

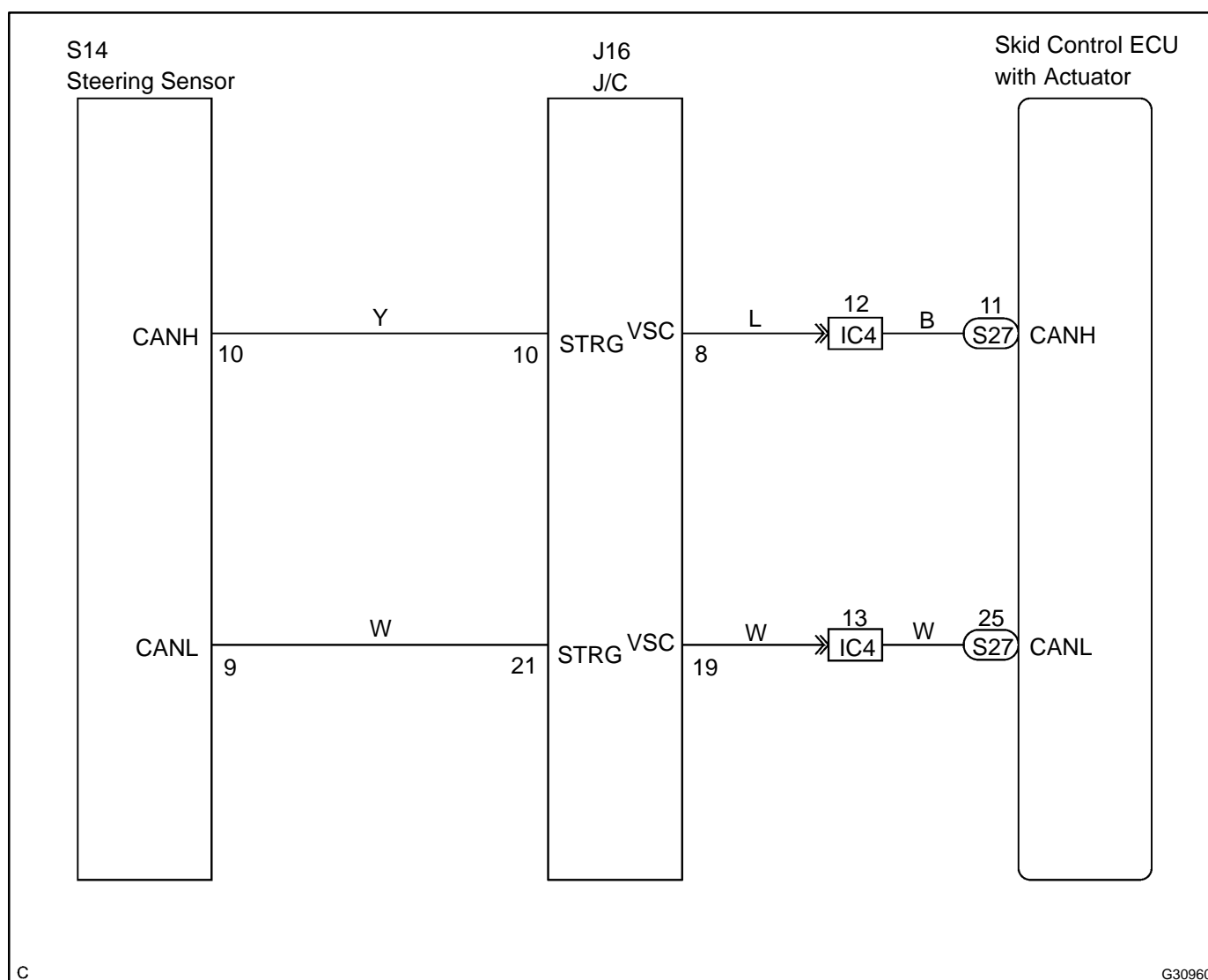
## CHECK CAN MAIN BUS LINE FOR DISCONNECTION

### 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  $\Omega$ .

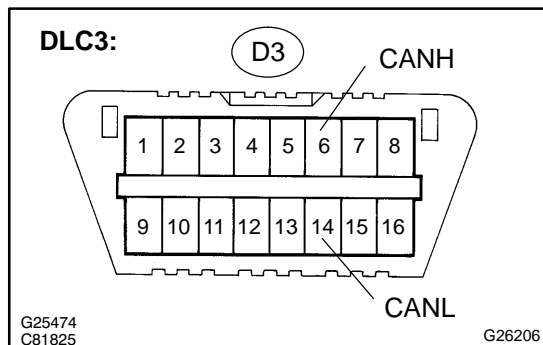
Symptom	Trouble Area
Resistance between terminals 6 (CANH) and 14 (CANL) of DLC3 is more than 69 $\Omega$ .	<ul style="list-style-type: none"> <li>CAN main bus line</li> <li>Skid control ECU</li> <li>Steering sensor</li> </ul>

### WIRING DIAGRAM



## INSPECTION PROCEDURE

## 1 CHECK DLC3



- (a) Turn the ignition switch to the LOCK position.  
 (b) 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)	Ignition SW OFF	108 to 132 $\Omega$	A
D3-6 (CANH) - D3-14 (CANL)	Ignition SW OFF	132 $\Omega$ or more	B

**NOTICE:**

When the measured value is 132  $\Omega$  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**

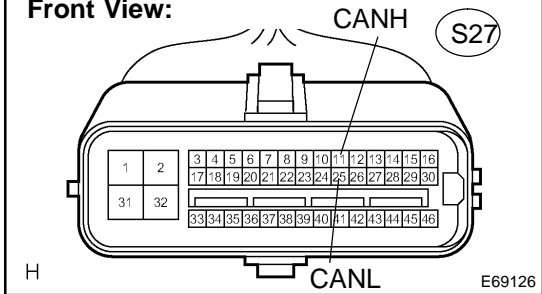
**Go to step 4**

**A**

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

Skid Control ECU Connector  
Front View:



- Disconnect the connector (S27) from the skid control ECU.
- Measure the resistance according to the value(s) in the table below.

#### Standard:

Tester connection	Condition	Specified value
S27-11 (CANH) - S27-25 (CANL)	Ignition SW OFF	108 to 132 Ω

NG

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

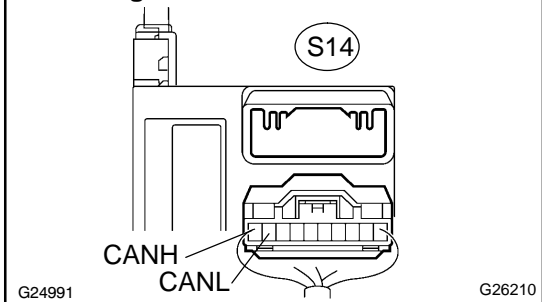
OK

**REPLACE SKID CONTROL ECU WITH ACTUATOR (SEE PAGE 32-37 )**

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

Steering Sensor Wire Harness View:



- Turn the ignition switch to the LOCK position.
- Disconnect the connector (S14) from the steering sensor.
- Measure the resistance according to the value(s) in the table below.

#### Standard:

Tester connection	Condition	Specified value
S14-10 (CANH) - S14-9 (CANL)	Ignition SW 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 32-48 )**