

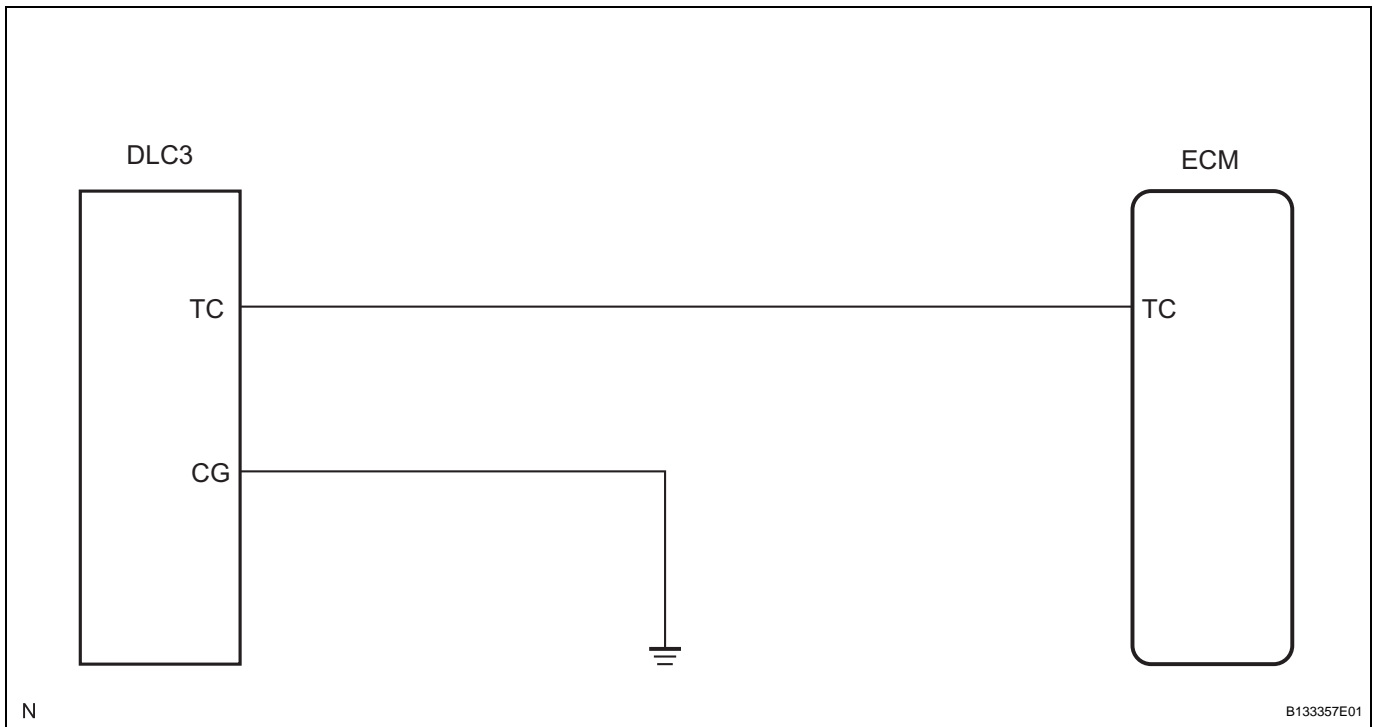
TC and CG Terminal Circuit

DESCRIPTION

The DLC3 circuit enables reading of Diagnostic Trouble Codes (DTCs) without using intelligent testers by connecting terminals TC and CG of the DLC3 connector.

Stored DTCs are displayed in blinking patterns of the CRUISE MAIN indicator light located on the combination meter.

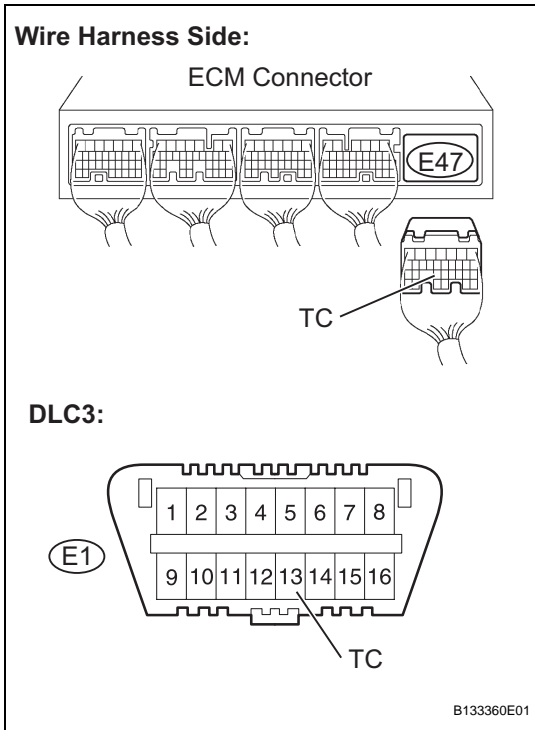
WIRING DIAGRAM



HINT:

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

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



- (a) Disconnect the E47 connector of the ECM.
- (b) Measure the resistance.

Standard resistance

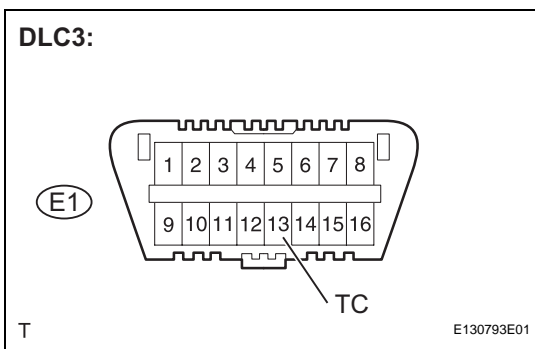
Tester Connection	Specified Condition
TC (E1-13) - TC (E47-23)	Below 1 Ω

- (c) Reconnect the ECM connector.

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (TC of DLC3 - ECM)

OK

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



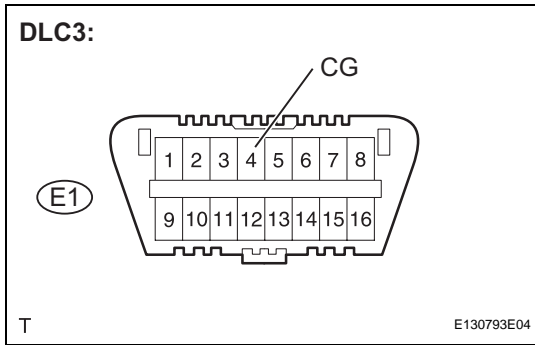
- (a) Measure the resistance.
- Standard resistance**

Tester Connection	Specified Condition
TC (E1-13) - Body ground	10 k Ω or higher

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (TC CIRCUIT)

OK

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



(a) Measure the resistance.
Standard resistance

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

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

OK

REPLACE ECM