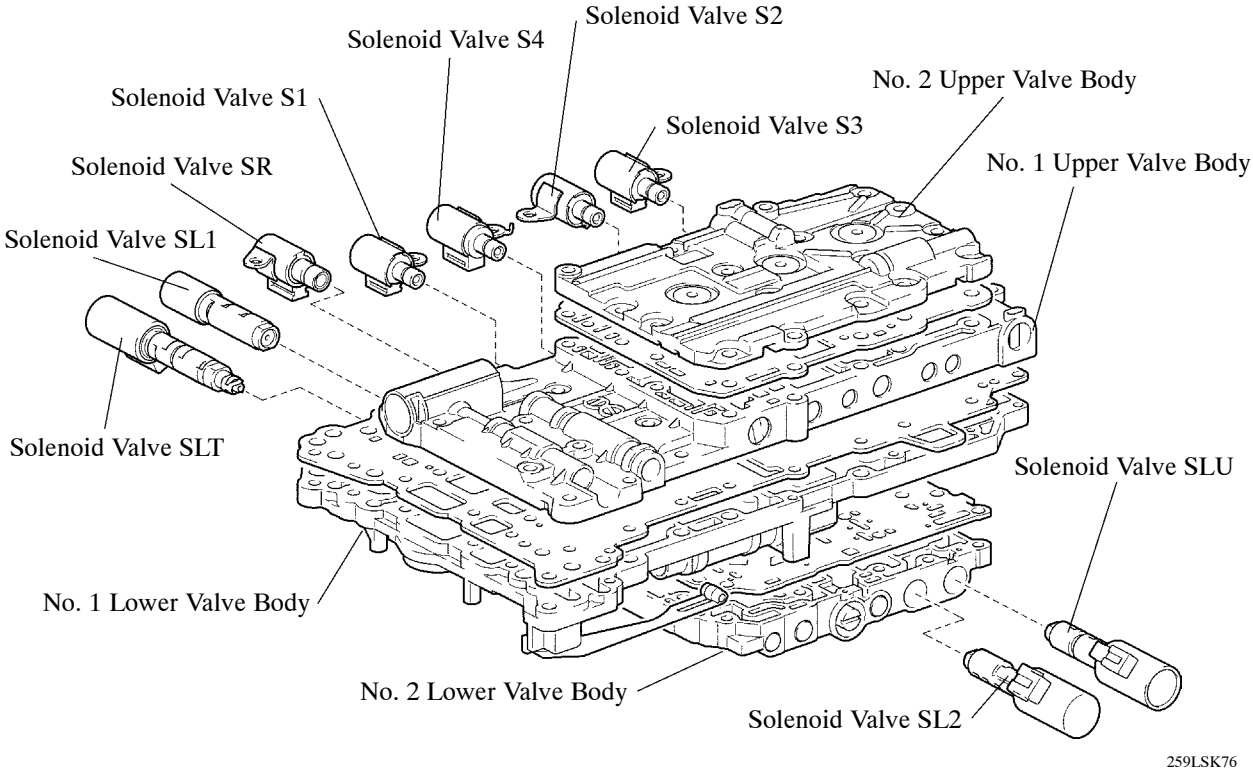
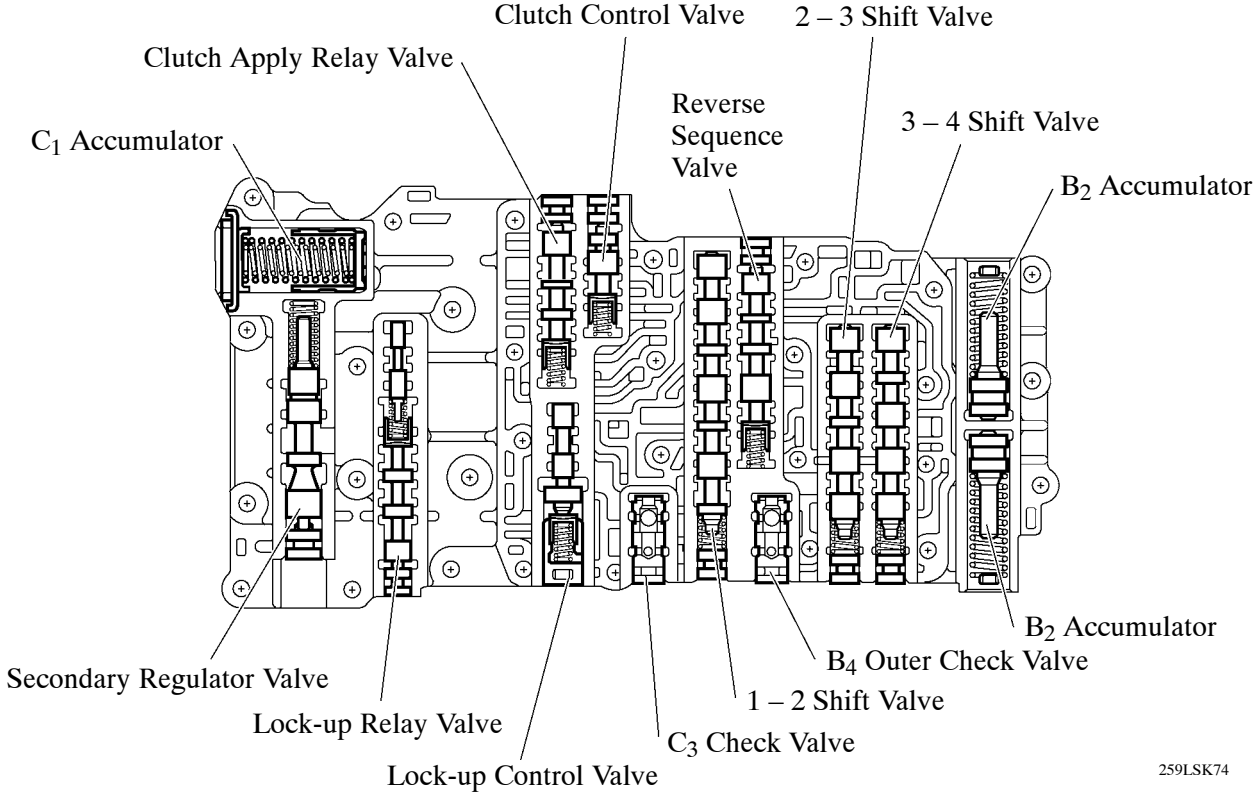
■VALVE BODY UNIT

1. General

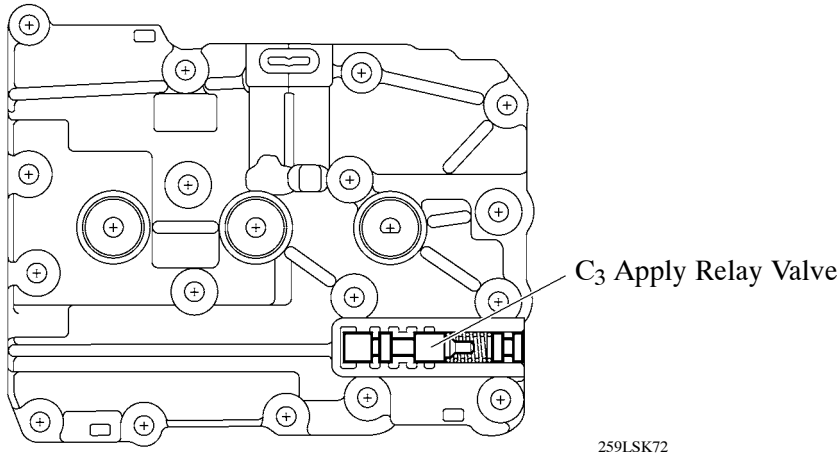
The valve body consists of the upper (No. 1 and No. 2) and lower (No. 1 and No. 2) valve bodies and 9 solenoid valves.



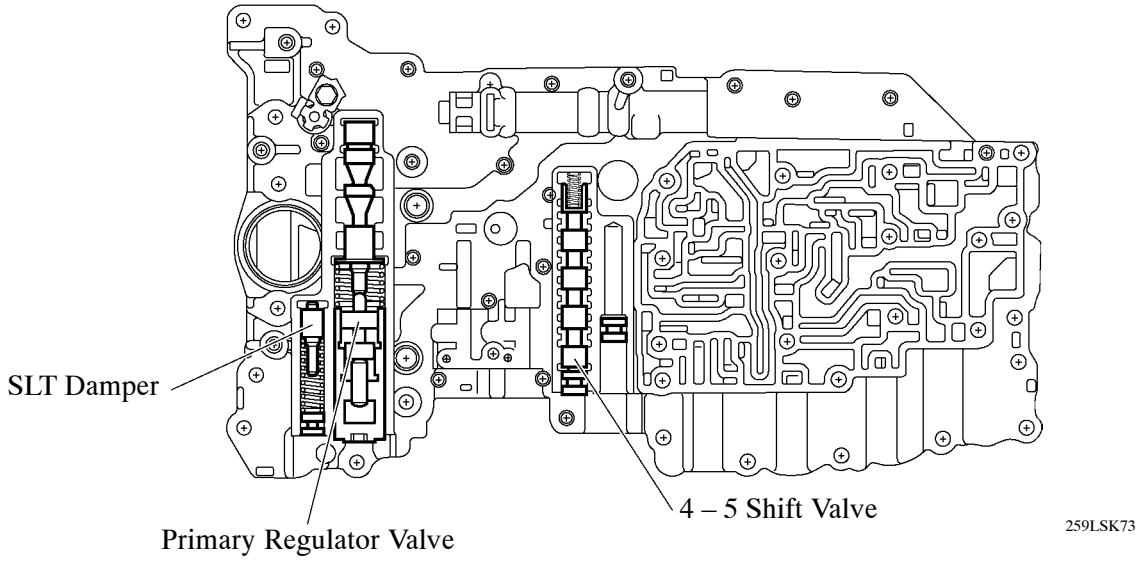
▶ No.1 Upper Valve Body ◀



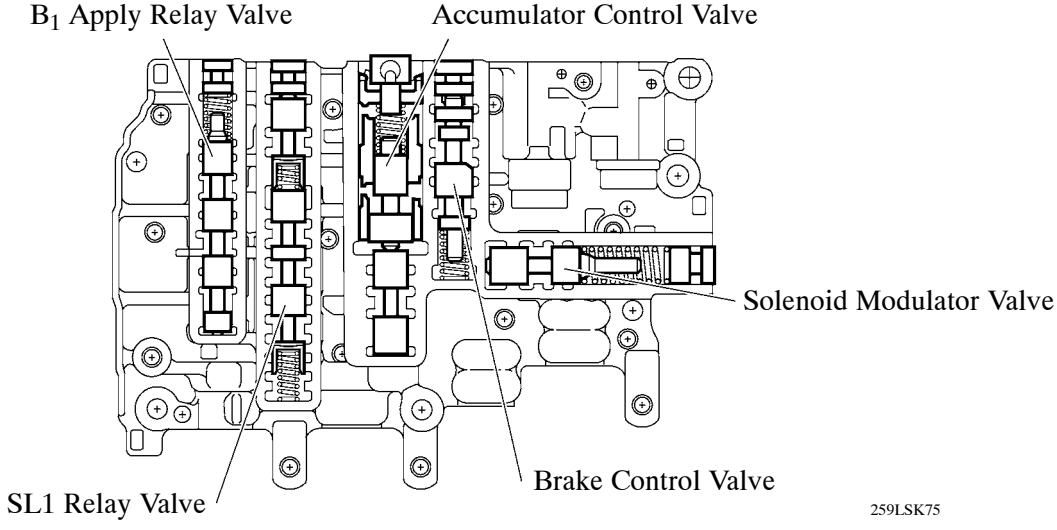
▶ No. 2 Upper Valve Body ◀



▶ No. 1 Lower Valve Body ◀



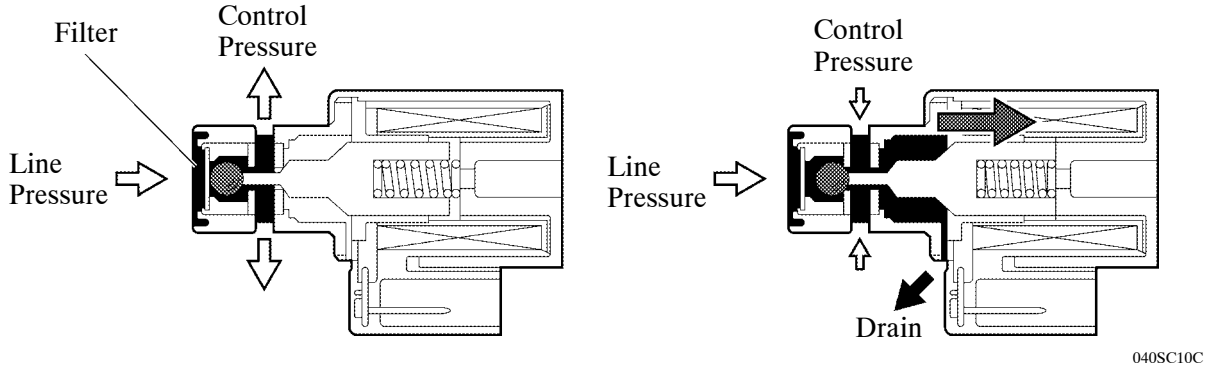
▶ No. 2 Lower Valve Body ◀



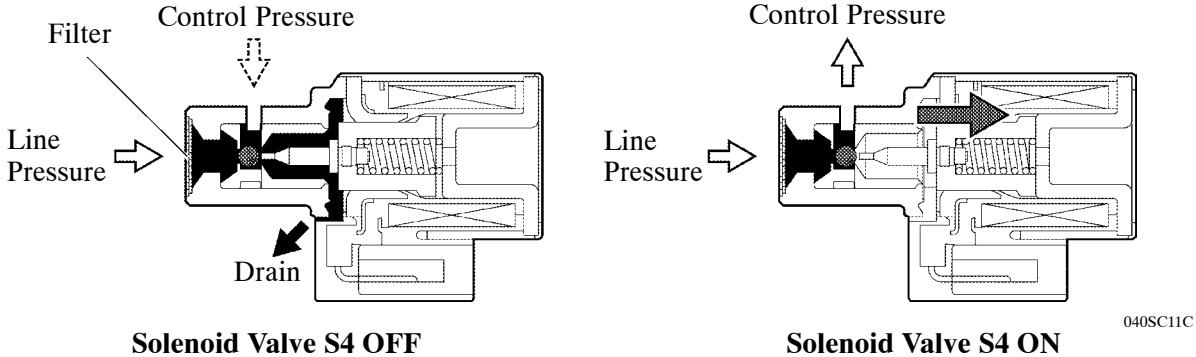
2. Solenoid Valve

Solenoid Valves S1, S2, S3, S4 and SR

- These solenoid valves are 3-way solenoid valves.
- A filter is provided at the tip of the solenoid valve to further improve operational reliability.



Solenoid Valve S1 OFF **Solenoid Valve S1 ON**



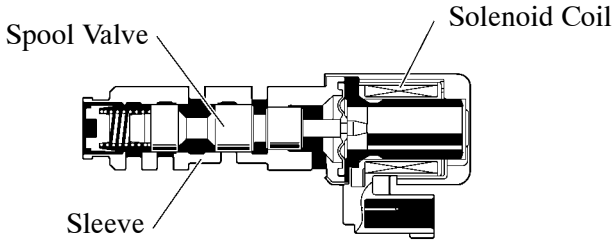
Solenoid Valve S4 OFF **Solenoid Valve S4 ON**

▶ Function of Solenoid Valves S1, S2, S3, S4 and SR ◀

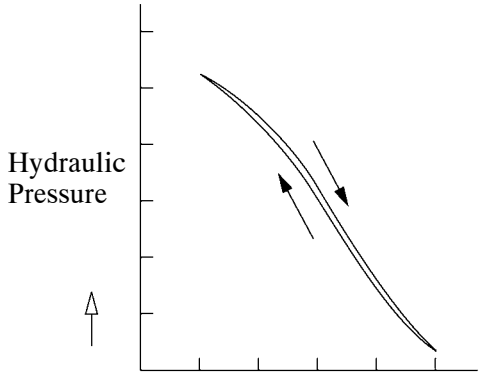
Solenoid Valve	Type	Function
S1	3-way	● Switches the 1 – 2 shift valve. ● Switches the SL1 relay valve.
S2	3-way	● Switches the 2 – 3 and the 5 – 6 shift valves. ● Switches the 1 – 2 shift valve.
S3	3-way	Switches the 3 – 4 shift valve.
S4	3-way	● Switches the 4 – 5 shift valve. ● Switches the SL1 relay valve. ● Switches the reverse sequence valve.
SR	3-way	● Switches the clutch apply relay valve. ● Switches the B_1 relay valve.

Solenoid Valves SL1, SL2, SLT and SLU

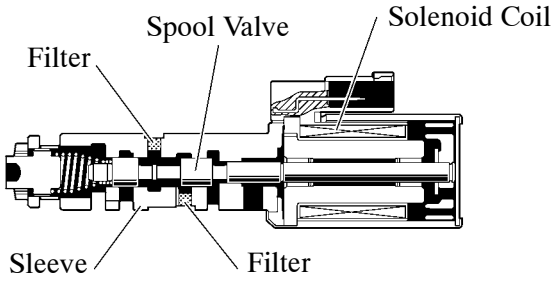
SL1, SL2, SLT, and SLU are used by the ECM to control hydraulic pressures in a linear fashion based on the current that the ECM causes to flow through their solenoid coils. They control line, clutch, and brake engagement pressure based on the signals received from the ECM.



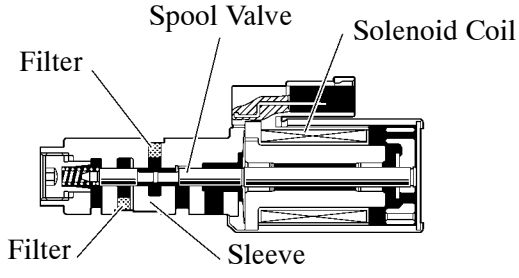
Solenoid Valves SL1, SL2



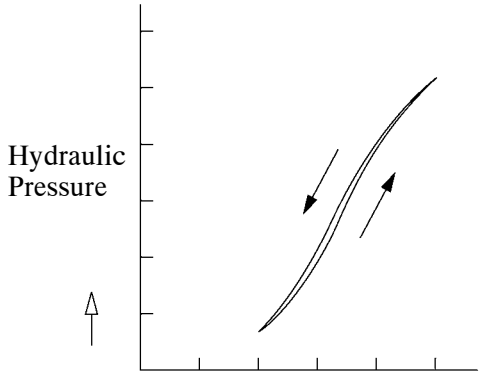
Output Characteristics of SL1, SL2 and SLT



Solenoid Valve SLT



Solenoid Valve SLU



Output Characteristic of SLU

08LCH106Y

▶ Function of Solenoid Valves SL1, S2, SLT and SLU ◀

Solenoid Valve	Function
SL1	● Clutch pressure control ● Accumulator back pressure control
SL2	Brake pressure control
SLT	● Line pressure control ● Accumulator back pressure control
SLU	Lock-up clutch pressure control