

TL 4607

LEFT-HAND SIDE COVER

Overhaul

2-7B

Dis-assembly

1. Remove the left-hand side cover, (*see operation 1-7B*).

Solenoid Valve

2. Remove the coil from the solenoid valve.
3. Remove the solenoid valve.
4. Remove the 'O' ring.

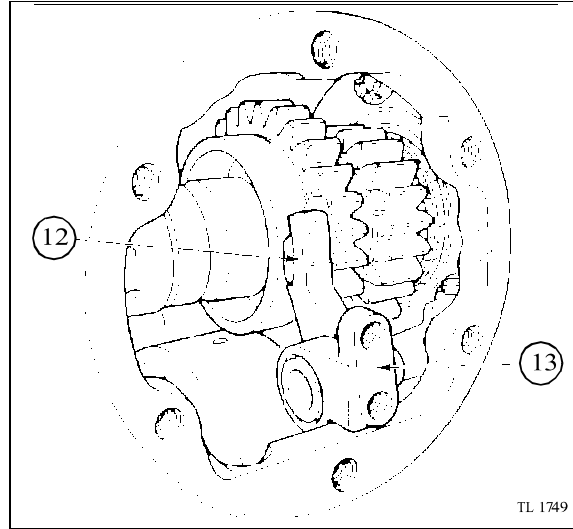
Flow Modulating Valves

5. Remove the flow modulating valve cap.
6. Withdraw the valve, spring and shims.
7. Remove the second modulating valve cap.
8. Withdraw the valve and spring.
9. Check the condition of the valves, clean the small orifice in the end of the first modulating valve.

The modulating valves must not be adjusted, they are factory set for the correct flow. Discard all 'O' rings.

Brake

10. Remove the circlip.
11. Withdraw the brake piston from the side cover. The brake system has no sealing rings, it relies on a precision fit for sealing.
12. The brake shoe can be removed from inside the transmission case by sliding it off the selector rail.
13. Remove the circlip and brake shoe off the bearing assembly.
14. Remove the roll pin and speed selector lever.
15. Remove the circlip.
16. Remove the selector lever and shaft.
17. Discard all 'O' rings.



Re-assembly

Brake

18. Clean all components and lightly lubricate parts with clean oil when re-assembling.
19. Reverse procedures 1 to 17 except:
 - a. Re-assemble the first modulating valve with the original shims removed.
20. Test the PTO clutch pack pressure, (*see operation 4-9C*).
21. Ensure that the pressure maintaining valve is correctly set, at 22-24 bar (319-348 lbf/in²) and that there is no mechanical reason for loss of pressure before making any adjustments to the maintaining valve.