DI1H4–12

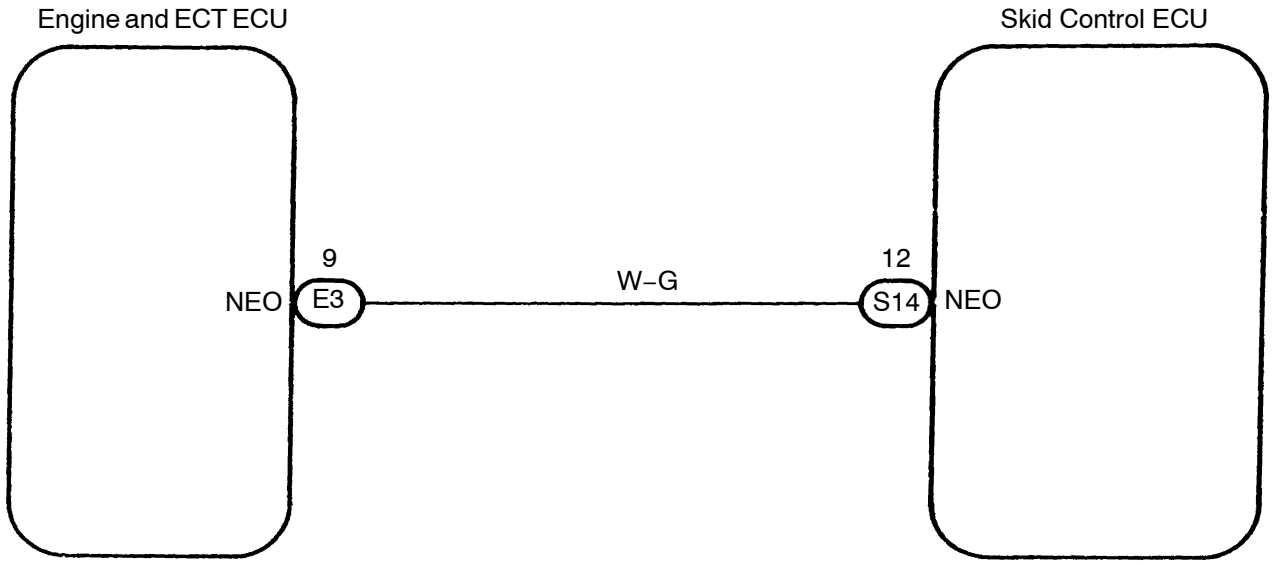
DTC	C1224 / 44	NEO Signal Circuit

CIRCUIT DESCRIPTION

The skid control ECU receives engine revolution speed signals (NE signals) from the engine and ECT ECU.

DTC No.	DTC Detecting Condition	Trouble Area
C1224 / 44	Detection of either condition 1. or 2.: 1. When the vehicle speed is 30 km/h (19 mph) or more and data reception from the engine and ECT ECU is in normal condition, open or short circuit of engine revolution signal continues for 10 sec. or more. 2. When TRC is in operation, open or short circuit of engine revolution signal continues for 0.24 sec. or more.	• NEO circuit • Engine and ECT ECU

WIRING DIAGRAM



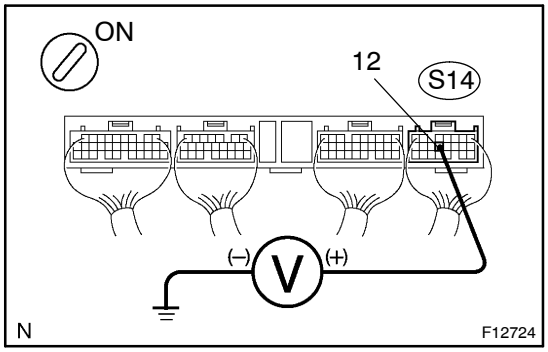
INSPECTION PROCEDURE

1	**Check for open and short circuit in harness and connector between terminal NEO of skid control ECU and terminal NEO of engine and ECT ECU (See page IN–35).**

NG → **Repair or replace harness and connector.**

OK

2	**Check voltage between terminal NEO of skid control ECU and body ground.**



PREPARATION:

(a) Remove the skid control ECU with connectors still connected.

(b) Turn the ignition switch ON.

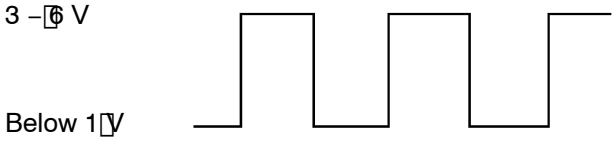
CHECK:

Measure voltage between the terminal NEO (S14 – 12) of the skid control ECU and body ground for the engine conditions below.

OK:

Engine condition	Voltage
OFF (Ignition switch ON)	3 – 6 V or below 1 V
ON (Idling)	3 – 6 V ↔ below 1 V (Pulse)

(Reference)



NG → **Check and replace skid control ECU or engine and ECT ECU.**

OK

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