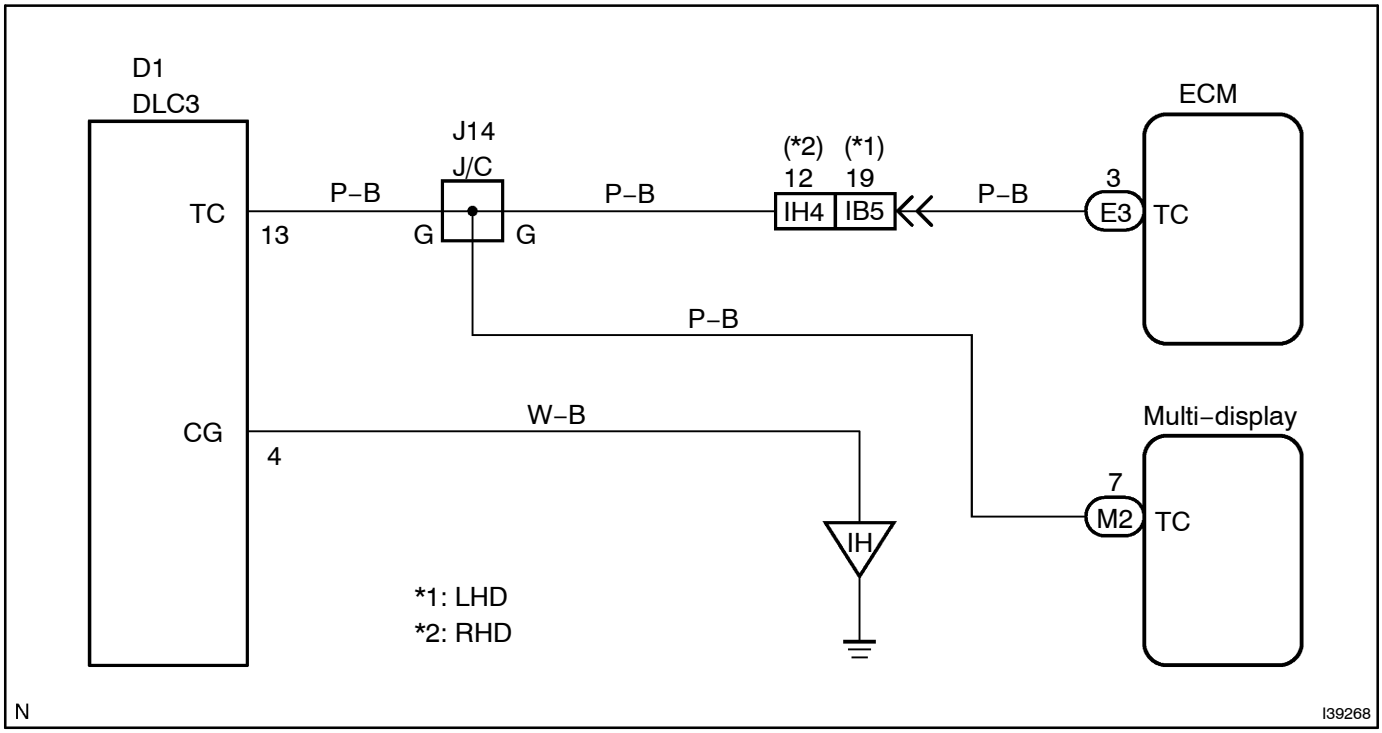
# DIAGNOSIS CIRCUIT

## CIRCUIT DESCRIPTION

Making a short circuit between terminals TC and CG of the DLC3 will output DTCs from the DLC3.

## WIRING DIAGRAM

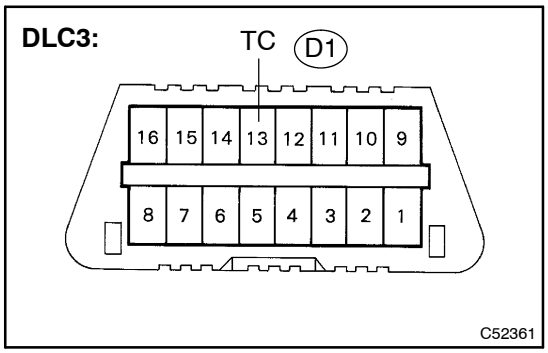



HINT:

When a particular warning light stays blinking, a ground short in the wiring of terminal TC of the DLC3 or an internal ground short in the relevant ECU is suspected.

# INSPECTION PROCEDURE

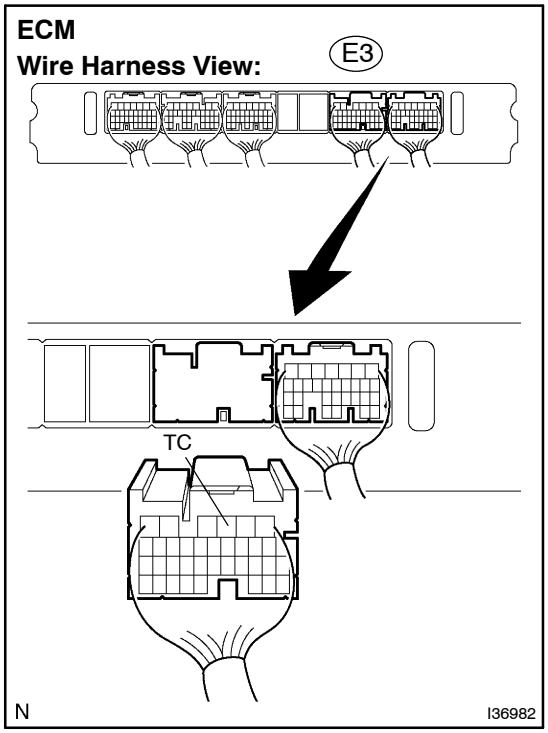
| 1 | CHECK HARNESS AND CONNECTOR (TC of DLC3 – ECM) |
|---|---|




(a) Disconnect the E3 connector from the ECM.
(b) Measure the resistance according to the value(s) in the table below.

**Standard:**

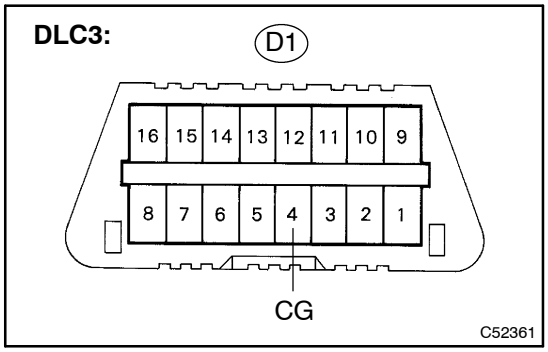
| Tester connection | Condition | Specified condition |
|---|---|---|
| TC (E3–3) – TC (D1 – 13) | Always | Below 1 Ω |




**NG** → **REPAIR OR REPLACE HARNESS OR CONNECTOR (DLC3 – ECM)**

**OK**

## 2 CHECK HARNESS AND CONNECTOR (CG of DLC3 – BODY GROUND)




(a) Measure the resistance according to the value(s) in the table below.

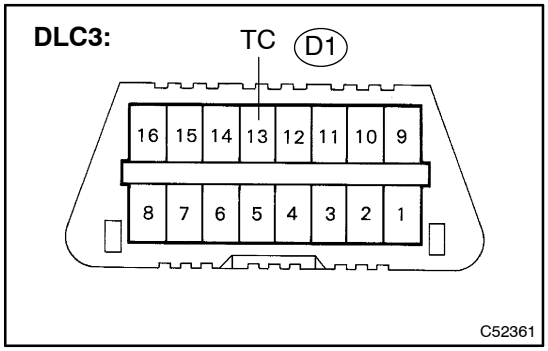
**Standard:**

| Tester connection | Condition | Specified condition |
|---|---|---|
| CG (D1–4) – Body ground | Always | Below 1 Ω |

**NG** → **REPAIR OR REPLACE HARNESS OR CONNECTOR (DLC3 – BODY GROUND)**

**OK**

## 3 CHECK HARNESS AND CONNECTOR (TC of DLC3 – BODY GROUND)




(a) Measure the resistance according to the value(s) in the table below.

**Standard:**

| Tester connection | Condition | Specified condition |
|---|---|---|
| TC (D1–13) – Body ground | Always | 10 kΩ or higher |

**NG** → **REPAIR OR REPLACE WIRE HARNESS AND EACH ECU**

**OK**

**REPLACE ECM (SEE PAGE 10–21)**