

DTC	P0773	Shift Solenoid E Electrical Malfunction (Shift Solenoid Valve SL)
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CIRCUIT DESCRIPTION

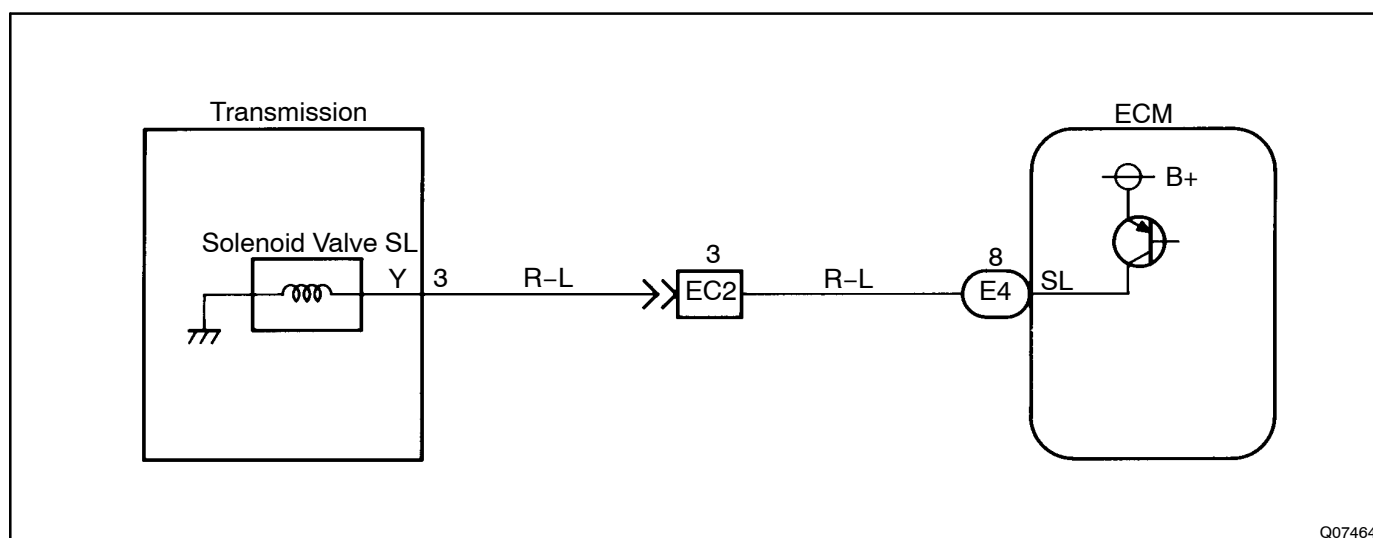
The shift solenoid valve SL is turned ON and OFF by signals from the ECM to control the hydraulic pressure acting on the lock-up relay valve, which then controls operation of the lock-up clutch.

Fail Safe Function:

If the ECM detects a malfunction, it turns the shift solenoid valve SL OFF.

DTC No.	DTC Detecting Condition	Trouble Area
P0773	Open or short in shift solenoid valve SL circuit for 1 time. (2 trip detection logic)	• Open or short in shift solenoid valve SL circuit • Shift solenoid valve SL • ECM

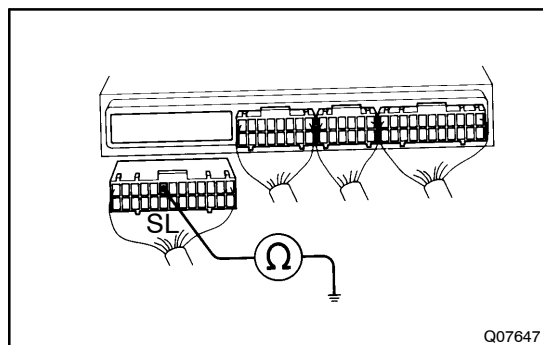
WIRING DIAGRAM



Q07464

INSPECTION PROCEDURE

- 1 Measure resistance between terminal SL of ECM and body ground.**

**PREPARATION:**

Disconnect the connector from ECM.

CHECK:

Measure resistance between terminal SL of ECM and body ground.

OK:

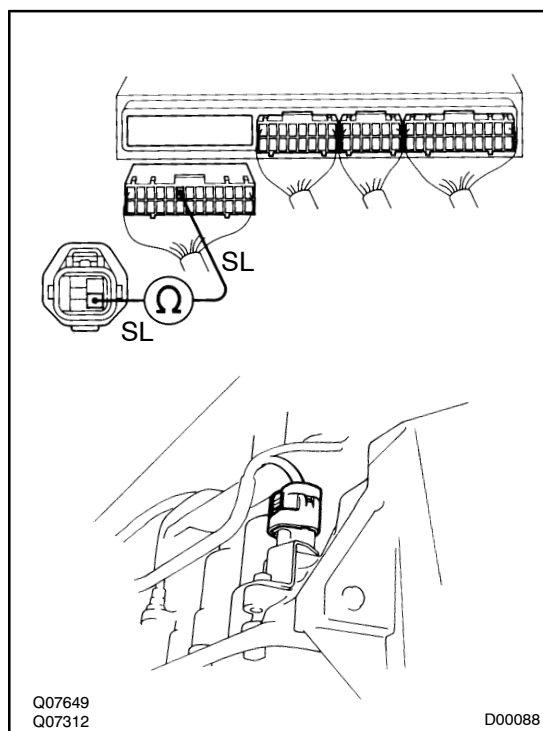
Resistance: 11 – 15 Ω

OK

Check and replace ECM.

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- 2 Check harness and connector between ECM and automatic transmission solenoid connector.**

**PREPARATION:**

Disconnect the solenoid connector from transmission.

CHECK:

Check the harness between terminal SL of ECM and terminal SL of automatic transmission solenoid connector.

OK:

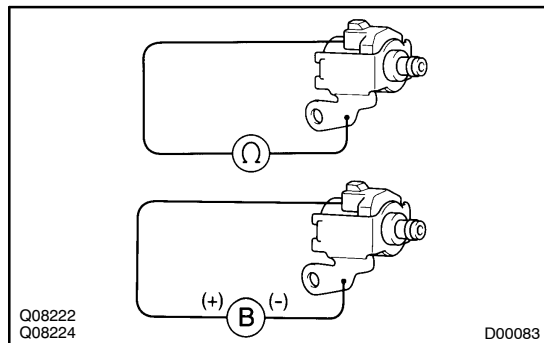
There is no open or short circuit.

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Repair or replace harness or connector.

OK

3 Check shift solenoid valve SL.



PREPARATION:

- (a) Jack-up the vehicle.
- (b) Remove the oil pan.
- (c) Disconnect shift solenoid valve SL connector.
- (d) Remove the shift solenoid valve SL.

CHECK:

- (a) Measure resistance between shift solenoid valve SL connector terminal and its body ground.
- (b) Connect positive $\oplus$ lead to terminal of solenoid connector, negative $\ominus$ lead to solenoid body.

OK:

- (a) **Resistance: 11 – 15 Ω**
- (b) **The shift solenoid valve SL makes operation noise.**

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Replace shift solenoid valve SL.

OK

Check and replace or repair the solenoid wire.