

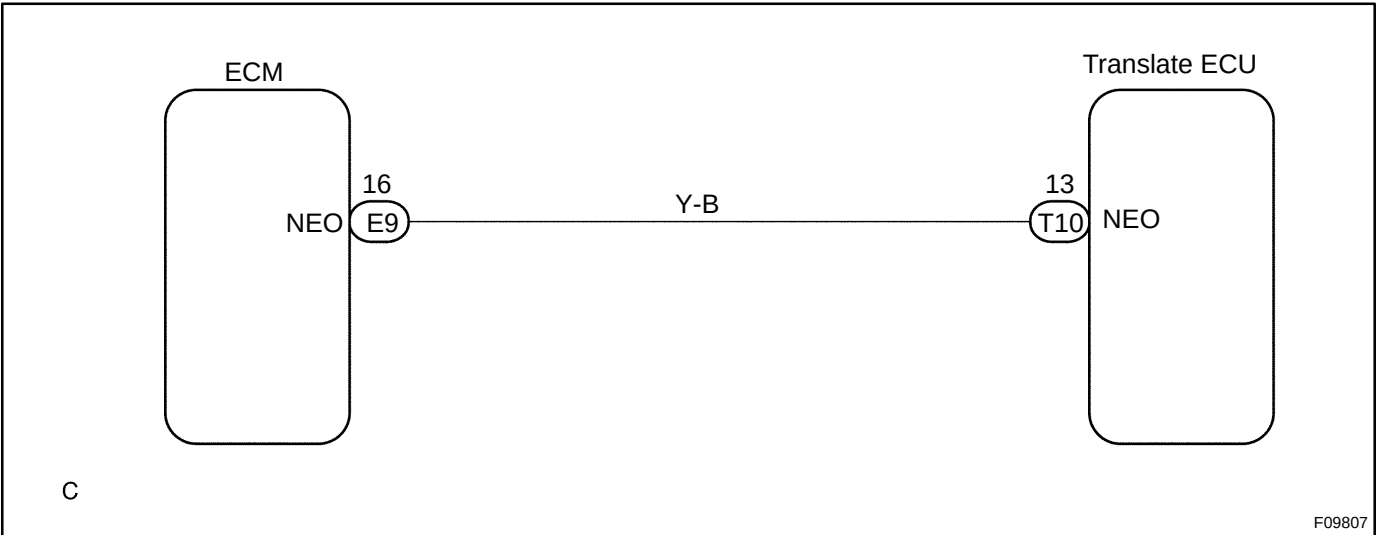
DTC	44	NEO Signal Circuit
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CIRCUIT DESCRIPTION

The skid control ECU receives engine revolution speed signals (NEO signal) from the ECM.

DTC No.	DTC Detecting Condition	Trouble Area
44	When either of the following 1. or 2. is detected: 1. The vehicle speed is 30 km/h (19 mph) or more, and open or short condition of the engine revolution signal under the normal communication condition with ECU continues for 10 sec. or more. 2. While cancel of cruise control is instructed from skid control ECU, open or short condition of the engine revolution signal continues for 0.24 sec. or more.	• NEO circuit • ECM • Translate ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1

Check for open and short circuit in harness and connector between terminal NEO of translate ECU and terminal NEO of ECM (See page [IN-31](#)).

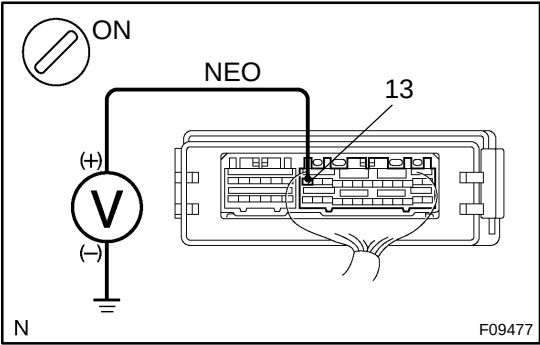
OK

NG

Repair or replace harness and connector.

2

Check voltage between terminal NEO (13) of translate ECU and body ground.



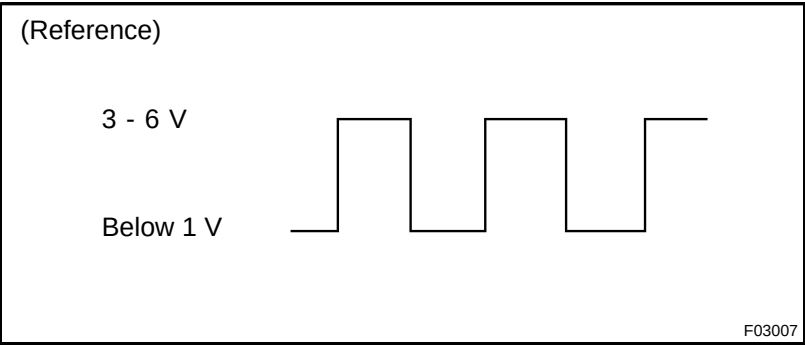
PREPARATION:
Remove the translate ECU with connectors still connected.

CHECK:

- (a) Turn the ignition switch ON.
- (b) Measure the voltage between terminal 13 of the translate ECU and body ground under the engine conditions below.

OK:

Engine condition	Voltage
OFF (IG ON)	3 - 6 V or below 1 V
ON (Idling)	3 - 6 V ↔ below 1 V (Pulse)



OK

NG

Check and replace ECM.

Check and replace transrate ECU.

If the same code is still output after the DTC is deleted, check the contact condition of each connection.