

SERVICE INFORMATION

LAND-ROVER

Vol. 2 Issue 6



ROVER TRIUMPH BRITISH LEYLAND UK LIMITED
SERVICE DEPARTMENT
COVENTRY
ENGLAND CV4 9DB

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ITEM 11

Division : 51
Subject : Rear Salisbury axle flitch plate
Models : Land-Rover series III 109
Remarks :

The flitch plate (Salisbury Part No. 8HA-173-1) detailed in Service Information Vol.2, Issue 3, Item 6 is now available from our Parts Department under Part No. RTC 0845.

ITEM 12

Division : 70
Subject : Preventative brake maintenance
Models : All
Remarks :

In the interests of safety the opportunity is taken of emphasising our recommendations for preventative brake maintenance as outlined in the maintenance schedule section of the Owner's Maintenance Manual, and Passport to Service.

1. **Change of Brake Fluid every 18 months or 18,000 miles, whichever is sooner**

All brake fluids absorb moisture from the air, and a small percentage of absorbed moisture raises the freezing point but, more important, it seriously reduces the temperatures at which the fluid will boil.

For every 1% of water absorption into the brake fluid, the boiling point of the fluid is reduced by approximately 28 C. Tests have revealed that after 18 months usage, the fluid can absorb up to 3% moisture which means that the overall boiling point of the fluid can drop by as much as 84 C.

This deterioration does not mean that the brakes are unsafe for ordinary use, but in an emergency or more important in prolonged or arduous use e.g. caravan towing or continental high speed touring, their performance could be adversely affected. It is therefore, recommended that the fluid is changed every 18 months or 18,000 miles, whichever is the sooner.

In mountainous areas the continued use of old fluid could be especially dangerous, and if a Continental trip is to be undertaken, it is strongly recommended that the fluid is renewed prior to the journey, if this has not already been done within the previous 9 months.

2. **Overhaul or Replacement of Components at 3 years or 36,000 miles, whichever is sooner**

All fluid seals in the hydraulic system and all flexible hoses should be examined and renewed, if necessary, every 3 years or 36,000 miles, whichever is sooner. This also applies to the working surfaces of the pistons and bores of the master cylinder and slave cylinders. Renew the brake servo filter element.

Where a vehicle is equipped with disc brakes, remove the brake calipers and overhaul in accordance with the procedure given in the appropriate Workshop Manual, using the correct overhaul kit.

Service Managers are asked to ensure that the above recommendations are passed on to owners, when the appropriate service intervals are due. Where an owner does not for any reason wish this work to be carried out, it is in the Service Manager's interest to record the fact in the event of problems arising at a later date with the brake system.