

Fig. 3-79 ① Press gauge

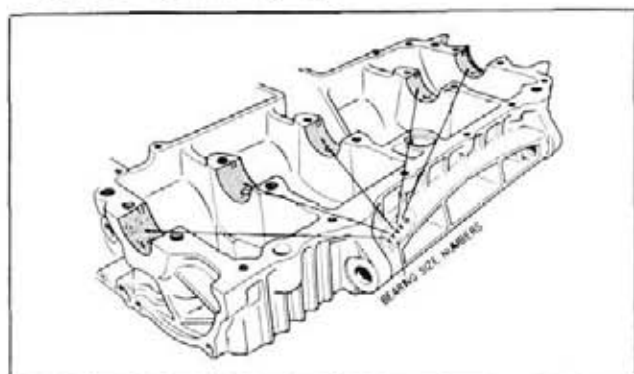


Fig. 3-80

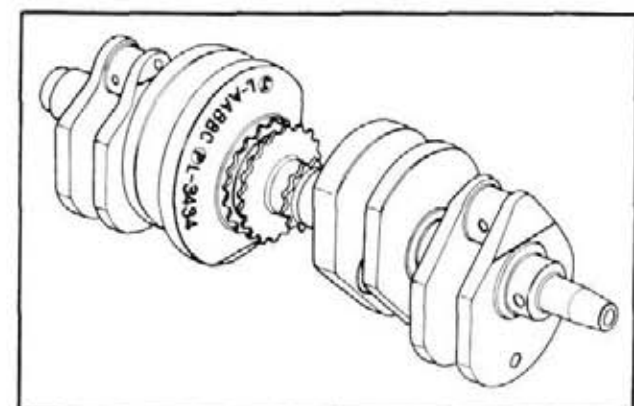


Fig. 3-81

## 2. Measuring the wear of the crankshaft journals

- a. Remove the crankshaft and clean the crankshaft journal.
- b. Cut the press gauge material to the length of bearing parallel to the crankshaft. Stay clear of the oil hole.
- c. Assemble the crankshaft, lower crankcase and torque down the mounting bolts. Next, disassemble the lower crankcase, and check the gauge which had been flattened by comparing it with the scale on the package of the press gauge. (Fig. 3-79)

Measure the gauge at the widest point; also note the different in width at both ends. If the bearing clearance is larger than **0.0032 in. (0.08 mm)**, the bearing should be replaced with new part.

The standard bearing clearance should be **0.0008~0.0018 in. (0.02~0.046 mm)**.

**Note : 1. Do not turn the crankshaft while making this measurement.**

**2. The bearing must be replaced in set.**

- d. The bearings are select fitted by the following procedures.

- There are alphabet letters stamped on the forward section of the upper crankcase hanger bolt inserts. The stamped letter indicates the bearing size. Bearings are numbered sequence, starting from the right side. (Fig. 3-80)

### • Crankshaft Bearing

The type of bearings as explained here is applicable from the engine No. CB 750 E1015587 and thereafter.

The size marks of crankshaft journals were changed from  $\sphericalangle$  (I)  $\square$  (RO)  $\wedge$  (HA) and  $\equiv$  (NI) to A, B and C. These marks are stamped on the side of the crank weight on the drive sprocket side together with the crankpin size marks. (Fig. 3-81)