



FOR SINGLE PRESSURE APPLIED CLUTCH

PRESSURE CHECK POINTS HYDRAULIC/SPRING CLUTCH CONTROL VALVE -

With a transmission input speed of 2000 RPM the following pressures and flows are required:

1. Charge pump pressure 170-210 psi.
2. Clutch pressure within 10 psi of pump pressure.
3. Pilot pressure of selected clutch - within 10 psi of pump pressure.
4. Pilot pressure of nonselected clutch - 0-25 psi.
5. Charge pump flow - 3.5 to 5.0 gpm.
6. Lube circuit flow - within 1.0 gpm of charge pump flow.
7. Lube circuit pressure - 10-25 psi.

Energizing the left solenoid No. 1 selects the hydraulically applied clutch, energizing the right solenoid No. 2 selects the spring applied clutch. Clutch pressure is checked at port "B". There is not a neutral position for this valve, if electrical power is lost the transmission will stay in the last gear selected.

NOTES