



SPARES for ROYAL ENFIELD & AMAL

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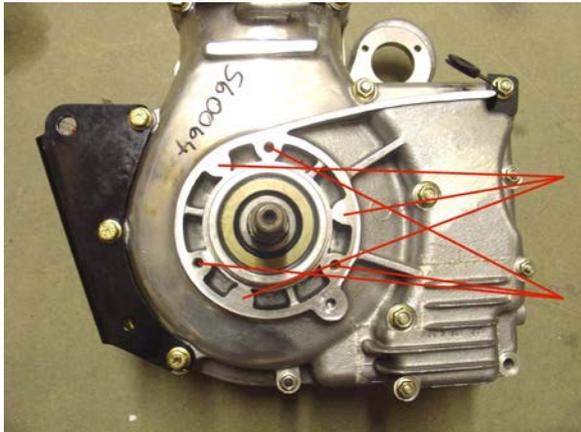
## ELECTRIC START TO KICK-START CONVERSION (PART 90152) LEFT GEAR CHANGE

The kit Comprises:

- A modified inner primary cover
- Front engine sprocket
- Primary cover seal, oil seal and gaskets
- Inner primary cover fixings
- M8 tap

Remove all the primary drive, including the existing inner primary cover, and electric start motor as per the workshop manual.

**Note** The three inner cover mounting holes for the new inner primary cover are in a different place to the electric start cover. Three new fixing holes have to be drilled and tapped to accept the three new fixing studs.



Location where the new fixing holes are required

Location of existing fixing holes

### To Locate and Drill the New Fixing Holes

Fit the new oil seal into the gear change cross shaft hole in the inner primary cover.

Fit the new gearbox mainshaft oil seal plate to the inner primary cover.

Fit the new inner primary cover onto the engine. Press the inner cover onto the crankcases to ensure the large hole at the front of the cover is full engaged onto the corresponding boss on the crankcase. Gently rotate the inner cover to a position where the gearbox output shaft is central in the oil seal and, similarly, the gearchange cross shaft is central in the hole in the inner case.

This will position the inner primary cover onto the crankcase for drilling and tapping the new fixing holes.

Mark the position of the three new fixing holes and drill with a 6.8mm tapping drill to a maximum depth of 20mm. Tap the three holes and remove all the swarf.

Assemble the cover onto the crankcases using the three new studs and nuts.

Re-assemble the alternator and primary drive and fill the chaincase with ATF up to the level screw.

Remove all the wiring from the starter motor to the starter relay and from the relay to the battery