

# SERVICE KIT

# 637067-B

## 637067-1

For Repair of Models 612056-E, 662007-E, 662008-E, Lower Pump Ends.

### NOTE:

Use 637067-1 Conversion Kit with 637067-B Service Kit for Conversion of "D" Models to "E" Models.

RELEASED: 11-6-85

REVISED: 8-16-94

(REV. D) IPP/PSE

## DISASSEMBLY

NOTE: All threads are right handed.

CAUTION: Do not mar finish on (11) tube.

\_ Clamp pump assembly in a vise on either the motor base assembly, or material outlet assembly or air inlet assembly.

\_ Remove air motor cover plate.

\_ Remove three (18) screws and three (19) washers.

\_ Separate motor assembly from lower pump assembly by pulling down on the lower pump assembly exposing the connector adapters between motor piston and material rod.

\_ Uncouple the motor piston rod from (1) piston by placing a wrench on the machined flats of (1) piston and unscrewing 75674 retainer.

\_ Remove (4) "O" ring.

\_ Clamp the lower pump assembly in a vise on the (8) pump base.

CAUTION: Do Not overtighten.

\_ Loosen (11) tube from (8) pump base with a strap wrench. Pull (11) tube off (12) piston rod assembly.

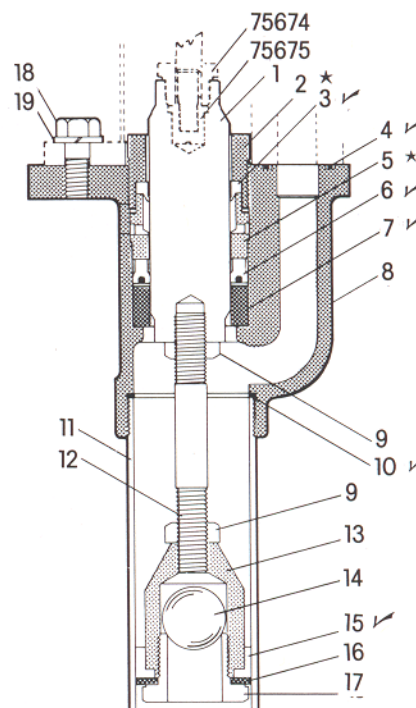
\_ Remove (10) seal from inside (8) pump base.

\_ Remove (1) piston and (12) piston rod assembly from (8) base by pulling down on (12) piston rod assembly.

\_ Vise on machined flat of (1) piston, loosen (9) nut and remove (12) piston rod assembly.

\_ Vise on machined flat of (13) cup follower, unscrew and remove (17) inner check seat from (13) cup follower on the (12) piston rod assembly and remove (14) ball, (16) washer, (15) cup.

\_ Vise (8) pump base. Remove (2) packing nut, (3) packing wiper, (5) spacer, (6) packing and (7) spacer.



✓ Parts so marked are included in 637067-B kit

\* Parts so marked are included in 637067-1 kit

## ASSEMBLY

Assemble with new service parts.

\_ Vise (8) pump base. Push (7) spacer, (6) packing and (5) spacer to bottom of chamber.

\_ Screw (2) packing nut with (3) wiper into (8) pump base and tighten.

\_ Push (1) piston down through the top of the (8) pump base, being sure not to damage packing.

\_ Assemble (15) cup, (16) washer, (14) ball and screw (17) inner seat into (13) cup follower.

\_ Replace (10) seal in (8) pump base.

\_ Vise on machine flats of (1) piston and screw (12) piston rod assembly into (1) piston and tighten (9) nut.

\_ Apply grease or lubricant to (15) cup and slide (11) tube over (12) piston rod assembly and screw (11) tube into (8) pump base and tighten.

\_ Install (4) "O" ring into (8) pump base.

\_ Couple the motor piston rod to the (1) piston by placing a wrench on the machined flats of (1) piston and assemble 75674 retainer and tighten.

\_ Align holes and install three (19) washers and three (18) screws and tighten

\_ Install cover and fasten with four screws.

## SERVICE KIT PARTS

ITEM	DESCRIPTION	(QTY)	PART NO
1	Piston	(1)	X
*2	Packing Nut	(1)	76576
✓3	Wiper Packing	(1)	76577
✓4	"O" Ring	(1)	Y179-17
*5	Spacer	(1)	76578
✓6	Packing	(1)	76579
✓7	Spacer	(1)	73332-2
9	Nut	(2)	X
✓10	Gasket	(1)	90125-1
11	Tube	(1)	X
12	Rod	(1)	X
13	Follower	(1)	X
14	Ball	(1)	X
✓15	Cup	(1)	75680
16	Washer	(1)	X
17	Seat	(1)	X
18	Screw	(3)	X
19	Washer	(3)	X

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