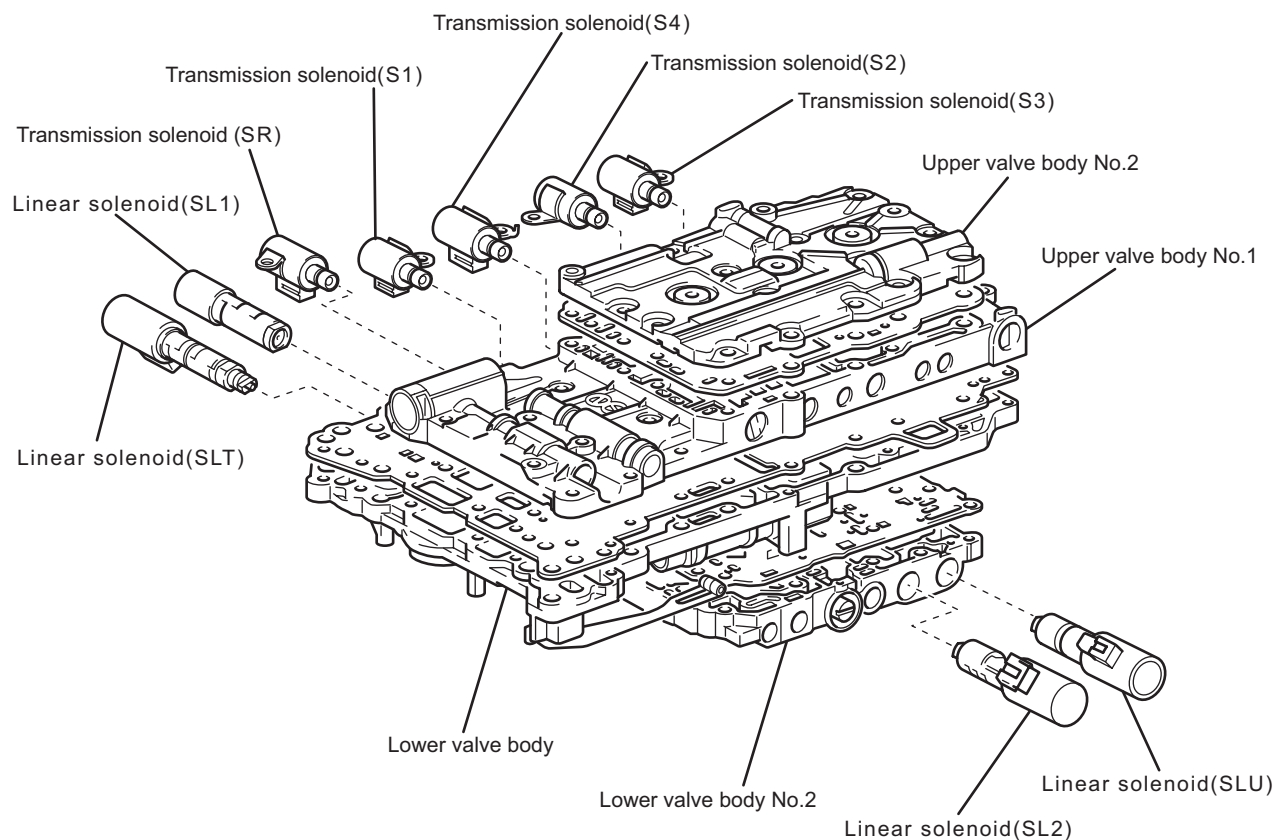


Valve Body Unit

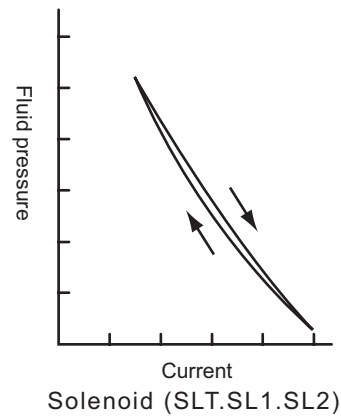
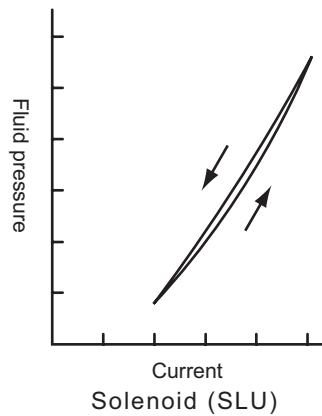
- A valve body made of a lightweight aluminum alloy is used. It consists of a vertical, four-way split construction. The transmission solenoids and linear solenoids are installed on the lower valve body.
- A strainer is provided at each end of the transmission solenoid valves S1, S2, S3, S4, and SR in the unlikely event foreign matter enters the valve body.



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Linear Solenoid Valve

- Linear solenoid valves have been provided for the following purposes: to control the hydraulic pressure for clutch engagement, to control the lockup clutch, to control the line hydraulic pressure, and to control the fluid pressure for brake engagement.
- The electromagnetic portions of SLT, SLU, SL1, and SL2 have been made compact, lightweight, and low cost, without reducing their attraction.



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Function

Linear Solenoid Valve	Function
Solenoid valve No. 1 (SL1) for controlling fluid pressure for clutch engagement	• Accumulator back pressure control • Clutch pressure control
Solenoid valve (SLU) for controlling lockup clutch	• Lockup clutch pressure control • Flex lockup pressure control
Solenoid valve (SLT) for line fluid pressure control	• Line pressure control • Accumulator back pressure control
Solenoid valve No. 2 (SL2) for controlling fluid pressure for brake engagement	• Brake pressure control

Transmission Solenoid Valve

- Transmission solenoid valves S1, S2, S3, and S4 are provided for switching the gears, and transmission solenoid valve SR is provided for switching the orifices.
- Each transmission solenoid valve is a three-way solenoid valve that is more compact and lightweight than the previous type. They provide superior response even at low fluid temperatures.
- A strainer is provided at the end of each solenoid valve to realize superior reliability.

Function

Transmission solenoid valves	Type	Function
Transmission solenoid valve (S1)	3-way	• Switches the 1-2 shift valve • Switches the SL1 relay valve
Transmission solenoid valve (S2)	3-way	• Switches the 2-3 shift valve • Switches the 5-6 relay valve
Transmission solenoid valve (S3)	3-way	• Switches the 3-4 shift valve
Transmission solenoid valve (S4)	3-way	• Switches the 4-5 shift valve
Transmission solenoid valve (SR)	3-way	• Switches the C4 relay valve • Switches the B1 relay valve