

## 637272-1

### “-C” Model “O” Ring Conversion Kits For All 1”, 1-1/2”, 2” & Flap Valve Diaphragm Pumps (BOTH METALLIC AND NON-METALLIC)

#### GENERAL DESCRIPTION

This Conversion Kit will upgrade “-C” Model Diaphragm Pump Air Motors built prior to February 15, 1993 (Serial No. B9153-XXX). Pumps manufactured after this date include an improved seal between the end

spacer and the plate, it involves an extra Y325-126 “O” ring located in a groove provided on the end of the new spacer. The part number of the modified spacer has not changed.

#### DISASSEMBLY

NOTE: Refer to pump Operator's Manual for other information.

1. Remove the air supply from the pump.
2. Remove the (D) plate (or leg depending on model) and “C” gasket that exposes the major valve spool.
- NOTE: This is the plate (or leg) on opposite side the of air inlet connection.
3. Remove the (G) spool, (E) spacer, (F) washer, (H) spacers, (J) “O” rings and (K) “O” rings.

#### REASSEMBLY

1. Lubricate (J) and (K) “O” rings with Key-Lube “O” ring Lube or equivalent.
2. Replace (F) washer, place (J) “O” ring, (K) “O” ring onto (H) spacer and insert.
3. Repeat step 2 four times to complete the assembly of the valve.
- NOTE: Be careful to orient the spacer legs away from blocking the internal ports.
4. Install new (E) spacer with two (J) “O” rings and one (K) “O” ring.
5. Lubricate and carefully insert the spool. (See view below)
6. Install the (C) gasket, the (D) plate (or leg) and retain with (A) screws and (B) washers.
7. Torque screws evenly to 40 - 50 in.lbs.

#### \* CONVERSION KITS CONTAIN THESE PARTS

