
Crankshaft Replacement

Topic number	LI03.20-N-036234
Version	1
Design group	03.20 Crankshaft
Date	09-27-2005
Validity	Sprinter MY02-06
Reason for change	

Complaint:

How to determine required main bearings when replacing the crankshaft

Cause:

There are five different main bearings for the crankshaft on OM612 and OM647 engines.
The required type may be individual for every shell in every bearing.

Remedy:

Determination of main bearings must be done based on production tolerances coded on the crankcase and the crankshaft.

Use attached instruction for appropriate determination.

Attachments	
File	Designation
Crankshaft bearing hand-out.pdf	Instruction for determining the crankshaft main bearings

Symptoms

Power generation / Engine noise / Rattling