

|            |                   |                          |
|------------|-------------------|--------------------------|
| <b>DTC</b> | <b>C1224 / 44</b> | <b>NE Signal Circuit</b> |
|------------|-------------------|--------------------------|

## CIRCUIT DESCRIPTION

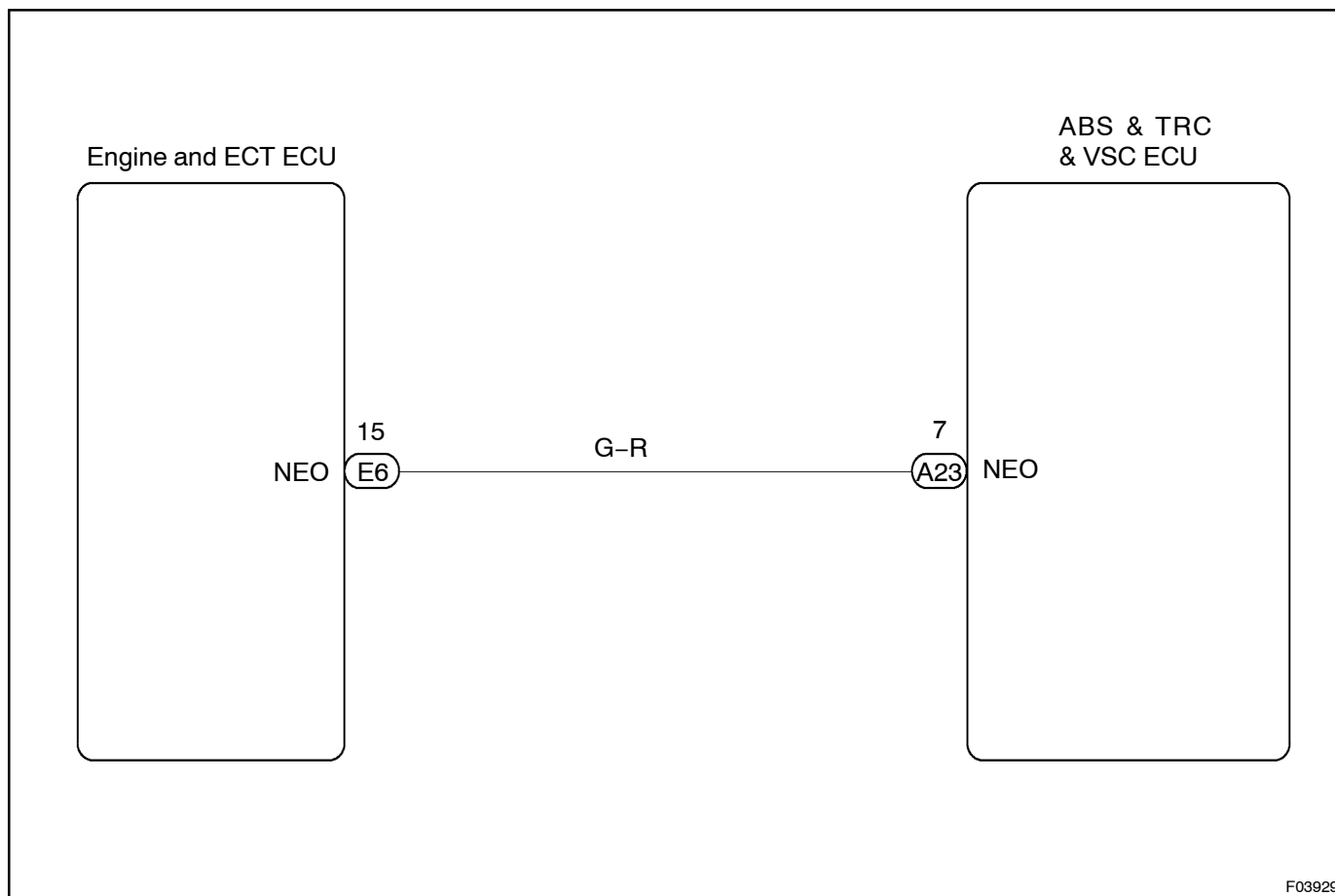
The ABS & TRC & VSC ECU receives engine revolution speed signals (NE signals) from the engine and ECT ECU.

| DTC No.    | DTC Detecting Condition   | Trouble Area   |
|------------|---|--|
| C1224 / 44 | When any of the following (1) through (2) is detected:<br>(1) At vehicle speed of 30 km/h (19 mph) or more, and when data received from the engine and ECT ECU is in normal condition, and open or short circuit for engine revolution signal circuit continues for 10 secs. or more.<br>(2) While TRC is operating, the conditions that open or short circuit in engine revolution signal circuit is detected, main throttle opening degree is 0 and IDL switch is OFF continue for 0.24 sec. or more. | <ul style="list-style-type: none"> <li>• NEO circuit</li> <li>• Engine and ECT ECU</li> <li>• ABS &amp; TRC &amp; VSC ECU</li> </ul> |

Fail safe function:

If trouble occurs in the NE signal circuit, the ECU prohibits TRC & VSC controls.

## WIRING DIAGRAM



## INSPECTION PROCEDURE

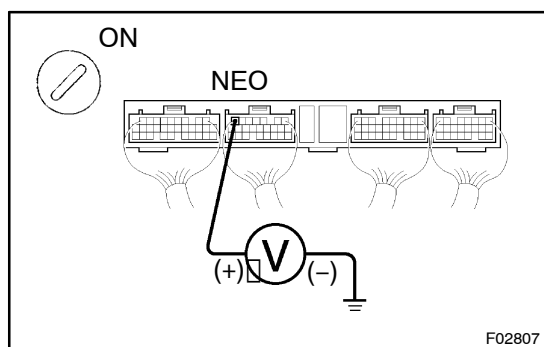
- 1 Check for open and short circuit in harness and connector between terminal NEO of ABS & TRC & VSC ECU and terminal NEO of engine and ECT ECU (See page N-29).

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Repair or replace harness and connector.

OK

- 2 Check voltage between terminal NEO of ABS & TRC & VSC ECU and body ground.

**PREPARATION:**

- (a) Remove ABS & TRC & VSC ECU with connectors still connected.  
 (b) Turn ignition switch ON.

**CHECK:**

Measure voltage between terminal NEO of ABS & TRC & VSC ECU and body ground for the engine conditions below.

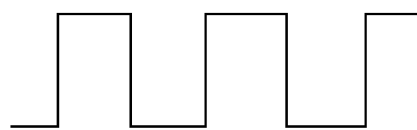
**OK:**

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

(Reference)

3 – 6 V

Below 1 V



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Check and replace ABS &amp; TRC &amp; VSC ECU or engine and ECT ECU.

OK

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