



## J2 TECHNICAL ARTICLE

Number 70

From Octagon Heaven

December 24, 1981

Resource: M.G. Car Company Ltd.  
issued June 1934

### SERVICE INFORMATION SHEET NO. 14 - PROPELLER SHAFTS

The propeller shafts fitted to our standard models are designed to withstand torque loads and whirling speeds in excess of that required by these models in their standard condition.

It will be readily understood, however, that if an increase in engine performance (i.e. higher engine speeds with an increase of maximum horse-power) is required, a propeller shaft must be fitted that is capable of transmitting the additional power.

One or two cases have come to our attention where standard models have been specially tuned, and in consequence the power units have developed a greater maximum horse-power, together with higher engine speeds, transmitted through a standard propeller shaft. The result is that, owing to the increase in torque and revolutions per minute, these shafts have been over-stressed and failed.

Our Service Department are able to supply a propeller shaft to meet these requirements on request, providing the maximum engine r.p.m., and if possible, maximum horse-power developed, is stated on the order.

We shall be very pleased to give any advice or other assistance on request being made to our Technical Department.