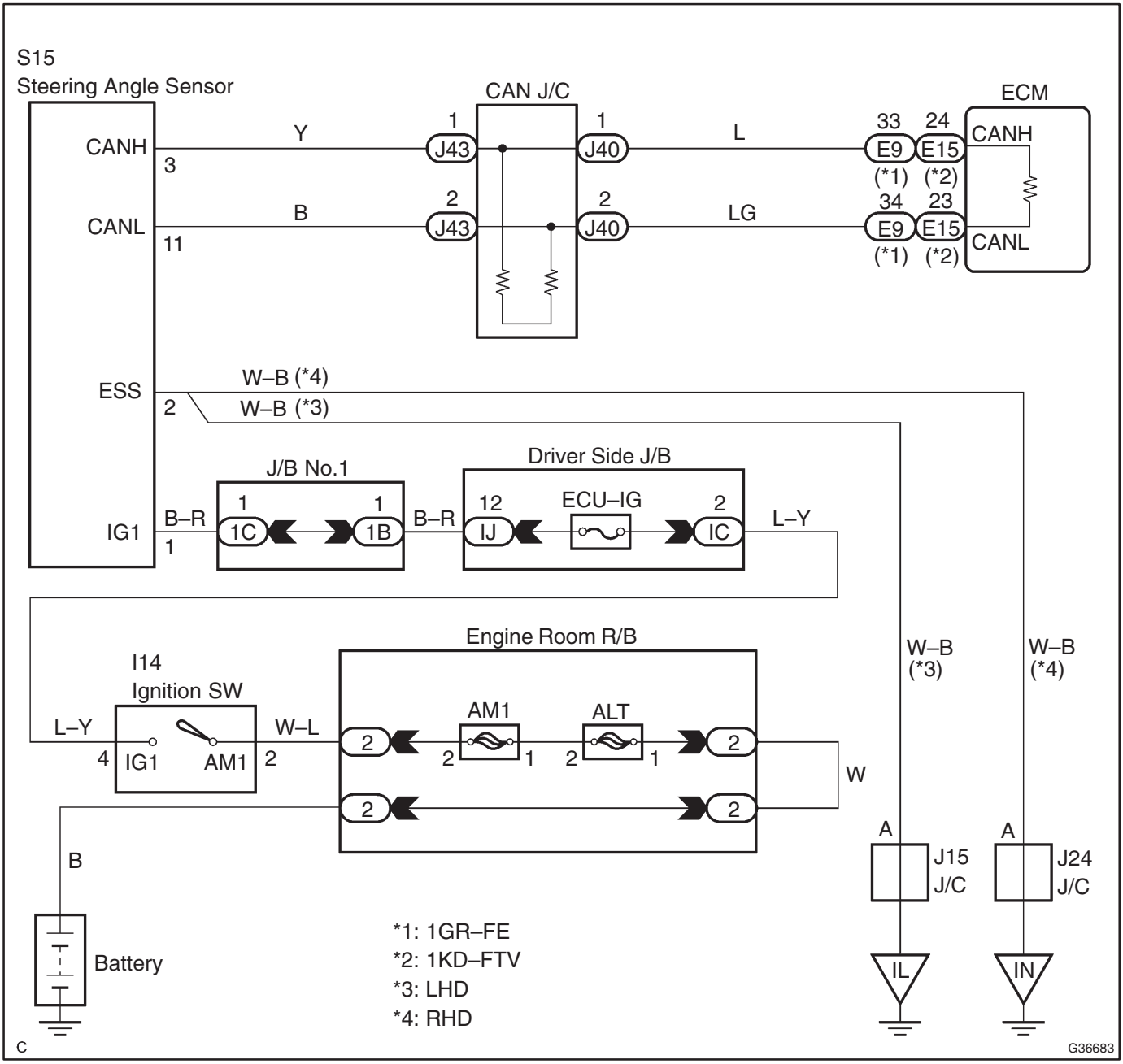
STEERING ANGLE SENSOR COMMUNICATION STOP MODE

MODE DESCRIPTION

Detection Item	Symptom	Trouble Area
STEERING ANGLE SENSOR COMMUNICATION STOP MODE	• "Steering Angle Sensor" is not displayed on the "Communication Bus Check" screen of the intelligent tester II. • Applies to "STEERING ANGLE SENSOR COMMUNICATION STOP MODE" in the "DTC COMBINATION TABLE"(see page 05–1436).	• Power source or inside the steering angle sensor • Steering angle sensor sub bus line or connector

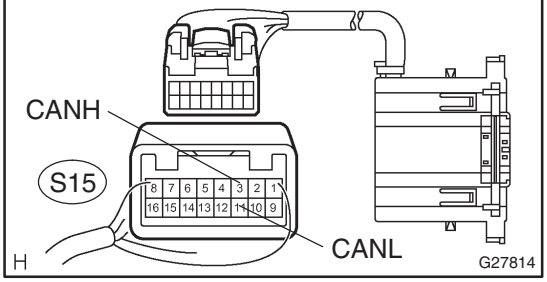
WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK CAN BUS LINE FOR DISCONNECTION(STEERING ANGLE SENSOR SUB BUS LINE)

Steering Angle Sensor
Wire Harness View:



(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the steering angle sensor connector (S15).
(c) Measure the resistance according to the value(s) in the table below.

Standard:

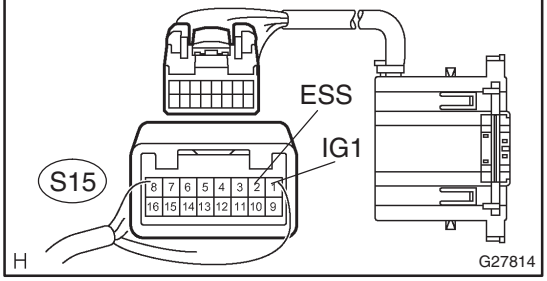
Tester connection	Condition	Specified value
S15–3 (CANH) – S15–11 (CANL)	• IG switch OFF • Stop light switch OFF	54 to 69 Ω

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

OK

2	CHECK WIRE HARNESS(IG1, ESS)

Steering Angle Sensor
Wire Harness View:



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

Standard:

Tester connection	Condition	Specified value
S15–2 (ESS) – 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
S15–1 (IG1) – Body ground	IG switch ON	10 to 14 V

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

OK

REPLACE STEERING ANGLE SENSOR (SEE PAGE 32–26)