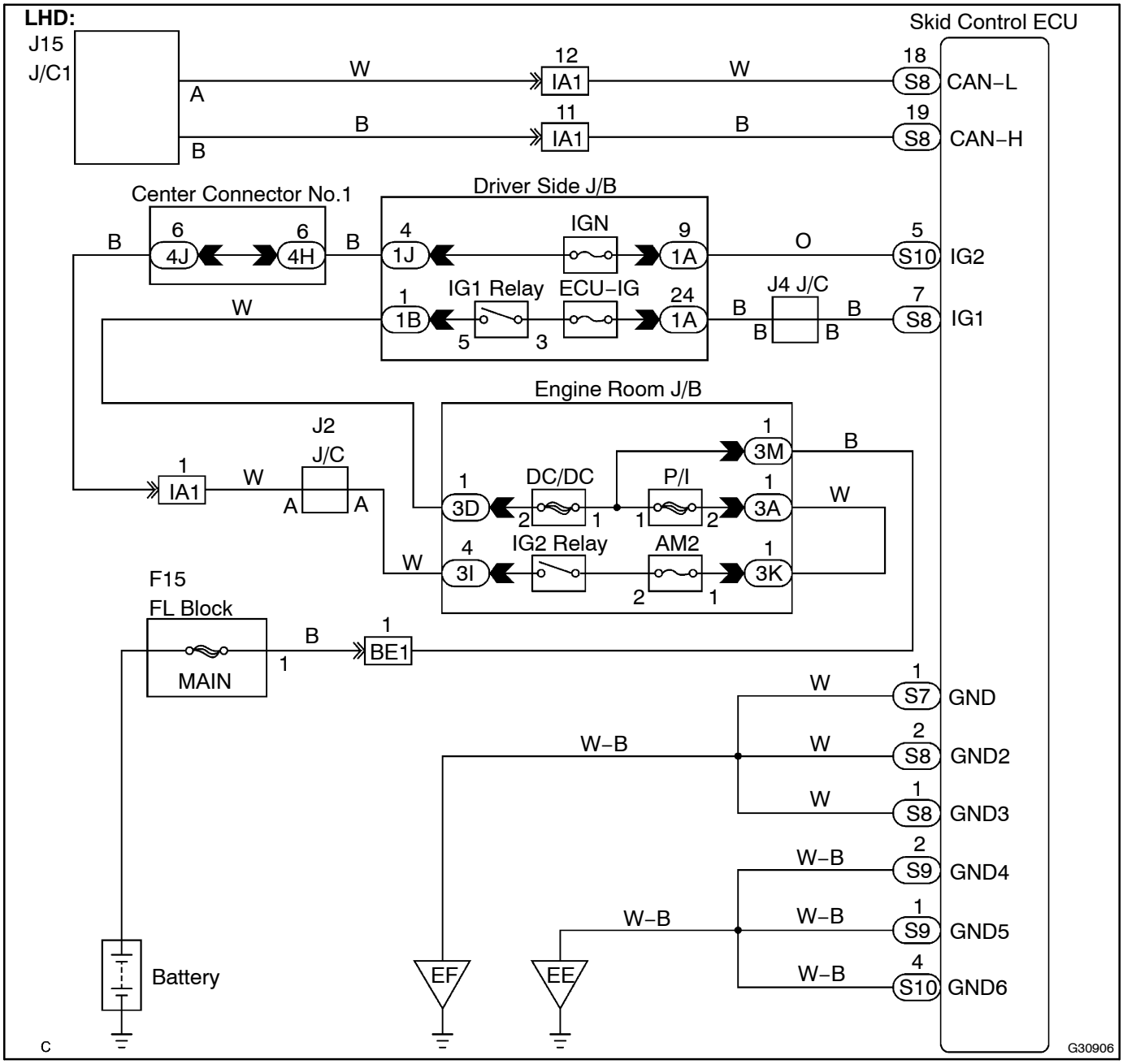
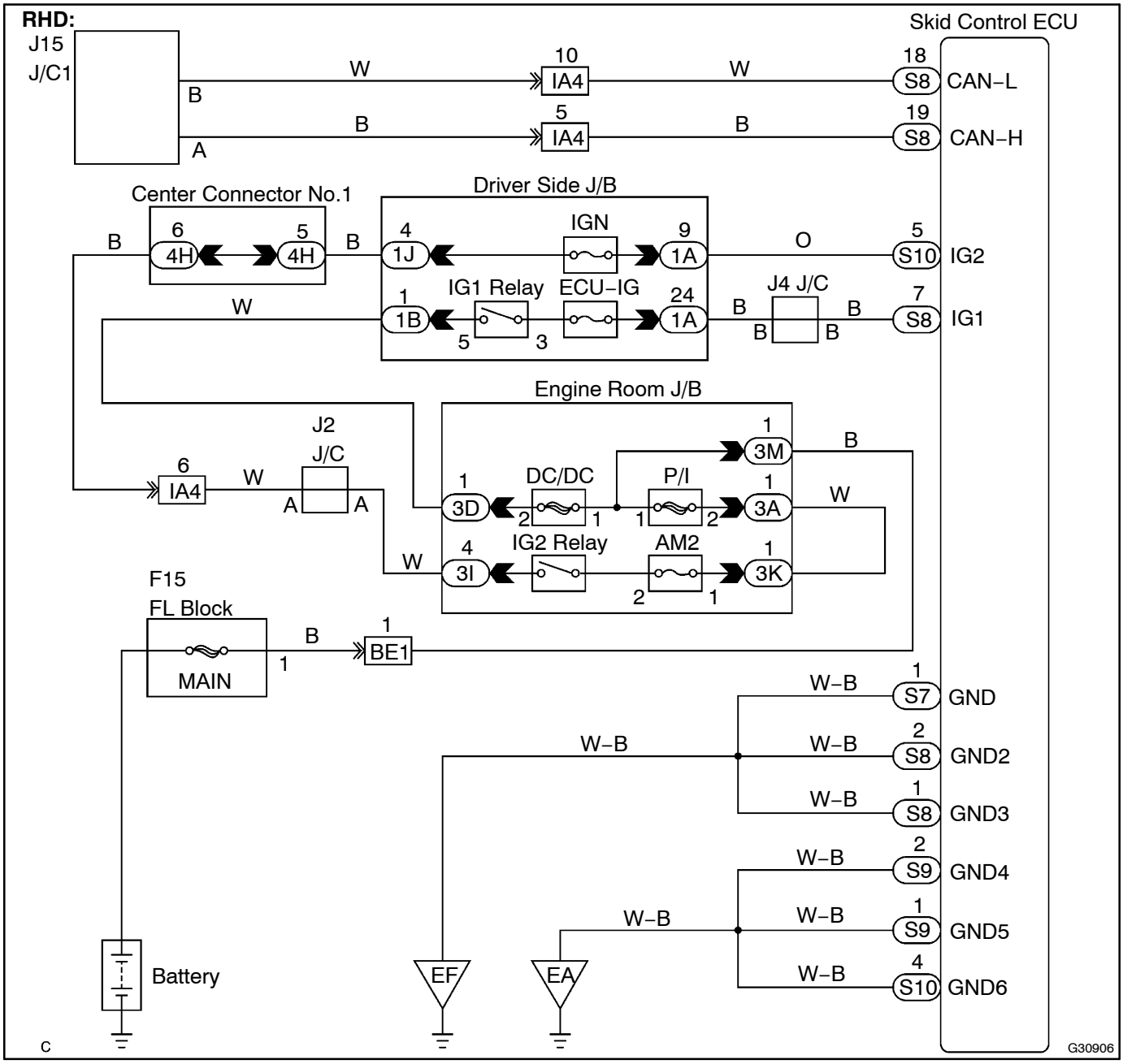
SKID CONTROL ECU COMMUNICATION STOP MODE

MODE DESCRIPTION

Detection Item	Symptom	Trouble Area
SKID CONTROL ECU COMMUNICATION STOP MODE	• "ABS & VSC & TRC" is not displayed on the "Communication Bus Check" screen of the intelligent tester II. • Applies to "SKID CONTROL ECU COMMUNICATION STOP MODE" in the "DTC COMBINATION TABLE" (see page 05–2315).	• Power source or inside the skid control ECU • Skid control ECU sub bus line or connector

WIRING DIAGRAM

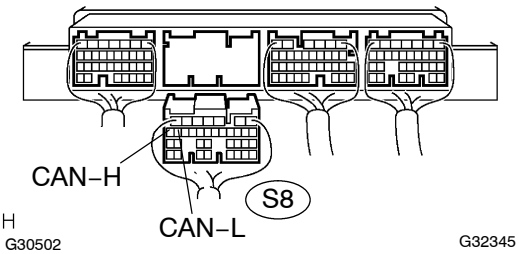



RHD:
Skid Control ECU
J15
J/C1
W
B
A
10
IA4
W
18
S8
CAN–L
B
5
IA4
B
19
S8
CAN–H
Center Connector No.1
Driver Side J/B
6
4H
5
4H
B
B
4
1J
IGN
9
1A
O
5
S10
IG2
1
1B
IG1 Relay
ECU–IG
24
1A
5
3
J4 J/C
B
B
B
B
7
S8
IG1
W
Engine Room J/B
J2
J/C
6
IA4
W
A
A
1
3M
B
1
3D
DC/DC
2
1
P/I
1
2
1
3A
W
4
3I
IG2 Relay
W
AM2
2
1
1
3K
F15
FL Block
MAIN
B
1
1
BE1
W–B
1
S7
GND
W–B
W–B
2
S8
GND2
W–B
1
S8
GND3
W–B
2
S9
GND4
W–B
W–B
1
S9
GND5
W–B
4
S10
GND6
Battery
EF
EA
C
G30906

INSPECTION PROCEDURE

1	CHECK CAN BUS LINE FOR DISCONNECTION(SKID CONTROL ECU SUB BUS LINE)

Skid Control ECU
Wire Harness View:



(a) Turn the power switch off.
(b) Disconnect the skid control ECU connector (S8).
(c) Measure the resistance according to the value(s) in the table below.

Standard:

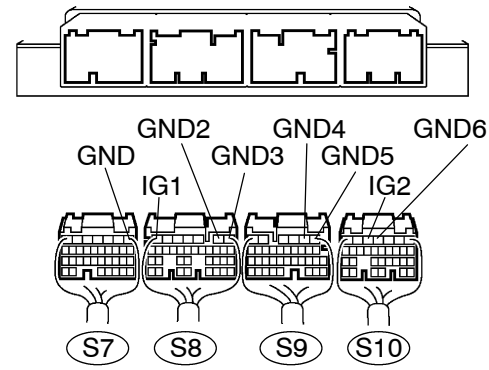
Tester connection	Condition	Specified value
S8–19 (GAN–H) – S8–18 (CAN–L)	Power Switch OFF	54 to 69 Ω

NG → **REPLACE SKID CONTROL ECU SUB BUS LINE OR CONNECTOR (CAN–H, CAN–L)**

OK

2	CHECK WIRE HARNESS(IG1,IG2,GND,GND2,GND3,GND4,GND5,GND6)

Skid Control ECU Wire Harness View:



(a) Disconnect the skid control ECU connectors (S7), (S9), and (S10).
(b) Measure the resistance according to the value(s) in the table below.
(c) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified value
S7–1 (GND) – Body ground	Always	Below 1 Ω
S8–1 (GND3) – Body ground	Always	Below 1 Ω
S8–2 (GND2) – Body ground	Always	Below 1 Ω
S9–1 (GND5) – Body ground	Always	Below 1 Ω
S9–2 (GND4) – Body ground	Always	Below 1 Ω
S10–4 (GND6) – Body ground	Always	Below 1 Ω
S8–7 (IG1) – Body ground	Power Switch ON (IG)	10 to 14 V
S10–5 (IG2) – Body ground	Power Switch ON (IG)	10 to 14 V

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

OK

REPLACE SKID CONTROL ECU ASSY (SEE PAGE 32–81 OR 32–82)