

ADJUSTING CRANKSHAFT END PLAY

GENERAL

Crankshaft end-play (for installation) in the 1600 C and 1600 SC engines is 0.13 mm (.005 in.) to 0.18 mm (.007 in.). To compensate for size variations, thrust shims are available in 6 thickness groups:

Group A = 0.80 mm (.032 in.)

Group B = 0.85 mm (.034 in.)

Group C = 0.90 mm (.036 in.)

Group D = 0.95 mm (.037 in.)

Group E = 1.00 mm (.039 in.)

Group F = 1.05 mm (.041 in.)

Thrust shim size is indicated on the shims with alphabetical group symbols.

1. Insert bearing inserts for main bearing 2 and 3 into the two crankcase halves, and coat with oil.
2. Oil bearing sleeve for main bearing 1 and slide onto crankshaft journal, mount crankshaft.
3. Place thrust shim on crankshaft at main bearing 1.

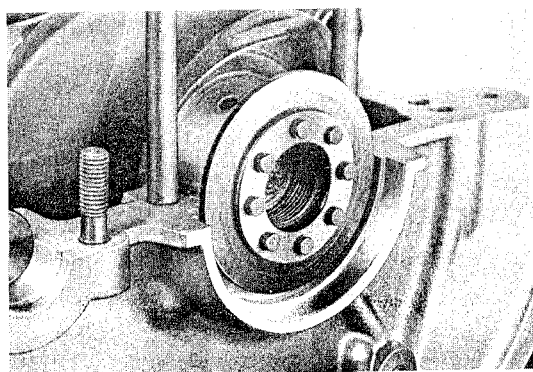


Fig. 5

4. Install the second crankcase half and tighten crankcase nuts to specified torque.
5. Install flywheel and soft iron gasket, tighten gland nut to 45 - 50 mkg (325 to 362 lbs/ft).

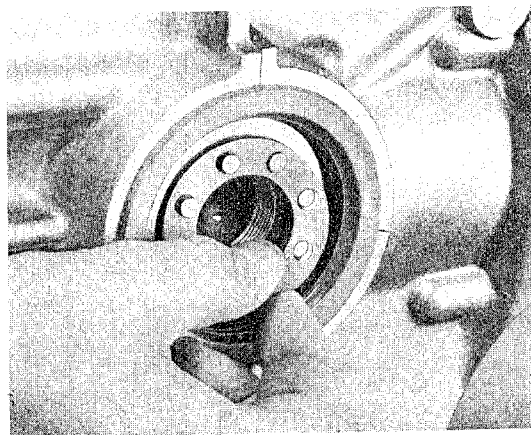


Fig. 6

6. Attach dial gauge to crankcase using special tool (P 17) so that the gauge sensor touches the flywheel at right angle.

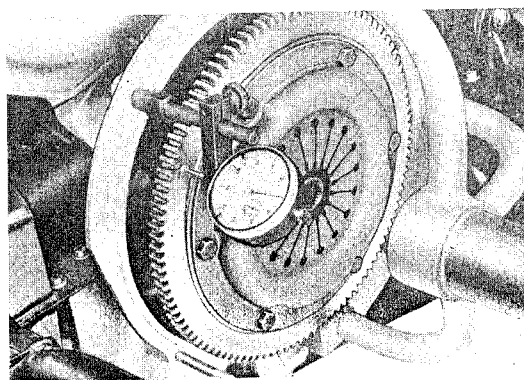


Fig. 7

7. Check the end-play by moving the crankshaft axially from stop to stop; if necessary, adjust to specification by using a different thrust shim of appropriate size.