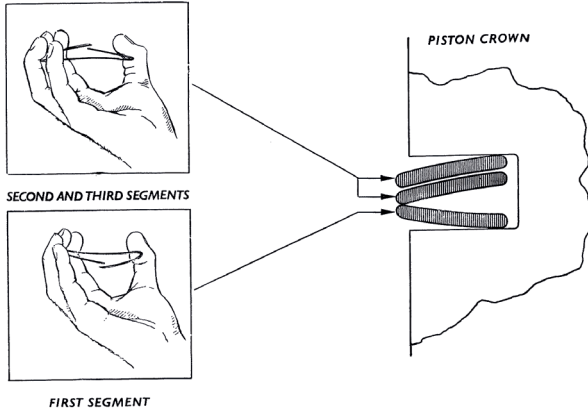


Ring groove no. 3

Version with 3 segment rings



Version with 4 segment rings

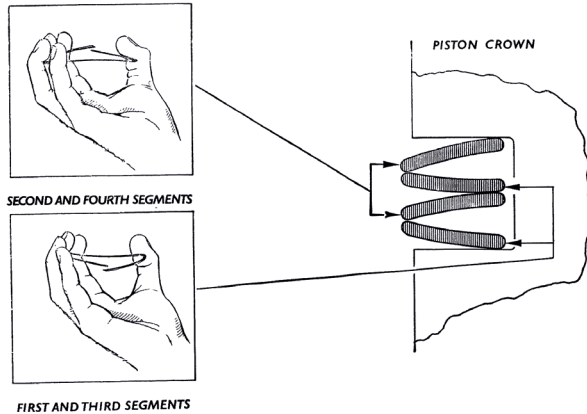


Fig. 2-30

Ring groove no. 4

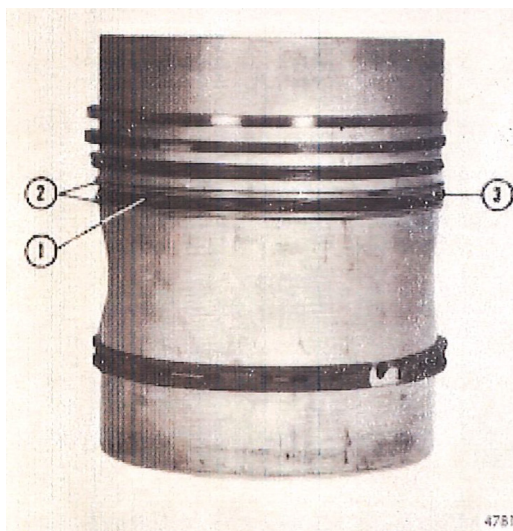
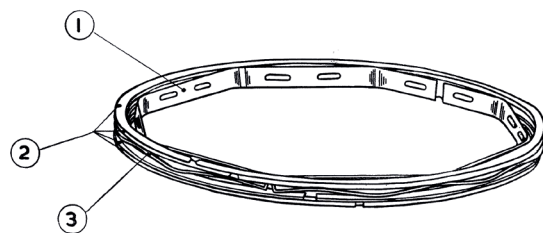


Fig. 2-31. Position of the piston rings.

Installation of the third ring, which consists of four segments

1. Install the first segment so that, when you are holding it in your hand and pressing it together, the ring ends are pointing downwards. Position the gap in the ring above one piston journal hole.
2. The second segment is installed on top of the first so that, when you are holding it in your hand and pressing it together, the ring ends are pointing upwards. The gap in the ring is positioned at an angle of 180° compared to the gap in the first ring.
3. The third segment is placed on top of the second so that, when you are holding it and pressing it together as previously described, the ring ends are pointing downwards. The gap in the ring is positioned above the gap in the first ring.
4. The fourth ring is installed on top of the third so that, when you are pressing it together, the ring ends are pointing upwards. Position the gap in the ring directly above the gap in the second ring. See Fig 2-30.



Installation of the fourth ring

The ring is an expander-type oil scraper ring.

1. Position the inner expander spring (1) as shown in Fig. 2-31.
2. Install two segment rings (2) at the bottom of the piston ring groove.
3. Insert the wave-shaped spring (3).
4. Install the last two segment rings (2).
5. The gaps in the rings should be distributed evenly around the piston.