GENERATORS

SUPPLEMENTARY INFORMATION TO SECTION A-4 ISSUE 2

NEW GENERATOR. Para. 1 (b)

A new generator, model C40LR, for racing engine application has been introduced. It is similar to C40R but with C40L yoke length. Test data for this machine is exactly as given for C40L and C40LQ in the table on page 4.

BEARING LUBRICANT. Para. 4 (g) (i)

Do not use multi-grade oil when pre-soaking the new bearing bush.

Note:

The illustration referred to in para. 4 (g) (i) is Fig. 7 and not Fig. 4.

BEARINGS. Para. 4 (g) (ii)

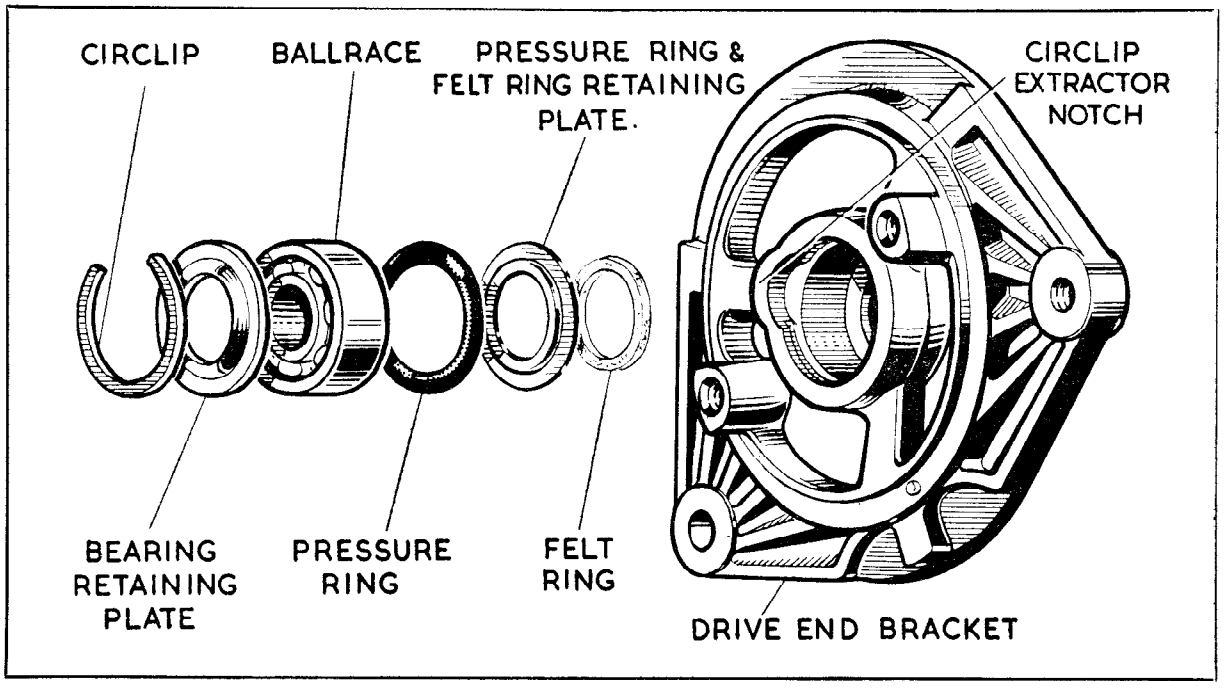
Since SECTION A–4 ISSUE 2 was prepared, a modified form of drive-end bearing assembly has been introduced on some generators in the C40 range. With these machines, the bearing plate is secured with a circlip and not by rivets. This arrangement is shown below. To dismantle, insert the tip of a screwdriver in the extractor notch and prise free the circlip. When refitting, use a hand-press to compress the assembly enough to allow the circlip to re-locate itself.

Note:

Some D.E. bearings are of shielded or sealed construction and, unlike standard bearings, cannot subsequently be repacked with grease.

TO REASSEMBLE. Para. 4 (h)

When fitting any drive-end bracket to an armature shaft, the bearing inner journal must be supported. To do this, use a 4" (10.16 cm.) long mild steel tube of suitable section to sleeve over the armature shaft extension and thus contact the inner journal while pressure is being applied.



Drive end bracket with circlip retained bearing