

HM170099

- A. MANY EARLIER PRODUCTION LIFT TRUCKS WITH LESS THAN 7000 kg (15,000 lb) CAPACITY THAT HAVE CHEVRON-STYLE PACKING CAN BE CHANGED TO SINGLE-LIP SEALS.
 B. THE PARTS ARE INSTALLED IN THE ARRANGEMENT SHOWN.
 C. IF TWO BACKUP RINGS ARE IN THE SEAL KIT, THE PARTS ARE INSTALLED IN THE ARRANGEMENT SHOWN.

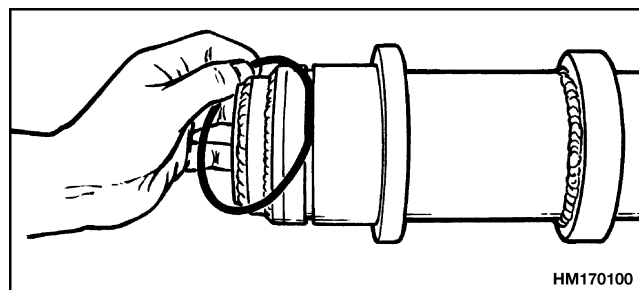
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|--------------------------|-----------------------------|------------------------------|
| 1. CHEVRON-STYLE PACKING | 3. BACKUP RING | 5. DIRECTION OF OIL PRESSURE |
| 2. ALUMINUM SPACER | 4. SINGLE-LIP SEAL ASSEMBLY | |

Figure 16. Chevron-Style Packing Replacement Seal Kits

Chevron-Style Packing Installation on Piston

STEP 1.

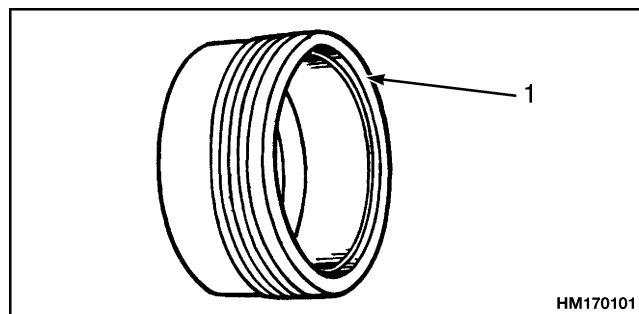
Lubricate the new O-ring with hydraulic oil and then install it on the piston end of the cylinder rod.



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STEP 2.

Install a new packing assembly on the piston half. The packing must extend approximately 3 mm (1/8 in.) beyond the end of the piston half.

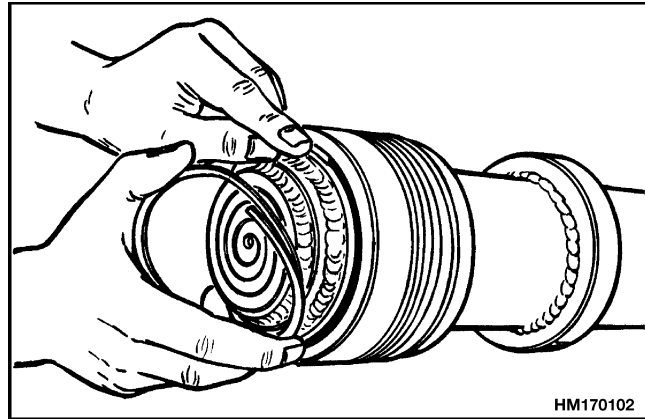


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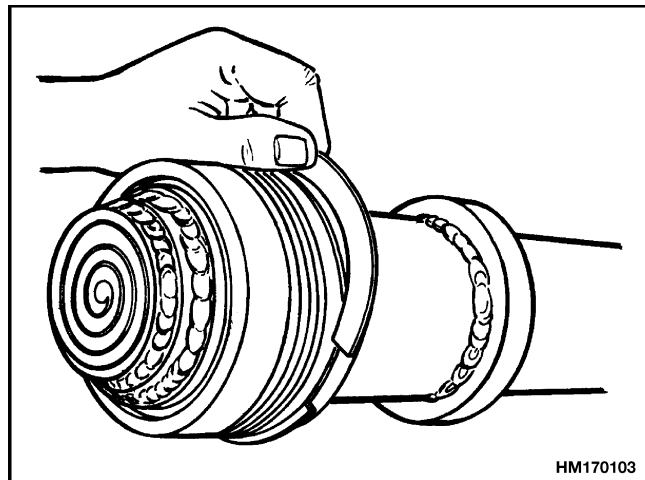
1. THIS RING MUST EXTEND 3 mm (1/8 in.) BEYOND END OF PISTON HALF.

STEP 3.

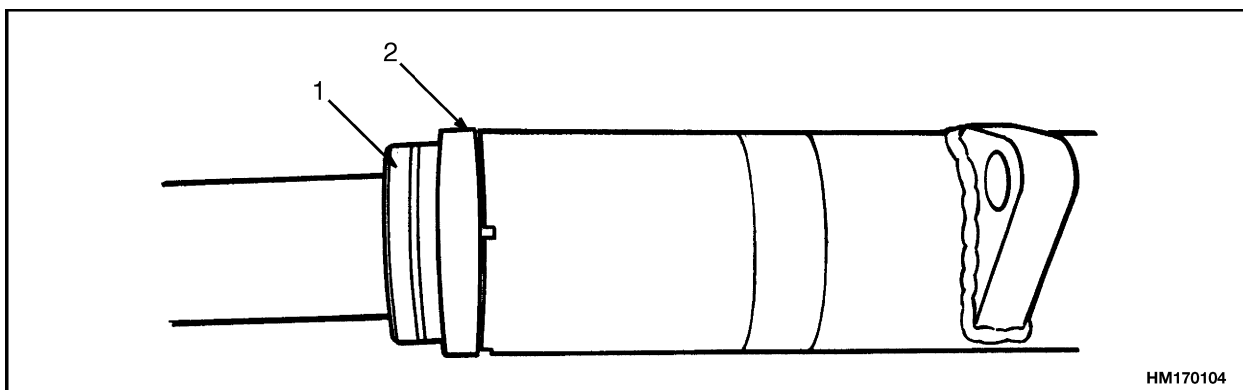
Install the piston half and snap ring.

**STEP 4.**

Install the nylon spacer.

**STEP 5.**

Install the piston in the lift cylinder. Carefully push the piston and piston rod into the lift cylinder. Release the clamp on the packing when the packing moves past the threads of the cylinder.



1. PISTON
2. SPECIAL TOOL OR BAND CLAMP TO INSTALL PACKING