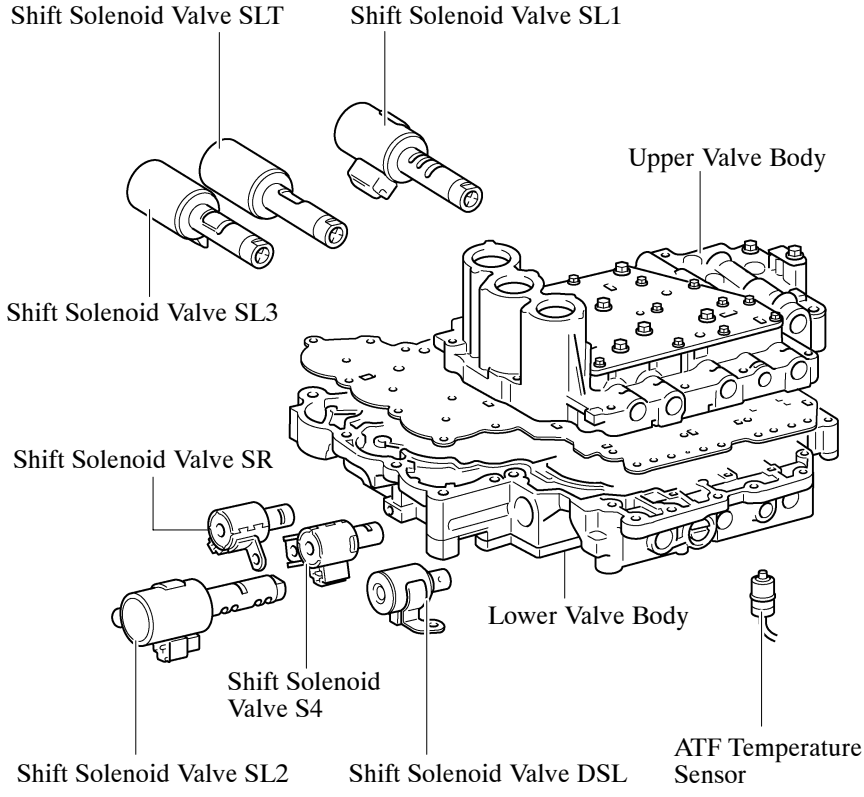
■VALVE BODY UNIT

1. General

The valve body consists of the upper and lower valve bodies and seven shift solenoid valves.

- Apply orifice control, which controls the flow volume to the B_3 brake, is used in this unit.

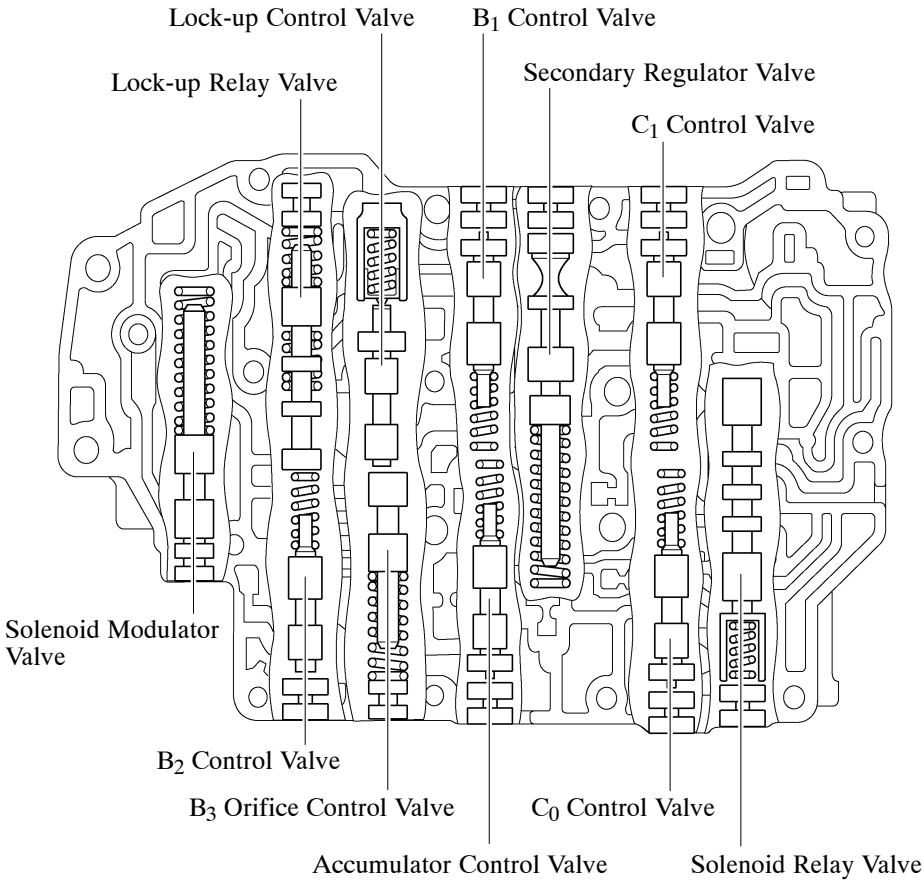


241CH97

▶ Function of Shift Solenoid Valves ◀

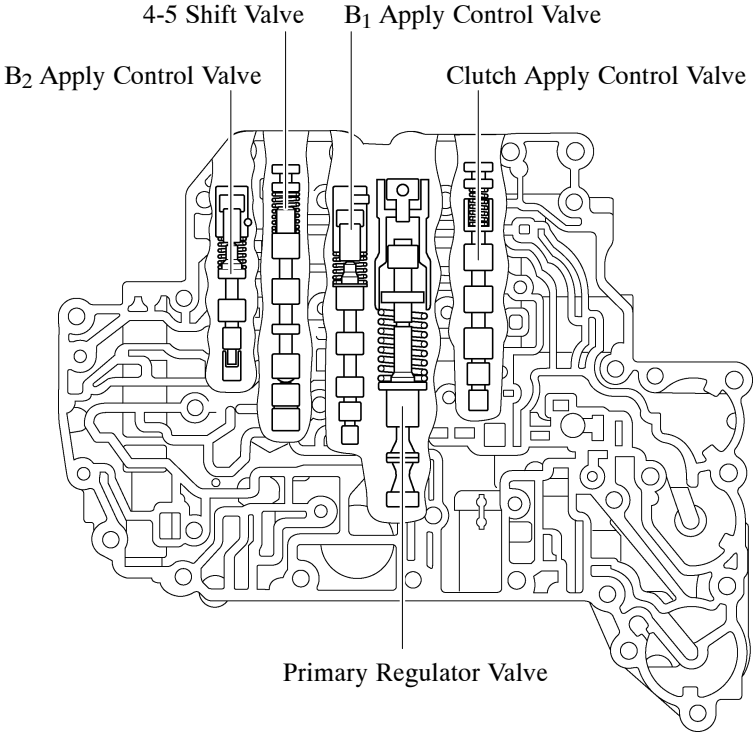
Shift Solenoid Valve	Function
SL1	B_1 brake pressure control
SL2	• C_0 clutch pressure control • Lock-up clutch pressure control
SL3	C_1 clutch pressure control
SLT	• Line pressure control • Secondary pressure control
SR	Controls the solenoid relay valve
S4	Controls the 4-5 shift valve
DSL	Controls the B_2 control valve and the lock-up relay valve

▶ Upper Valve Body ◀



211CH13

▶ Lower Valve Body ◀

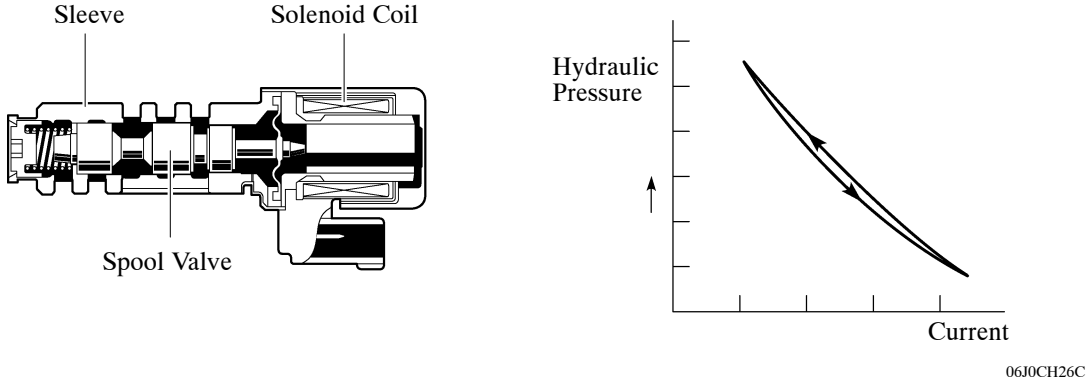


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2. Shift Solenoid Valves SL1, SL2, SL3 and SLT

In order to provide a hydraulic pressure that is proportion to current that flows to the solenoid coil, the shift solenoid valves SL1, SL2, SL3, and SLT linearly control the line pressure, and clutch and brake engagement pressures based on the signals received from the ECM.

- The shift solenoid valves SL, SL2, SL3, and SLT have the same basic structure.



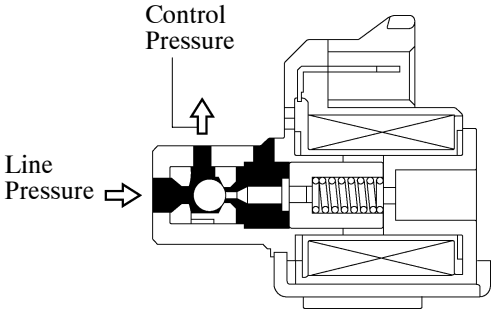
▶ Function of Shift Solenoid Valves SL1, SL2, SL3 and SLT ◀

Shift Solenoid Valve	Function
SL1	B_1 brake pressure control
SL2	• C_0 clutch pressure control • Lock-up clutch pressure control for flex lock-up
SL3	C_1 clutch pressure control
SLT	• Line pressure control • Secondary pressure control

3. Shift Solenoid Valves SR, S4 and DSL

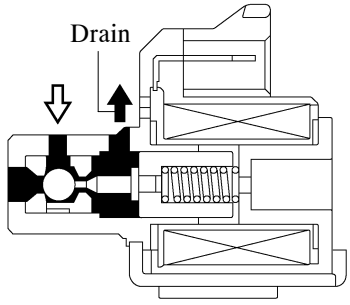
General

The shift solenoid valves SR, S4, and DSL use a three-way solenoid valve.



161ES65

Shift Solenoid Valve ON

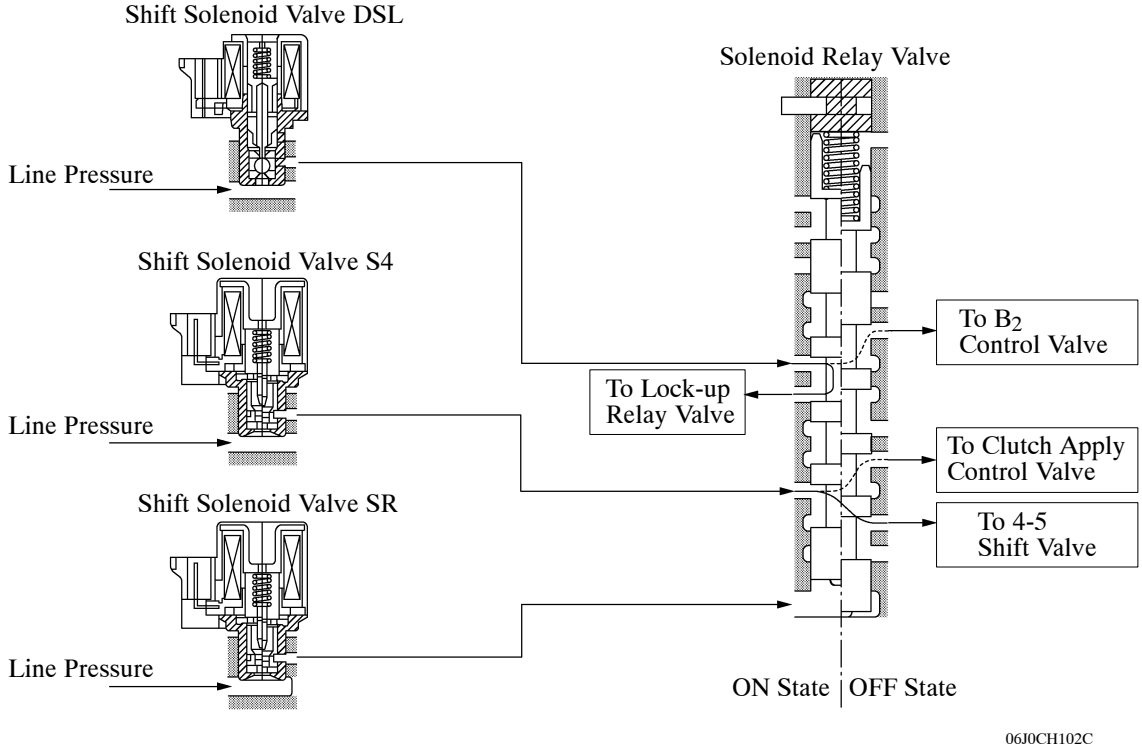


181CH12

Shift Solenoid Valve OFF

Function of Shift Solenoid Valve SR

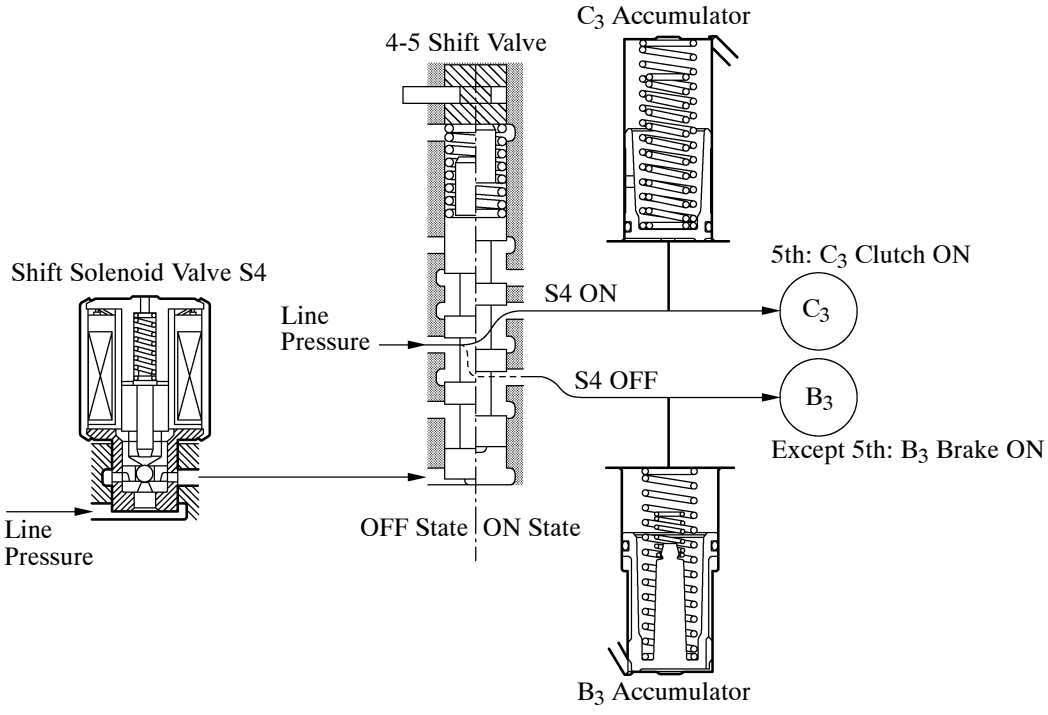
The shift solenoid valve SR controls the solenoid relay valve. Accordingly, the fluid passages from the shift solenoid valve DSL and S4 are changed.



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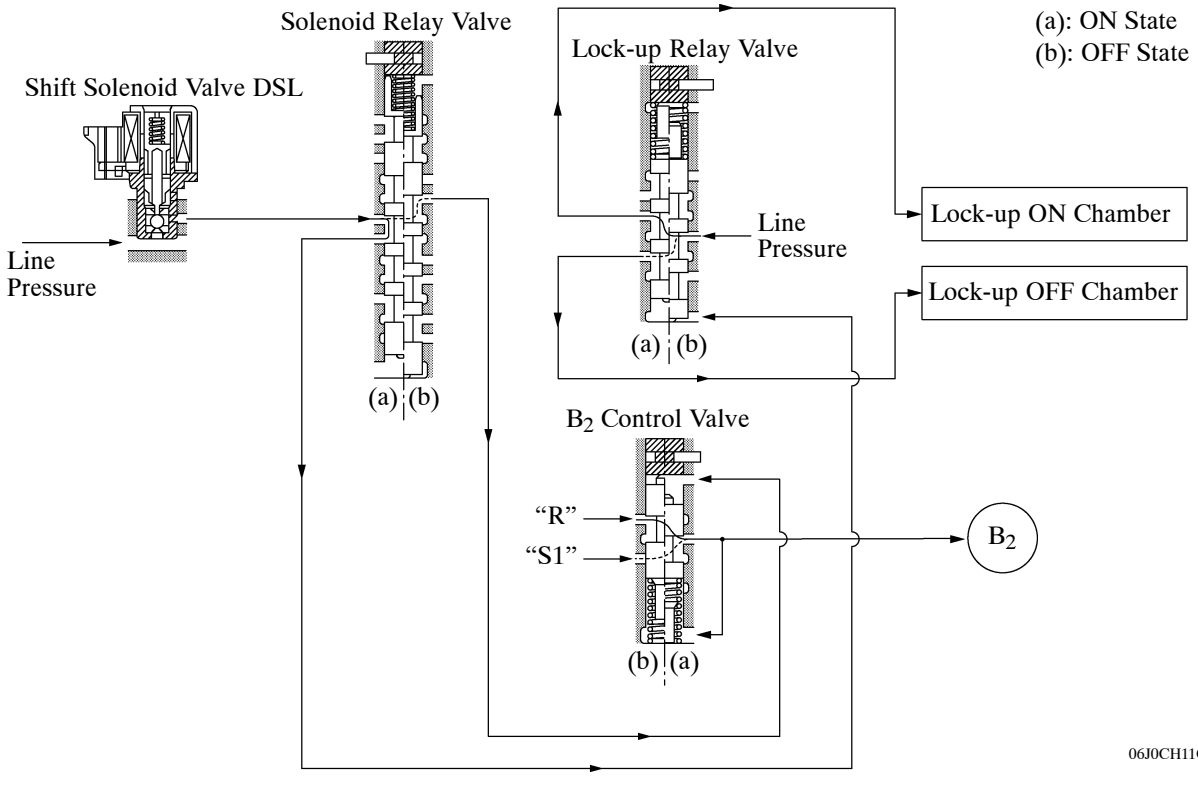
Function of Shift Solenoid Valve S4

The shift solenoid valve S4, when set to ON, controls the 4-5 shift valve to engage 5th gear by changing the fluid pressure from the B_3 brake to the C_3 clutch.



Function of Shift Solenoid Valve DSL

The shift solenoid valve DSL controls the B_2 control valve via the solenoid relay valve when the R or S1 position is selected.
During lock-up, the lock-up relay valve is controlled via the solenoid relay valve.



4. Apply Orifice Control

This control is performed by the B_3 orifice control valve. The B_3 orifice control valve is provided for the B_3 brake, which is applied when shifting from 5th to 4th. The B_3 orifice control valve is controlled by the amount of the line pressure in accordance with shifting conditions, and the flow volume of the fluid that is supplied to the B_3 brake is controlled by varying the size of the orifice in the control valve.

