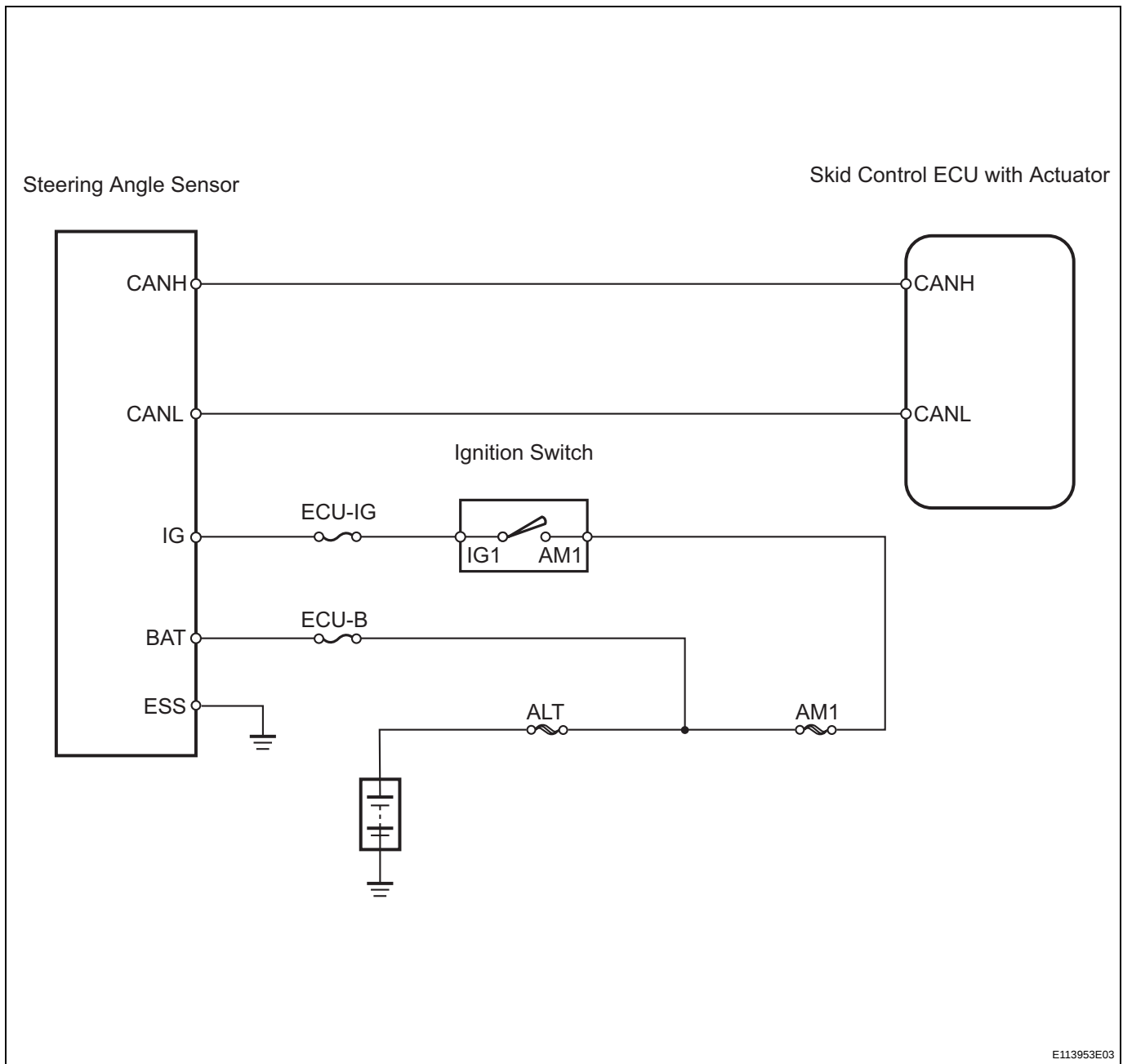


DTC**C1231/31****Steering Angle Sensor Circuit Malfunction****DESCRIPTION**

The steering angle sensor signal is sent to the skid control ECU through the CAN communication system. When there is a malfunction in the communication system, the DTC will be detected by the diagnosis function.

DTC No.	DTC Detection Condition	Trouble Area
C1231/31	When ECU IG1 terminal voltage is 9.5 V or more, steering angle sensor malfunction signal is received	- Steering angle sensor - Steering angle sensor circuit - Power source circuit

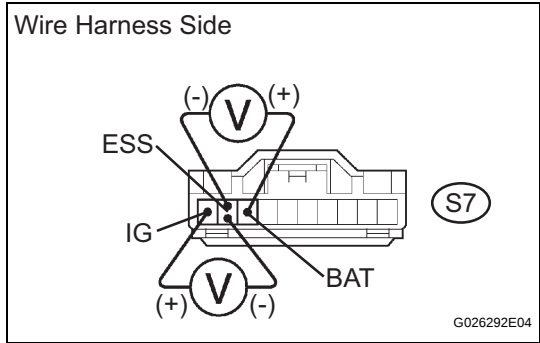
WIRING DIAGRAM

HINT:

- When U0121/94, U0123/62, U0124/95 or U0126/63 is output along with C1210/36 or C1336/98, inspect and repair the trouble areas indicated by U0123/62, U0124/95 or U0126/63 first.
- When the speed sensor or the yaw rate sensor has a problem, DTCs for the steering angle sensor may be output even when the steering angle sensor is normal. When DTCs for the speed sensor or yaw rate sensor are output with other DTCs for the steering angle sensor, inspect and repair the speed sensor and yaw rate sensor first. Then inspect and repair the steering angle sensor.

1

CHECK WIRE HARNESS (STEERING ANGLE SENSOR - BATTERY)



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

Tester Connection	Switch Condition	Specified Condition
S7-1 (IG) - S7-2 (ESS)	Ignition switch ON	10 to 14 V
S7-3 (BAT) - S7-2 (ESS)	Always	

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE STEERING ANGLE SENSOR