

PUMP DISASSEMBLY

Refer to Figure 2

1. Lay the pump assembly on a workbench.
2. Remove the three (C) nuts from the three (D) spacer rods.
3. Pull the air motor from the lower pump end until air motor piston rod is on "down" position and lower pump end rod is in "up" position.
4. Remove the three (D) spacer rods by unscrewing three (E) cap screws.
5. Remove the two (B) cotter pins from the (A) adapter.
6. Unscrew the (A) adapter from the air motor.

PUMP ASSEMBLY

NOTE: All threads are right hand.

1. Align Lower End Pump Rod with Air Motor Piston rod. Position air inlet of motor 180° from material outlet of pump.
2. Screw (A) adapter onto air motor piston rod and secure using (B) cotter pin. Screw other end of (A) adapter to lower pump plunger rod and secure using (B) cotter pin.
3. Secure the three (D) spacer rods onto the lower pump using three (E) cap screws.
4. Push air motor and lower pump end together so (D) spacer rods slide thru holes located in air motor base.
5. Secure air motor to lower pump end using three (C) nuts.

TROUBLE SHOOTING

• PROBLEM

__Cause, solution.

• Pump will not cycle.

- __No pressure to motor, See motor manual.
- __Restricted return lines, clean obstruction.
- __Damaged motor, service motor.

__Be sure to eliminate any possible non-pump problems before suspecting pump malfunction and continuing.

- Pump problems will typically occur in one of two areas:
 1. The Air Motor Section.
 2. The Lower Pump Section.

__Determine which section is affected.

SPACER SECTION

REF	PART NO.	DESCRIPTION
A	79176	ADAPTER
B	Y15-46-S (2)	COTTER PIN
C	Y108-8-Z (3)	HEX HEAD NUT
D	79179 (3)	SPACER ROD
E	79186 (3)	CAP SCREW

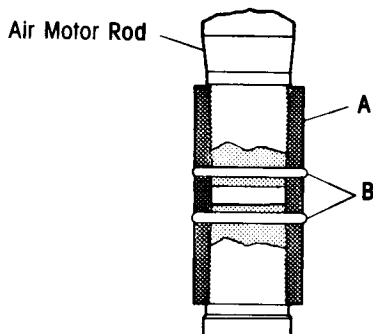


FIGURE 2

