

Assembling Synchronizing Mechanism

Disassembly

1. Remove lock ring using lock ring pliers.
2. Clean all parts thoroughly.
3. Check all parts for wear and damage. If synchronization no longer functions properly, install new synchronizing ring.
4. Remove sharp edges from the long ends of the stops with an oil stone. Replace brake bands in which a ridge (approx. 18 mm, 11/16 in. from one end) has formed where the end of the stop contacts the inside of the brake band.

3. When assembling the synchronizing mechanism of the 1st gear, note that only one brake band is installed as shown in Fig. 54.

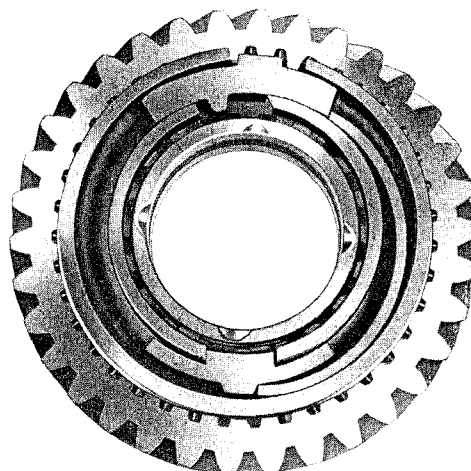


Fig. 54

Assembly

1. Place synchronizing ring on toothed ring with the grooved side out.
2. Install slider, stop, and brake bands.

4. Install lock ring using lock ring pliers.

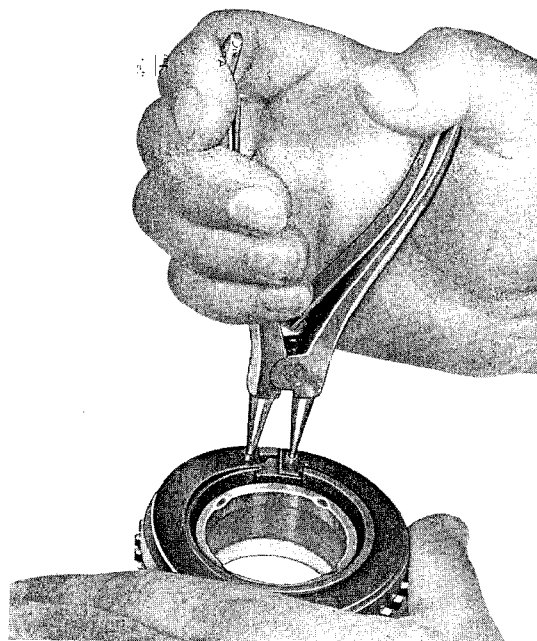


Fig. 55

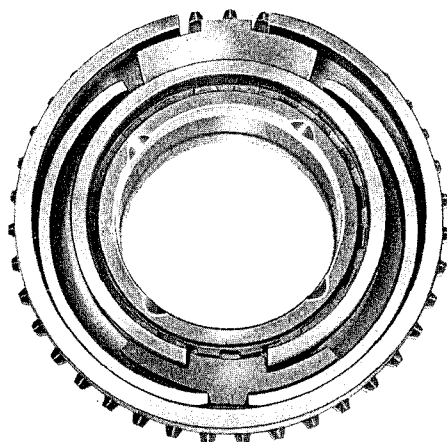


Fig. 53

5. Check installed synchronizing ring with micrometer for correct diameter (76.44 ± 0.20 mm).