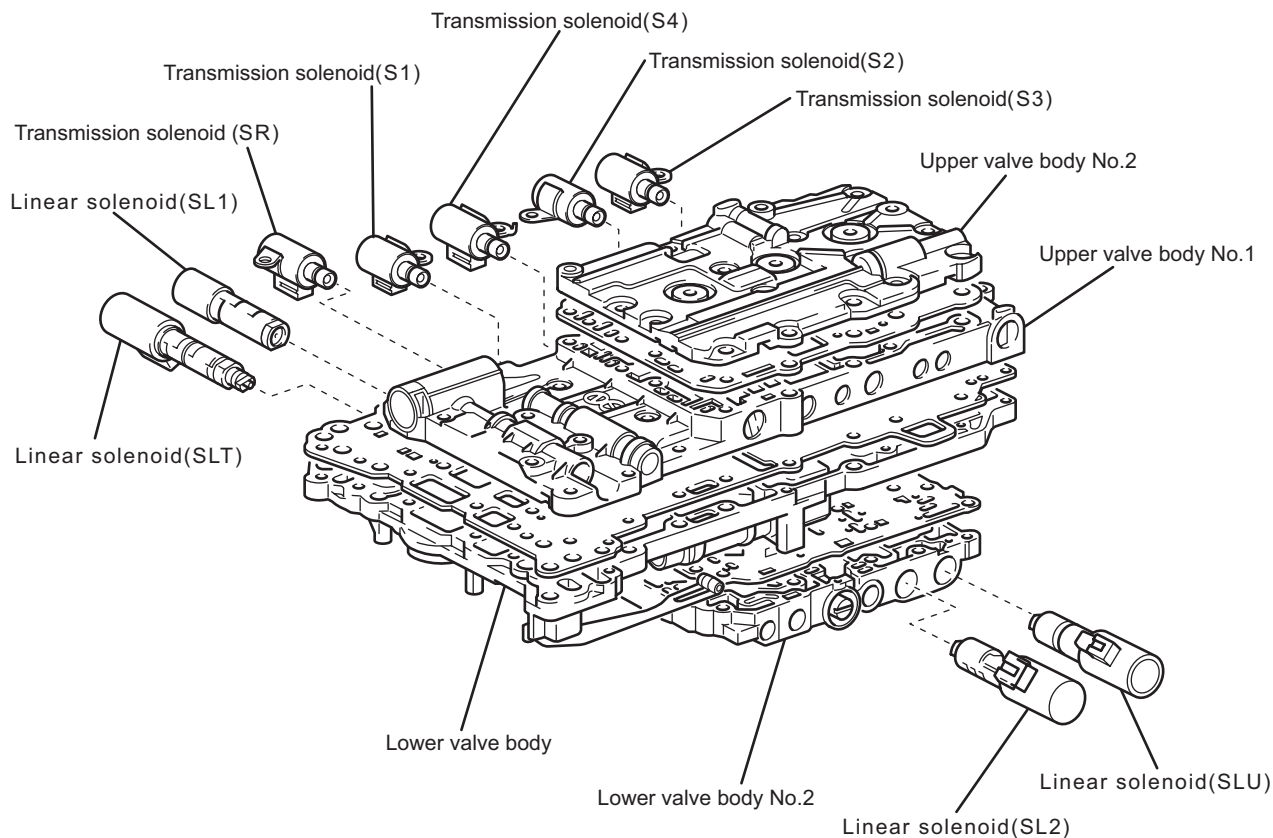


Valve Body Unit

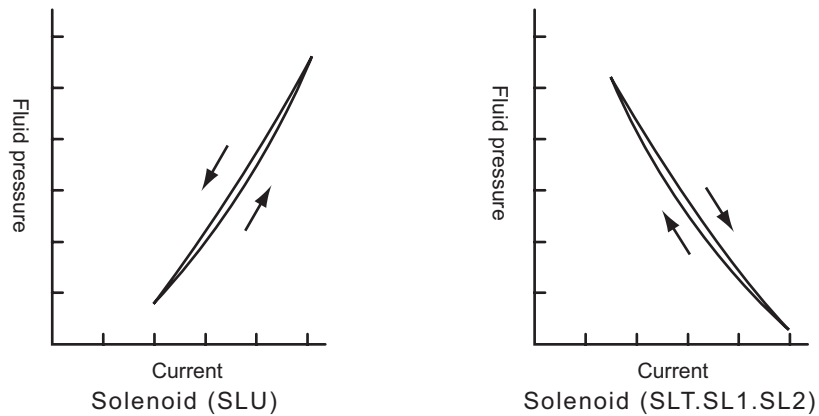
- A valve body made of a lightweight aluminum alloy is used. It consists of a vertical, four-way split construction. The transmission solenoids and linear solenoids are installed on the lower valve body.
- A strainer is provided at each end of the transmission solenoid valves S1, S2, S3, S4, and SR in 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 fluid pressure for clutch engagement, to control the lockup clutch, to control the line fluid 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 valves (S1)	3-way	·Switches the 1-2 shift valve •Switches the SL1 relay valve
Transmission solenoid valves (S2)	3-way	·Switches the 2-3 shift valve ·Switches the 5-6 shift valve
Transmission solenoid valves (S3)	3-way	·Switches the 3-4 shift valve
Transmission solenoid valves (S4)	3-way	·Switches the 4-5 shift valve
Transmission solenoid valves (SR)	3-way	·Switches the C4 relay valve ·Switches the B1 relay valve