

DESCRIPTION

Major Repair Kit 393040-1 contains parts necessary to service pump body seals on Series: 7773, 7774, 7775, 7783, 7784, 7785, 7786, 7793 and 7795 pumps.

These instructions are to be used only with the repair kit. For further information, refer to instructions supplied with the specific pump.

393040-1 Kit Contents

Part No.	Description	Qty.
171009-13	"O" Ring, 1-3/16" I.D. x 1-5/16" O.D.	1
171009-33	"O" Ring, 1-3/16" I.D. x 2" O.D.	1
171009-35	"O" Ring, 1-15/16" I.D. x 2-1/8" O.D.	1
172190-5	Seal, 1-1/16" O.D. x 1/4" thick	1
172190-6	Seal, 1-9/16" O.D. x 3/8" thick	1
323419	Washer, 7/8" I.D. x 1-19/64" O.D.	1
323693	Aluminum Gasket, 1-29/32" O.D.	2
337361	Washer, 1-35/64" O.D.	1
337362	Lantern Ring	1
337363	Steel Spacer, 1-1/16" O.D. x 5/16" Thick	1

SERVICE

NOTE: The following instructions for servicing the piston portion of the air motor are to be considered typical and may not be complete for any one particular unit. Refer to instructions supplied with model for further information.

CAUTION: Before beginning service or attempting to disassemble any part of the unit, shut off air supply, reduce material pressure to zero, disconnect air and material supply lines, and remove entire pump from container or system.

SEPARATING PUMP TUBE FROM BODY AND PACKING GROUP:

1. Loosen jam nut and unscrew pump-tube assembly

from the air-motor to expose upper coupler.

2. Remove upper spring clip from upper coupler.
3. Separate pump tube from body and packing group.

NOTE: Watch for falling parts from bottom of body.

SERVICING BODY AND PACKING GROUP:

1. Unscrew and remove adapter from body of air-motor assembly.
2. Remove washer 323419 and bushing from adapter.
3. Unscrew three screws and pull body from air-motor assembly.

FOR FURTHER SERVICE, CONTACT YOUR LOCAL ALEMITE DISTRIBUTION CENTER



Alemite, LLC
167 Roweland Drive, Johnson City, Tennessee 37601
www.alemite.com

P.N. 397979

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4. Remove "O" rings 171009-33 and 171009-35 from body.

5. From bottom of body, remove gasket 323693, steel washer, second gasket 323693 and spacer.

6. Early Models:

Remove the bearing, four packings, the lantern ring, two packings and block "V" packing through the bottom of body.

NOTE: Early models using this old style of packings must be changed to the urethane seal design that is supplied in this repair kit.

Later Models:

Remove washer 337361, seal 172190-6, lantern ring 337362, seal 172190-5, spacer 337363, and "O" ring 171009-13 through bottom of body.

NOTE: At reassembly, lips of seals 172190-5 and 172190-6 must face downward as shown in Figure 1A.

7. Clean and inspect parts for damage and wear. Make replacements as required, using repair-kit parts.

8. Reassemble by reversing the above steps.

IMPORTANT: Prior to reassembly, lubricate all "O" rings and packings with SAE No. 10 oil or light machine oil. Protect all seals and sealing surfaces from damage and scratches in any way possible.

NOTE: At reassembly, apply LOCTITE "242" to male threads of extension tube. Do not tighten more than 1/4 turn after contact with aluminum gasket 323693. Allow 1 to 2 hours to dry.

PARTS CHANGES SINCE LAST PRINTING

Mailing address

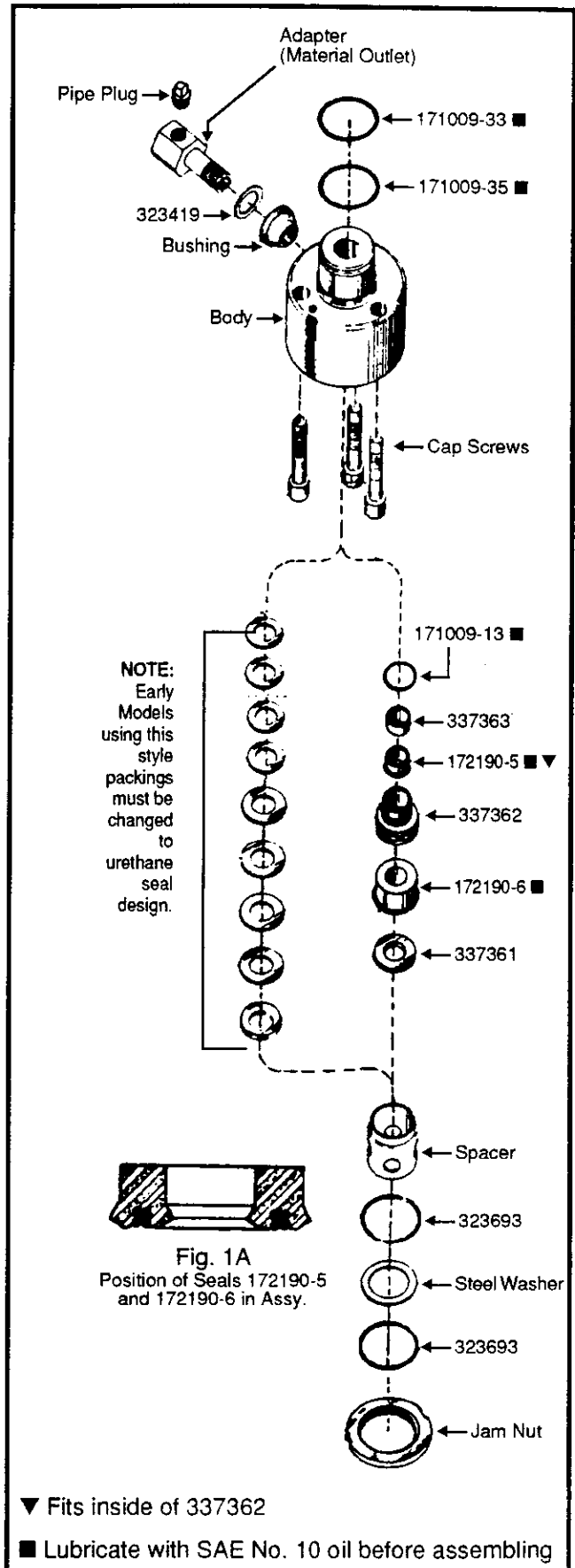


Figure 1: Body and Packing Group