

Figure 05-39/1

- 1 Journal pin of the 1st camshaft bearing
- 2 Journal pin of the 2nd camshaft bearing
- 3 Journal pin of the 3rd camshaft bearing
- 4 Spiral gear of oil pump drive
- 5 Flange to mount camshaft timing gear
- 6 1st camshaft bearing (lapped bearing)
- 7 2nd camshaft bearing
- 8 3rd camshaft bearing
- 9 Screw plug in 3rd camshaft bearing
- 10 Retaining ring to hold the bearings together

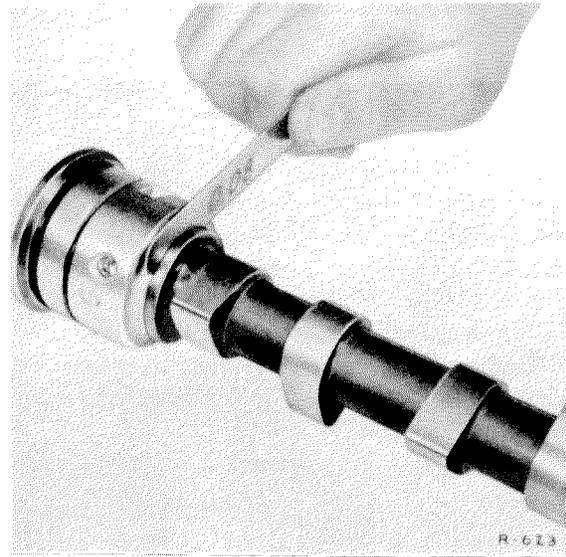


Figure 05-39/2

Before the installation of the camshaft bearings in the crankcase, mount the 1st camshaft bearing (lapped bearing) on the journal pin of the camshaft and measure the end play of

the camshaft with a tolerance gauge (see Figure 05-39/2).

Install the camshaft bearings and the camshaft (see Job No. 05-35, Paragraph 15, through 21).

## B. OM 621

1. Removal and checking of camshaft (see Job No. 05-36).

**Note:** When installing new camshaft bearing brackets, a complete set of brackets should be used. If, as an exception, one individual bearing bracket is replaced, take special care to a faultless alignment of the bores.

2. Before installing the camshaft bearing brackets, measure the bores and possibly regrind the camshaft on the basis of the bearing clearances (see Job No. 05-38). For reground camshafts, bearing brackets the bore of which is smaller by 0.25 mm, are available (see Job No. 05-0, page 05-0/6).

3. Installation of camshaft (see Job No. 05-36, items 5-24).