

# HINTS AND TIPS ON — SERVICE —

For **BSA** and **ARIEL** Dealers

Service Bulletin #177

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## 1965 B40SS90 AND B40ES MODELS

### NEW CONNECTING ROD - CRANKPIN AND BEARING ASSEMBLY

This new 1965 Connecting Rod - Crankpin and Bearing Assembly has been introduced to give greater strength to support the roller bearings, to ensure free running and to provide more complete lubrication.

These improvements will give longer bearing life:

1. The connecting rod big end eye has been enlarged and webbed to accommodate a stronger bush.
2. The big end bush has been increased in diameter to give a thicker wall section to support the roller bearings.
3. A - The crankpin has an extra oil hole in it 45° from the original oil hole to supply oil where the bearing load is the greatest.

B - The diameter of the flanges on this new crankpin have been reduced .035" and the width across the flange has been reduced .006" to ensure free running of the roller cage and roller bearings.

We have these connecting rod, crankpin and bearing assemblies in stock now and they can be ordered under the part number shown below:

1      41-178      Conn. Rod, Crankpin & Bearing-Complete.

*Walter Brown*  
Walter Brown,  
Service Manager