

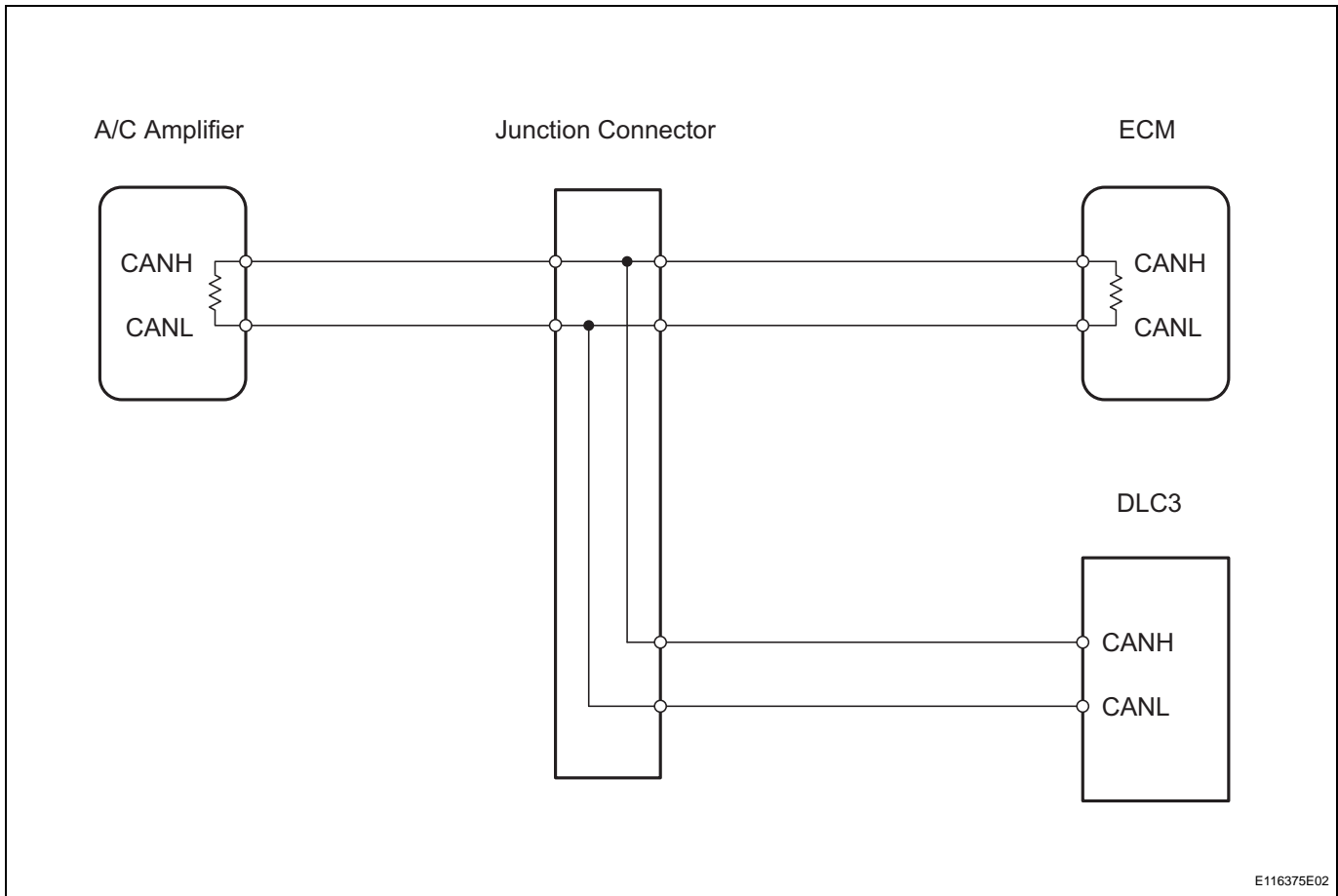
## Open in CAN Main Bus Line

### DESCRIPTION

The CAN main bus line and DLC3 sub bus line may be disconnected when the resistance between terminals 6 (CANH) and 14 (CANL) of the DLC3 is 69 Ω or higher.

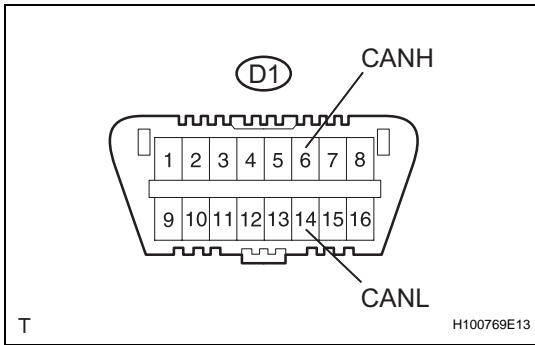
Symptom	Trouble Area
Resistance between terminals 6 (CANH) and 14 (CANL) of DLC3 is more than 69 Ω	<ul style="list-style-type: none"> <li>• CAN main bus line or connector</li> <li>• ECM</li> <li>• A/C amplifier</li> <li>• DLC3 sub bus line and connector</li> <li>• Junction connector</li> </ul>

### WIRING DIAGRAM



E116375E02

**1 CHECK DLC3**



(a) Measure the resistance of the DLC3.

**Standard resistance**

Tester Connection	Condition	Specified Condition	Proceed to
D1-6 (CANH) - D1-14 (CANL)	Ignition switch OFF	108 to 132 Ω	A
D1-6 (CANH) - D1-14 (CANL)	Ignition switch OFF	132 Ω or higher	B

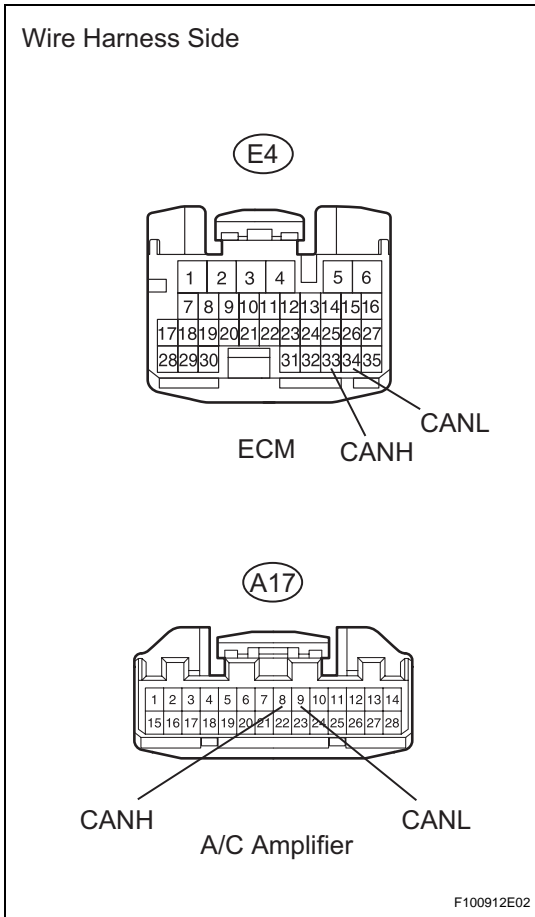
**NOTICE:**

When the measured value is 132 Ω or more and a CAN communication system DTC is output, there may be a fault other than the disconnection of the DLC3 sub bus line. After repairing the trouble area, perform the "How to Proceed with Troubleshooting" procedures (see page CA-5).

**B** REPAIR OR REPLACE DLC3 SUB BUS LINE AND CONNECTOR (CANH, CANL)

**A**

**2 CHECK CAN MAIN BUS LINE FOR DISCONNECTION (ECM - A/C AMPLIFIER)**



(a) Disconnect the E4 ECM and A17 amplifier connectors.  
 (b) Measure the resistance of the wire harness side connectors.

**Standard resistance**

Tester Connection	Condition	Specified Condition
E4-33 (CANH) - A17-8 (CANH)	Ignition switch OFF	Below 1 Ω
E4-34 (CANL) - A17-9 (CANL)	Ignition switch OFF	Below 1 Ω

**NG** REPAIR OR REPLACE CAN MAIN BUS LINE AND CONNECTOR (ECM - A/C AMPLIFIER) OR JUNCTION CONNECTOR

CA

OK

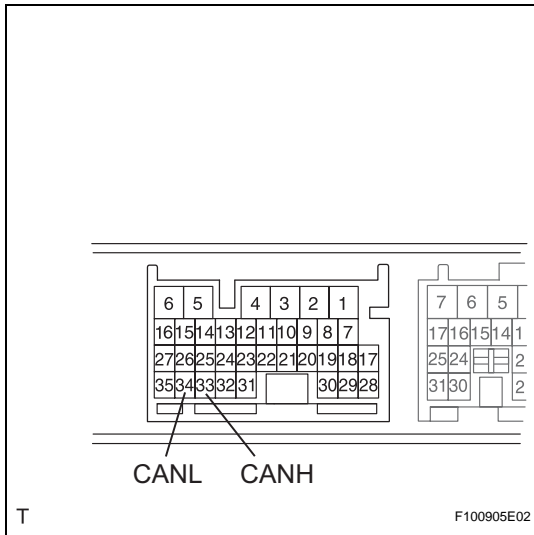
**3 INSPECT ECM**

(a) Measure the resistance of the ECM.

**Standard resistance**

Tester Connection	Condition	Specified Condition
33 (CANH) - 34 (CANL)	Ignition switch OFF	108 to 132 Ω

**NG** → **REPLACE ECM**



OK

**REPLACE A/C AMPLIFIER**