

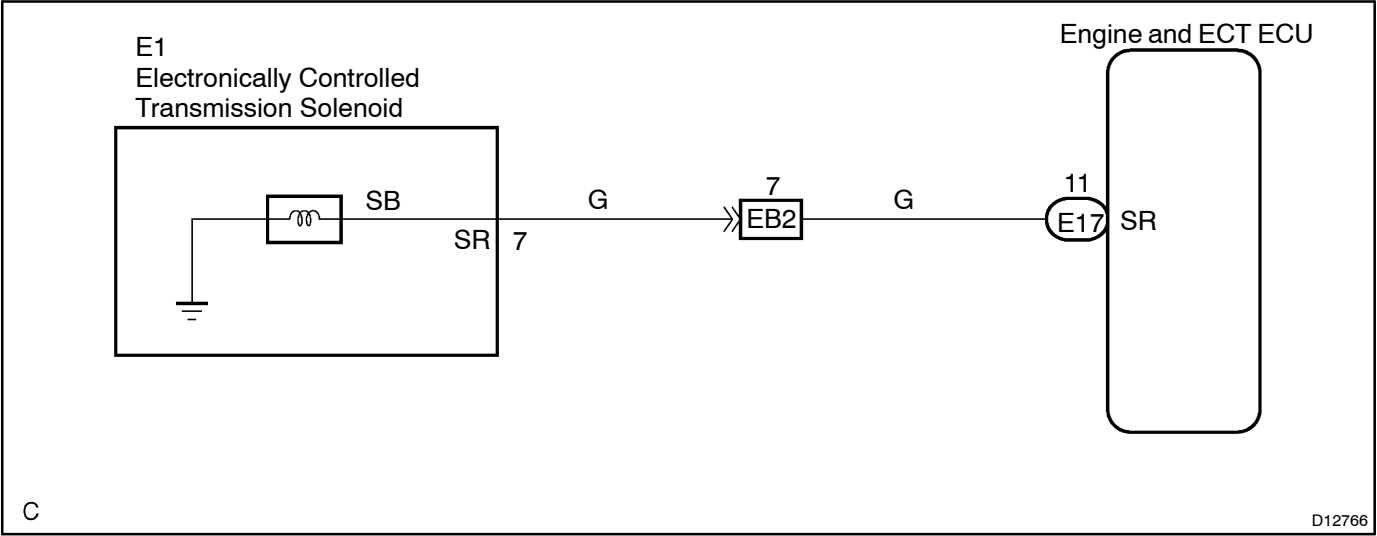
DTC	74	Shift Solenoid "E" Electrical (SR)
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CIRCUIT DESCRIPTION

See page DI-135.

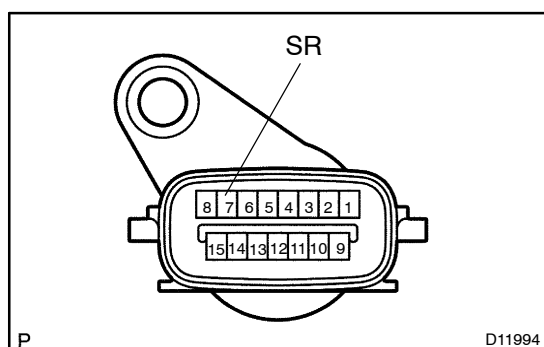
DTC No.	DTC Detection Condition	Trouble Area
74	Engine and ECT ECU detects open or short in shift solenoid valve SR circuit 2 times when solenoid valve SR is not operated (1-trip detection logic)	<ul style="list-style-type: none">• Open or short in shift solenoid valve SR circuit• Shift solenoid valve SR• Engine and ECT ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check transmission wire.

**PREPARATION:**

Disconnect the transmission wire connector.

CHECK:

Measure resistance between SR of transmission wire connector and body ground.

OK:

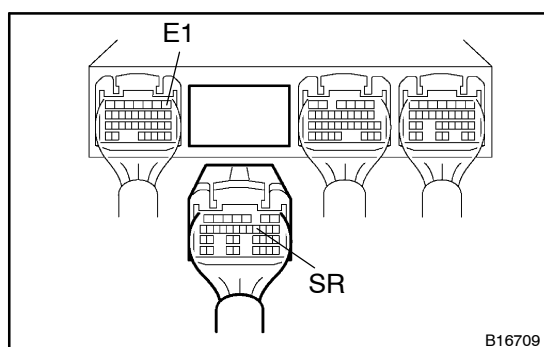
Resistance: 11 – 15 Ω at 20°C (68°F)

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Go to step 3.

OK

2 Measure resistance between terminal SR and E1 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 SR and E1 of Engine and ECT ECU connector.

OK:

Resistance: 11 – 15 Ω at 20°C (68°F)

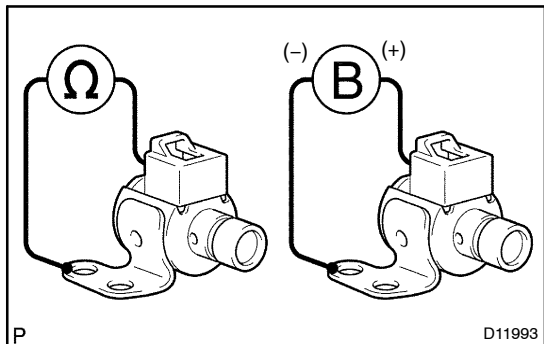
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Repair or replace the harness or connector (See page IN-38).

OK

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

3 Check shift solenoid valve SR.



PREPARATION:

- (a) Jack up the vehicle.
- (b) Remove the oil pan.
- (c) Remove the shift solenoid valve SR.

CHECK:

Measure the resistance between the solenoid connector terminal and the body ground.

OK:

Resistance: 11 – 15 Ω at 20°C (68°F)

CHECK:

Connect the battery positive lead to the solenoid connector terminal and the battery negative lead to the solenoid body ground.

OK:

Solenoid sounds operation noise.

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**Replace the shift solenoid valve SR
(See [page AT-8](#))**

OK

**Repair or replace the transmission wire
(See [page AT-6](#))**