

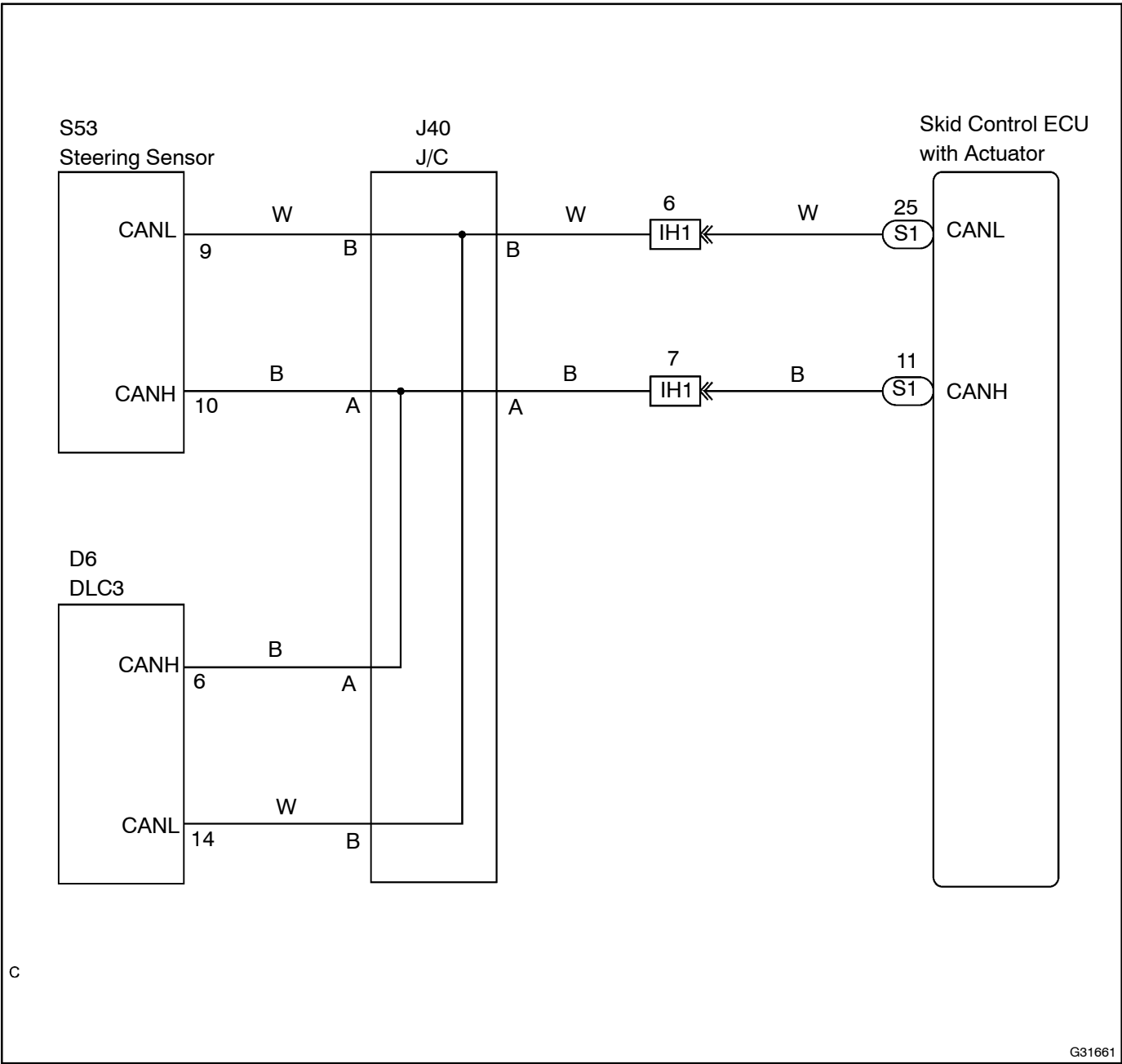
CHECK CAN MAIN BUS LINE FOR DISCONNECTION

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.

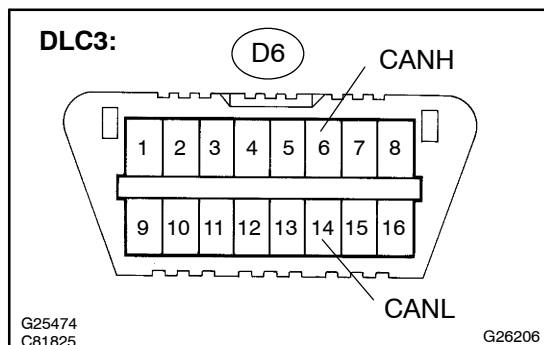
Symptom	Trouble Area
Resistance between terminals 6 (CANH) and 14 (CANL) of DLC3 is more than 69 Ω .	<ul style="list-style-type: none">•CAN main bus line•Skid control ECU•Steering sensor

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
D6-6 (CANH) – D6-14 (CANL)	IG switch OFF	108 to 132 Ω	A
D6-6 (CANH) – D6-14 (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 READ OUTPUT DTC

- (a) Read the output diagnostic codes.

Standard:

U0073/94, U0123/62, U0124/95 and U0126/63 are output simultaneously.	A
Only U0126/63 is output.	B

NOTICE:

Diagnostic codes other than the CAN communication system diagnostic codes (U0073/94, U0123/62, U0124/95, U0126/63) may be output simultaneously with the CAN codes.

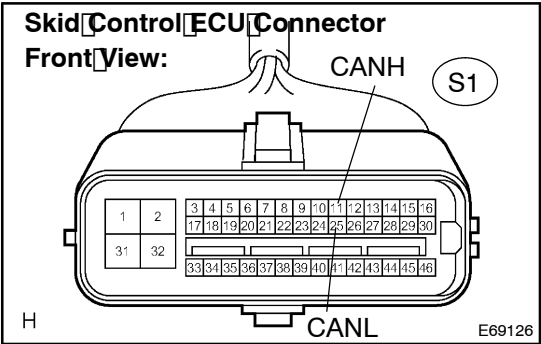
B

Go to step 4

A

3

CHECK CAN MAIN BUS LINE FOR DISCONNECTION (SKID CONTROL ECU - JUNCTION CONNECTOR)



- (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
S1-11 (CANH) - S1-25 (CANL)	IG switch OFF	108 to 132 Ω

NG

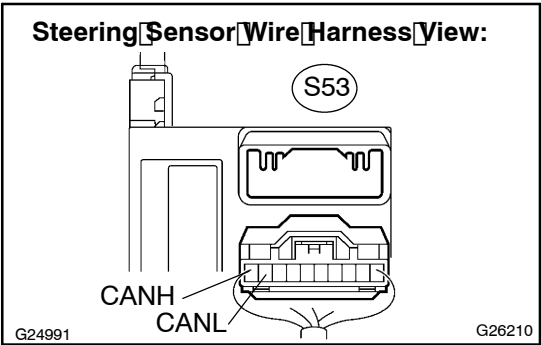
REPAIR OR REPLACE CAN MAIN BUS LINE OR CONNECTOR (SKID CONTROL ECU - JUNCTION CONNECTOR)

OK

REPLACE SKID CONTROL ECU WITH ACTUATOR (SEE PAGE 32-17)

4

CHECK CAN MAIN BUS LINE FOR DISCONNECTION (STEERING SENSOR - JUNCTION CONNECTOR)



- (a) Disconnect the connector (S53) from the steering sensor.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Condition	Specified Value
S53-10 (CANH) - S53-9 (CANL)	IG switch OFF	108 to 132 Ω

NG

REPAIR OR REPLACE CAN MAIN BUS LINE OR CONNECTOR (STEERING SENSOR - JUNCTION CONNECTOR)

OK

REPLACE STEERING SENSOR (SEE PAGE 32-23)