



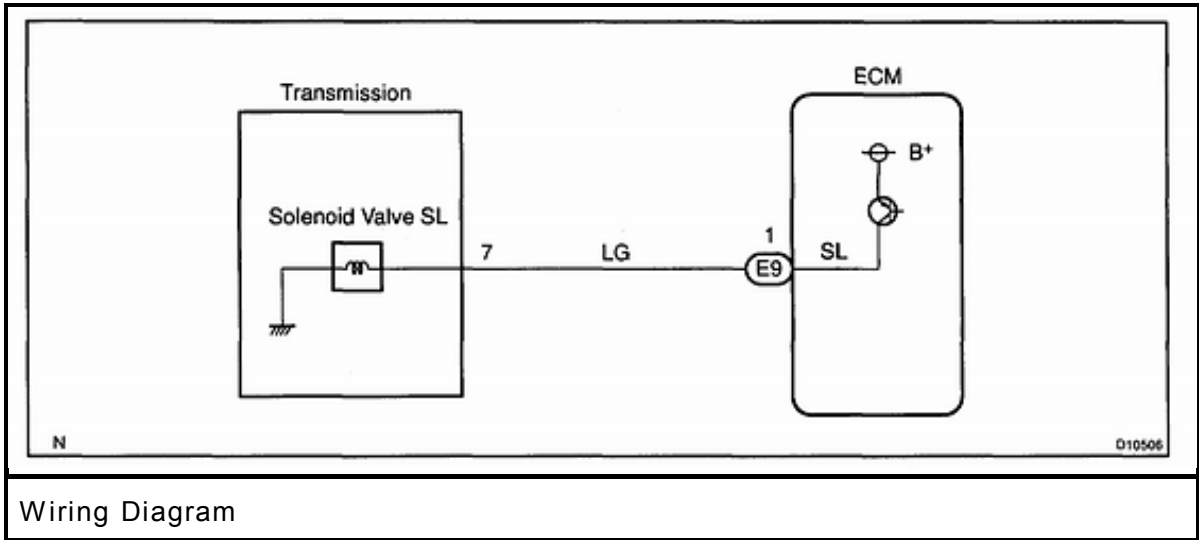
CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
P0773	Either 1. or 2. is detected for 1 time (2 – trip detection logic). 1. Solenoid resistance is 8 Ω or less (short circuit) when the solenoid is energized. 2. Solenoid resistance is 100 kΩ or more (open circuit) when the solenoid is not energized.	• Open or short in shift solenoid valve SL circuit • Shift solenoid valve SL • ECM

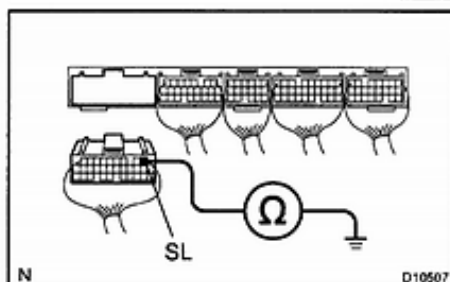
DTC Detecting Condition

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**.



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



PREPARATION:

Disconnect the connector from the ECM.

CHECK:

Measure resistance between terminal SL of ECM and body ground.

OK:

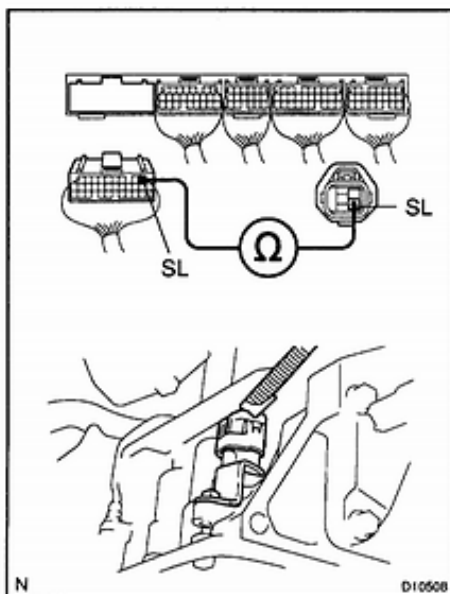
Resistance: 11 – 15 Ω at 20°C (68°F)

OK

Check and replace the ECM.

NG

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



PREPARATION:

Disconnect the solenoid connector from the transmission.

CHECK:

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

OK:

There is no open or short circuit.

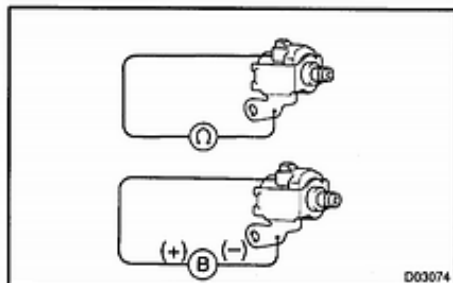
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Repair or replace the harness or connector.

OK

Steps 1 - 2

3 Check shift solenoid valve SL.



PREPARATION:

- (a) Remove the oil pan.
- (b) Remove the shift solenoid valve SL.

CHECK:

- (a) Measure resistance between terminal SL of shift solenoid valve and solenoid body.
- (b) Connect positive ⊕ lead to terminal of solenoid connector, negative ⊖ lead to solenoid body.

OK:

- (a) Resistance: 11 – 15 Ω at 20°C (68°F)
- (b) The shift solenoid valve SL makes operation noise.

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Replace the shift solenoid valve SL.

OK

Repair or replace the solenoid wire.

Step 3

INSPECTION PROCEDURE

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