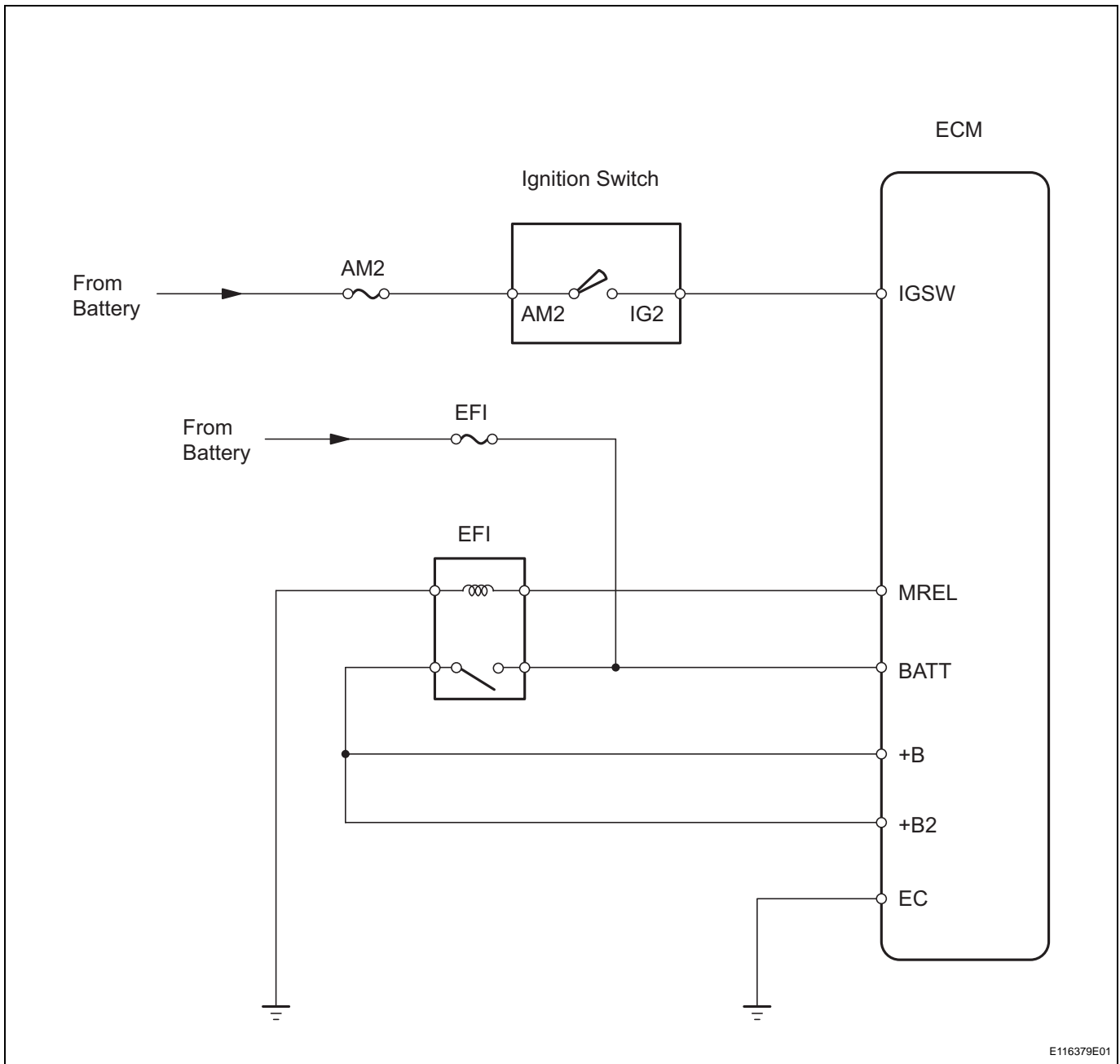


ECM Communication Stop Mode

DESCRIPTION

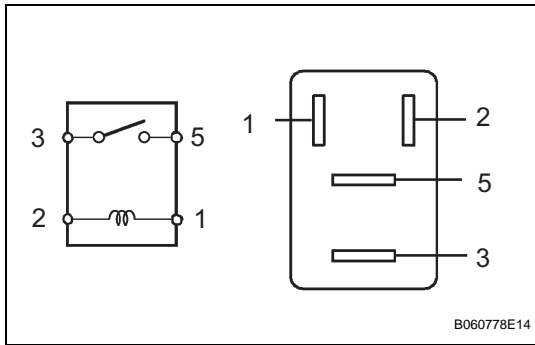
Detection Item	Symptom	Trouble Area
ECM COMMUNICATION STOP MODE	<ul style="list-style-type: none"> • "ENGINE" is not displayed on the "BUS CHECK" screen of the intelligent tester • Applies to "ECM COMMUNICATION STOP MODE" in the "DTC, BUS CHECK COMBINATION TABLE" • VSC function stops • TRC function stops • A/C control stops 	<ul style="list-style-type: none"> • Power source or inside the ECM

WIRING DIAGRAM



CA

1 INSPECT EFI RELAY (Marking: EFI)



- (a) Remove the EFI relay from the engine room relay block.
- (b) Measure the resistance of the relay.

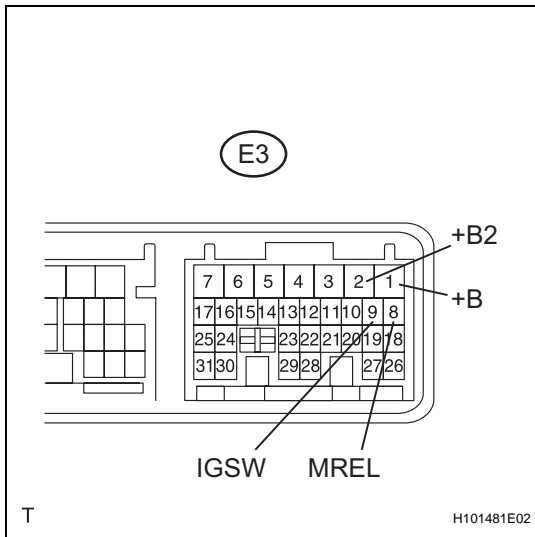
Standard resistance

Tester Connection	Specified Condition
3 - 5	10 kΩ or higher
3 - 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)

NG → **REPLACE EFI RELAY**

OK

2 CHECK POWER SOURCE CIRCUIT



- (a) Turn the ignition switch ON.
- (b) Measure the voltage of the wire harness side connector.

Standard voltage

Tester Connection	Specified Condition
E3-9 (IGSW) - Body ground	10 to 14 V
E3-8 (MREL) - Body ground	10 to 14 V
E3-1 (+B) - Body ground	10 to 14 V
E3-2 (+B2) - Body ground	10 to 14 V

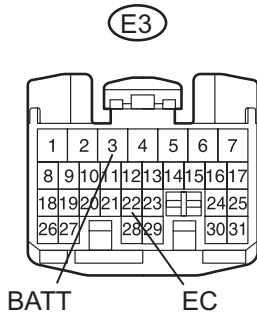
NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

CA

3 CHECK WIRE HARNESS (ECM - BATTERY AND BODY GROUND)

Wire Harness Side



T

F100903E05

- (a) Disconnect the E3 ECM connector.
 (b) Measure the resistance of the wire harness side connector.

Standard resistance

Tester Connection	Specified Condition
E3-22 (EC) - Body ground	Below 1 Ω

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

Tester Connection	Condition	Specified Condition
E3-3 (BATT) - Body ground	Ignition switch OFF	10 to 14 V

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE ECM