

393488 Kit Contents

Part No.	Description	Qty.
172191-1	Viton Seal, 1-3/8" I.D. x 2" O.D.	1
172212-16	Cotter Pin, 1/8" Dia. x 1" long	1
319436	Aluminum Gasket, 1-5/8" I.D. x 1-15/16" O.D.	1
337139	Backup Washer, 1-3/8" I.D. x 2" O.D.	1

DESCRIPTION

Packing Kit 393488 contains all of the necessary parts for Viton seal replacement in air motor 337140 used in the 7222-B4 pump. For air motors using teflon seals, such as those in 7216 pumps, the kit can be used for conversion from the teflon seals to the Viton seals. These instructions are intended for use only with this kit. For more information on the pump, refer to the specific pump Service sheet.

CAUTION: Before servicing the pump, reduce material pressure to zero, disconnect air hose from pump inlet and make sure that all pressures within the system have been relieved.

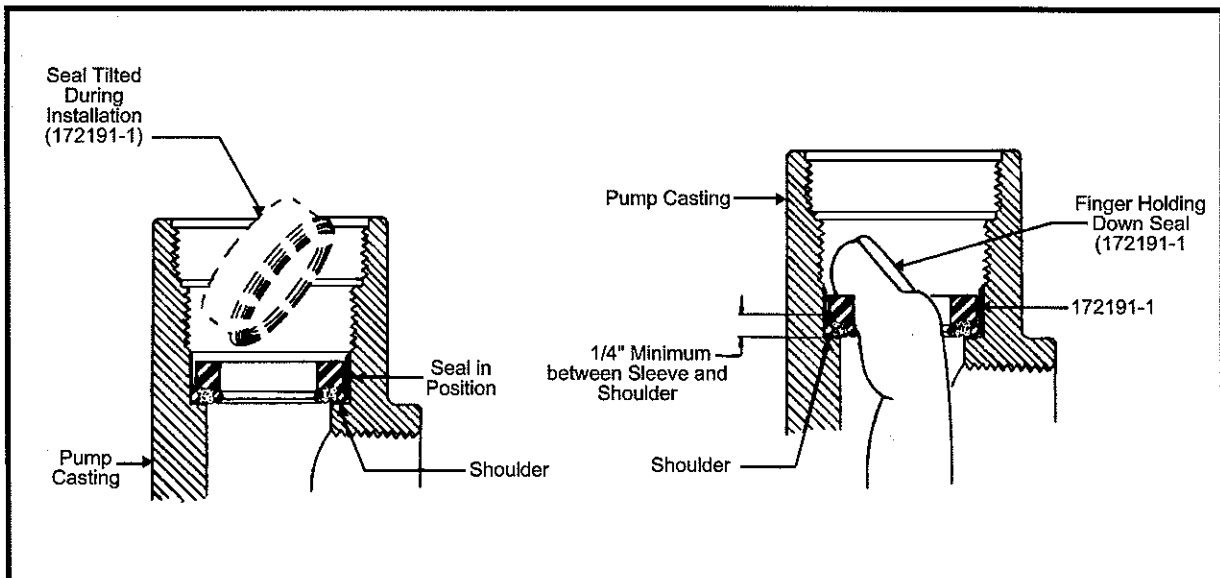


Figure 1: Installation of Seal 172191-1 in Pump Casting

Alemite Corporation

DISASSEMBLY
(Figure 3)

1. To disconnect the Piston-and-tube assembly from the air motor, follow this procedure:
 - a. Unscrew pump from the installation.

CAUTION: If low level cut-off and adapter assembly 321206 is being used, do not damage assembly while removing pump from tank.

- b. Loosen and slide Bung Adapter down (if used).
- c. Loosen jam nut 333348.
- d. Unscrew Piston-and-tube assembly from the air motor assembly and withdraw to expose cotter pin 172212-16.
- e. Remove the cotter pin and unscrew the Rod-and-Stop assembly from the Piston assembly.

The air motor is now separated from the Piston-and-Tube assembly.

2. Remove the adapter tube from the pump casting and separate the air motor and piston assembly from the pump casting.
3. Remove the bushing assembly to expose the old packings (Figure 2).
4. Remove the old packings.

SERVICE
(Figures 1 & 2)

NOTE: No packing adjustment is necessary with Viton seal.

1. Lightly coat seal 172191-1 and the inside of the pump casting with oil or grease.

IMPORTANT: Use care not to damage Seal 172191-1 on the threads of the Body. Angle the Seal (lips first) into the Body then gently rotate the Seal squarely in the bore.

2. Push seal down against shoulder in pump casting (Figure 1).
3. Install the Backup Washer 337139 as shown in Figure 2.
4. Screw the bushing assembly into the pump casting until tight. Seal will have about 1/16" to 1/8" float.
5. Reassemble by reversing the disassembly steps.

CHANGES SINCE LAST PRINTING

Deleted 337374

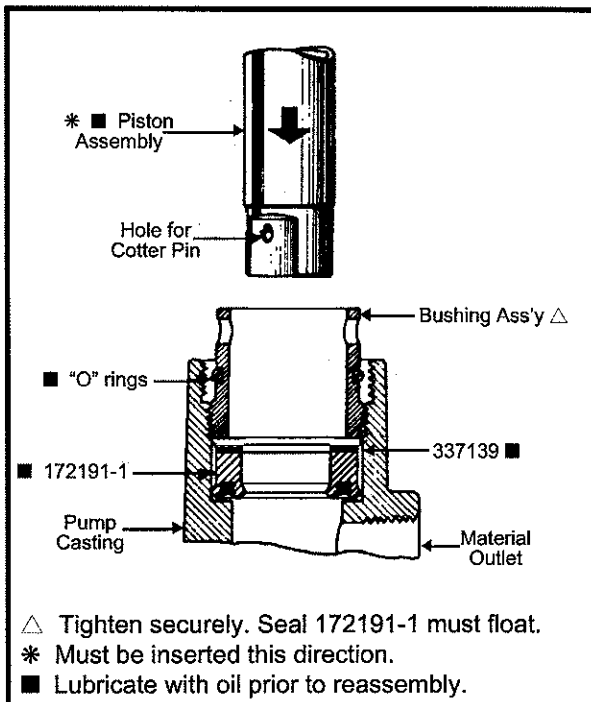


Figure 2: Viton Seal 172191-1 Properly Seated

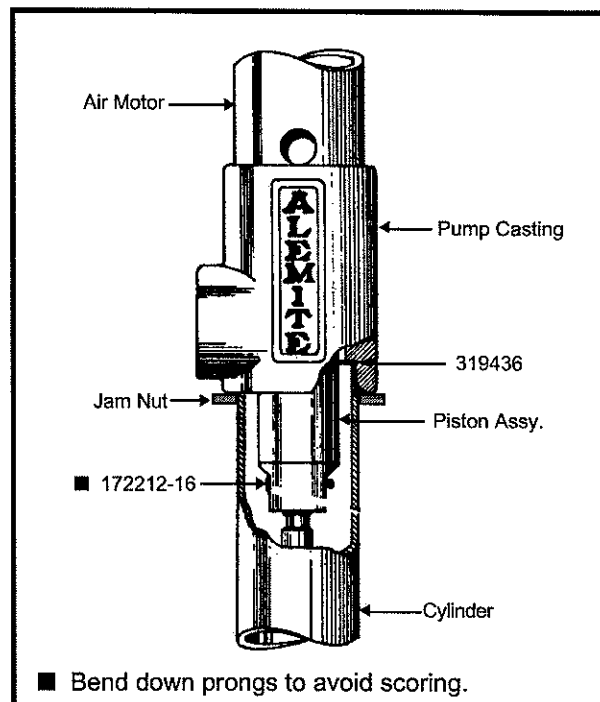


Figure 3: Pump Casting Showing Jam Nut