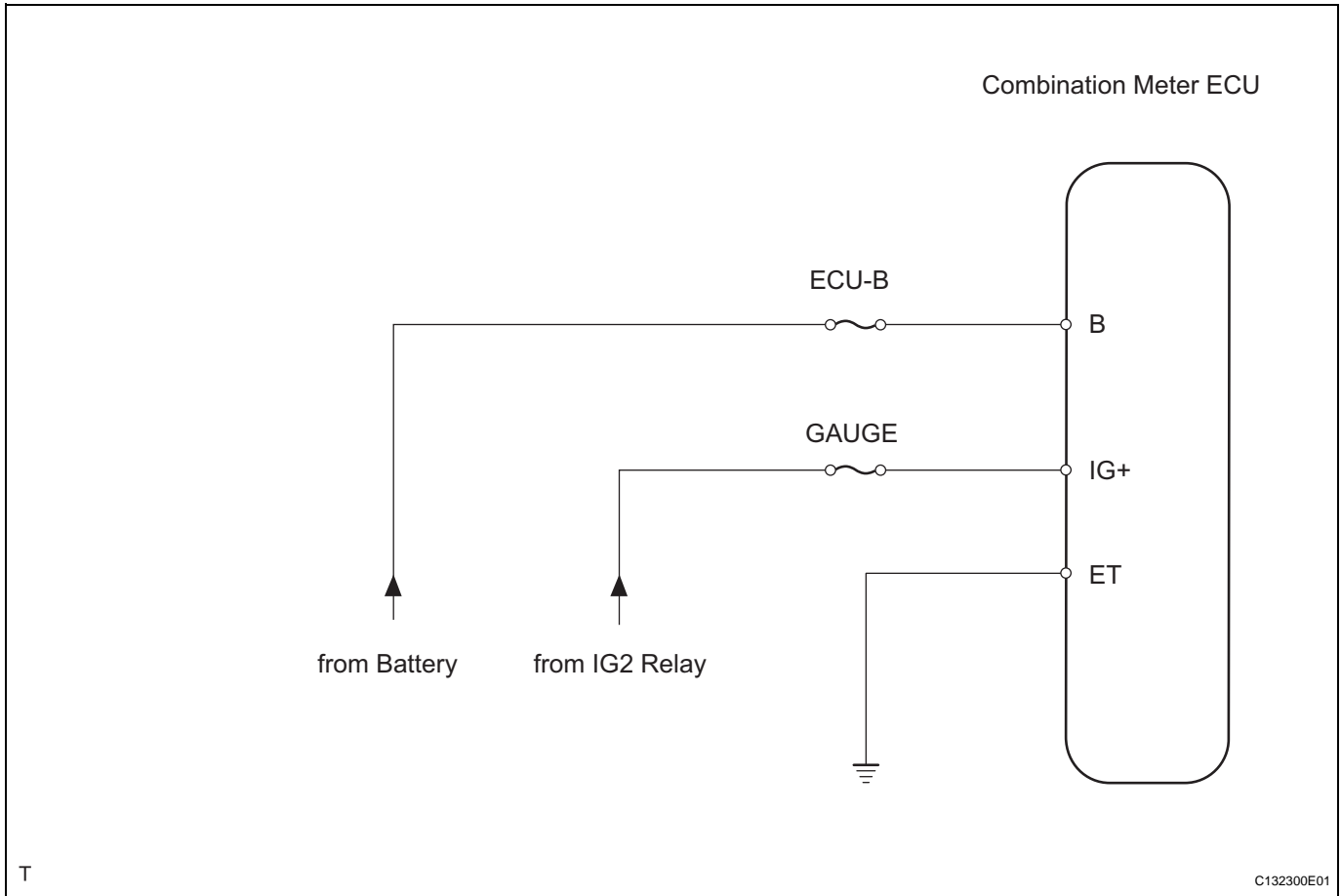


## Combination Meter ECU Communication Stop Mode

### DESCRIPTION

Detection Item	Symptom	Trouble Area
COMBINATION METER ECU COMMUNICATION STOP MODE	<ul style="list-style-type: none"> <li>METER is not displayed on "BUS CHECK" screen of intelligent tester</li> <li>Applies to "COMBINATION METER ECU COMMUNICATION STOP MODE" in "DTC COMBINATION TABLE"</li> </ul>	<ul style="list-style-type: none"> <li>Power source or inside combination meter ECU</li> <li>Combination meter ECU branch wire and connector</li> <li>Combination meter ECU</li> </ul>

### WIRING DIAGRAM



### INSPECTION PROCEDURE

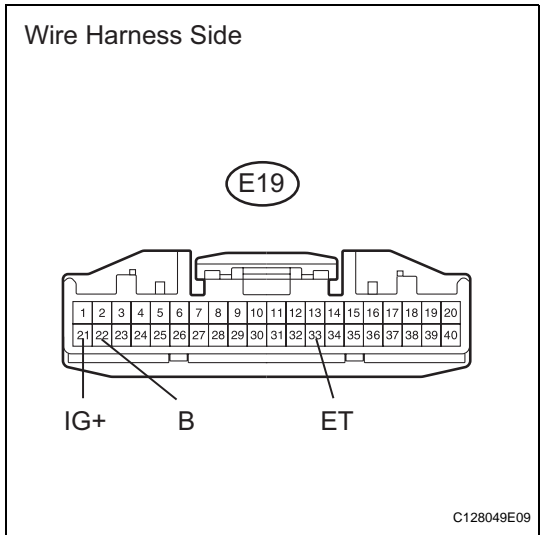
#### NOTICE:

- 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 WIRE HARNESS (COMBINATION METER ECU - BATTERY AND BODY GROUND)**



- (a) Disconnect the E19 combination meter ECU connector.
- (b) Measure the resistance of the wire harness side connector.

**Standard resistance**

Tester Connection	Specified Condition
E19-33 (ET) - Body ground	Below 1 Ω

- (c) Measure the voltage of the wire harness side connector.
- Standard voltage**

Tester Connection	Condition	Specified Condition
E19-22 (B) - Body ground	Always	10 to 14 V
E19-21 (IG+) - Body ground	Ignition switch ON	10 to 14 V

CA

**NG** REPAIR OR REPLACE HARNESS AND CONNECTOR

**OK**

**REPLACE COMBINATION METER ECU**