern, if desired.

2. If desired, install the spring in the fan air valve port.
3. Apply low strength (purple) Loctite® or equivalent sealant to the threads of the new fan air adjustment valve.
4. Screw the new push/pull fan air adjustment valve into the gun. Torque to 10-12 in-lb (1.1-1.4 N•m).

Operation

To adjust the fan air to the **fullest** pattern, pull the fan air valve all the way **out**. For further adjustment, turn the knob *counterclockwise* to increase the pattern size or *clockwise* to decrease the size.

To adjust the fan air to the **narrowest** pattern, push the fan air valve all the way **in**. For further adjustment, loosen the setscrew and slide the knob on the shaft to the desired position. Tighten the setscrew to lock.

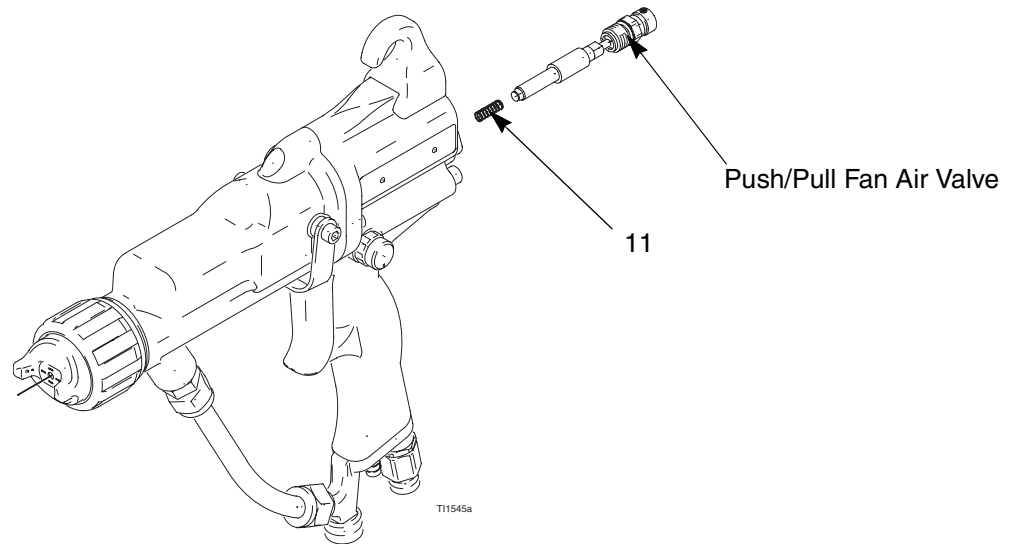
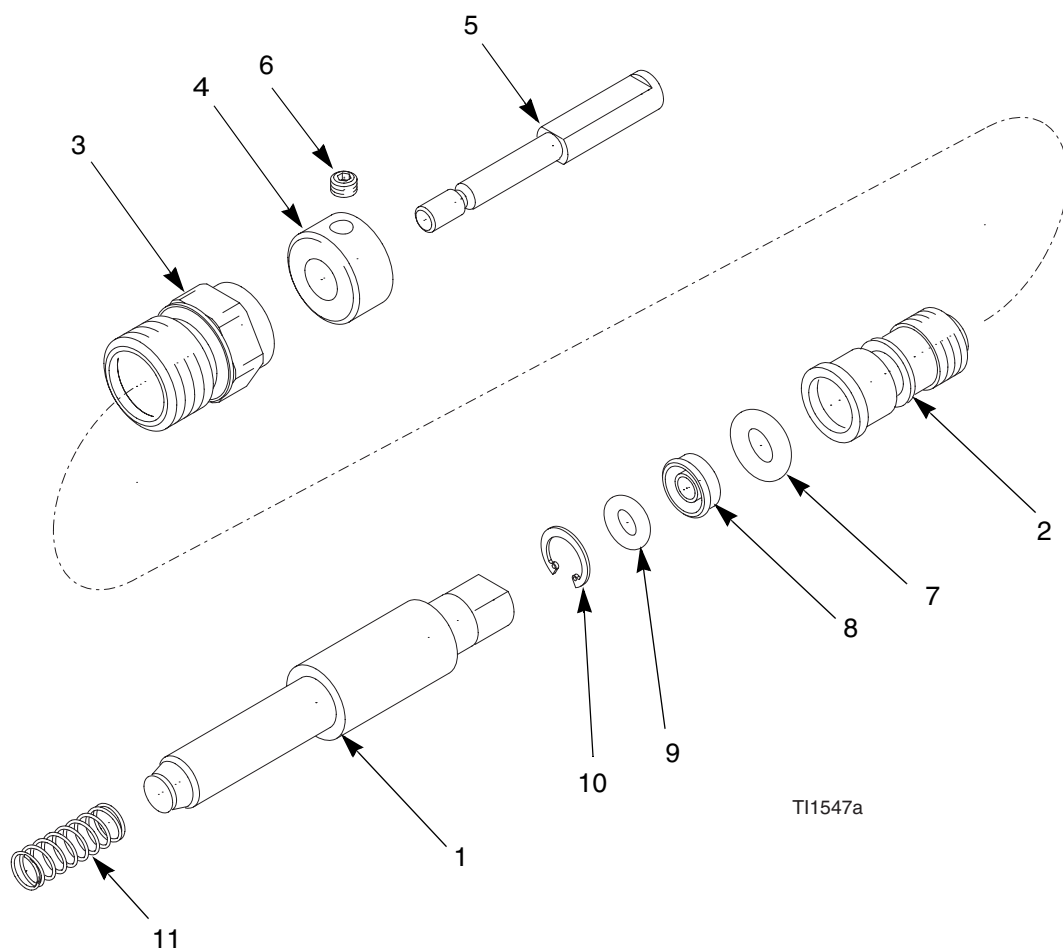


Fig. 2: Install the Push/Pull Fan Air Valve

Parts

Part No. 244912 Push/Pull Fan Air Valve Kit

| Ref. No. | Part No. | Description | Qty | Ref. No. | Part No. | Description | Qty |
|----------|----------|--------------------------|-----|----------|----------|--|-----|
| 1 | 198761 | SEAL, push/pull valve | 1 | 7 | 168110 | O-RING; Viton | 1 |
| 2 | 198759 | HOUSING, push/pull valve | 1 | 8 | 110454 | PACKING, u-cup | 1 |
| 3 | 198670 | BUSHING, push/pull valve | 1 | 9 | 110421 | O-RING | 1 |
| 4 | 198762 | STOP, push/pull valve | 1 | 10 | 111480 | RING, retaining | 1 |
| 5 | 198755 | SHAFT, push/pull valve | 1 | 11 | 113416 | SPRING,compression; optional ; shipped unassembled | 1 |
| 6 | 103187 | SCREW, set; socket-hd | 1 | | | | |



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