

Fig. 227

Connecting rod and bearing inserts (Exploded view).

Installation

The installation is accomplished in the reverse order of removal observing the following points:

1. Weigh connecting rods. Maximum permissible weight difference between connecting rods of one engine is 15 grams (0.53 oz.).
2. Check piston pin bushings. A new bushing should allow the piston pin to be installed by a light push fit.
3. Check connecting rod alignment and straighten if necessary (48 EN).
4. After carefully cleaning all parts, assemble connecting rods on the crankshaft. The identification number on the rod and rod cap must be on the same side.
5. Tighten connecting rod nuts to 4.5 mkg (32.6 ft. lb.) torque.

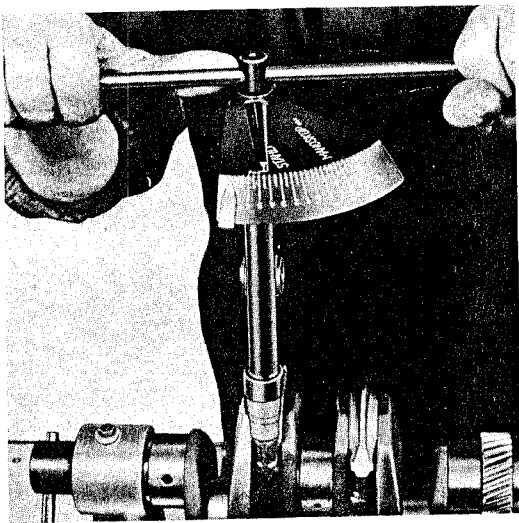


Fig. 228

6. Check whether connecting rod caps fit flush against the rods and have no obstructions in the joint.

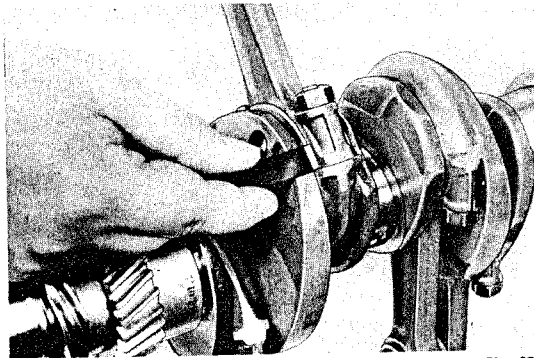


Fig. 229

7. Stresses which may arise from tightening the nuts should be relieved by light tapping with a hammer. Lightly oiled connecting rods should turn freely under their own weight. Under no circumstances should bearings be altered to fit.

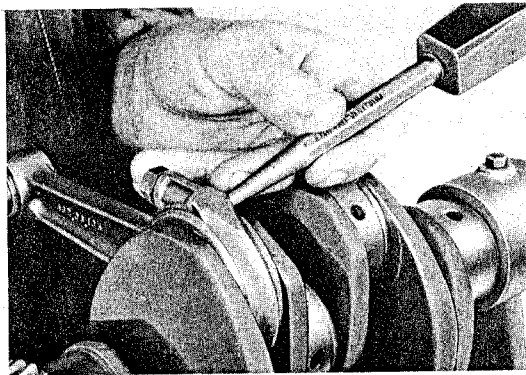


Fig. 230

8. Lateral clearance between connecting rods and crankshaft should be from 0.10 to 0.30 mm

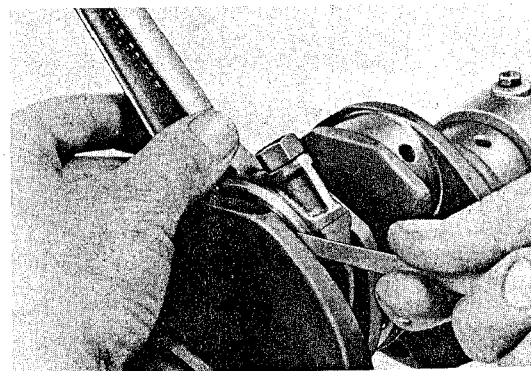


Fig. 231