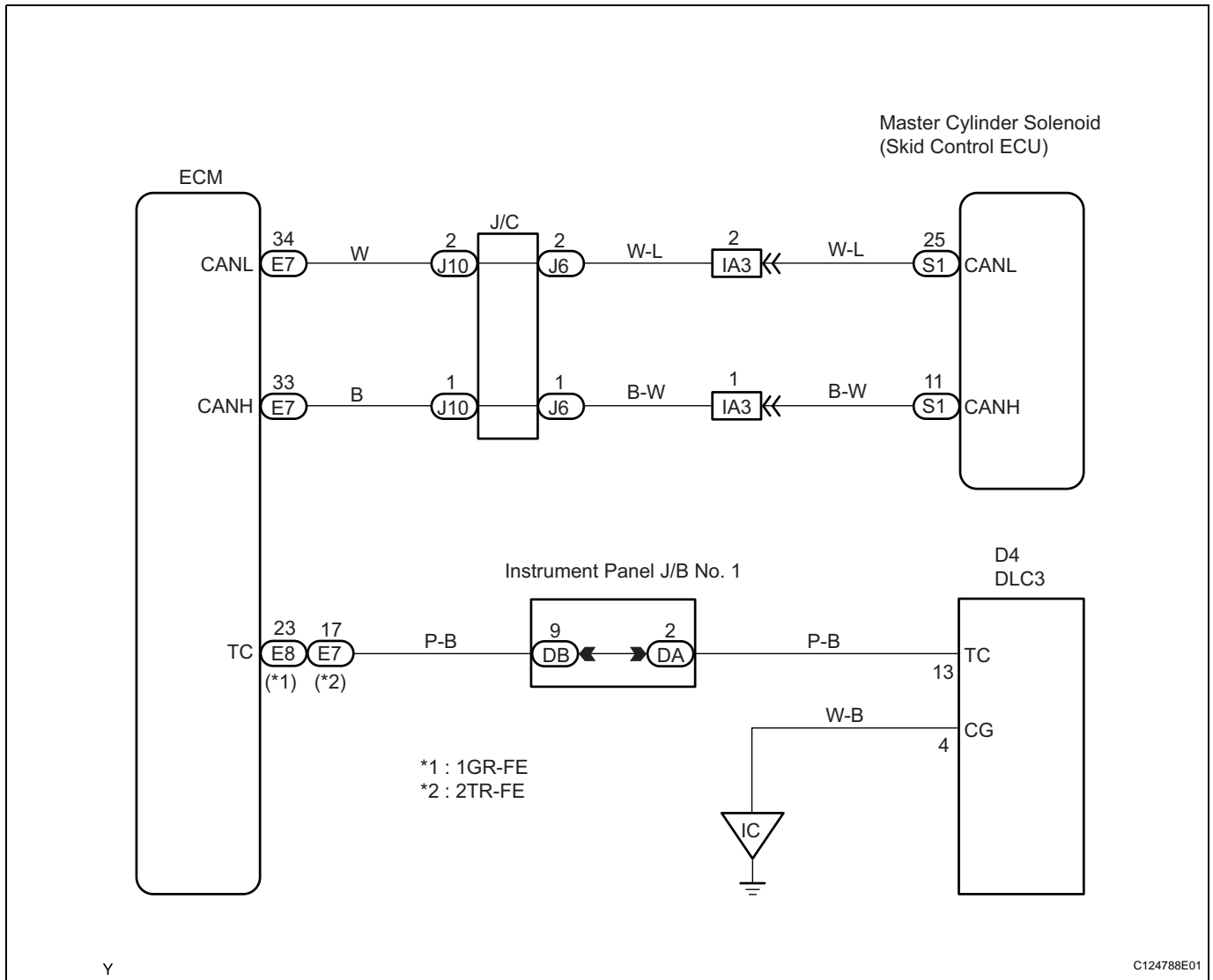


## TC and CG Terminal Circuit

### DESCRIPTION

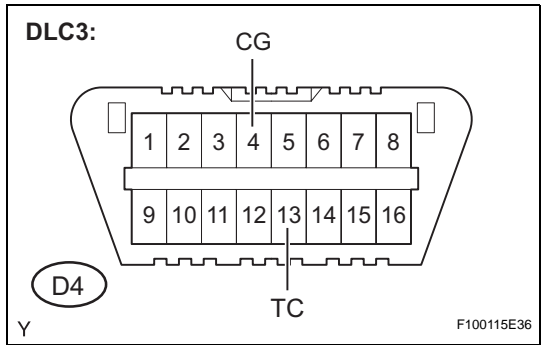
Connecting terminals TC and CG of the DLC3 causes the ECU to display 2-digit DTCs by blinking the ABS and VSC TRAC warning lights.

### WIRING DIAGRAM



1

INSPECT DLC3 (TC TERMINAL VOLTAGE)



- (a) Turn the ignition switch to the ON position.  
(b) Measure the voltage.

**Standard**

Tester Connection	Specified Condition
D4-13 (TC) - D4-4 (CG)	10 to 14 V

- (c) Turn the ignition switch to OFF.

NG

Go to step 3

OK

2

CHECK CAN COMMUNICATION SYSTEM

- (a) Check whether CAN system DTCs are recorded (See page CA-14).

Result	Proceed to
DTC not output	A
DTC output	B

B

REPAIR CIRCUITS INDICATED BY OUTPUT DTCs

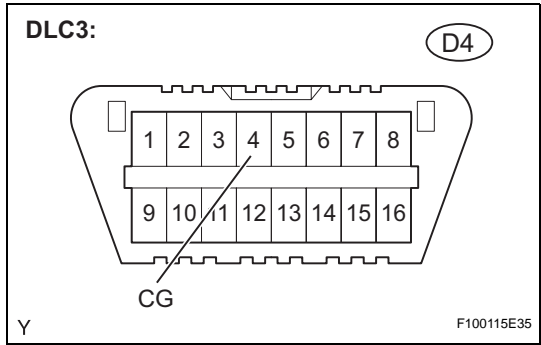
BC

A

REPLACE MASTER CYLINDER SOLENOID

3

CHECK HARNESS AND CONNECTOR (DLC3 - BODY GROUND)



- (a) Measure the resistance.  
**Standard**

Tester Connection	Specified Condition
D4-4 (CG) - Body ground	Below 1 Ω

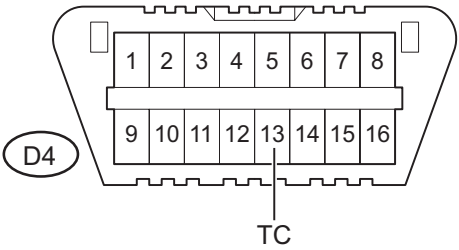
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

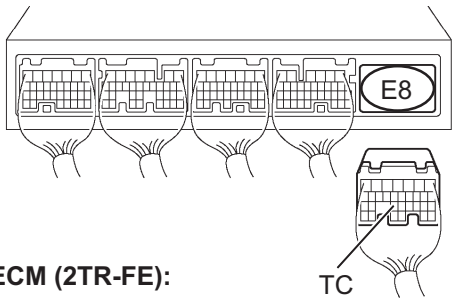
OK

4 CHECK HARNESS AND CONNECTOR (ECM - DLC3)

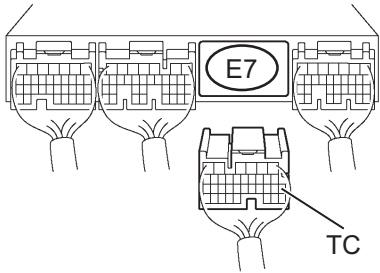
DLC3:



ECM (1GR-FE):



ECM (2TR-FE):



C124791E01

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

**Standard (1GR-FE)**

Tester Connection	Specified Condition
D4-13 (TC) - E8-23 (TC)	Below 1 $\Omega$

**Standard (2TR-FE)**

Tester Connection	Specified Condition
D4-13 (TC) - E7-17 (TC)	Below 1 $\Omega$

- (c) Measure the resistance.
- Standard**

Tester Connection	Specified Condition
D4-13 (TC) - Body ground	10 k $\Omega$ or higher

- (d) Reconnect the ECM connector.

NG

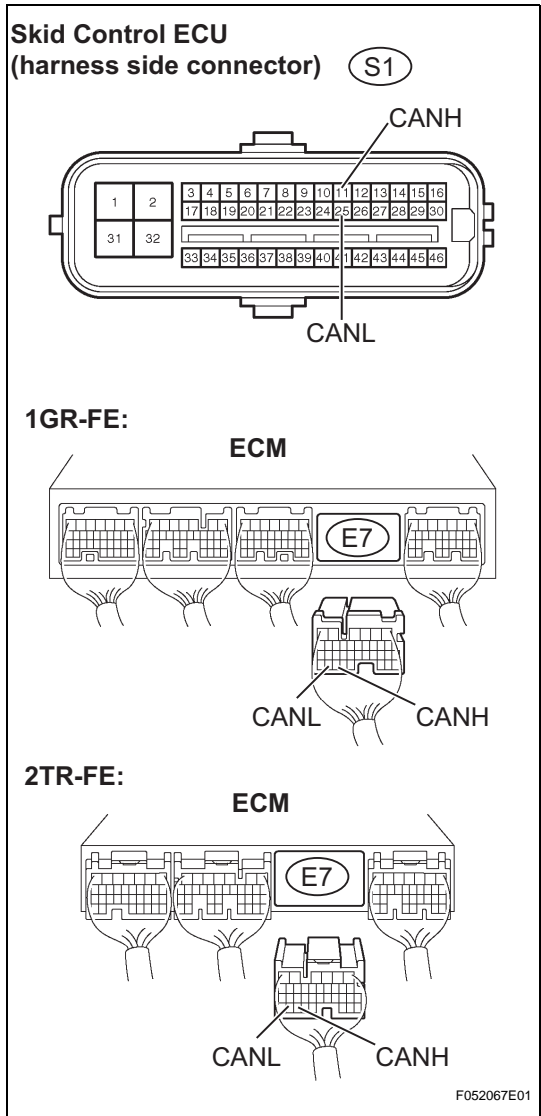
**REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

BC

5

CHECK HARNESS AND CONNECTOR (ECM - SKID CONTROL ECU)



- (a) Disconnect the skid control ECU connector.
- (b) Disconnect the ECM connector.
- (c) Measure the resistance.

Standard

Tester Connection	Specified Condition
S1-25 (CANL) - E7-33 (CANL)	Below 1 Ω
S1-11 (CANH) - E7-34 (CANH)	Below 1 Ω

- (d) Reconnect the ECM connector.
- (e) Reconnect the skid control ECU connector.

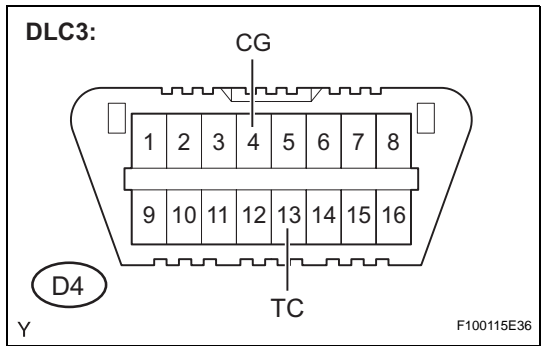
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

6

CHECK ECM (DLC3 (TC) INPUT)



- (a) Connect terminals TC and CG of DLC3.
- (b) Turn the ignition switch to the ON position.
- (c) Check if the ECM warning light is blinking.

OK:

ECM warning light is blinking.

- (d) Turn the ignition switch to OFF.
- (e) Disconnect the TC and CG terminals of DLC3.

NG

REPLACE ECM

OK

REPLACE MASTER CYLINDER SOLENOID