



MANUFACTURERS OF  
TRANSMISSION SYSTEMS  
FOR RACING AND  
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### **BSA Goldstar Layshaft Bush Conversion to Needle Bearings**

We recommend this conversion if the Nova 5 speed gearboxes are being used on the race track due to the higher loads, operating speeds and temperatures.

To convert your standard cases to the same configuration as the RRT2 cases, with needle bearings instead of bushes, you must do the following.

It is necessary to remove the layshaft bushes and replace as follows:

The Drive gear end bush is directly replaced with a drawn cup needle bearing with a sealed end measuring 11/16" x 7/8" x 3/4" Long.

The 1st gear end bush is removed and the recess bored out to take a standard drawn cup needle bearing measuring 3/4" x 1" x 3/4" Long.

We do not supply either of these bearings with the Nova Goldstar kit, neither do we undertake the case modification.