YAW RATE SENSOR COMMUNICATION STOP MODE

MODE DESCRIPTION

| Detection Item	Symptom	Trouble Area
YAW RATE SEN-SOR COMMU-NICATION 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 05–3309).	• Power source or inside the yaw rate sensor • Yaw rate sensor sub bus line or connector

WIRING DIAGRAM

G30881

RHD:

G30881
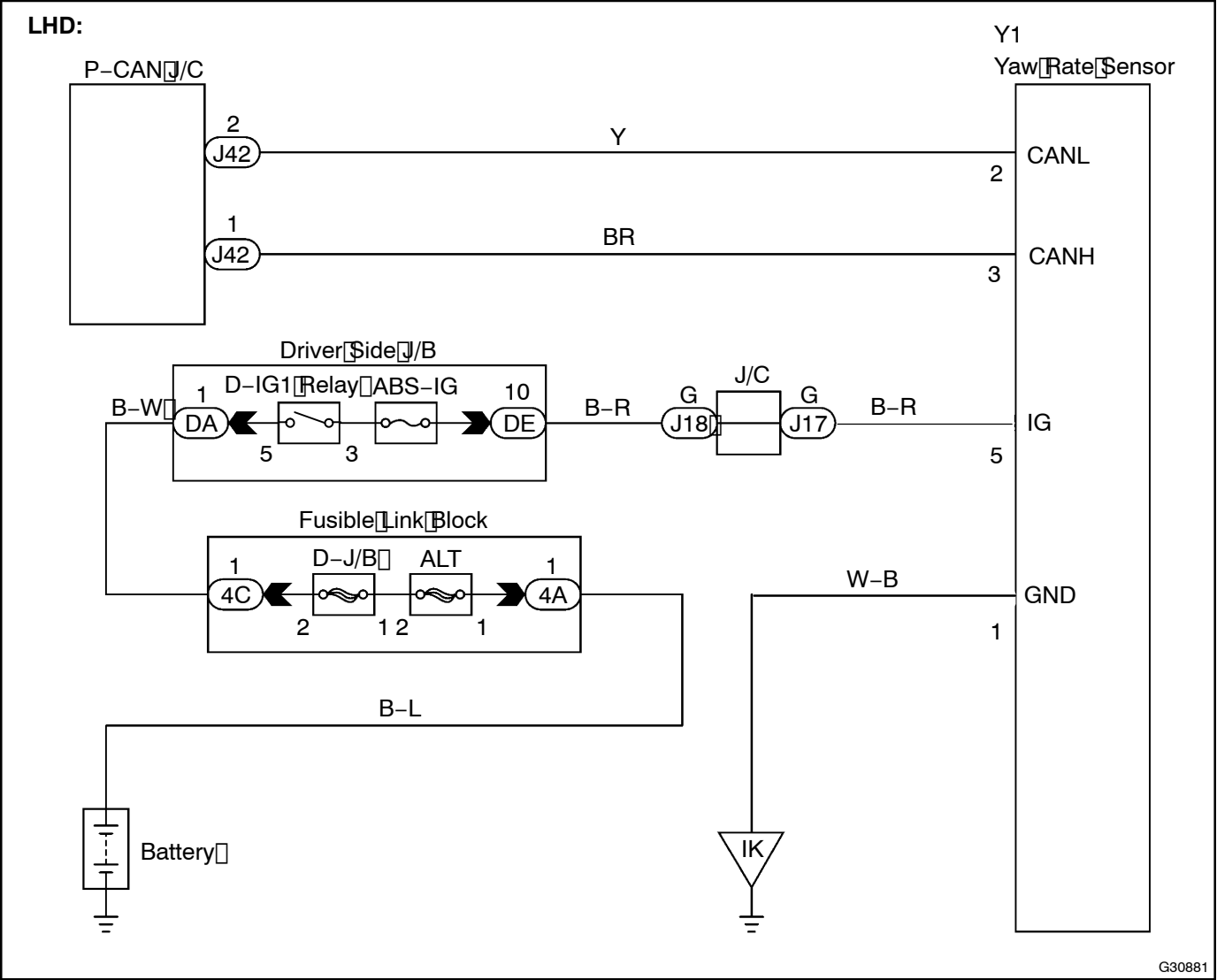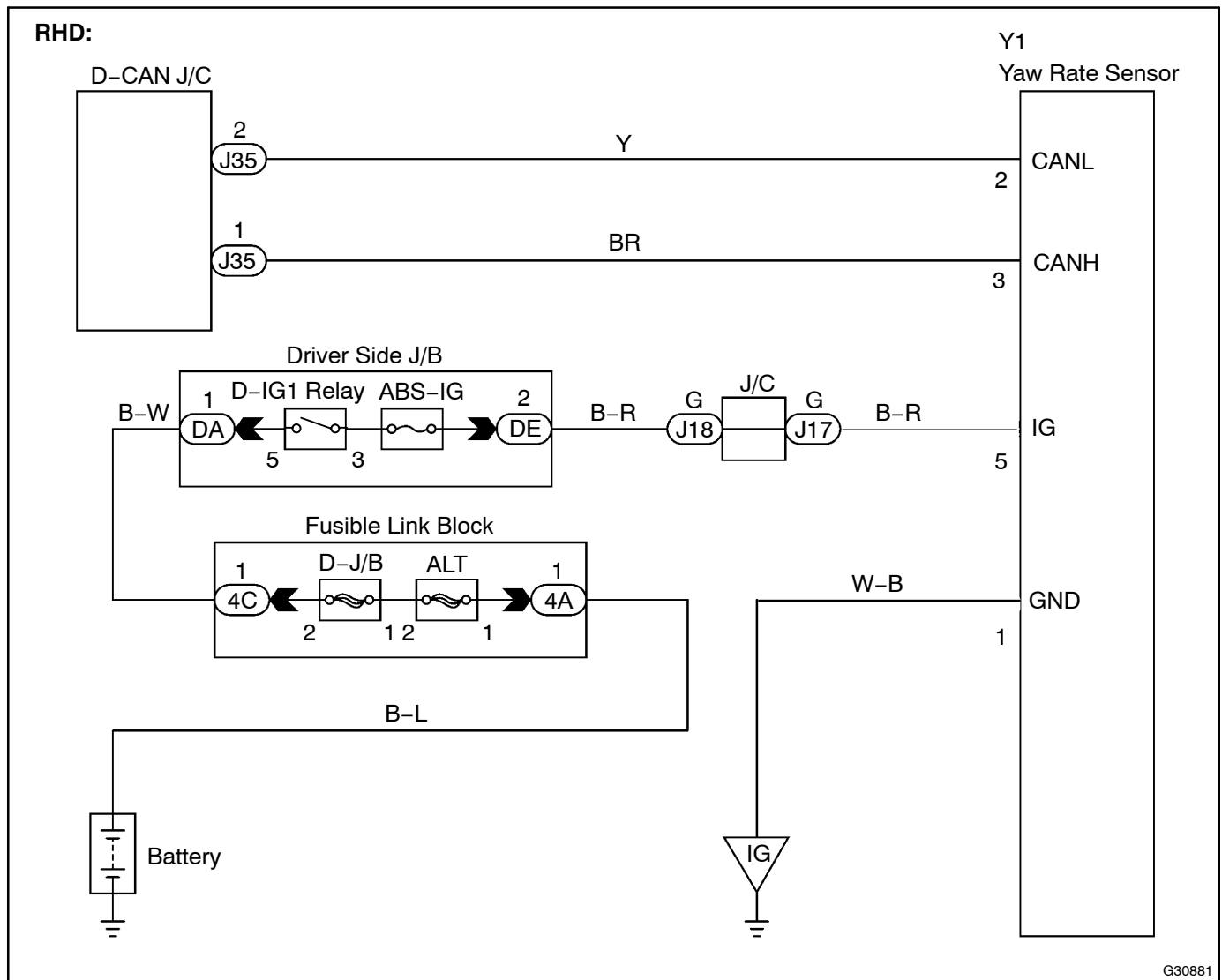
INSPECTION PROCEDURE

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

Yaw Rate Sensor Connector Front View:

Y1

CANL   CANH

1 2 3 4 5

H   G26359
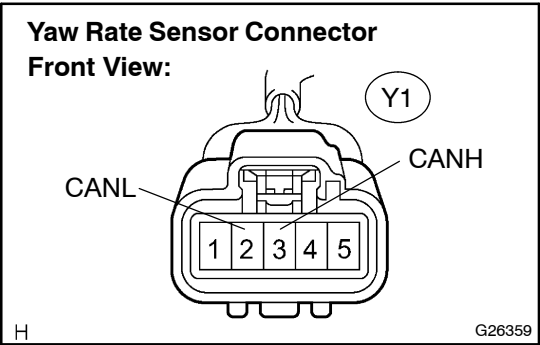
(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the yaw rate sensor connector (Y1).
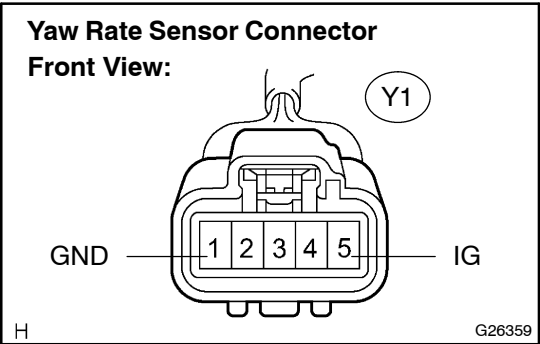(c) Measure the resistance according to the value(s) in the table below.
Standard:

Tester connection	Condition	Specified value
Y1–2 (CANL) – Y1–3 (CANH)	Ignition 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)

Yaw Rate Sensor Connector Front View:

Y1

GND   1 2 3 4 5   IG

H   G26359

(a) Measure the resistance according to the value(s) in the table below.
(b) Measure the voltage according to the value(s) in the table below.
Standard:

Tester connection	Condition	Specified condition
Y1–1 (GND) – Body ground	Always	Below 1 Ω
Y1–5 (IG) – Body ground	Ignition Switch ON	10 to 14 V

NG	REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE YAW RATE SENSOR (SEE PAGE 32–63)