



SPARES for ROYAL ENFIELD & AMAL

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IMPORTANT FITTING INSTRUCTIONS FOR MODIFIED OIL FEED PLUG (42114C) ON ROYAL ENFIELD 500/700/750 TWINS

THIS MODIFIED OIL FEED ASSEMBLY, PART NO.: 42114C (PART 42114A + 42114B) IS DESIGNED AS AN IMPROVEMENT OVER THE ORIGINAL OIL FEED SEAL (PART 42114). ON SOME ENGINES DUE TO A SLIGHT MISALIGNMENT BETWEEN THE FEED PLUG AND THE CRANKSHAFT WORM THE STANDARD SEAL WAS PRONE TO RAPID WEAR AND EARLY FAILURE, RESULTING IN LOSS OF OIL PRESSURE TO THE BIG ENDS. THE MODIFIED SEAL, BEING SELF ALIGNING COMPENSATES FOR THIS.

THE FIBRE WASHER (24177) SUPPLIED IS IMPORTANT. IF IT NEEDS TO BE REPLACED AT ANY TIME ENSURE THAT THE WASHER IS AT LEAST 3/64" (1.2mm) THICK. THIS IS TO PREVENT THE NEW NYLON BOBBIN BEING TRAPPED, AS IT NEEDS TO HAVE END CLEARANCE. **PLEASE ENSURE THAT YOU HAVE END CLEARANCE, THIS IS OF THE UPMOST IMPORTANCE.**

THE BOBBIN NEEDS TO BE A TIGHT FIT IN THE MODIFIED PLUG, THIS PREVENTS EXCESSIVE WEAR DUE TO IT BEING ROTATED BY THE OIL PUMP WORM IN THE CRANKSHAFT. IT MAY BE NECESSARY TO CAREFULLY REDUCE THE OUTER DIAMETER OF THIS SELF ALIGNING BOBBIN IF IT IS FOUND TO BE A TIGHTER FIT IN THE WORM THAN IN THE MODIFIED PLUG. IT HAS BEEN FOUND THAT INDIVIDUAL WORMS VARY ON THEIR INTERNAL DIAMETER.

WE RECOMMEND THAT YOU CHECK THE BOBBIN AT APPROXIMATELY 50 MILES FOR SIGNS OF EXCESSIVE WEAR, AND THEN AT EACH OIL CHANGE.

THIS DESIGN HAS BEEN USED SUCCESSFULLY FOR OVER 30 YEARS, BUT IS USED AT YOUR OWN RISK.

