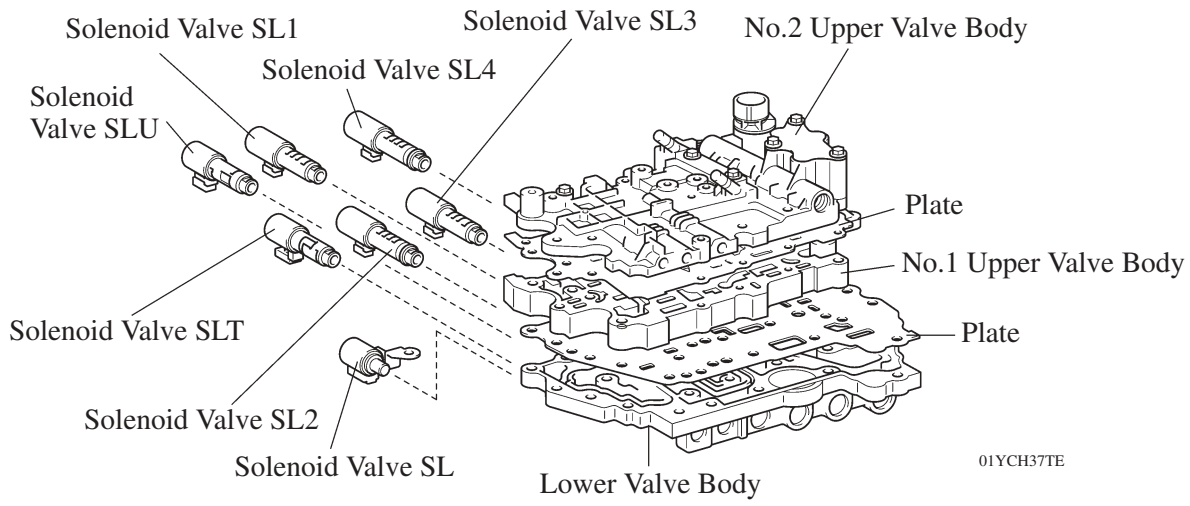
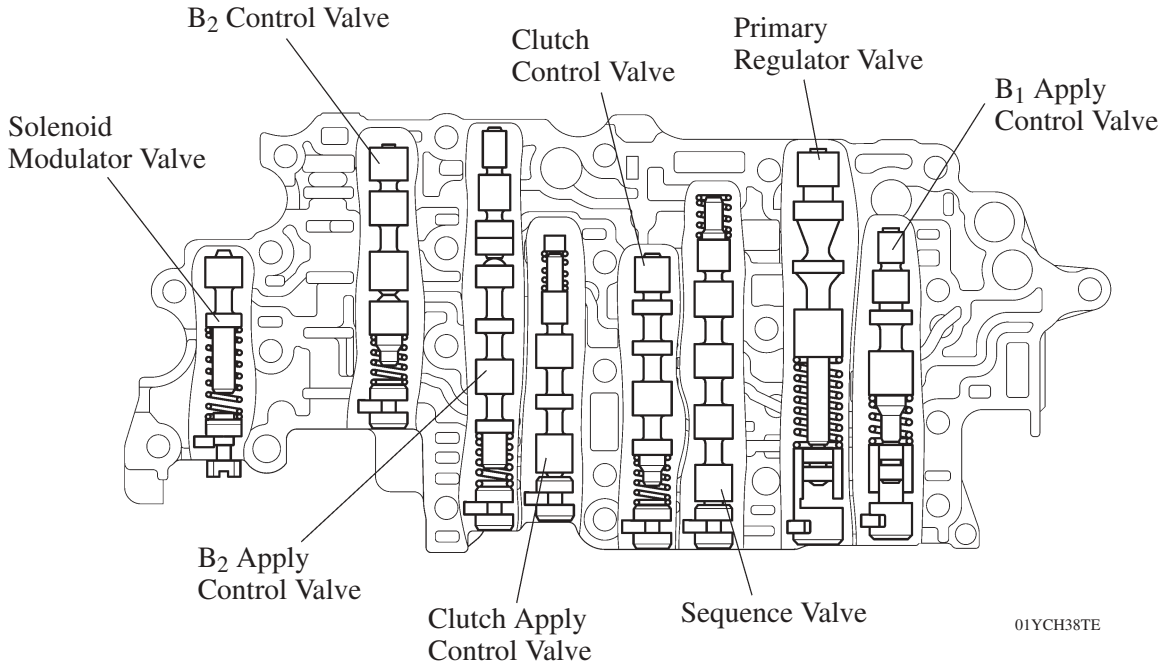
■VALVE BODY UNIT

1. General

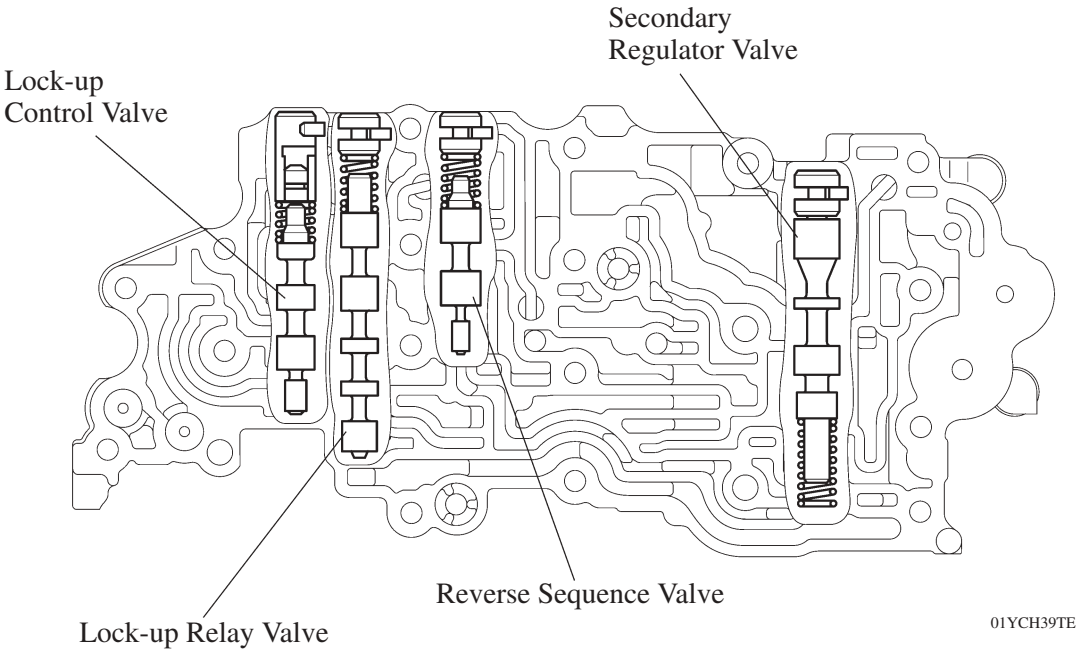
The valve body unit consists of the No.1 upper, No.2 upper and lower valve bodies and 7 solenoid valves (SL1, SL2, SL3, SL4, SLU, SLT, SL).



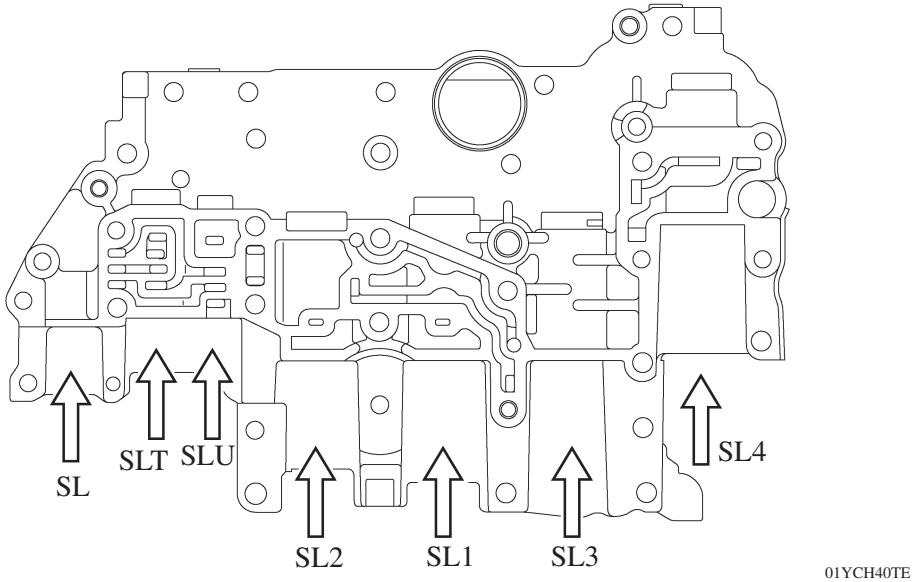
▶ No.1 Upper Valve Body ◀



▶ No.2 Upper Valve Body ◀



▶ Lower Valve Body ◀

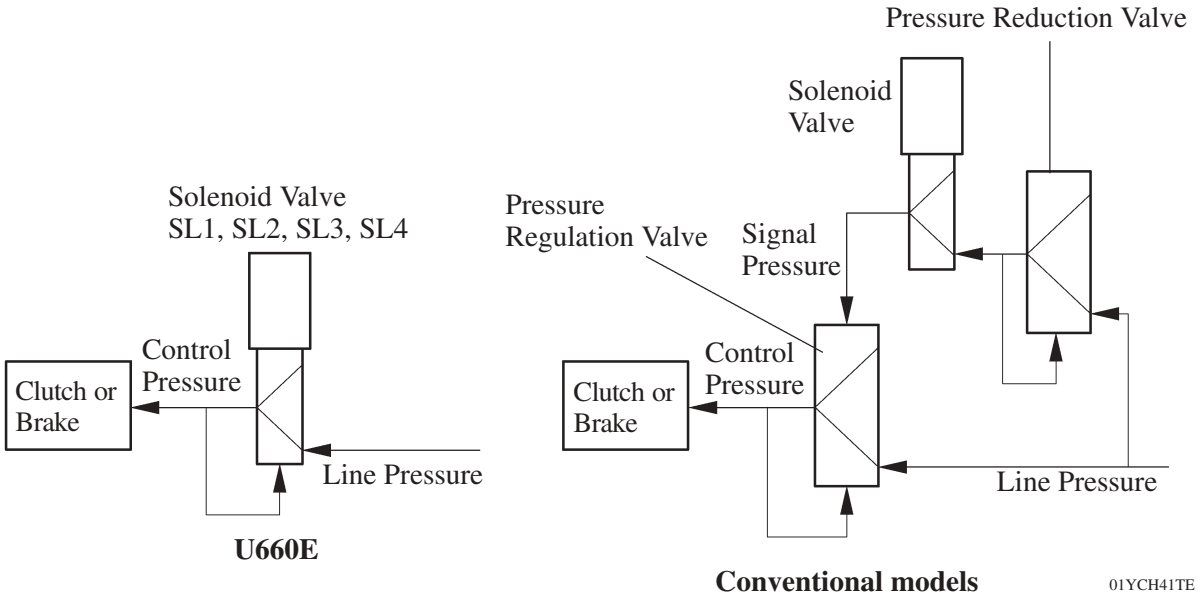


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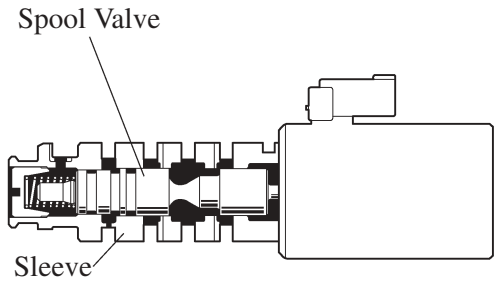
2. Solenoid Valves

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

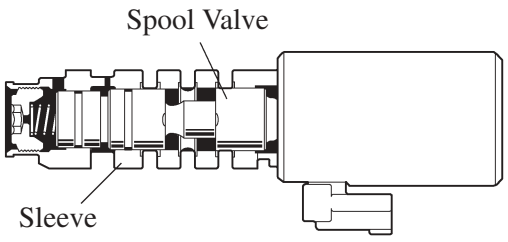
- In order to provide a hydraulic pressure that is proportional to the current that flows to the solenoid coil, solenoid valves SL1, SL2, SL3, SL4, SLU and SLT linearly control the line pressure and clutch and brake engagement pressure based on the signals from the ECT ECU.
- Solenoid valves SL1, SL2, 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 or the pressure reduction 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.



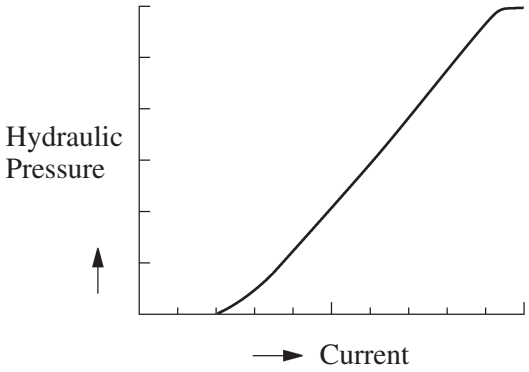
U660E **Conventional models** 01YCH41TE



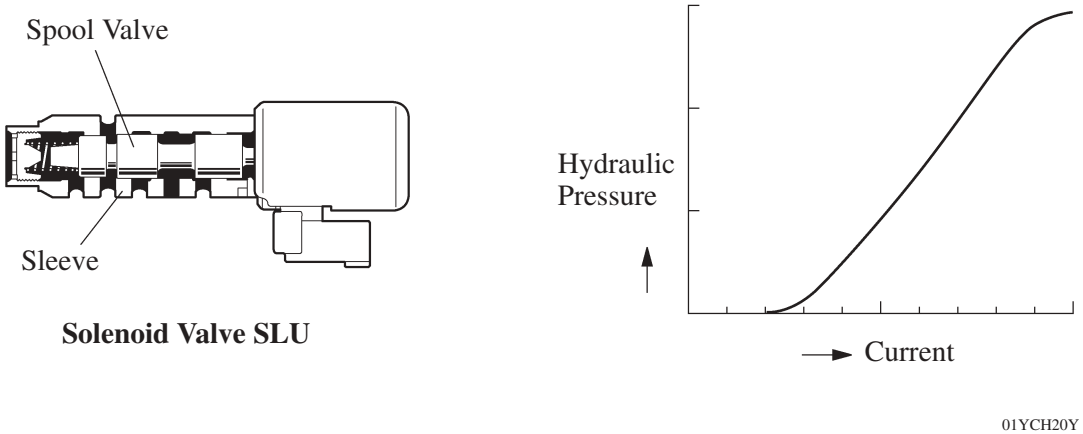
Solenoid Valve SL2 and SL4



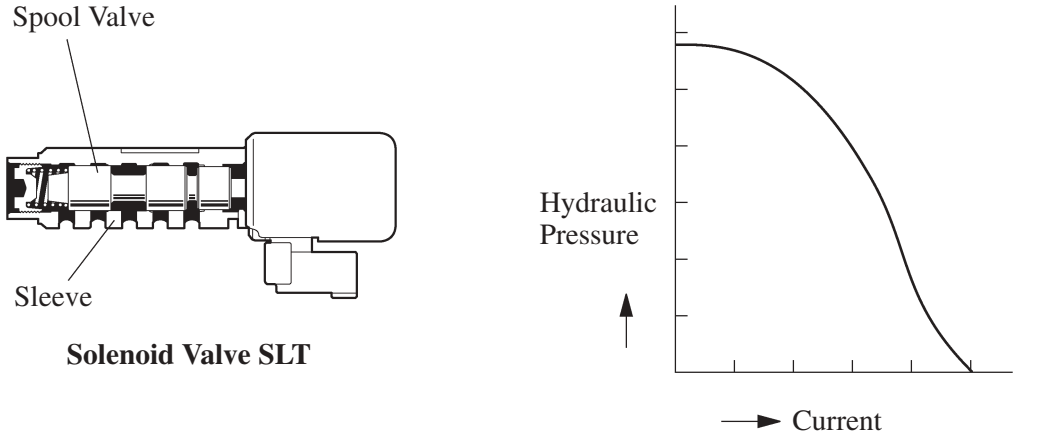
Solenoid Valve SL1 and SL3



01YCH19Y



Solenoid Valve SLU



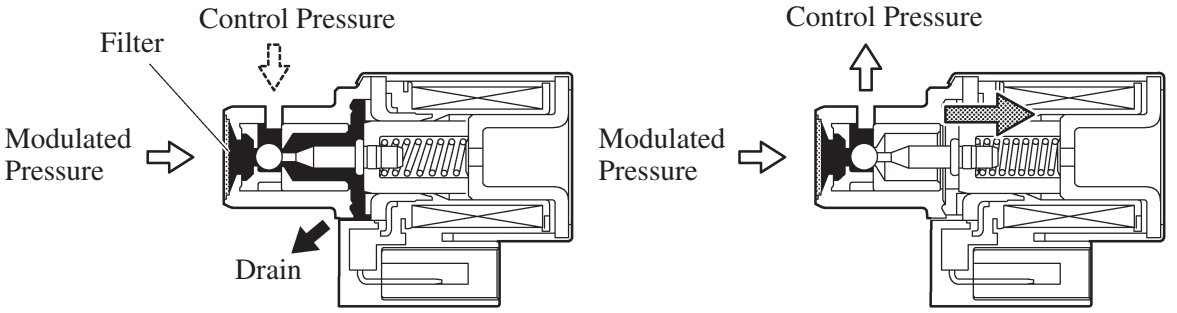
Solenoid Valve SLT

▶ Function of Solenoid Valves ◀

Solenoid Valve	Function
SL1	C_1 clutch pressure control
SL2	C_2 clutch pressure control
SL3	B_1 brake pressure control
SL4	B_3 brake pressure control
SLU	● Lock-up clutch pressure control ● B_2 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 B_2 apply control valve and the reverse sequence valve.