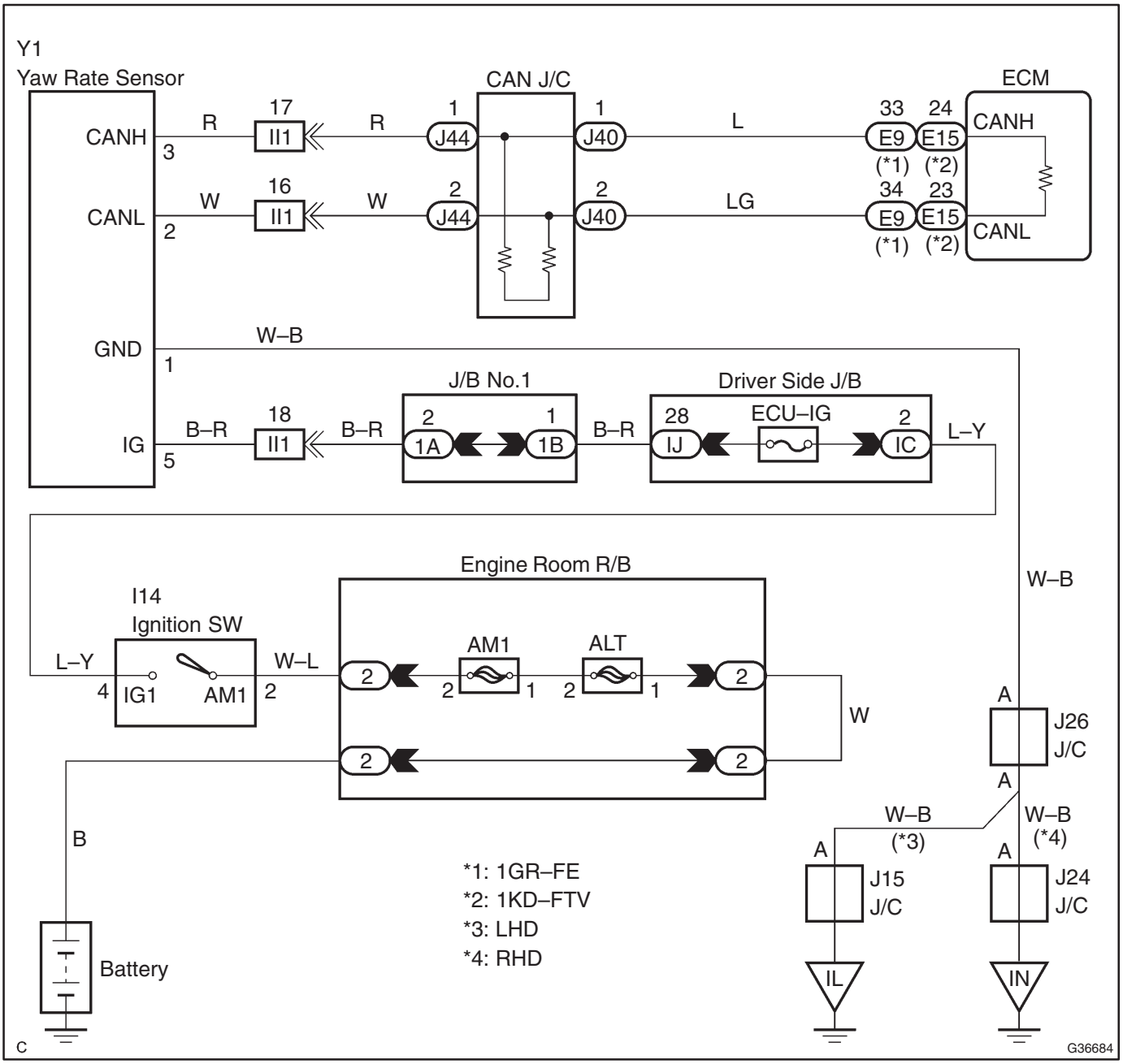
YAW RATE SENSOR COMMUNICATION STOP MODE

MODE DESCRIPTION

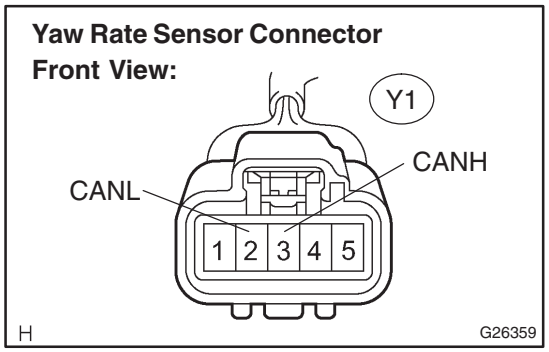
Detection Item	Symptom	Trouble Area
YAW RATE SENSOR COMMUNICATION STOP MODE	• ”Yaw Rate/Deceleration Sensor” is not displayed on the ”Communication Bus Check” screen of the intelligent tester II. • Applies to ”YAW RATE SENSOR COMMUNICATION STOP MODE” in the ”DTC COMBINATION TABLE” (see page 05–1436).	• Power source or inside the yaw rate sensor • Yaw rate sensor sub bus line or connector

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 yaw rate sensor connector (Y1).
(c) Measure the resistance according to the value(s) in the table below.

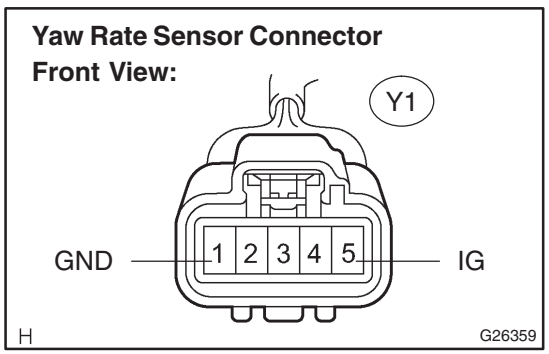
Standard:

Tester connection	Condition	Specified value
Y1–2 (CANL) – Y1–3 (CANH)	• IG switch OFF • Stop light switch OFF	54 to 69 Ω

NG → **REPAIR OR REPLACE YAW RATE SENSOR SUB BUS LINE OR CONNECTOR (CAN–H, CAN–L)**

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 ON	10 to 14 V

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

OK

REPLACE YAW RATE SENSOR (SEE PUB. No. RM990E, PAGE 32–91)