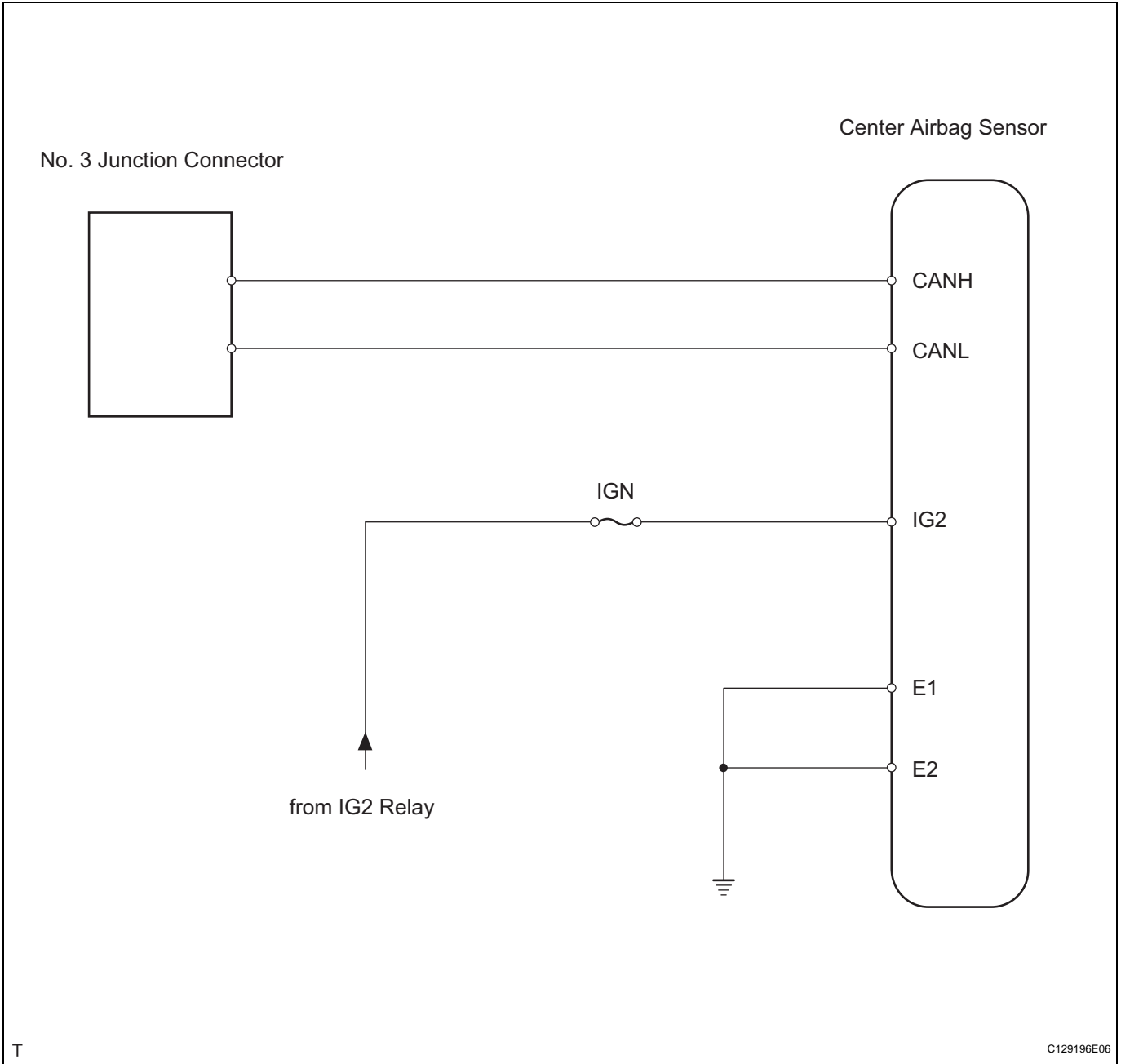


Center Airbag Sensor Communication Stop Mode

DESCRIPTION

Detection Item	Symptom	Trouble Area
CENTER AIRBAG SENSOR COMMUNICATION STOP MODE	<ul style="list-style-type: none"> SRS AIRBAG is not displayed on "BUS CHECK" screen of intelligent tester. Applies to "CENTER AIRBAG SENSOR COMMUNICATION STOP MODE" in "DTC COMBINATION TABLE" 	<ul style="list-style-type: none"> Power source or inside center airbag sensor assembly Center airbag sensor assembly branch wire and connector Center airbag sensor assembly

WIRING DIAGRAM



INSPECTION PROCEDURE

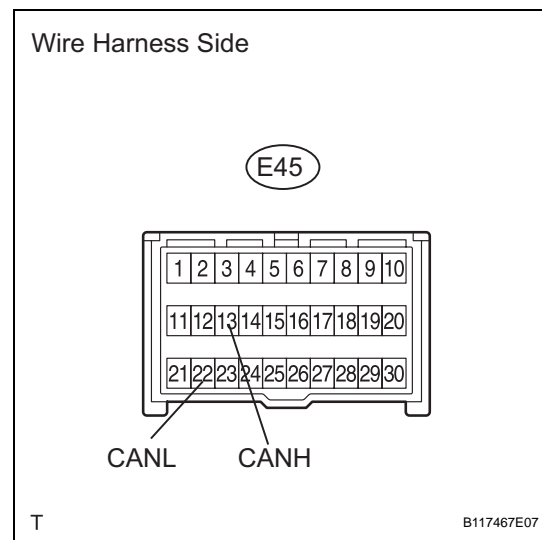
NOTICE:

- Turn the ignition switch OFF before measuring the resistances of the main wire and the branch wire.
- After the ignition switch is turned OFF, check that the key reminder warning system and light reminder warning system are not in operation.
- Before measuring the resistance, leave the vehicle for at least 1 minute and do not operate the ignition switch, any switches or doors. If doors need to be opened in order to check connectors, open the doors and leave them open.

HINT:

Operating the ignition switch, any switches or any doors triggers related ECU and sensor communication with the CAN, which causes resistance variation.

1 CHECK CAN BUS LINE FOR DISCONNECTION (CENTER AIRBAG SENSOR ASSEMBLY BRANCH WIRE)



- Disconnect the E45 center airbag sensor connector.
- Measure the resistance of the wire harness side connector.

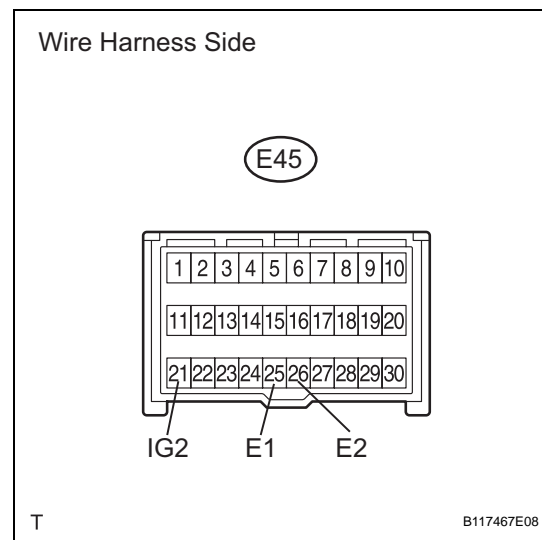
Standard resistance

Tester Connection	Condition	Specified Condition
E45-13 (CANH) - E45-22 (CANL)	Ignition switch OFF	54 to 69 Ω

NG REPAIR OR REPLACE CENTER AIRBAG SENSOR ASSEMBLY BRANCH WIRE AND CONNECTOR (CANH, CANL)

OK

2 CHECK WIRE HARNESS (CENTER AIRBAG SENSOR ASSEMBLY - BATTERY AND BODY GROUND)



- Disconnect the E45 center airbag sensor connector.
- Measure the resistance of the wire harness side connector.

Standard resistance

Tester Connection	Specified Condition
E45-25 (E1) - Body ground	Below 1 Ω
E45-26 (E2) - Body ground	Below 1 Ω

- Measure the voltage of the wire harness side connector.

Standard voltage

Tester Connection	Condition	Specified Condition
E45-21 (IG2) - Body ground	Ignition switch ON	10 to 14 V

NG

REPAIR OR REPLACE HARNESS AND
CONNECTOR

OK

REPLACE CENTER AIRBAG SENSOR ASSEMBLY