

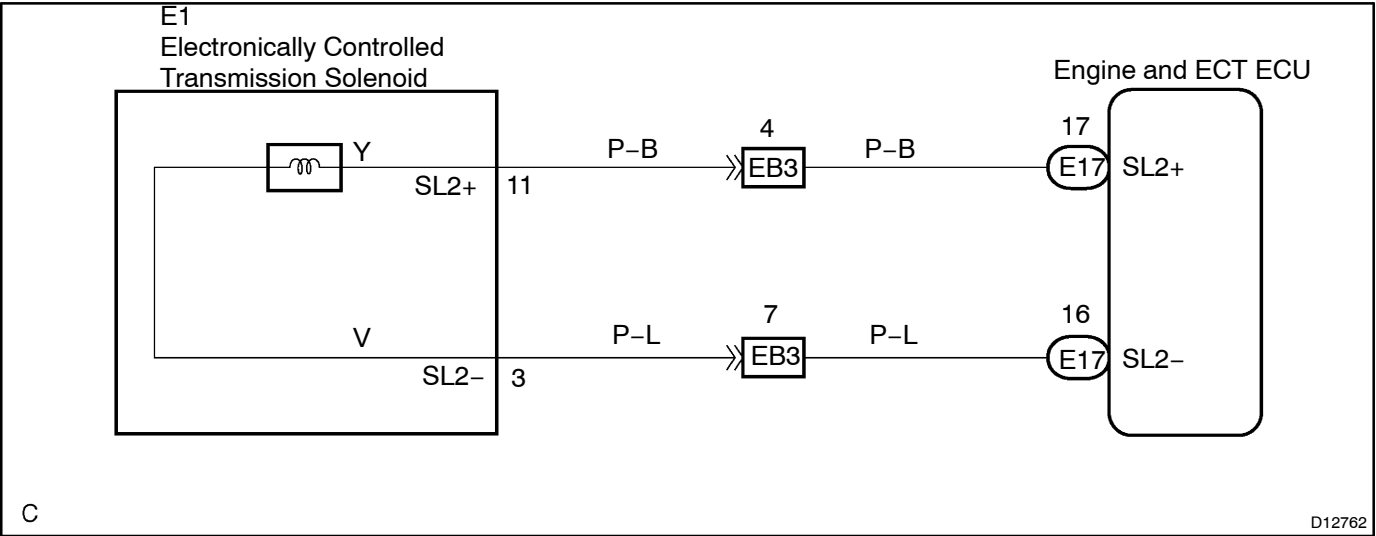
DTC	63(3)	Pressure Control Solenoid "B" Electrical (Shift Solenoid Valve SL2)
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CIRCUIT DESCRIPTION

See page DI-135.

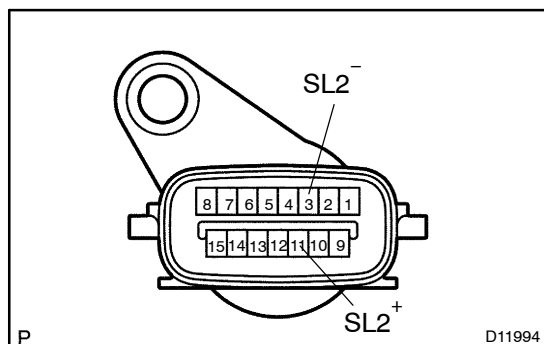
DTC No.	DTC Detection Condition	Trouble Area
63(3)	Engine and ECT ECU checks for an open or short circuit in shift solenoid valves SL2 (1 –trip detection logic) (a) When solenoid is energized, duty ratio exceed 75% (b) When solenoid is not energized, duty ratio is less than 3%	<ul style="list-style-type: none">• Open or short in shift solenoid valve SL2 circuit• Shift solenoid valve SL2• Engine and ECT ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check transmission wire.

**PREPARATION:**

Disconnect the transmission wire connector.

CHECK:

Measure resistance between $SL2^+$ and $SL2^-$ of transmission wire.

OK:

Resistance: 5.0 – 5.6 Ω at 20 °C (68° F)

CHECK:

Measure resistance between terminals $SL2^+$ and $SL2^-$ of the transmission wire connector and body ground.

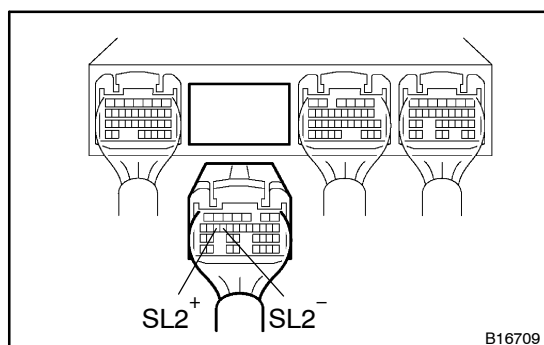
OK:

Resistance: 1 M Ω or higher

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Go to step 3.

OK

2 Measure resistance between terminal $SL2^+$ and $SL2^-$ of Engine and ECT ECU connector.**PREPARATION:**

(a) Connect the transmission wire connector.

(b) Disconnect the connector of the Engine and ECT ECU.

CHECK:

Measure resistance between terminals $SL2^+$ and $SL2^-$ of Engine and ECT ECU connector.

OK:

Resistance: 5.0 – 5.6 Ω at 20 °C (68° F)

CHECK:

Measure resistance between terminals $SL2^+$ and $SL2^-$ of the Engine and ECT ECU connector and body ground.

OK:

Resistance: 1 M Ω or higher

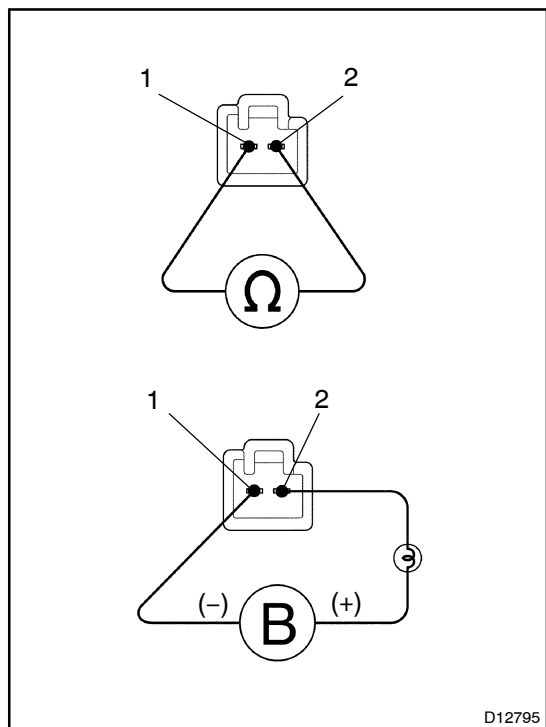
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Repair or replace the harness or connector (See page IN-38).

OK

Check and replace the Engine and ECT ECU (See page IN-38).

3 Check shift solenoid valve SL2.



PREPARATION:

- Jack up the vehicle.
- Remove the oil pan.
- Remove the shift solenoid valve SL2.

CHECK:

- Measure the resistance between terminals 1 and 2 of solenoid connector.

Standard: 5.0 – 5.6 Ω at 20° C (68° F)

- Connect the positive (+) lead with an 21 W bulb to terminal 2 of solenoid connector and negative (-) lead to terminal 1 of the solenoid valve connector, then check the movement of the valve.

Standard: Solenoid sounds operation noise.

OK:

Standard

NG

Replace the shift solenoid valve SL2
(See page AT-8).

OK

Repair or replace the transmission wire
(See page AT-6).