

# **Important Notice – Crankshaft oil seal adaptor**

## **Please read these instructions carefully before proceeding**

This kit removes the existing scroll type oil seal and replaces it with a conventional rubber oil seal. This conversion is designed to eliminate the inevitable oil seepage that comes from the scroll type arrangement. It is not designed to stem large oil leaks that are the result of further engine problems.

Engines can leak heavily due to worn main bearings allowing movement in the crankshaft (this often damages the original scroll arrangement) or as the result of excessive crank-case pressure from combustion gases bypassing the piston rings and/or inadequate engine crank-case breathing.

For the oil seal to work effectively and last for a long time it is important that the surface it seals against on the crankshaft (shown on diagram below) is sufficiently smooth. Many crankshafts have a very course surface that will require polishing (machining in extreme cases) before the kit is fitted. The kit must be fitted so that the crankshaft is concentric to the seal; care and precision are essential to allowing this kit to work correctly.

