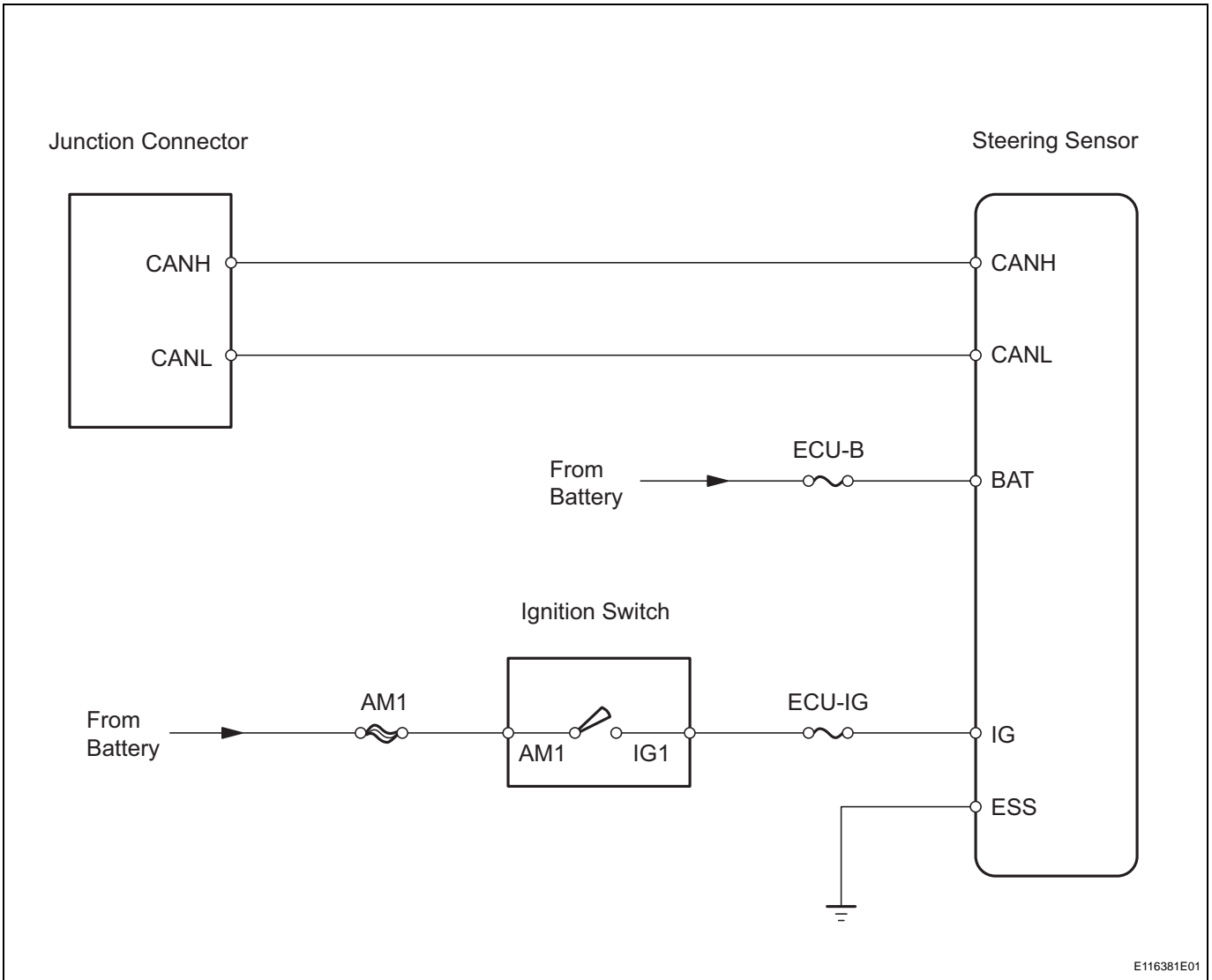


Steering Sensor Communication Stop Mode

DESCRIPTION

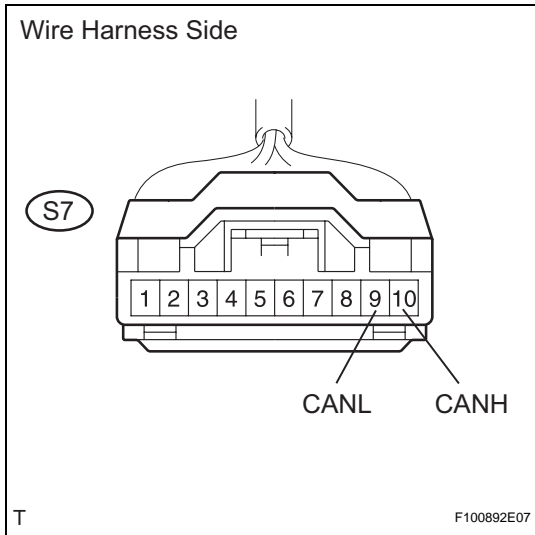
Detection Item	Symptom	Trouble Area
STEERING SENSOR COMMUNICATION STOP MODE	<ul style="list-style-type: none"> • STEERING SENSOR is not displayed on the "BUS CHECK" screen of the intelligent tester. • Applies to "STEERING SENSOR COMMUNICATION STOP MODE" in the "DTC, BUS CHECK COMBINATION TABLE" 	<ul style="list-style-type: none"> • Power source or inside the steering sensor • Steering sensor sub bus line and connector

WIRING DIAGRAM



CA

1 CHECK CAN BUS LINE FOR DISCONNECTION (STEERING SENSOR SUB BUS LINE)



- (a) Disconnect the S7 sensor connector.
- (b) Measure the resistance of the wire harness side connector.

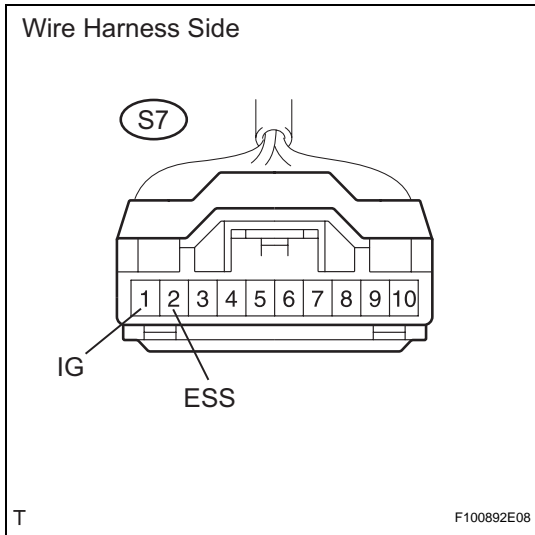
Standard resistance

Tester Connection	Condition	Specified Condition
S7-10 (CANH) - S7-9 (CANL)	Ignition switch OFF	54 to 69 Ω

NG REPAIR OR REPLACE STEERING SENSOR SUB BUS LINE AND CONNECTOR (CANH, CANL)

OK

2 CHECK WIRE HARNESS (STEERING SENSOR - BATTERY AND BODY GROUND)



- (a) Disconnect the S7 sensor connector.
- (b) Measure the resistance of the wire harness side connector.

Standard resistance

Tester Connection	Specified Condition
S7-2 (ESS) - Body ground	Below 1 Ω

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

Tester Connection	Condition	Specified Condition
S7-1 (IG) - Body ground	Ignition switch ON	10 to 14 V

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE STEERING SENSOR

CA