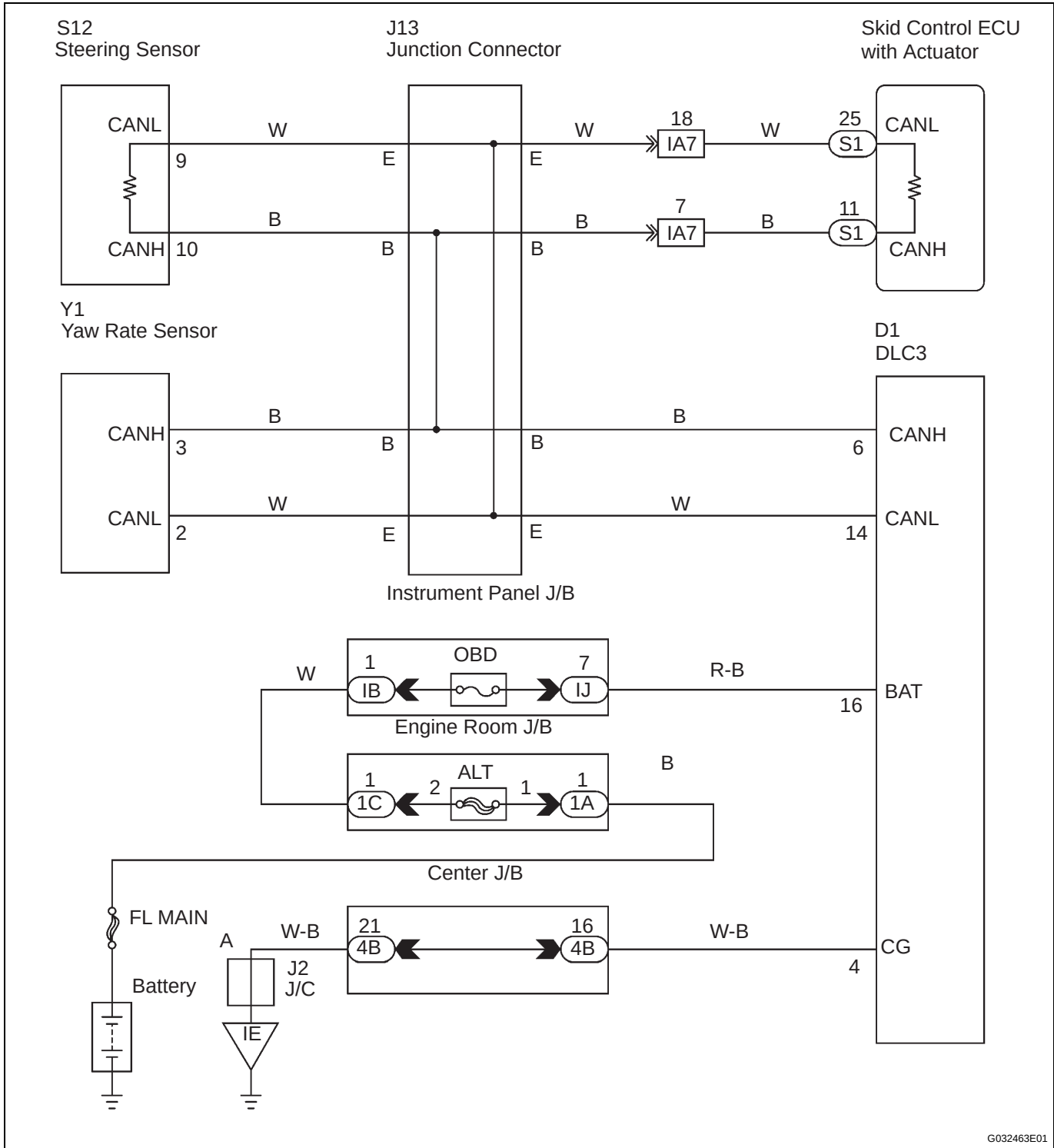


Check CAN Bus Line

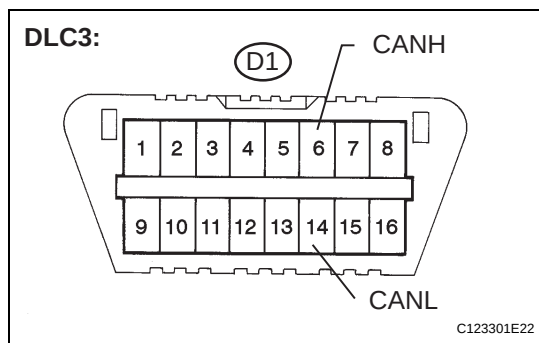
DESCRIPTION

When any DTC for the CAN communication is output, first measure the resistance between the terminals of the DLC3 and the yaw rate sensor connector to specify the trouble area.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK CAN BUS WIRE (MAIN BUS LINE FOR DISCONNECTION, BUS LINES FOR SHORT CIRCUIT)

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

Standard resistance

Tester Connection	Condition	Specified value	Result
D1-6 (CANH) - D1-14 (CANL)	IG switch OFF	54 to 69 Ω	OK
D1-6 (CANH) - D1-14 (CANL)	IG switch OFF	69 Ω higher	NG-A
D1-6 (CANH) - D1-14 (CANL)	IG switch OFF	Below 54 Ω	NG-B

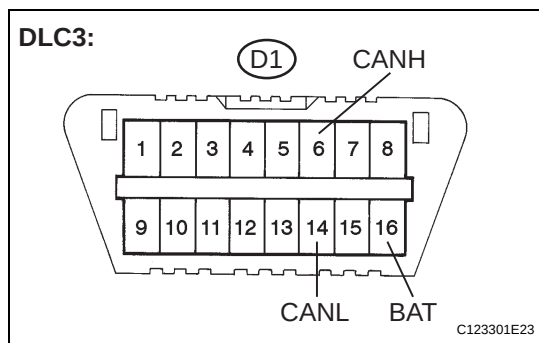
NG-A

CHECK CAN MAIN BUS LINE FOR DISCONNECTION

NG-B

CHECK SHORT IN CAN BUS WIRES

OK

2 CHECK CAN BUS LINE FOR SHORT TO +B

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

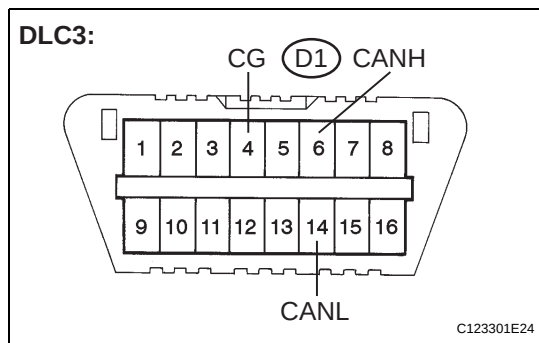
Standard resistance

Tester Connection	Condition	Specified value
D1-6 (CANH) - D1-16 (BAT)	IG switch OFF	6 k Ω or higher
D1-14 (CANL) - D1-16 (BAT)	IG Switch OFF	6 k Ω or higher

NG

CHECK CAN BUS LINE FOR SHORT TO +B

OK

3 CHECK CAN BUS LINE FOR SHORT TO GND

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

Standard resistance

Tester Connection	Condition	Specified value
D1-4 (CG) - D1-6 (CANH)	IG switch OFF	200 Ω or higher
D1-4 (CG) - D1-14 (CANL)	IG Switch OFF	200 Ω or higher

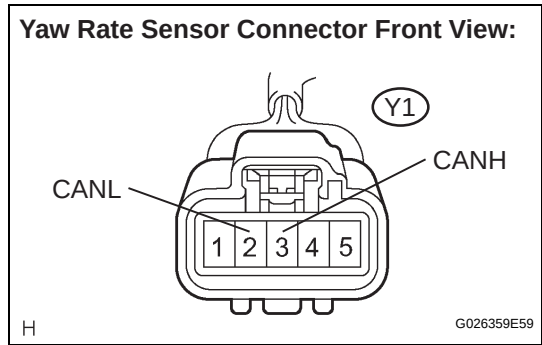
NG

CHECK CAN BUS LINE FOR SHORT TO GND

CA

OK

4 CHECK CAN BUS WIRE (YAW RATE SENSOR SUB BUS LINE)



- (a) Disconnect the connector (Y1) from the yaw rate sensor.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified value
Y1-2 (CANL) - Y1-3 (CANH)	IG switch OFF	54 to 69 Ω

NG

REPAIR OR REPLACE YAW RATE SENSOR OR SUB BUS LINE OR CONNECTOR (CAN-H, CAN-L)

OK

GO TO HOW TO PROCEED WITH TROUBLESHOOTING