TC and CG Terminal Circuit

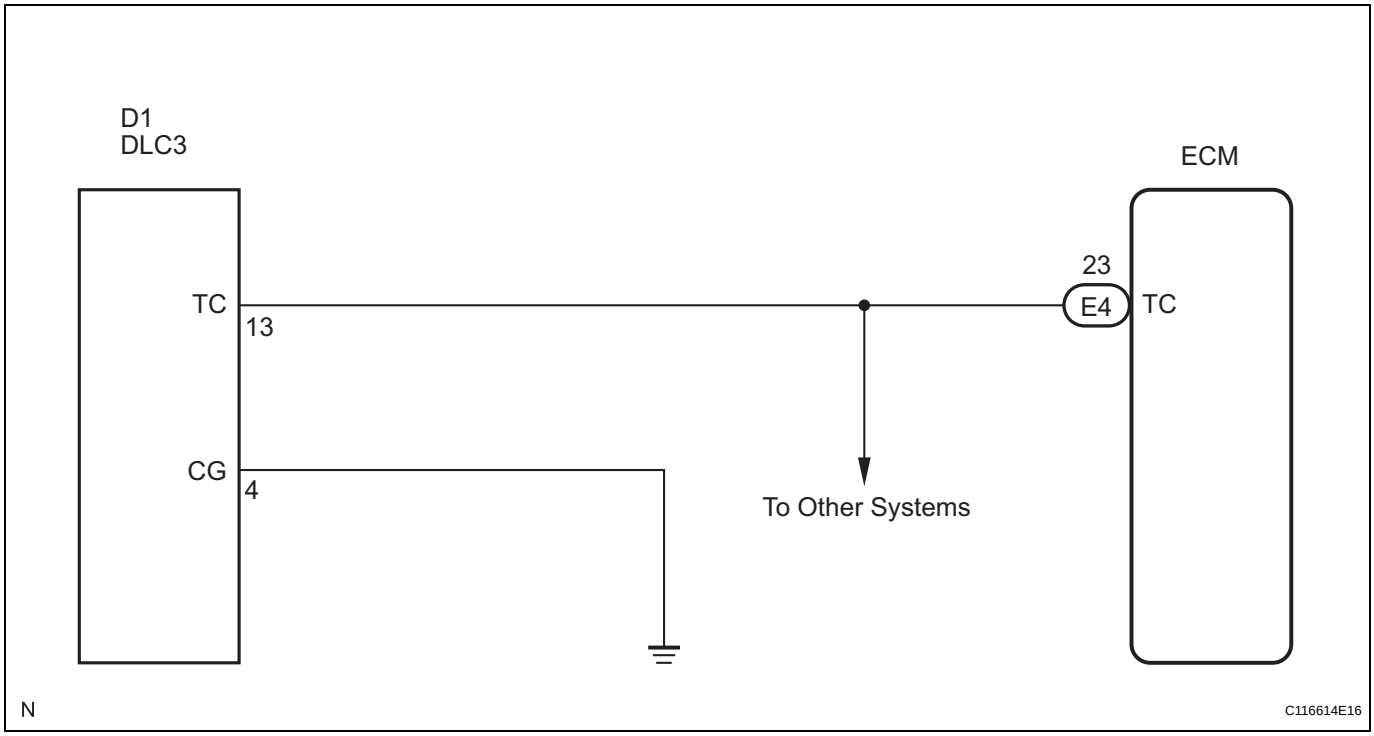
DESCRIPTION

Connecting terminals TC and CG of the DLC3 causes the system to enter the self-diagnostic mode. If a malfunction is present, DTCs will be output.

HINT:

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

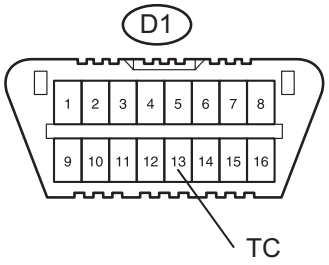
WIRING DIAGRAM



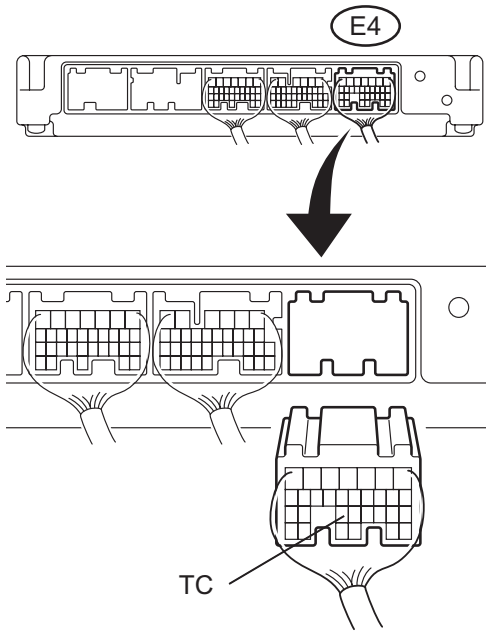
INSPECTION PROCEDURE

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

DLC3:



ECM Wire Harness View:



N

E127022E04

(a) Disconnect the E4 connector from the ECM.
(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

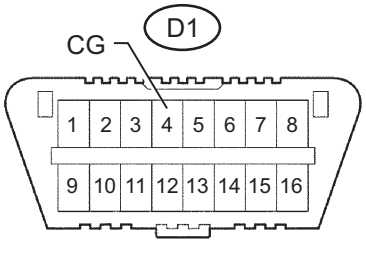
Tester Connection	Condition	Specified Condition
E4-23 (TC) - D1-13 (TC)	Always	Below 1 Ω

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

OK

2	CHECK HARNESS AND CONNECTOR (TERMINAL CG of DLC3 - BODY GROUND)

DLC3:



C126742E17

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

Standard resistance

Tester Connection	Condition	Specified Condition
D1-4 (CG) - Body ground	Always	Below 1 Ω

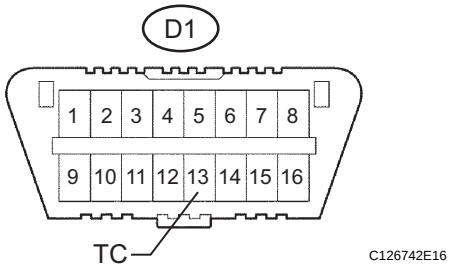
NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (DLC3 - BODY GROUND)**

CC

OK

3	CHECK HARNESS AND CONNECTOR (TERMINAL TC of DLC3 - BODY GROUND)

DLC3:



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

Standard resistance

Tester Connection	Condition	Specified Condition
D1-13 (TC) - Body ground	Always	10 kΩ or higher

NG → REPAIR OR REPLACE HARNESS, CONNECTOR, OR EACH ECU

OK

CC

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (See page CC-52)