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TECHNICAL SERVICE BULLETINS

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SERVICE

TECHNICAL SERVICE BULLETIN

The British Motor Corporation / Hambro Inc.

734 GRAND AVENUE, RIDGEFIELD, NEW JERSEY

February 15, 1965

TO ALL DISTRIBUTORS AND DEALERS

Re: Retention of Final Drive Pinion 1100 Range
and 1st Motion Shaft Drive Gear Mini Cooper

When fitting a replacement final drive pinion, 3rd motion shaft, 1st motion shaft drive gear or 1st motion shaft, parts should be selected to ensure that the pinion or gear is as close a fit as possible (the ideal is a 'tap fit') on the shaft.

The 1st and 3rd motion shaft nuts should be tightened to a torque figure of 150 lbs./ft. instead of the 90 lbs./ft. called for in the Workshop Manual. These will be revised in due course.

For 1st and 3rd motion shaft nuts, new washers of improved material have been introduced, reducing the tendency to 'hammer down' in use with consequent slackening of the nut. Part numbers are:

22A 612 Washer - 1st motion shaft nut (was 2A 3547)
22A 613 Washer - 3rd motion shaft nut (was 22G 49)

New washers can be used on earlier cars (22A 613 on cars fitted with baulk ring synchromesh only) and were fitted in production from engine numbers:

MG 1100	{ 10GR-TA-H 56793+
	{ 10GRB-TA-H 3210
Mini Cooper	8AM-U-H 819201



TECHNICAL SERVICE BULLETIN

The British Motor Corporation / Hambro Inc.
734 GRAND AVENUE, RIDGEFIELD, NEW JERSEY

May 15, 1965

TO ALL DISTRIBUTORS AND DEALERS

Re: Gearchange Stiffness

Austin Healey Sprite
Mark III
MG Midget Mark II

Complaints have been received concerning partial jamming in top and 3rd gear positions after reasonably long runs, and it has been found that this is due to an hydraulic lock in the gearchange mechanism.

To obviate this condition, the rear selector lever 2A 3388 should have a 1/16" dia. vent hole drilled near the bottom of the bore.

Please ensure that this modification is carried out before changing any more gearboxes with the complaint of stiffness.

NOTE: The distributor, service manager, or representative must be advised of this problem before the modification is carried out.





TECHNICAL SERVICE BULLETIN

The British Motor Corporation / Hambro Inc.
734 GRAND AVENUE, RIDGEFIELD, NEW JERSEY

May 15, 1965

TO ALL DISTRIBUTORS AND DEALERS

Re: Gearbox Mounting

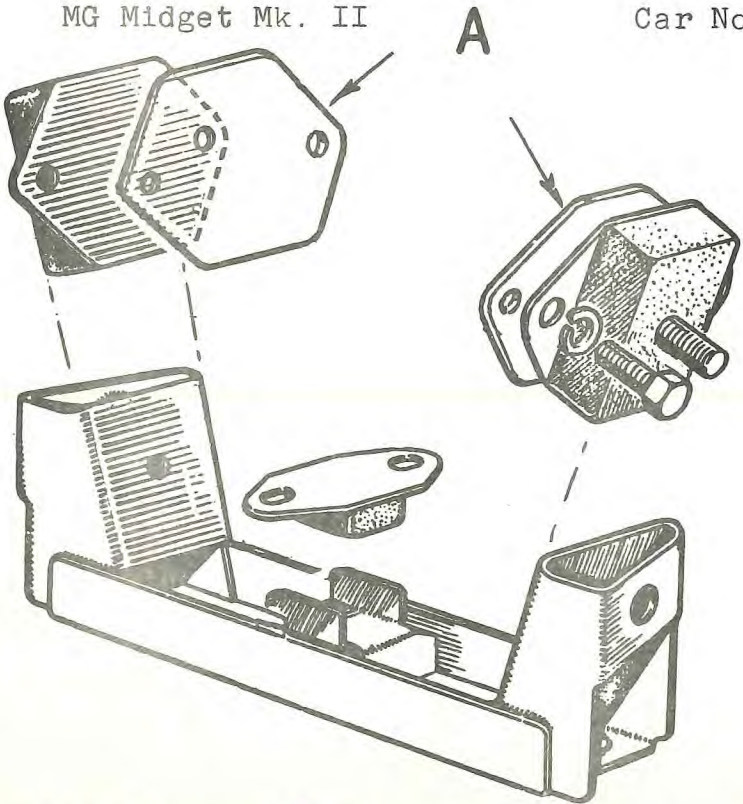
Austin Healey Sprite
Mark III
MG Midget Mark II

Certain complaints of engine vibration and harshness have been traced to the gearbox rear extension resting on the rear mounting support.

This condition may be rectified by inserting packing pieces, Part No. 2A 5423, between the mounting assembly and the gearbox rear extension, as incorporated in production from the following change-points:

Austin Healey Sprite Mk. III Car No. 48403

MG Midget Mk. II Car No. 35589





SERVICE

TECHNICAL SERVICE BULLETIN

The British Motor Corporation / Hambro Inc.

734 GRAND AVENUE, RIDGEFIELD, NEW JERSEY

June 15, 1965

TO ALL DISTRIBUTORS AND DEALERS

Re: Clutch Judder

'A' Type
Transverse Power
Units

When investigating this trouble it should be ensured that the current 'short hub' type clutch driven plate (see Service Bulletins GN/129 and GN/143) is fitted. Relevant Part Nos. are as follows:

<u>Part No.</u>	<u>Vehicle Type</u>
22G 248	1100 Range Cooper 'S'.
22A 565	Mini Range
22A 566	Cooper 997 cc. & 998 cc.

The crankshaft primary gear splines should be lightly wiped with Duckham's M-B grease. This is obtainable under Part No. AKF 1457.



TECHNICAL SERVICE BULLETIN

The British Motor Corporation / Hambro Inc.

734 GRAND AVENUE, RIDGEFIELD, NEW JERSEY 07657

*PLEASE DESTROY YOUR EXISTING COPY OF
1 D 5 AND REPLACE IT WITH THIS ONE

January 30, 1967

TO ALL DISTRIBUTORS AND DEALERS

Re: Flywheel Housing/Crankshaft
Primary Gear Oil Seal

Mini Range
1100 Range

To obviate oil leakage into the flywheel housing, a new scroll type oil seal of silicon rubber (coloured Red) has been introduced under Part No. 13H 2934. This replaces the existing black coloured seal Part No. 13H 150, which must no longer be used, at the following engine numbers:-

8AM-U-H 944589) (Plus 935810 to 936100) and 944116 to 944200)	Mini Range
8AC-U-H 1848	Mini Moke
9FD-SA-H 6448	Mini Cooper
9F-SA-Y 36423	Mini Cooper 'S' (1275 cc.)
9F-SA-X 29932	Mini Cooper 'S' (970 cc.)
10V-TA-H 4053	Vanden Plas Princess 1100
10GRB-TA-H 12207	MG 1100

Attention is drawn to the lip of the new seal which is extremely susceptible to damage: consequently great care must be exercised when handling and fitting this part.

A modified protector sleeve, Part No. 18G 1043, (See Technical Service Bulletin 1 G 15) has been introduced and it is essential this tool be used and not 18G 570 or some improvisation when fitting 13H 2934.

For fitting instructions see over:-
P.T.O.