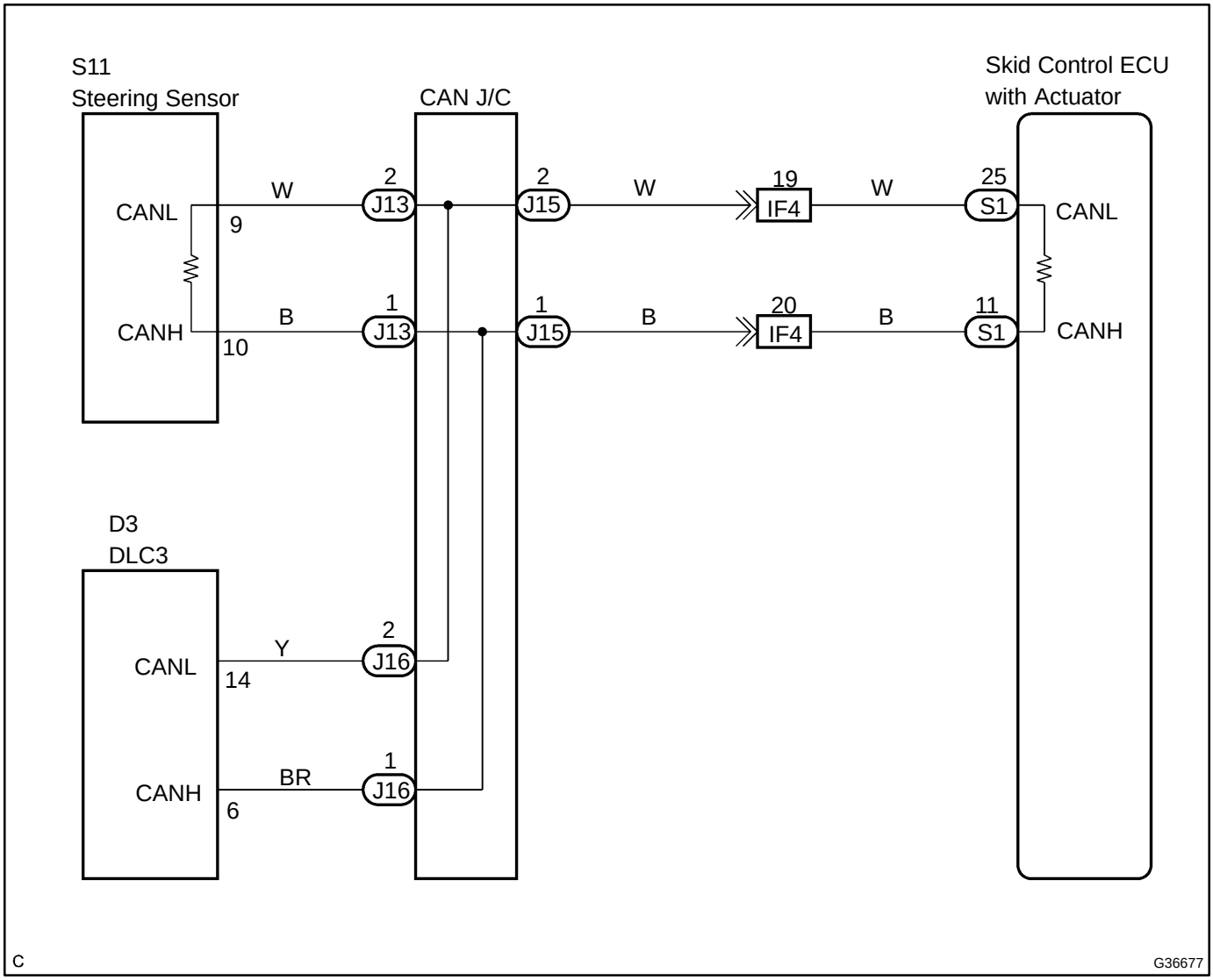
CHECK CAN MAIN BUS LINE FOR DISCONNECTION

CIRCUIT DESCRIPTION

The CAN main bus line and DLC3 sub bus line may have a disconnection when the resistance between terminals 6 (CANH) and 14 (CANL) of the DLC3 is more than 69 Ω.

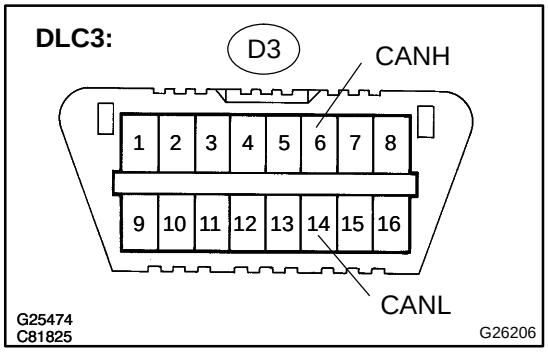
Symptom	Trouble Area
Resistance between terminals 6 (CANH) and 14 (CANL) of DLC3 is more than 69 Ω.	• CAN main bus line • Skid control ECU • Steering sensor

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK DLC3



(a) Measure the resistance according to the value(s) in the table below.

Result:

Tester connection	Condition	Specified value	Result
D3−6 (CANH) − D3−14 (CANL)	IG switch OFF	108 to 132 Ω	A
D3−6 (CANH) − D3−14 (CANL)	IG switch OFF	132 Ω or higher	B

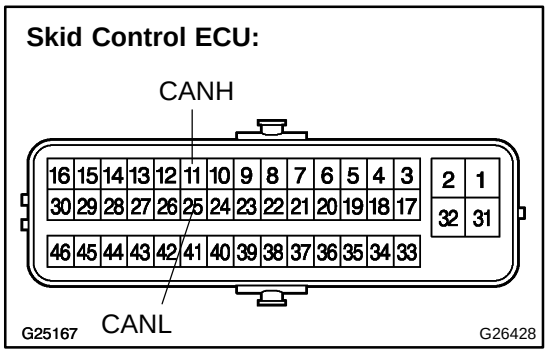
NOTICE:

When the measured value is 132 Ω or more and the CAN communication system diagnostic code is output, there may be a fault besides disconnection of the DLC3 sub bus line. For that reason, troubleshooting should be performed again from "How to proceed with troubleshooting" after repairing the trouble area.

B → **REPAIR OR REPLACE DLC3 SUB BUS LINE OR CONNECTOR (CAN−H, CAN−L)**

A

2 CHECK SKID CONTROL ECU(CANH − CANL)



(a) Disconnect the connector (S1) from the skid control ECU.

(b) Measure the resistance according to the value(s) in the table below.

Standard:

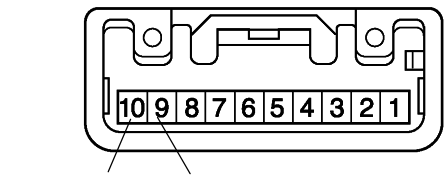
Tester connection	Condition	Specified value
11 (CANH) − 25 (CANL)	IG switch OFF	108 to 132 Ω

NG → **REPLACE SKID CONTROL ECU WITH ACTUATOR (SEE PAGE 32−63)**

OK

3 CHECK STEERING SENSOR(CANH − CANL)

Steering Sensor:



G25475
G24692
G26209

(a) Disconnect the connector (S11) from the steering sensor.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified value
10 (CANH) − 9 (CANL)	IG switch OFF	108 to 132 Ω

NG → **REPLACE STEERING SENSOR (SEE PAGE 32−72)**

OK

REPAIR OR REPLACE CAN MAIN BUS LINE OR CONNECTOR (STEERING SENSOR − SKID CONTROL ECU)