

Section K (Brakes)

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Renewing the fluid

The fluid in the brake and clutch hydraulic systems must be renewed every eighteen months.

1. Pump the old fluid from the brake hydraulic system by slackening the bleed screw furthest from the master cylinder $\frac{3}{4}$ of a turn and when the fluid changes to air retighten the bleed screw. Proceed with the next furthest and finish at the bleed screw nearest the master cylinder in a similar manner. Discard all the old fluid.
2. Repeat the previous operation with the clutch hydraulic system, there is only one bleed screw.
3. Refill the master cylinder reservoir with the recommended fluid, see under "Recommended Lubricants"—Section P and bleed both hydraulic systems of air, see under "Bleeding the hydraulic system" in this Section and "Bleeding the system" in Section D.

Flushing the hydraulic system

When the master cylinder reservoir has become contaminated with an incorrect fluid both hydraulic systems must be immediately flushed out and refilled with fresh fluid of the recommended type.

Should the contamination be caused by a mineral oil, in addition to flushing, the flexible hoses, the seals in the brake and clutch hydraulic units and the stop light switch must be renewed.

1. Pump all the old fluid from the brake hydraulic system by slackening off the bleed screw furthest from the master cylinder $\frac{3}{4}$ of a turn and when the fluid changes to air retighten the bleed screw. Proceed with the next furthest and finish at the bleed screw nearest the master cylinder. Discard all the old fluid.

2. Repeat the previous operation with the clutch hydraulic system but in this instance there is only one bleed screw.
3. Fill the master cylinder reservoir with Girling Cleaning Fluid and pump out through each brake and clutch bleed screw. Continue to replenish the master cylinder reservoir until at least a quart (1.1 litres) has passed through each bleed screw. Discard all the old fluid.
4. Where there is mineral oil contamination, remove all flexible hoses and brake and clutch hydraulic units; dismantle, clean and fit new seals. Blow out the pipes with dry compressed air and refit, together with new flexible hoses and a new stop light switch. See under "Seals in the hydraulic units".
5. Refill the master cylinder reservoir with the recommended brake fluid, see under "Recommended Lubricants"—Section P and bleed both hydraulic systems of air, see under "Bleeding the hydraulic system" in this Section and "Bleeding the system" in Section D.

Seals in the hydraulic units

The seals in the hydraulic units must be renewed every three years and also whenever the brake and clutch hydraulic systems have been contaminated with a mineral oil.

The most satisfactory method of seal renewal is to replace the existing hydraulic units with Replacement Service Units available through the normal Parts channels; however should this procedure be impracticable Service Kits, containing the seals and when necessary tubes of lubricants are available.