

CONFIDENTIAL

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| Distributor & Dealer Organization |
| No. MG / 307 |
| Fleet Users No. |
| 23 March 1960 |

SERVICE MEMORANDUM

PISTON RINGS

MGA 'TWIN CAM'

A plain cast iron top piston ring has now been introduced, replacing the chromium-plated type fitted hitherto. The new ring is to improve oil consumption and is interchangeable with both its chrome predecessors (Part Nos. AEH556 & AEH649).

It is advisable that, whenever an engine calls for a replacement ring or rings, the opportunity be taken, where necessary, of making a complete conversion to the latest type top and scraper rings.

The piston and piston ring history of the engine is tabulated overleaf.

NOTE: 2nd & 3rd Taper compression rings (AEH577) remain constant from outset

| PISTON ASSY. | TOP RING | SCRAPER RING | ENGINE CHANGE PT. | | PARTS LIST AMEND-MENT | REMARKS |
|--------------|-----------------|-------------------------------------|---------------------------------|---------------------------------|-----------------------|---|
| | | | comm-enced | fini-shed | | |
| AEH554 | AEH556 (chrome) | AEH558 | 101 | 445 | | Use AEH681 to replace AEH554. * Use AEH682 & AEH672 in sets to replace AEH556 & AEH558 repectively. * Also replace AEH556 & AEH558 with AEH682 & AEH672 on remaining piston(s) if less than 4 being replaced. |
| AEH616 | AEH556 (chrome) | AEH615 (twin-segment) | 446 | 605 | PMG 331, 333 | Introduction of twin-segment scraper ri (6-slot type); some only fitted with expander. Use AEH681 to replace AEH616. * Use AEH682 in sets to replace AEH556. Fit expander ring (Part No. AEH680) behind AEH615, where necessary, or use AEH672 where replacements of AEH615 are required. * Also replace AEH556 with AEH682 and fit expander (Part No. AEH680) where necessary on remaining piston(s) if less than 4 being replaced. |
| AEH640 | AEH649 (chrome) | AEH615 (twin-segment) | 606 | 2042 except 2044 to 2052 & 2056 | PMG 347 | Introduction of new top ring to reduce piston noise. Use AEH681 to replace AEH640. * Use AEH682 in sets to replace AEH649. Fit expander ring (Part No. AEH680) behind AEH615, where necessary, or use AEH672 where replacements of AEH615 are required. * Also replace AEH649 with AEH682 and fit expander (Part No. AEJ680) where necessary on remaining piston(s) if less than 4 being replace. |
| AEH673 | AEH649 (chrome) | AEH672 (twin-segment with expander) | 2043 except 2044 to 2052 & 2056 | | PMG 371 | Introduction of scraper ring (8-slot type, twin-segment) with expander. Use AEH681 to replace AEH673. * Use AEH682 in sets to replace AEH649. * Also replace AEH649 with AEH682 on remaining piston(s) if less than 4 being replaced. |
| AEH681 | AEH682 (plain) | AEH672 (twin-segment with expander) | 2251 | | PMG 421 | Introduction of plain cast iron top ring as advised above. |