

Crankshaft Bearing Clearance, Check, Measure with Plastigage (Z 22 SE)

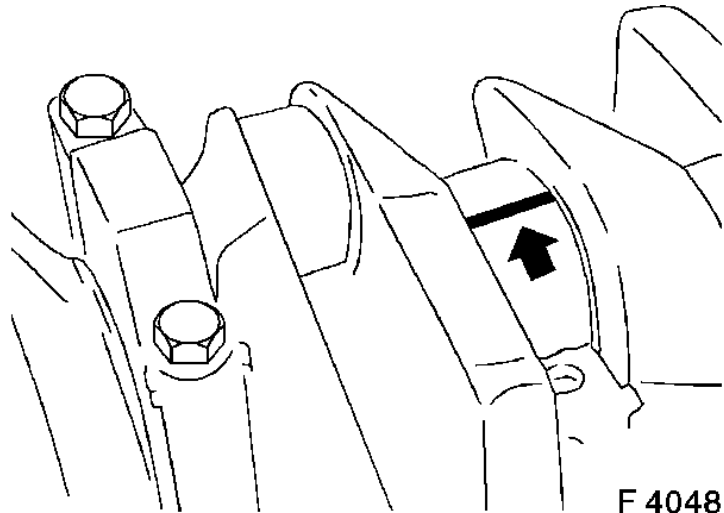


Measure

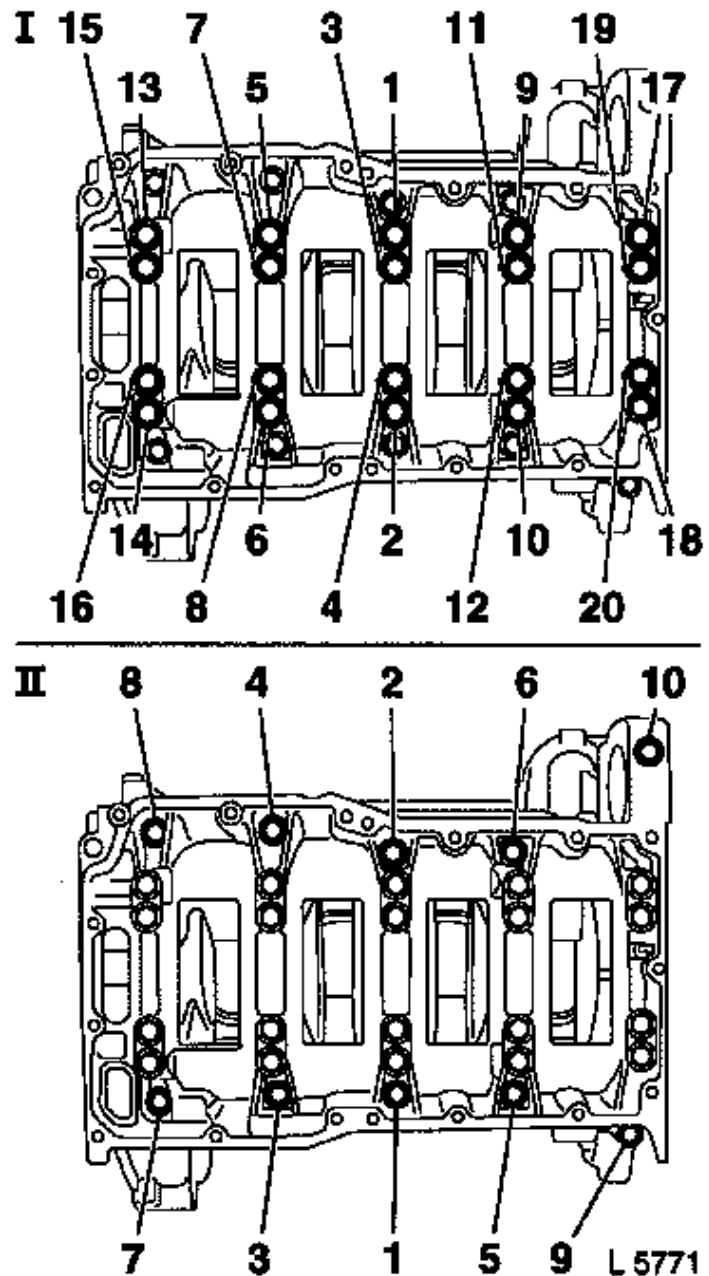
1. Cylinder block base plate removed.
Note: Cylinder block base plate removed – see operation "Crankshaft, Remove and Install"
2. Lay the Plastigage in place.
 - Lay the Plastigage (mouldable plastic thread) axially over the entire width of the crankshaft bearing journal (arrow).**Note:** Plastigage is available via the "Opel/Vauxhall – Workshop Equipment" catalogue.

Warning:

3. Do not rotate the crankshaft.



4. Attach the cylinder block base plate.
Note: Observe the tightening sequence.
 - Tighten all bolts loosely.
 - Tighten the M10 bolts – tightening torque **20 Nm + 70° + 15°**
 - Tighten the M8 bolts – tightening torque **23 Nm**



5. Detach the cylinder block base plate.
6. Measure the crankshaft bearing clearance.
 - Compare the width of the flattened plastic thread (arrow) with the measuring scale.

Note: When reading off from the scale, do not confuse millimetres and inches.

 - Permissible crankshaft bearing clearance: **0,007 - 0,014 mm**

