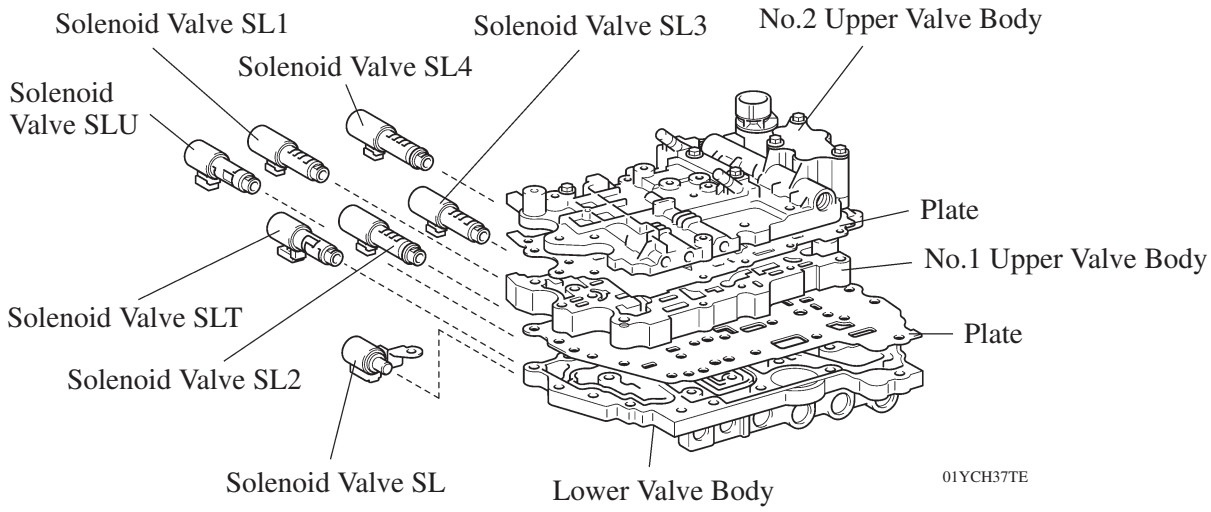
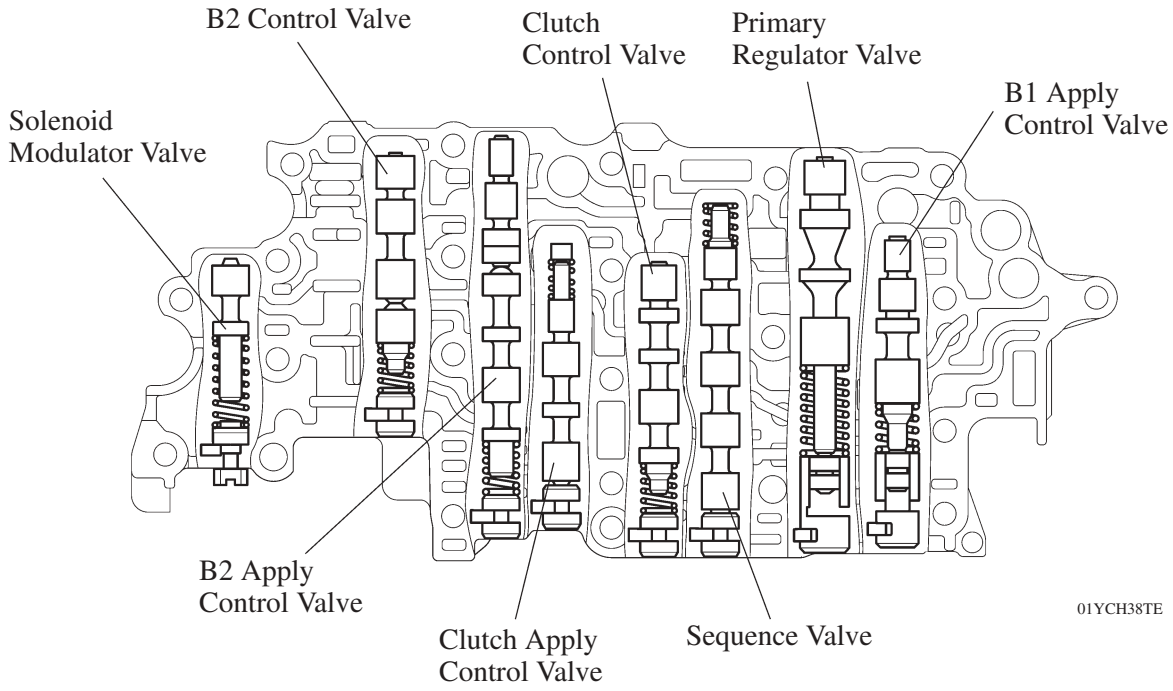
■VALVE BODY UNIT

1. General

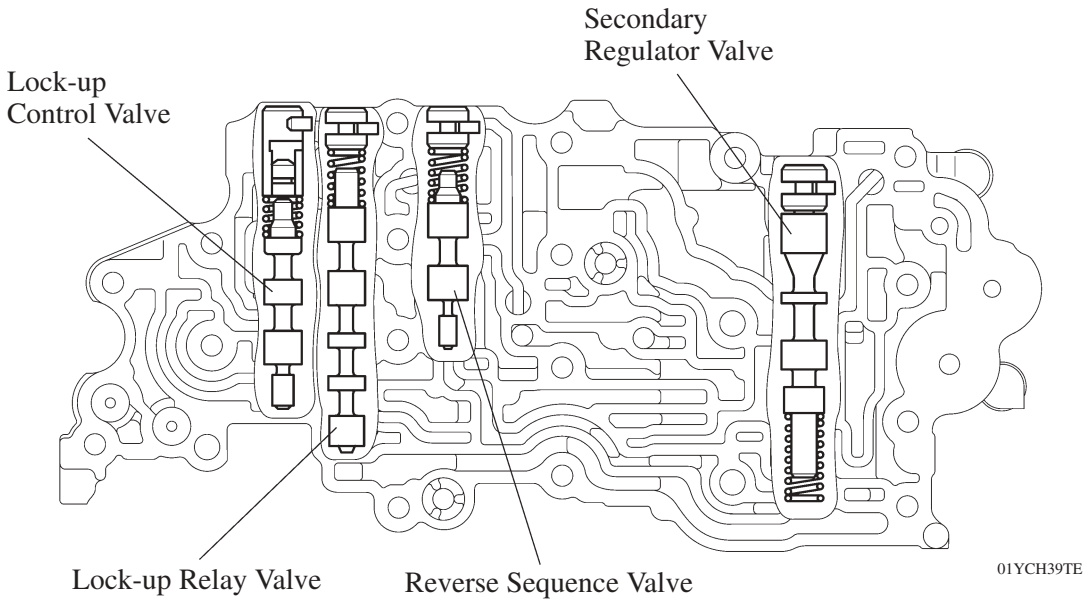
The valve body unit consists of the No.1 upper, No.2 upper and lower valve bodies and 7 solenoid valves (SL1, SL2, SL3, SL4, SLU, SLT, SL).



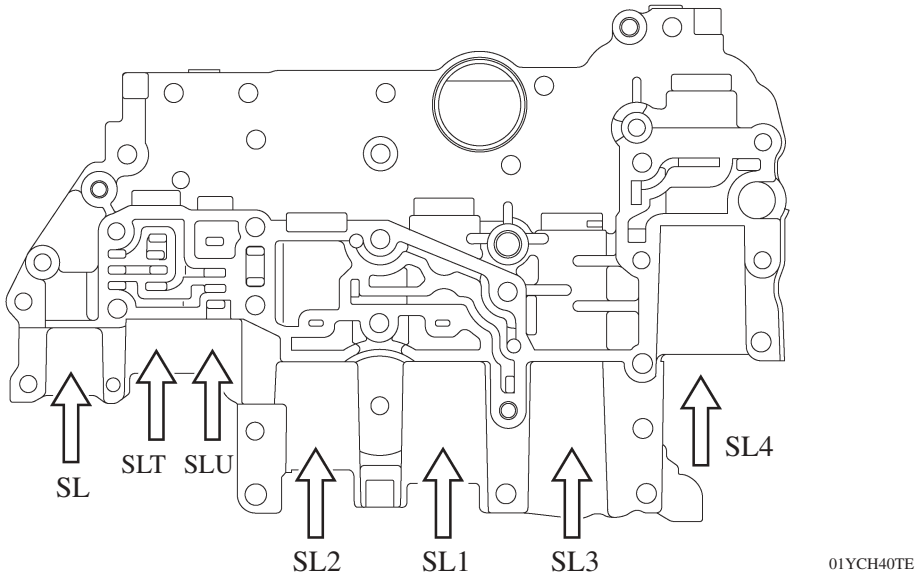
▶ No.1 Upper Valve Body ◀



▶ No.2 Upper Valve Body ◀



▶ Lower Valve Body ◀

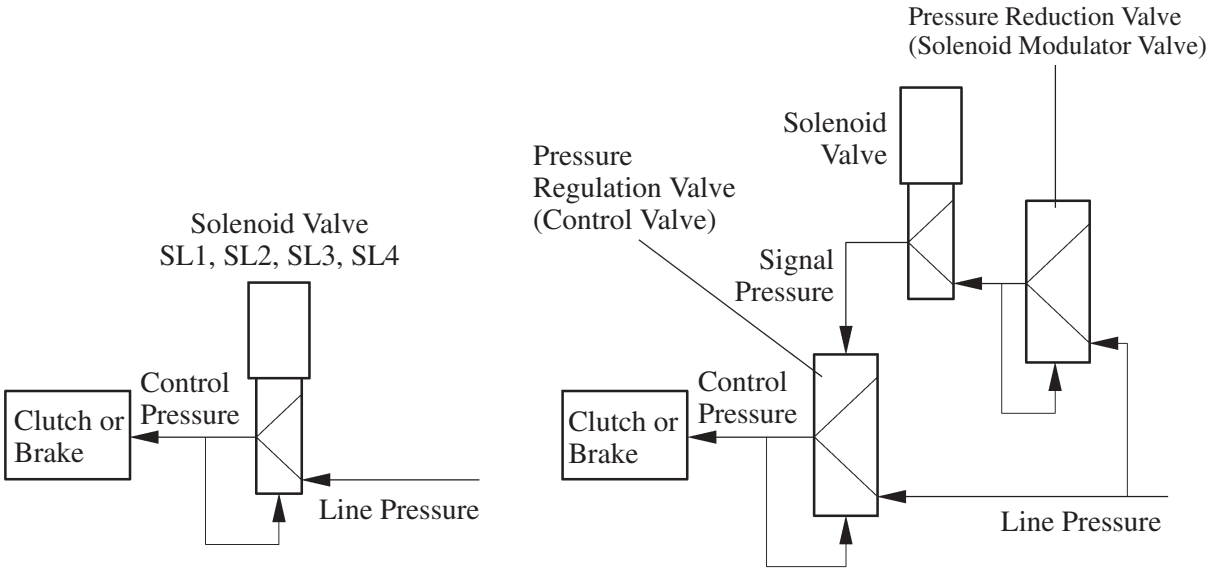


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2. Solenoid Valves

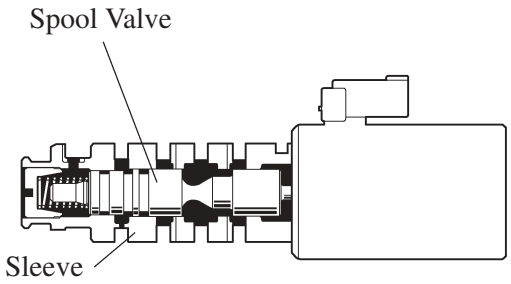
Solenoid Valves SL1, SL2, SL3, SL4, SLU and SLT

- In order to provide a hydraulic pressure that is proportional to the current that flows to the solenoid coil, solenoid valves SL1, SL2, SL3, SL4, SLU and SLT linearly control the line pressure and clutch and brake engagement pressure based on the signals from the ECT ECU.
- Solenoid valves SL1, SL2, SL3 and SL4 are large flow linear solenoid valves that can supply more pressure than conventional ones. These solenoid valves control engagement elements by directly regulating the line pressure without using the pressure regulation valve (control valve) or the pressure reduction valve (solenoid modulator valve). Thus, the number of valves and the length of the valve body fluid passage have been reduced, the shifting response has been increased and the shift shock has been minimized.

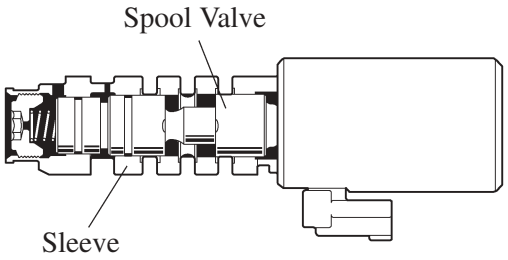


U660E **U140E**

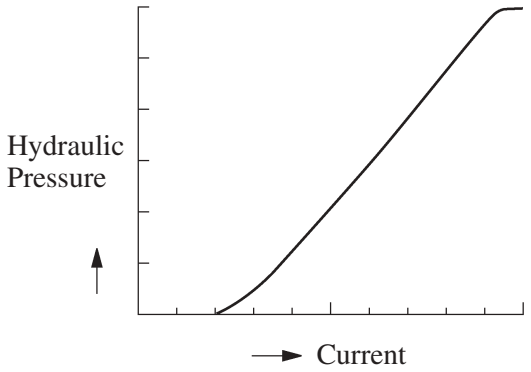
01YCH41TE



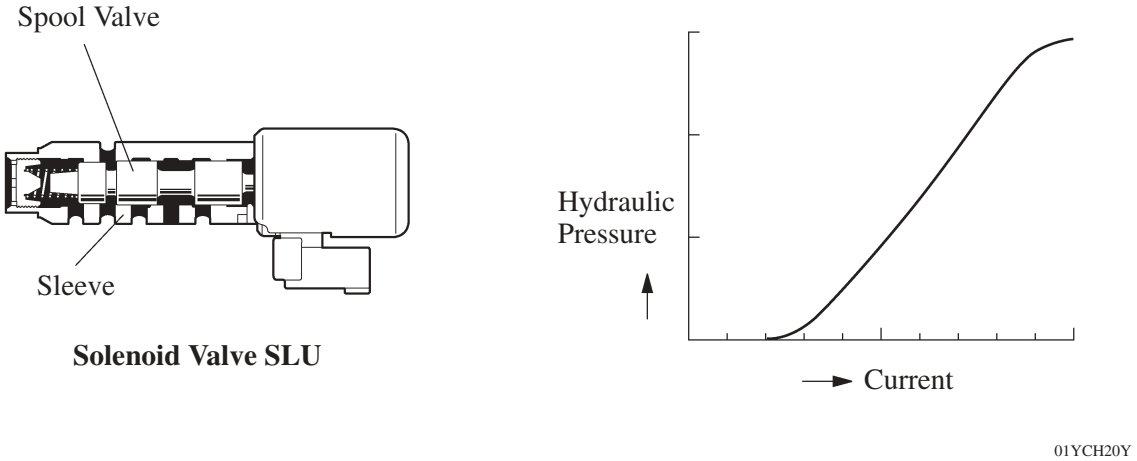
Solenoid Valve SL2 and SL4



Solenoid Valve SL1 and SL3

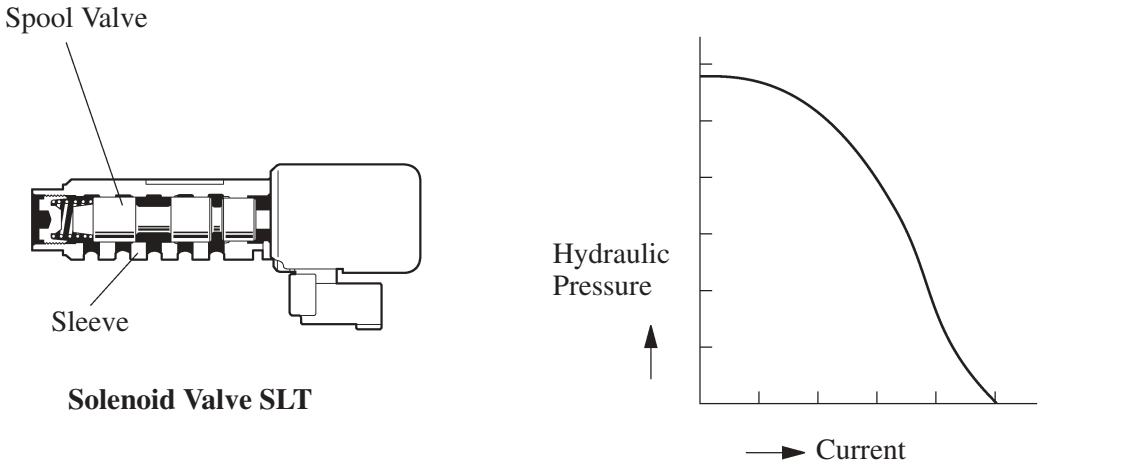


01YCH19Y



Solenoid Valve SLU

01YCH20Y



Solenoid Valve SLT

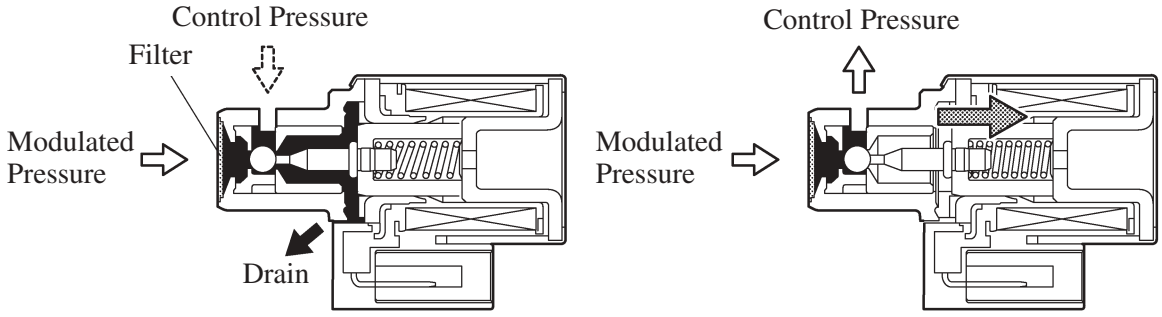
01YCH21Y

▶ Function of Solenoid Valves ◀

Solenoid Valve	Function
SL1	C1 clutch pressure control
SL2	C2 clutch pressure control
SL3	B1 brake pressure control
SL4	B3 brake pressure control
SLU	● Lock-up clutch pressure control ● B2 brake pressure control
SLT	Line pressure control

Solenoid Valve SL

- Solenoid valve SL uses a three-way solenoid valve.
- A filter is provided at the tip of the solenoid valve to further improve operational reliability.



OFF Condition **ON Condition**

01YCH22Y

▶ Function of Solenoid Valve ◀

Solenoid Valve	Type	Function
SL	3-way	● Switches the lock-up relay valve. ● Switches the B2 apply control valve and the reverse sequence valve.