

Published : Dec 20, 2001

Crankshaft Main Bearing Journal Clearance

1 . NOTE :

Verify that the following stages are followed exactly. The crankshaft must be to specification.

NOTE :

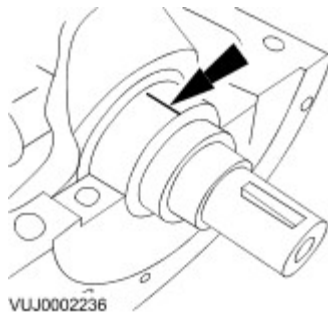
The bearing shells and journals must be free from engine oil and dirt.

NOTE :

The measuring point should be near to the center.

Position on a length of Plastigage on the bearing journal.

- Insert the associated bearing shells, without lubrication, into the cylinder block.
- Insert the crankshaft, without lubrication, into the cylinder block.
- Position a strip of Plastigage, equal to the width of the bearing, on the bearing journal.



2 . NOTE :

Measure all the bearings at the same time.

Carry out the measurement.

- Install the lower crankcase with bearing shells following the relevant tightening sequence.

3 . NOTE :

Do not hit the lower crankcase.

Remove the lower crankcase with bearing shells.

4 . Read off the measurement.

- Compare the length of plastigage with the Plastigage scale.
- The value that is read off is the bearing clearance.
- If the measurement is out of the specified range, change the bearing shells and repeat the measurement.

