

DIRECT ELECTRIC SHIFT CONTROL OPERATION

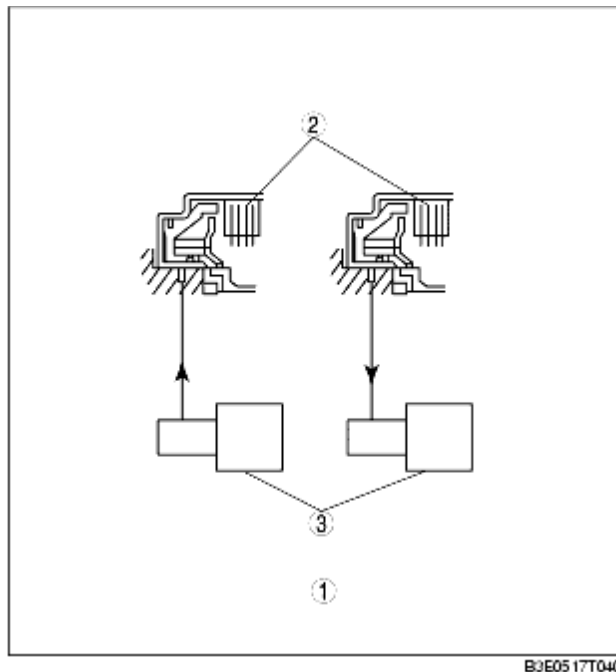
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When Shifting N→D or N→R Shift

- When shifting N→D or N→R, the pressure control solenoid is driven to control the clutch engagement pressure optimally.

Up-Down Shift

- The clutch engagement pressure is directly controlled to be optimal by the duty-cycle solenoid valves.
- When shifting 2GR→3GR, 3GR→4GR, 3GR→2GR, or 4GR→3GR, the clutch pressures of engagement side and release side are controlled simultaneously. As a result, the clutch capacities of both clutches are controlled relatively when switching the clutches. This prevents sudden increases in engine speed and clutch interlocks during shifting, realizing smooth and responsive shifting.



1	When shifting
2	Clutch
3	Shift solenoid valve (duty-cycle type)