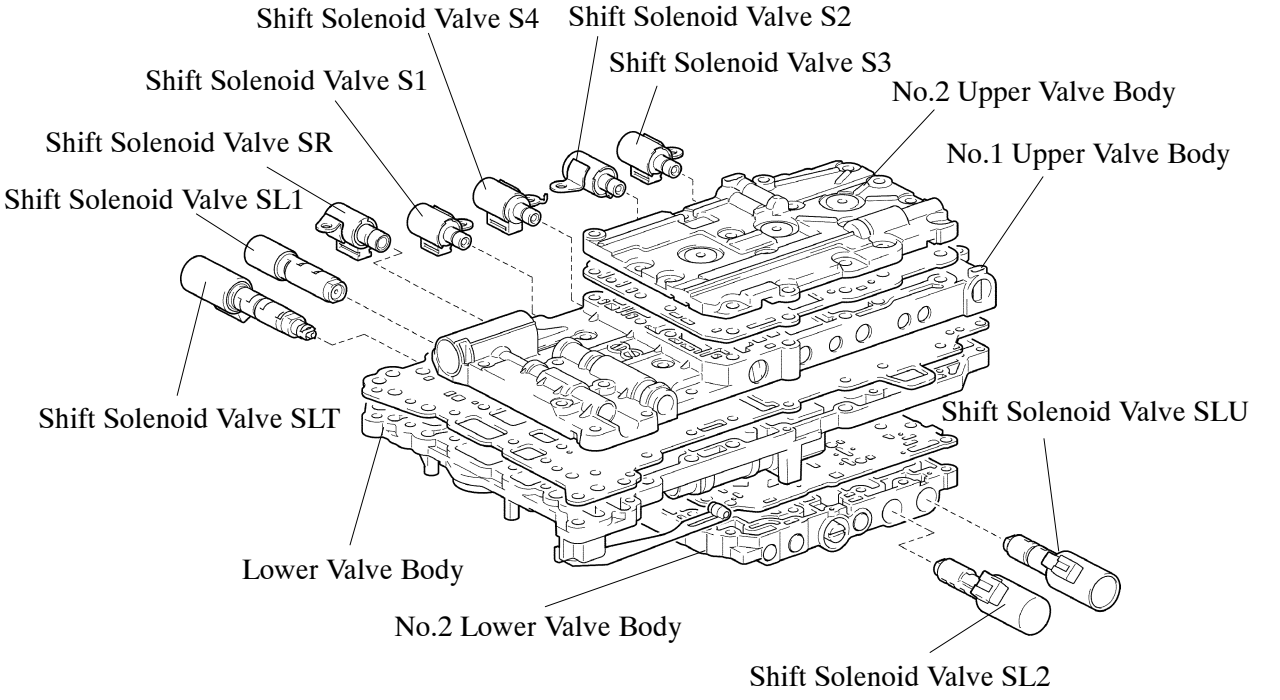
■VALVE BODY UNIT

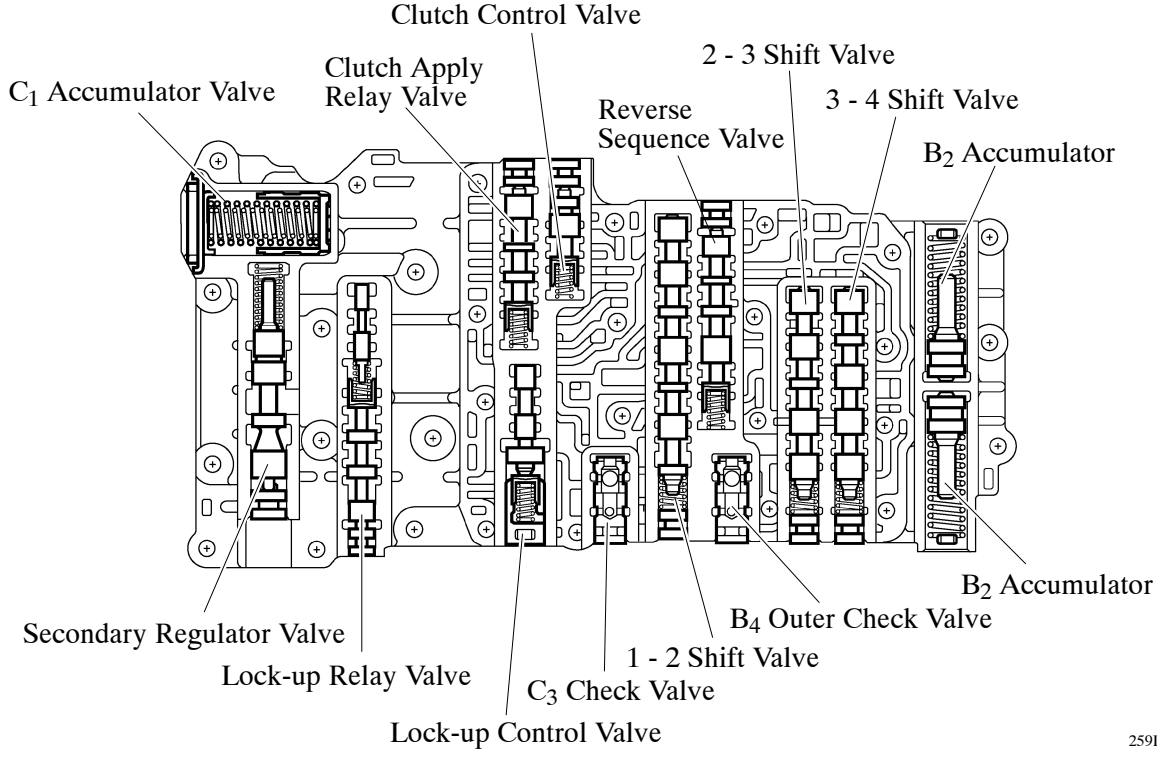
1. General

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



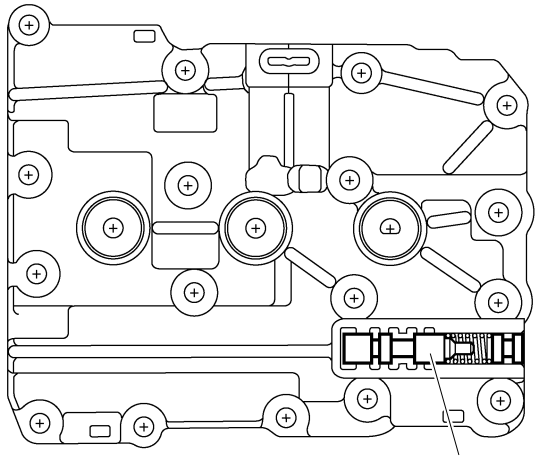
259LSK76

▶ No.1 Upper Valve Body ◀



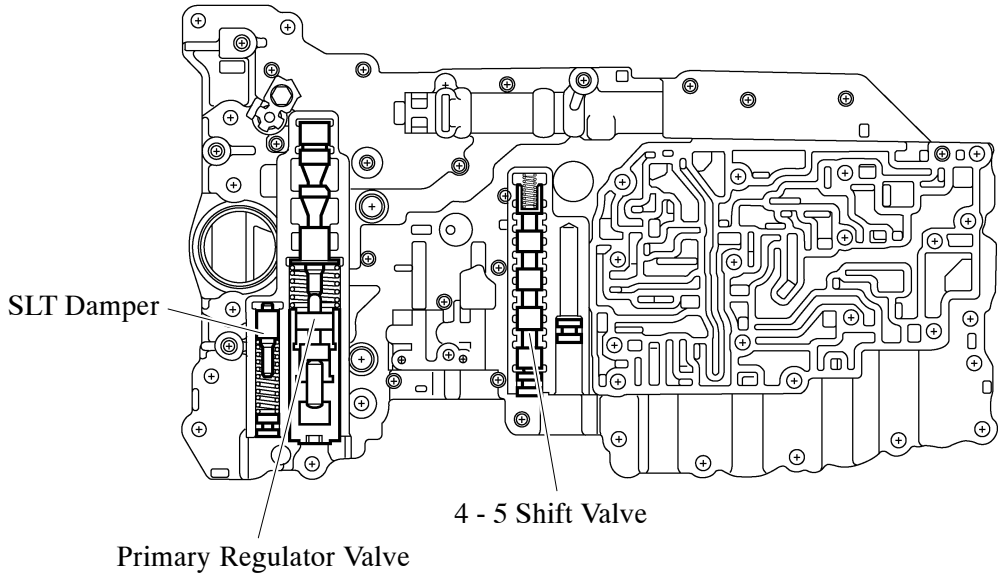
259LSK74

▶ No.2 Upper Valve Body ◀



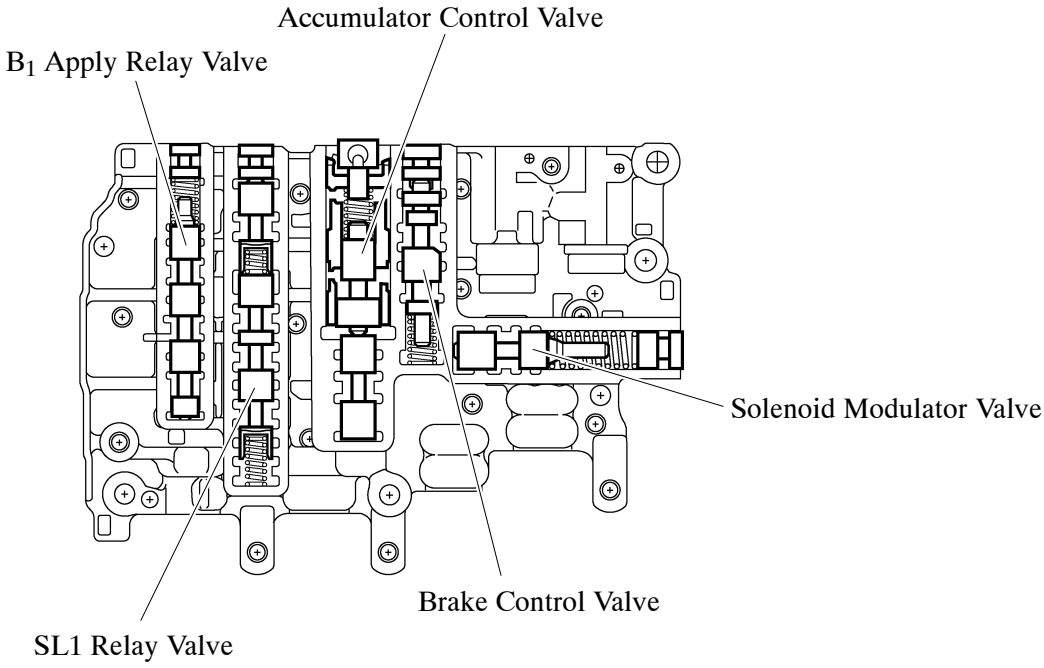
259LSK72

▶ Lower Valve Body ◀



259LSK73

▶ No.2 Lower Valve Body ◀

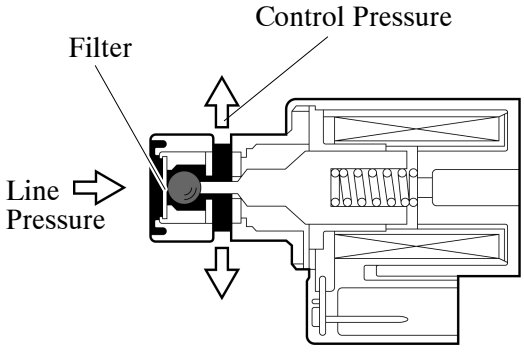


259LSK75

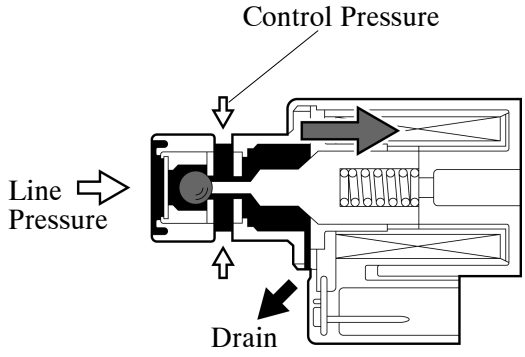
2. Shift Solenoid Valve

Shift Solenoid Valve 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.

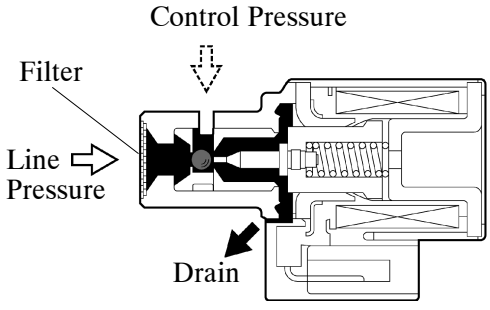


Shift Solenoid Valve S1 OFF

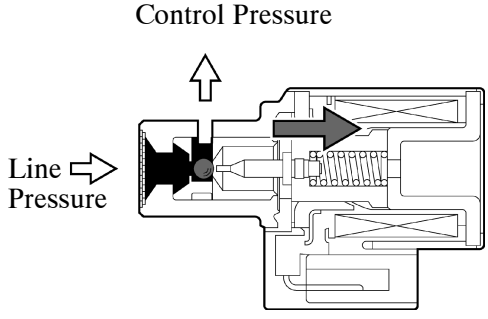


Shift Solenoid Valve S1 ON

040SC10C



Shift Solenoid Valve S4 OFF



Shift Solenoid Valve S4 ON

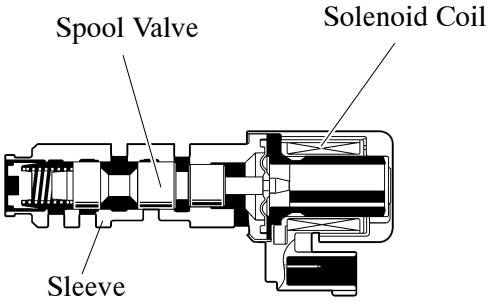
040SC11C

▶ Function of Shift Solenoid Valve S1, S2 and SR ◀

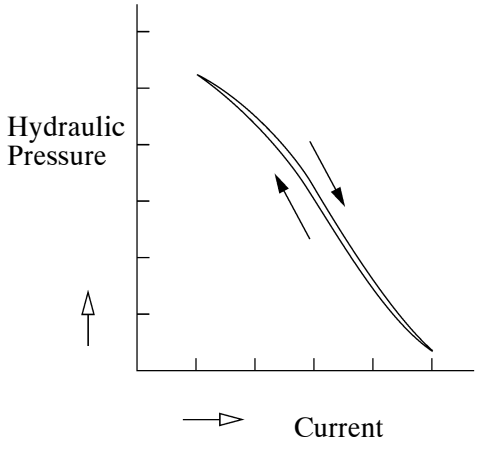
Shift Solenoid Valve	Function
S1	• Switches the 1 - 2 shift valve. • Switches the SL1 relay valve.
S2	• Switches the 2 - 3 shift valve • Switches the 5 - 6 shift valve
S3	Switches the 3 - 4 shift valve.
S4	• Switches the 4 - 5 shift valve. • Switches the SL1 relay valve. • Switches the reverse sequence valve.
SR	• Switches the clutch apply relay valve. • Switch the B_1 relay valve.

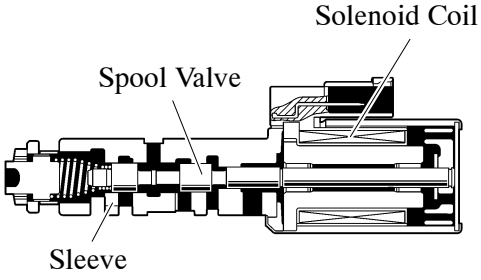
Shift Solenoid Valve SL1, SL2, SLT and SLU

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.

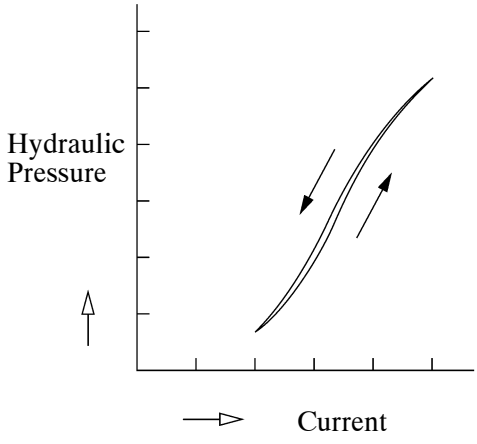


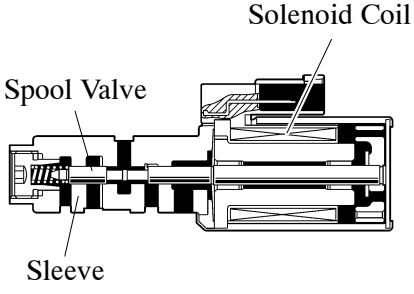
Shift Solenoid Valve SL1, SL2





Shift Solenoid Valve SLT





Shift Solenoid Valve SLU

04E1CH06Z

▶ Function of Shift Solenoid Valve SL1, SL2, SLT and SLU ◀

Shift 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

CH