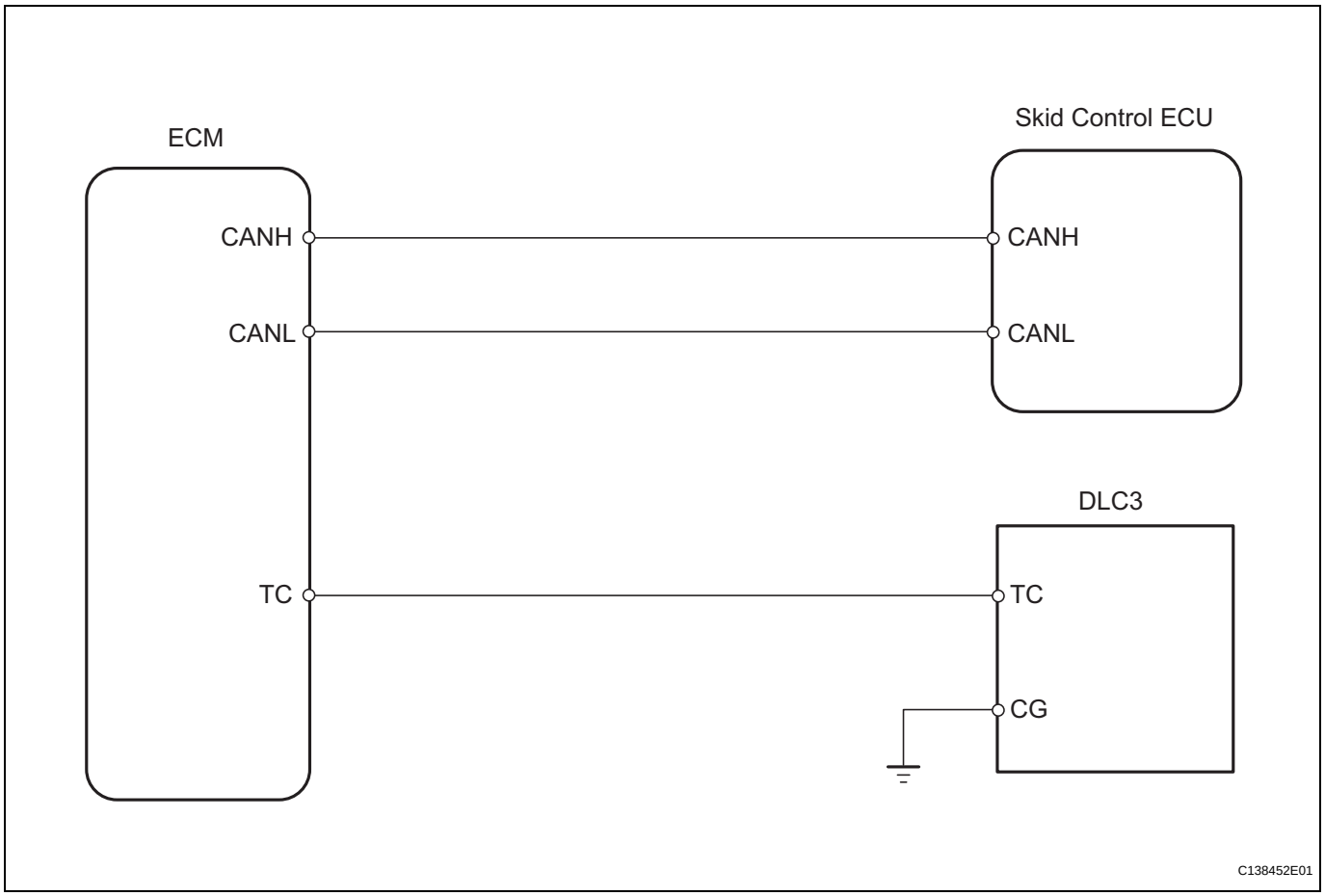
TC and CG Terminal Circuit

DESCRIPTION

Connecting terminals TC and CG of the DLC3 causes the ECU to display 2-digit DTCs by blinking the ABS and VSC TRAC warning lights.

BC

WIRING DIAGRAM

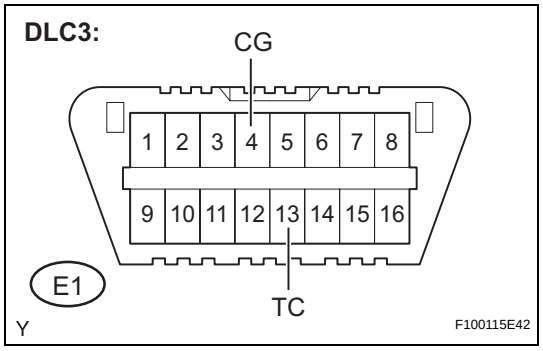


INSPECTION PROCEDURE

NOTICE:

When replacing the master cylinder solenoid, perform the zero point calibration (See page BC-24).

1	INSPECT DLC3 TERMINAL VOLTAGE (TC)



(a) Turn the ignition switch on.
(b) Measure the voltage.

Standard voltage

Tester Connection	Specified Condition
E1-13 (TC) - E1-4 (CG)	11 to 14 V

NG	Go to step 3

OK

2	CHECK CAN COMMUNICATION SYSTEM

BC

(a) Check whether CAN communication DTC(s) is output (See page CA-14).

Result

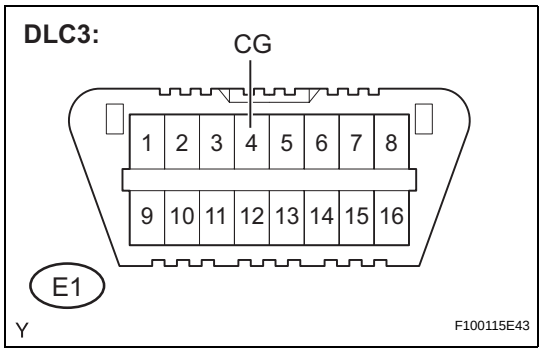
Result	Proceed to
DTC not output	A
DTC output	B

B → REPAIR CIRCUITS INDICATED BY OUTPUT DTCS

A

REPLACE MASTER CYLINDER SOLENOID

3	CHECK HARNESS AND CONNECTOR (DLC3 - BODY GROUND)



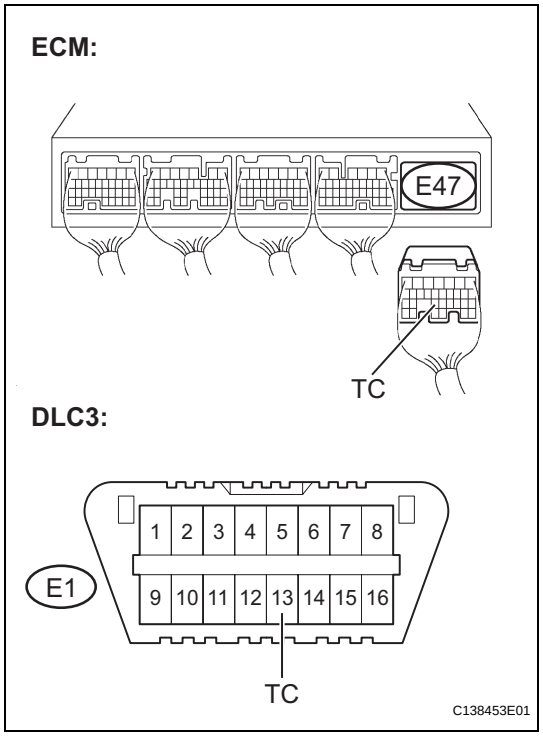
(a) Measure the resistance.
Standard resistance

Tester Connection	Specified Condition
E1-4 (CG) - Body ground	Below 1 Ω

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4 **CHECK HARNESS AND CONNECTOR (ECM - DLC3)**



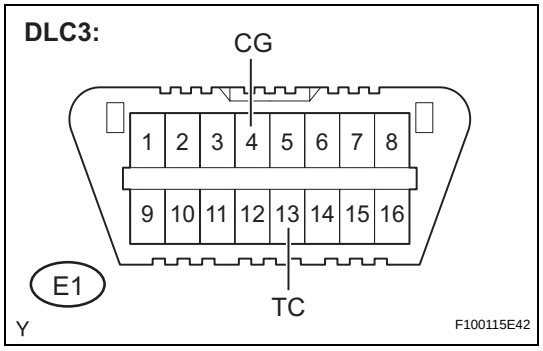
(a) Disconnect the ECM connector.
(b) Measure the resistance.
Standard resistance

Tester Connection	Specified Condition
E47-23 (TC) - E1-13 (TC)	Below 1 Ω
E1-13 (TC) - Body ground	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

5 **CHECK ECM (DLC3 INPUT)**



(a) Connect terminals TC and CG of the DLC3.
(b) Turn the ignition switch on.
(c) Check that the MIL is blinking.
OK:
MIL is blinking.

NG → **REPLACE ECM**

OK

REPLACE MASTER CYLINDER SOLENOID