

# Land-Rover Service Newsletter Vol. 3 No. 16



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The Rover Company Limited    Service Department : Solihull, Warwickshire, England

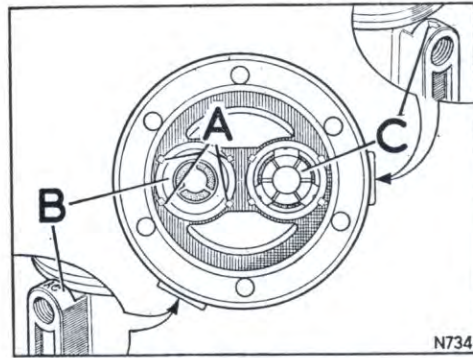
*By Appointment to  
Her Majesty  
Queen Elizabeth II*



*Manufacturers  
of Motor Cars and  
Land-Rovers*

- Item 111** SUBJECT:            **BRAKE FLUID (Policy item)**
- MODELS:                      All Land-Rovers.
- REMARKS:                    A fluid manufactured by some major oil companies for use in transmission and power steering systems, is similar in colour to Castrol Girling Crimson Brake Fluid.
- It is essential that the utmost precautions are taken to ensure that the two fluids are not wrongly used or intermixed. Girling Amber and Crimson brake fluids are **vegetable** based, whereas the transmission and power steering fluids are **mineral** based. Dangerous situations will result from using the wrong fluid in either system.
- Where any doubt exists regarding the identification of any fluid, it should be discarded and replaced by new stock in manufacturers' cans.
- If fluids are stored in other suitable containers, these containers should be scrupulously clean, firmly capped and clearly identified.
- Distributors and Dealers are again reminded that only the recommended fluids should be used in Girling brake systems.
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- Item 112** SUBJECT:            **BRAKE SERVO OVERHAUL KIT (Policy item)**
- MODELS:                      Land-Rover, Petrol models, Bonneted Control.
- MODIFICATION:              Withdrawal of brake servo overhaul kit.
- REMARKS:                    The brake servo overhaul kits, previously supplied under Part Nos. 606405 (major) and 606406 (minor) are no longer available from the Rover Co. Limited.
- The brake servo minor overhaul kit should, however, still be available from trade sources or direct from Girling under Girling Part No. GI 2495. It should be noted that the major overhaul kit has been discontinued altogether.
- The complete brake servo unit, however, is still available from our Parts Department under Part No. 569338.
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- Item 113** SUBJECT:            **FUEL PUMP (MECHANICAL)**
- MODELS:                      Land-Rover, Petrol models.
- LITERATURE  
AFFECTED:                    Land-Rover Workshop Manual, Part Two, Part No. 606408, Page 37-L.

- REMARKS:** Two methods of valve securing are used in the AC fuel pumps fitted to Land-Rovers. One method is by screw retention, where valves are removed by withdrawing two fixing screws and retainer; this method is described in the Workshop Manual.
- The other method is by staking or peening, and the valves are removed by prising them out with a screwdriver. With this method, valves must always be discarded and new ones fitted upon reassembly. Seat the new valves firmly against the gaskets and secure by staking the cover in four places around the edge of each valve.



**Fig. 1. Fitting new valves**

- A—'Staking' positions  
 B—Valve in outlet seat  
 C—Valve in seat near inlet port

- Item 114 SUBJECT: STEERING RELAY HOUSING**
- MODELS:** Land-Rover, Bonneted and Forward Control.
- MODIFICATION:** Introduction of modified Tufnol bushes to improve the consistency of the torque rating.
- REMARKS:** The Tufnol bushes in the steering relay housing now have a sawcut added, to improve the torque rating.
- The part number has not been changed and the modified bushes will be supplied for all Service replacements when stocks of the previous plain bushes are exhausted.
- Item 115 SUBJECT: TRAILER PLUG AND SOCKET**
- MODELS:** Land-Rover.
- MODIFICATION:** Introduction of new 7-pin trailer plug and socket with improved weather-proofing.
- LITERATURE AFFECTED:** Land-Rover Parts Catalogue, Part No. 605957.
- PART NUMBERS:**
- |   |    |    |   |        |
|---|----|----|---|--------|
| 7-pin trailer socket, vehicle, Hella No. A 700, 707 (3) | .. | .. | 1 | 579409 |
| 7-pin trailer plug, trailer, Hella No. A 700, 708 (3)   | .. | .. | 1 | 579408 |
- REMARKS:** Early and late parts are interchangeable individually. The new socket and plug will be supplied for all Service replacements.