

ENGINE

No. B-7

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AUGUST, 1964

TO: ALL ROOTES GROUP DEALERS
MODEL: SUNBEAM IMP
SUBJECT: OIL LEAK FROM REAR MAIN BEARING

Where it is necessary to investigate a complaint of excessive oil leakage in the area of the rear main bearing, the following action should be taken:-

1. Clean off the rear of the engine to establish that the leak is coming from this area.
2. Remove the engine and examine the transaxle for a leak from the primary shaft oil seal.
3. Examine the plug at the rear end of the oil gallery (behind the flywheel) for leakage either from the thread or from cracks in the casting. The thread should be re-sealed with Welseal Jointing Compound.
4. Remove the main bearing cap and clean off any casting flash or step in the drain slots.
5. Lightly stone any bruises or burrs on the machined faces of the cap and block. It is essential that these surfaces are kept scrupulously clean.
6. Refit the cap as per the instruction on Page 37, Section B of WSM.141. This operation demands considerable care to avoid damaging the corners of the seals against the edge of the sump joint face of the cylinder block as the main bearing cap is being re-fitted.

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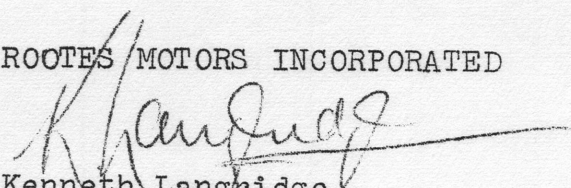
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7. When re-fitting the flywheel, seal the threads of the bolts with Welseal Jointing Compound.

ROOTES MOTORS INCORPORATED



Kenneth Langridge
General Service Manager

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