

DESCRIPTION

Major Repair Kit 398712-1 is used to service several series of Alemite hand operated volume pumps, utility pumps, and transfer pumps. These instructions are only for use with the repair kit. For further information, refer to instructions supplied with each unit.

CAUTION: Read these instructions carefully and thoroughly *BEFORE* attempting to disassemble pump or any of its components.

DISASSEMBLY

Pump Mechanism (Refer to Fig. 2 unless otherwise specified):

1. Remove pump, with cover assembly, from container. Wipe off excess material and work lever until pump is empty.
2. Unbolt three cap screws (A) from three nuts and remove cover assembly. Secure pump body in a vise, (Fig. 1).
3. Disconnect piston rod from lever by removing 171606 and clevis pin (B), Fig. 1.
4. Disconnect tube from cylinder.
5. Using a 3/32" diameter pin in cross hole on small rod, remove stop nut 18850 and primer.
6. Detach foot valve assembly 317238 from cylinder. Slide off washer 70680.
7. Carefully detach cylinder from pump body.
8. Using 3/32" and 1/4" diameter pins in cross holes, unscrew small rod from piston rod. Remove plunger, with attached "O" ring 171001-23, and washer 319319.
9. Remove piston rod from pump body.

NOTE: Reassemble piston rod through top of pump body.

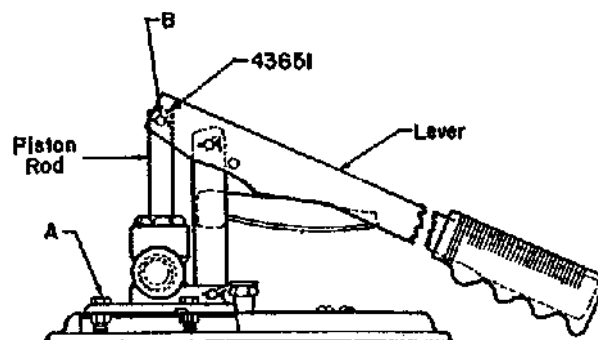


FIGURE 1
Typical Pump Assembly

10. Unscrew bushing from pump body. Remove packing washer 314563, packing 314564, and gasket 317352.

NOTE: Reassemble packing with "V" facing DOWN.

11. Discard all old parts which are replaceable with kit parts. Reassemble pump mechanism by reversing steps 1 through 10, using new parts from kit.

CAUTION: Worn or damaged parts are a potential danger to persons and property. *DO NOT* re-use any worn or damaged parts.

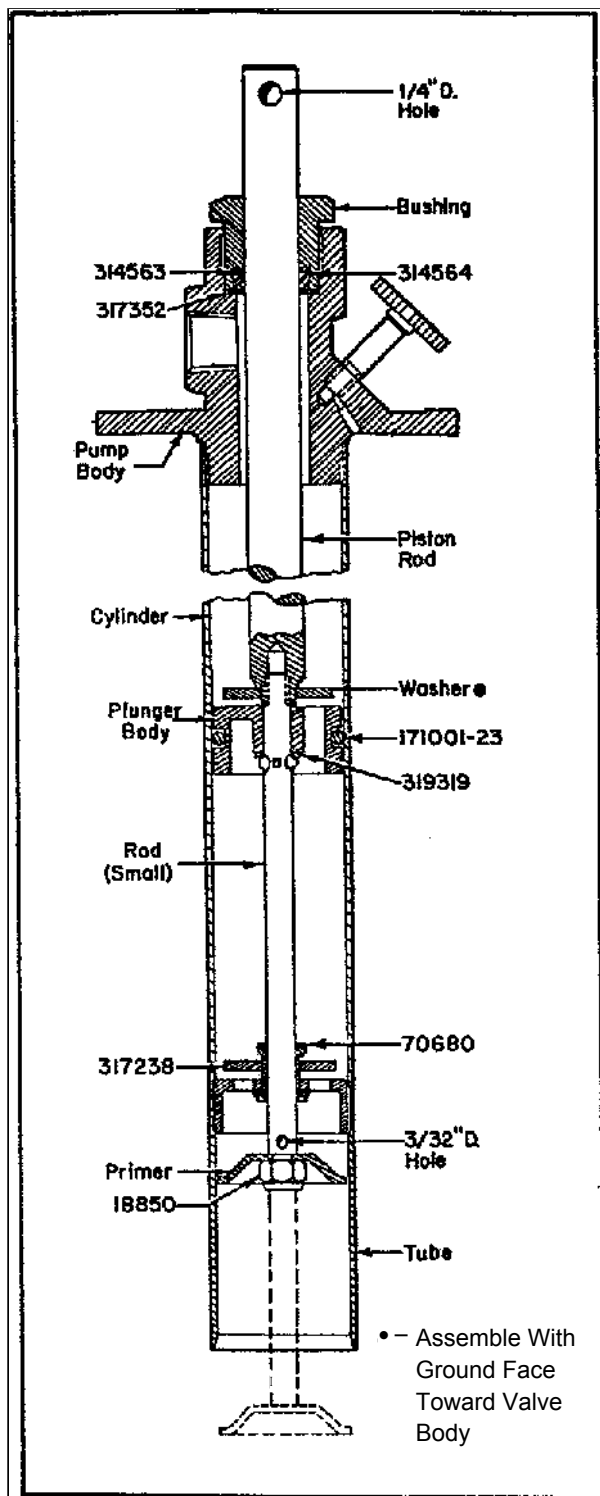
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P.N. 396933

SER 398712-1
(05/07)



KIT CONTENTS

PART NO.	DESCRIPTION	QTY.
18850	Elastic Stop Nut	1
43651	Cotter Pin	3
70680	Washer	1
171001-23	"0" Ring, 1-1/2" O.D.	1
314563	Packing Washer	1
314564	Packing	1
317238	Foot Valve Assembly	1
317352	Gasket	1
319319	Washer	1
171606	Retaining ring	6

FIGURE 2 Low Pressure Pump Mechanism

NOTE: All parts listed in this instruction sheet are for reference identification in instructions and illustrations. They will not necessarily be available unless listed in current parts price list or used on current model. Purchase bolts, nuts and other standard items from local hardware supplier. Refer to current parts price lists and bulletins for availability before ordering parts. ALWAYS mention part number, quantity, description and model used on.

PART CHANGES SINCE LAST REVISION

Deleted 308744 & Loader Adaptor (Figure 3)