



## J2 TECHNICAL ARTICLE

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### SERVICE INFORMATION SHEET-NO 27 - CRANKSHAFT SECOND BEARING

In order to eliminate slight roughness at certain engine speeds a secondary ball race has been designed for fitting at the front end of the crankshaft. This additional ball race also forms a more efficient oil seal.

This modification is not difficult to fit, but the following remarks will be of assistance:—

1. Slacken the engine fixings to enable the front end to be dropped sufficiently to allow the engine nosepiece and crankshaft thrust washers to be removed, taking care to support the front end of the engine.

2. The crankshaft must be accurately tested for longitudinal movement and this must not exceed .008 in. If the movement is in excess of .008 in. a new main ball race should be fitted, as the secondary race must not be allowed to take any thrust load.

