

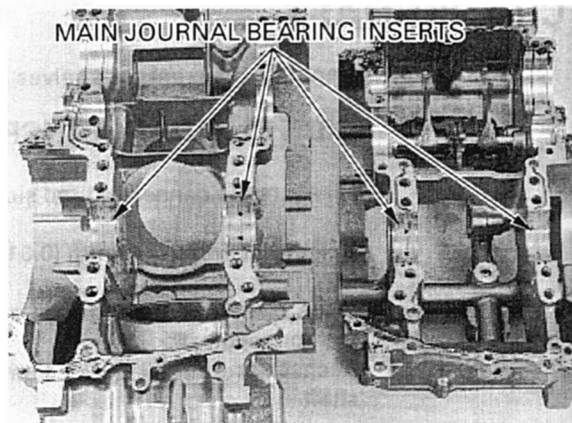
## MAIN JOURNAL BEARING

Remove the crankshaft (page 12-3).

### BEARING INSPECTION

Check the bearing inserts for unusual wear or peeling.

Check the bearing tabs for damage.



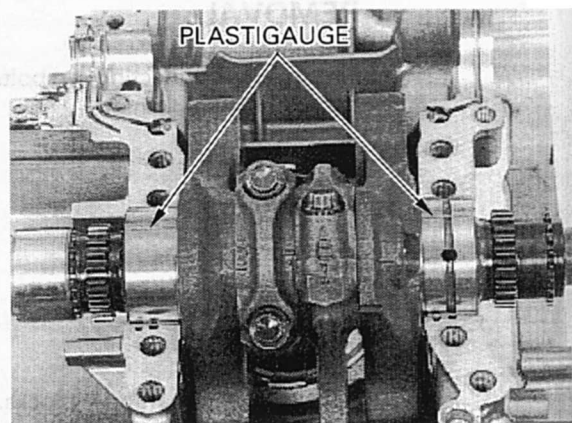
### OIL CLEARANCE INSPECTION

*Do not rotate the crankshaft during inspection.*

Clean off any oil from the bearing inserts and main journals.

Install the crankshaft onto the upper crankcase.

Put a strip of plastigauge lengthwise on each main journal avoiding the oil hole.



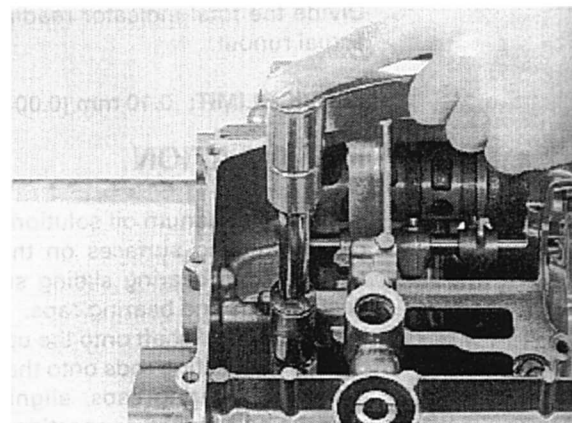
Install the dowel pins.

Carefully install the lower crankcase on the upper crankcase.

Apply oil to the 10 mm special bolt threads and seating surfaces and install them.

Tighten the bolts in a crisscross pattern in 2 or 3 steps.

**TORQUE:** 42 N·m (4.3 kgf·m , 31 lbf·ft)



Remove the lower crankcase and measure the compressed plastigauge at its widest point on each main journal to determine the oil clearance.

**SERVICE LIMIT:** 0.048 mm (0.0019 in)

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

