

GENERAL  
DATA

No. 64-12

NOVEMBER, 1964  
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NOTE: PAGE III MISSING

TO: ALL ROOTES GROUP DEALERS

MODEL: HILLMAN SUPER MINX I & II, MINX V, SUNBEAM  
DELUXE, HILLMAN HUSKY III

SUBJECT: FRONT SUSPENSION, STEERING AND PROPSHAFT

It would not appear to be fully understood by a number of Dealers that it is necessary to check greaseless joints, etc., during the normal Voucher Service.

To assist you in carrying out the checking of greaseless joints, the following procedure should be adopted:-

#### PROPSHAFT

Examine universal joints for wear and leakage.

#### STEERING & SUSPENSION JOINTS

Examine steering joints and swivel bearings for wear and also for damage to seals. If, on the upper and lower swivel bearings seal damage is apparent, or you suspect that wear is present, then a more detailed check should be carried out as described below:-

Upper Joints - With the car in the normal static position, the top wishbone should be levered downwards as shown in Figure 1.

Should any movement within the joint be evident, it must be replaced.

Lower Joints - Place the car on a wheel supporting ramp and with the handbrake applied, place a suitable jack under the lower wishbone on the side to be examined, as shown in Fig. 2. Jack up until there is sufficient clearance beneath the tire to insert a suitable lever. By lifting the lever, any clearance within the joint will be evident.

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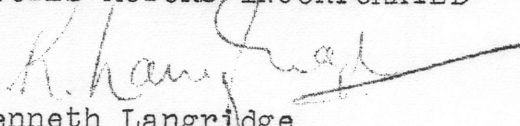
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Replace the joint if any internal movement is present.

It is recommended that this procedure is adopted as a precautionary measure on any car that has covered 12,000 miles or more.

ROOTES MOTORS INCORPORATED

  
Kenneth Langridge  
General Service Manager

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Enclosure - Sketch 7588/89