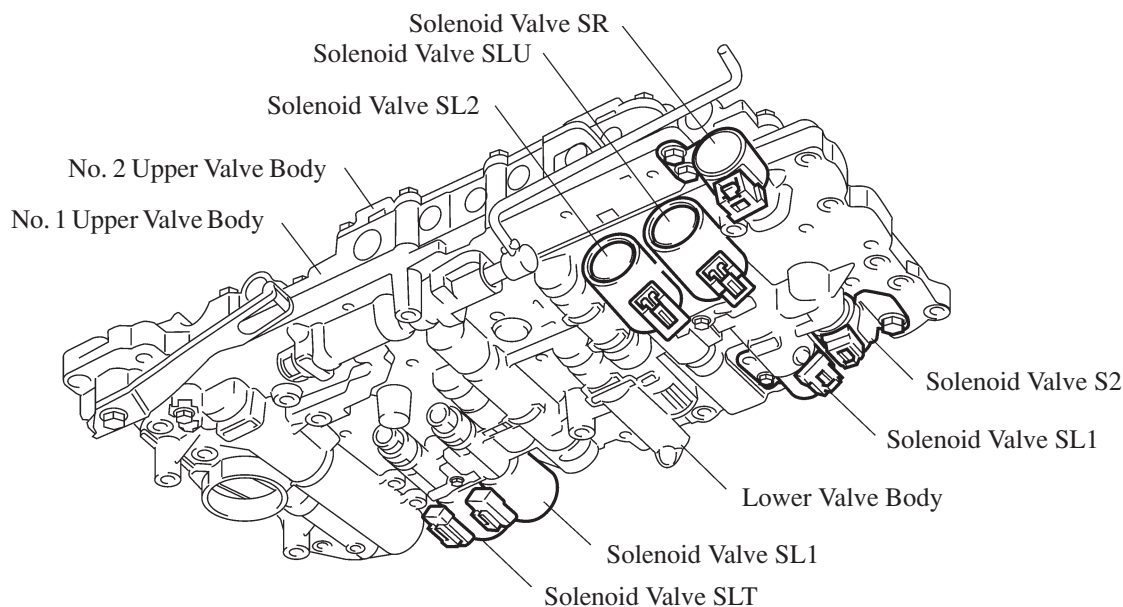


## ■ VALVE BODY UNIT

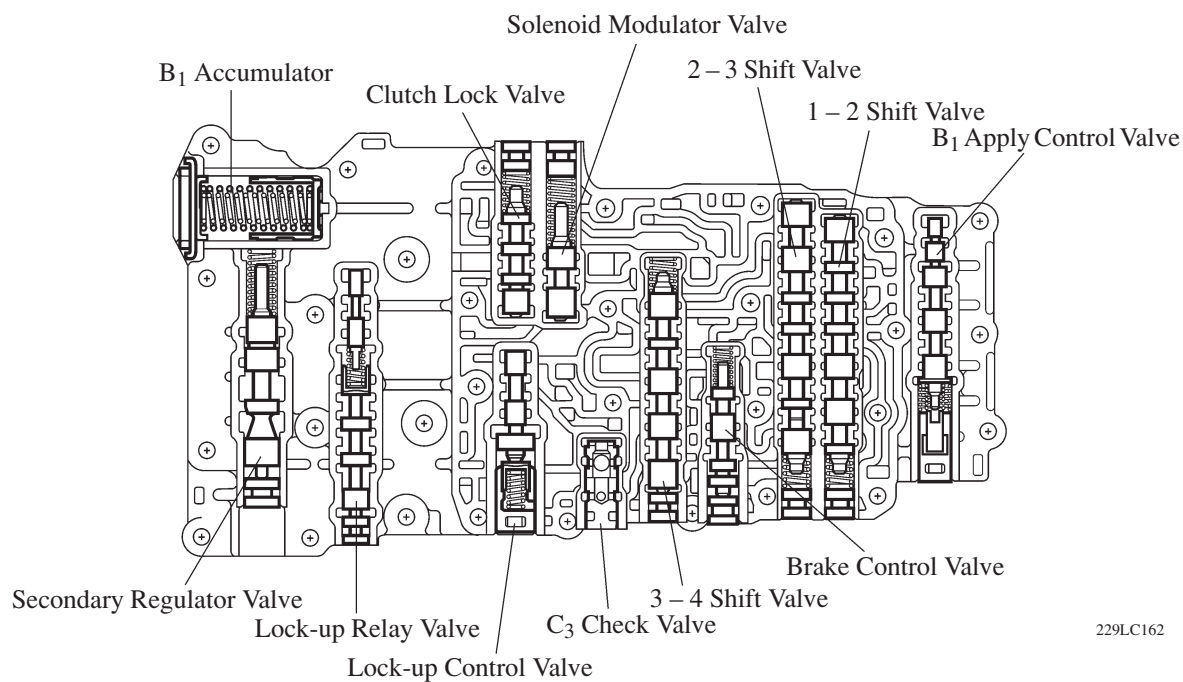
### 1. General

The valve body unit consists of the upper (No. 1 and No. 2) and lower valve bodies and 7 solenoid valves.



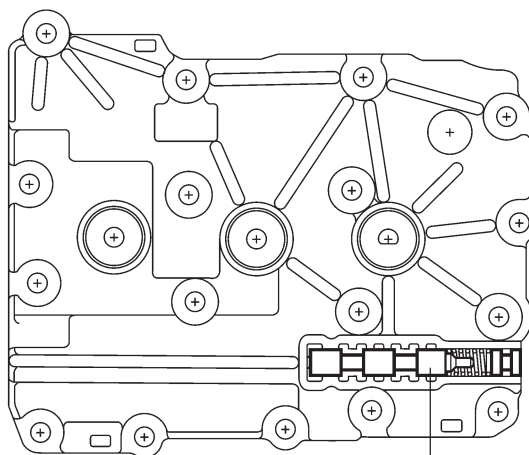
271LC161

### ► No. 1 Upper Valve Body ◀



229LC162

## ► No. 2 Upper Valve Body ◀

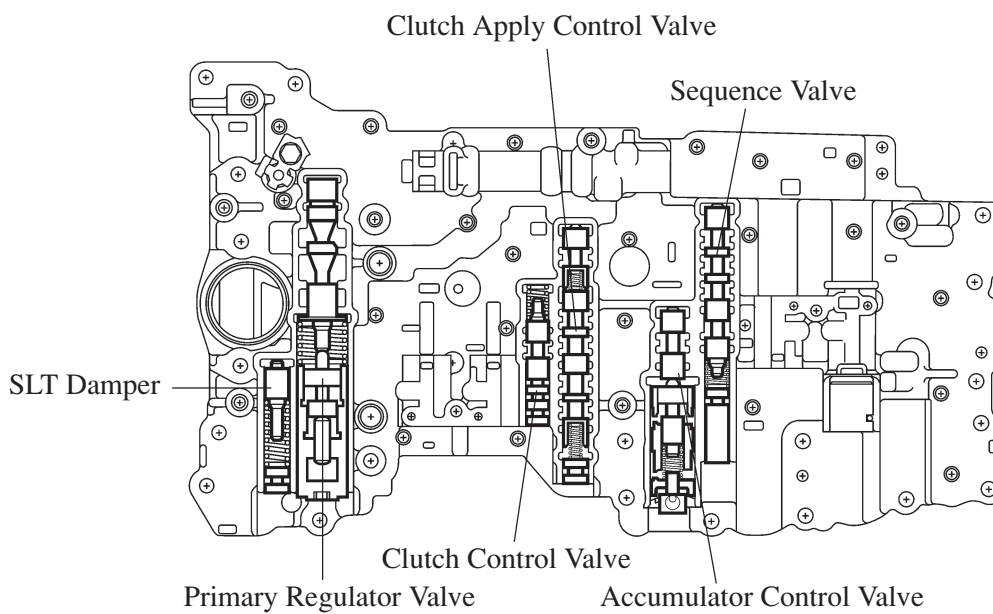


Coast Brake Relay Valve

229LC163

CH

## ► Lower Valve Body ◀

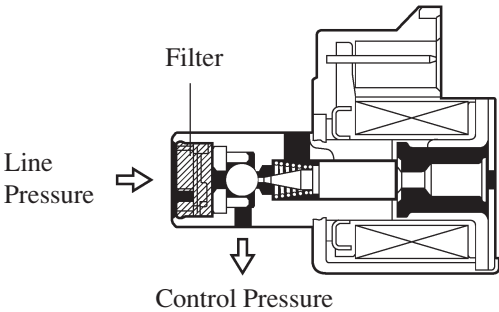


229LC164

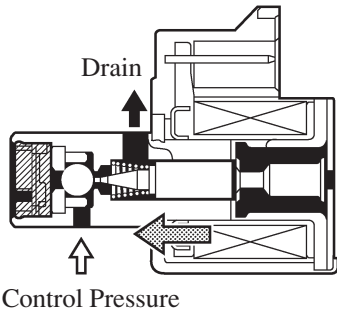
2. Solenoid Valve

Solenoid Valve S1, S2 and SR

- Solenoid valves S1 and SR use a 3-way solenoid valve.
- Solenoid valve S2 uses a 2-way solenoid valve.
- A filter has been provided at the tip of the solenoid valve to further improve operational reliability.

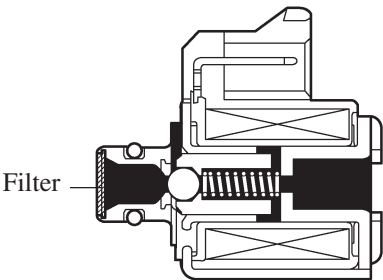


Solenoid Valve S1 OFF

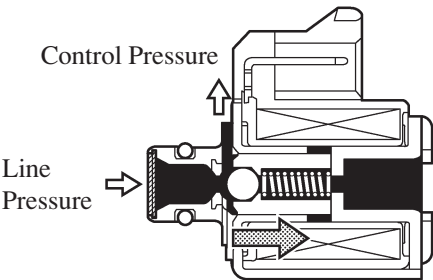


Solenoid Valve S1 ON

229LC165



Solenoid Valve S2 OFF



Solenoid Valve S2 ON

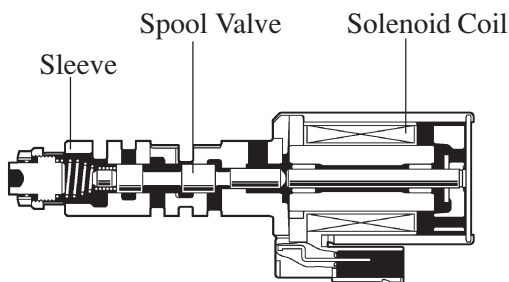
229LC166

► Function of Solenoid Valve S1, S2 and SR ◀

| Solenoid Valve | Type  | Function                                                                                                                  |
|----------------|-------|---------------------------------------------------------------------------------------------------------------------------|
| S1             | 3-way | Switches the 2 – 3 shift valve                                                                                            |
| S2             | 2-way | <ul style="list-style-type: none"><li>• Switches the 1 – 2 shift valve</li><li>• Switches the 3 – 4 shift valve</li></ul> |
| SR             | 3-way | Switches the clutch apply control valve                                                                                   |

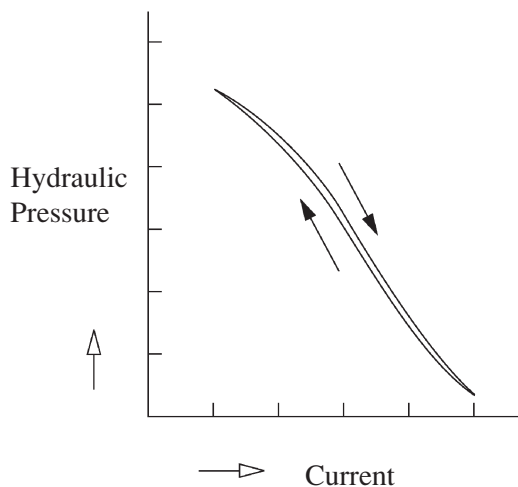
### Solenoid Valve SL1, SL2, SLT and SLU

- In order to provide a hydraulic pressure that is proportion to current that flows to the solenoid coil, the solenoid valve SL1, SL2, SLT, and SLU linearly control the line pressure and clutch and brake engagement pressure based on the signals it receives from the Engine & ECT ECU.
- The solenoid valves SL1, SL2, SLT, and SLU have the same basic structure.

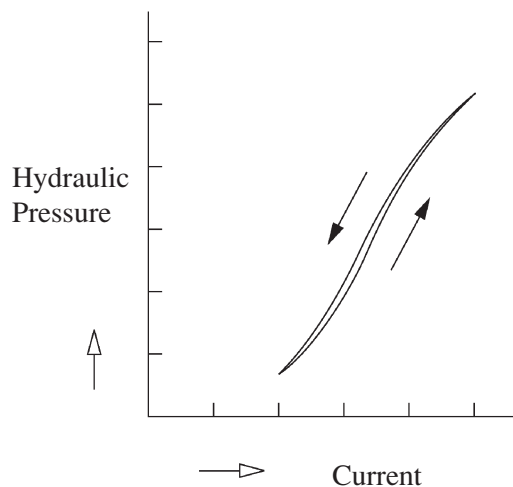


Solenoid Valve SLT

CH



Solenoid Valve SL1, SL2, and SLT



Solenoid Valve SLU

229LC181

### ► Function of Solenoid Valve SL1, SL2, SLT and SLU ◀

| Solenoid Valve | Function                                                                                                                               |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| SL1            | <ul style="list-style-type: none"> <li>● C<sub>1</sub> clutch pressure control</li> <li>● Accumulator back pressure control</li> </ul> |
| SL2            | B <sub>1</sub> , B <sub>2</sub> and B <sub>4</sub> brake pressure control                                                              |
| SLT            | <ul style="list-style-type: none"> <li>● Line pressure control</li> <li>● Accumulator back pressure control</li> </ul>                 |
| SLU            | <ul style="list-style-type: none"> <li>● Lock-up clutch pressure control</li> <li>● Accumulator back pressure control</li> </ul>       |