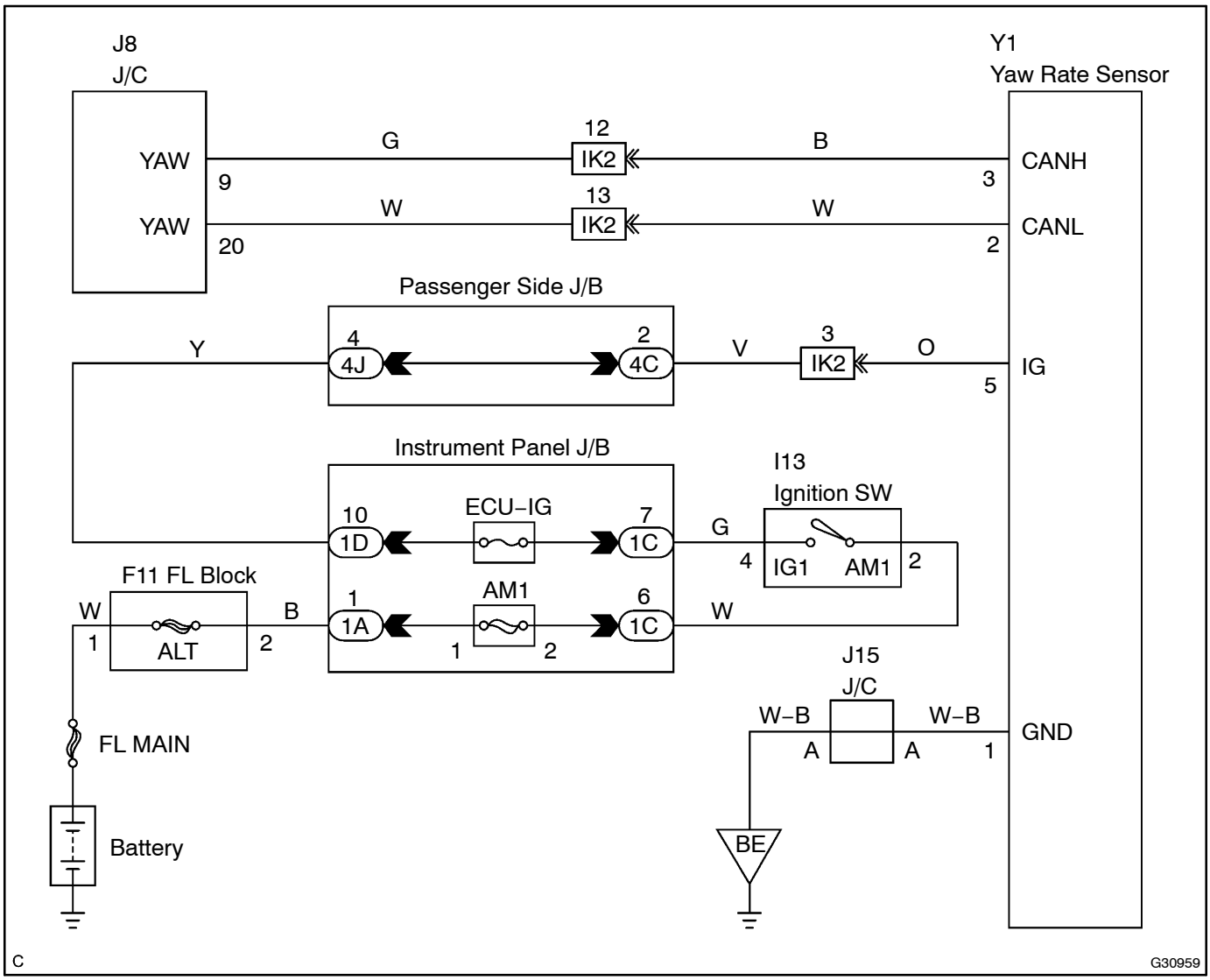
YAW RATE SENSOR COMMUNICATION STOP MODE

CIRCUIT DESCRIPTION

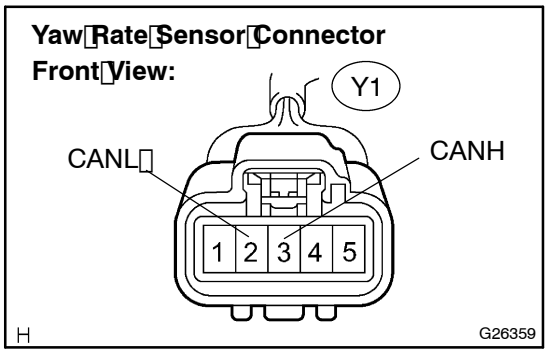
DTC No.	DTC Detecting Condition	Trouble Area
U0123/62	• When ECU terminal IG1 voltage is 9.5 V or more, data is not received from the yaw rate sensor for more than 1 sec. • When ECU terminal IG1 voltage is 9.5 V or more, data can not be received from the yaw rate sensor more than once within 5 sec .This situation repeatedly occurs more than 10 times.	• Yaw rate sensor • Yaw rate sensor sub bus line • Power source of yaw rate sensor
U0124/95	• When ECU terminal IG1 voltage is 9.5 V or more, data is not received from the deceleration the sensor for more than 1 sec. • When ECU terminal IG1 voltage is 9.5 V or more, data can not be received from the deceleration sensor more than once within 5 sec. This situation repeatedly occurs more than 10 times.	• Yaw rate sensor • Yaw rate sensor sub bus line • Power source of yaw rate sensor

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK CAN BUS LINE FOR DISCONNECTION (YAW RATE SENSOR SUB BUS LINE)



(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the connector (Y1) from the yaw rate sensor.
(c) Measure the resistance according to the value(s) in the table below.

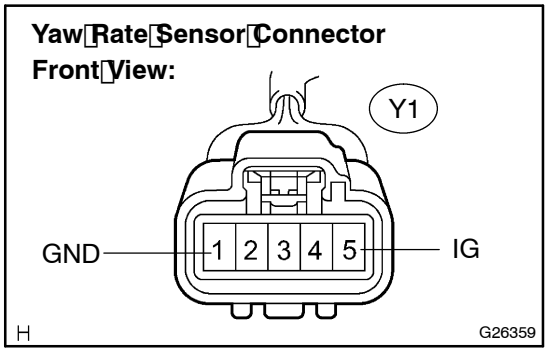
Standard:

Tester connection	Condition	Specified value
Y1–2 (CANL) – Y1–3 (CANH)	IG Switch OFF	54 to 67 Ω

NG → **REPAIR OR REPLACE YAW RATE SENSOR SUB BUS LINE OR CONNECTOR (CANH, CANL)**

OK

2	CHECK WIRE HARNESS (IG,GND)



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

Standard:

Tester connection	Condition	Specified value
Y1–1 (GND) – Body ground	Always	Below 1 Ω

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

Standard:

Tester connection	Condition	Specified value
Y1–5 (IG) – Body ground	IG Switch OFF	10 to 14 V

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

REPLACE YAW RATE SENSOR (SEE PAGE 32–51)