

Crankshaft Main Bearing Journal Clearance

Check

NOTE: Refer to the appropriate Section 303-01 for the specification.

- 1. **NOTE:** Crankshaft main bearing journals must be within specifications before checking journal clearance.

Remove the crankshaft main bearing cap and crankshaft main bearing.

- 2. Position a piece of Plastigage across the crankshaft main bearing surface.



- 3. **NOTE:** Do not turn the crankshaft while carrying out this procedure.

Install and tighten to specifications, then remove the crankshaft main bearing cap.

- 4. Measure the Plastigage to get the crankshaft main bearing clearance. The Plastigage should be smooth and flat. A changing width indicates a tapered or damaged crankshaft or crankshaft bearing.



