

CRANKPIN BEARING

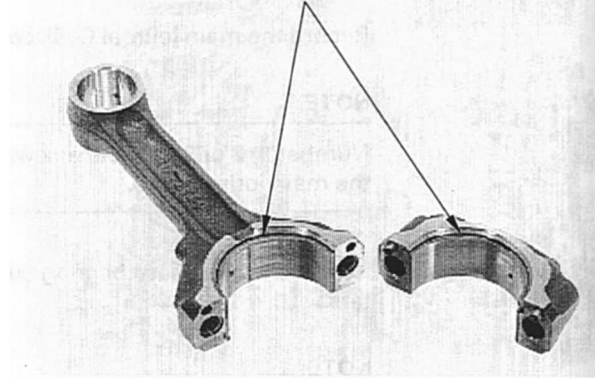
Remove the crankshaft (page 12-3).

BEARING INSPECTION

Check the bearing inserts for unusual wear or peeling.

Check the bearing tabs for damage.

CRANKPIN BEARING INSERTS



OIL CLEARANCE INSPECTION

Do not rotate the crankshaft during inspection.

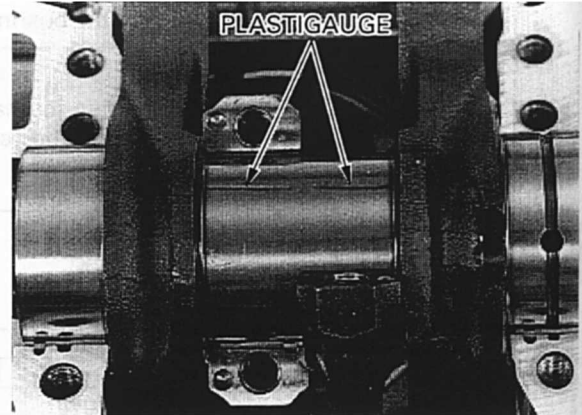
Clean off any oil from the bearing inserts and crankpin.

Install the crankshaft onto the upper crankcase.

Set the connecting rods onto the crankpin.

Put a strip of plastigauge lengthwise on the crankpin avoiding the oil hole.

PLASTIGAUGE



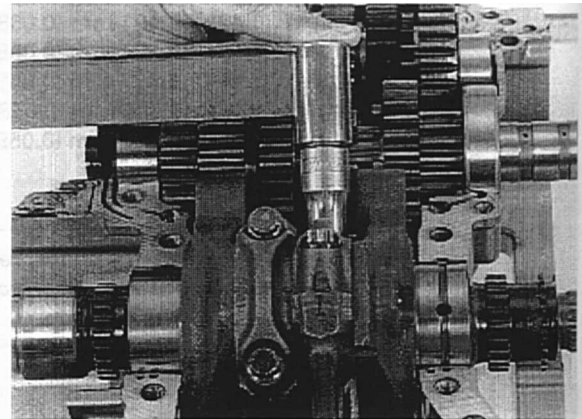
Carefully install the bearing caps, aligning the dowel pins with the holes in the connecting rods.

Apply oil to the connecting bolt threads and seating surfaces and install the bolts.

Tighten the bolts in 2 or 3 steps alternately.

Use the removed connecting rod bolts when checking the oil clearance.

TORQUE: 20 N·m (2.0 kgf·m , 14 lbf·ft) + 120°



Remove the bearing caps and measure the compressed plastigauge at its widest point on the crankpin to determine the oil clearance.

SERVICE LIMIT: 0.060 mm (0.0024 in)

If the oil clearance exceeds the service limit, select the correct replacement bearings.

