SUSPENSION CONTROL ECU COMMUNICATION STOP MODE

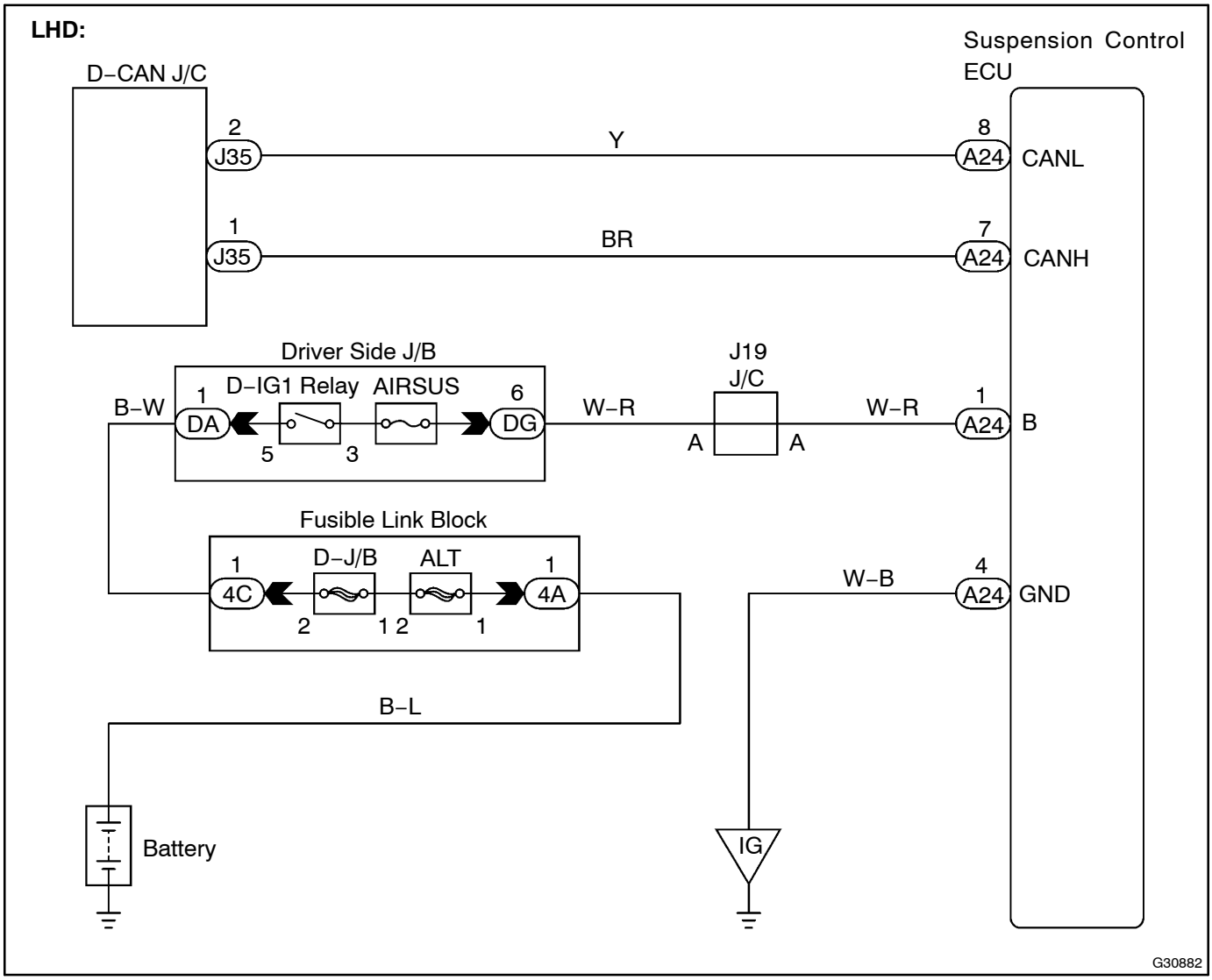
MODE DESCRIPTION

Detection Item	Symptom	Trouble Area
SUSPENSION CONTROL ECU COMMUNICATION STOP MODE	• ”Air Suspension ” is not displayed on the ”Communication Bus Check” screen of the intelligent tester II. • Applies to ”SUSPENSION CONTROL ECU COMMUNICATION STOP MODE” in the ”DTC COMBINATION TABLE”[(see page 05–3309).	• Power source or inside the suspension control ECU • Suspension control ECU sub bus line or connector

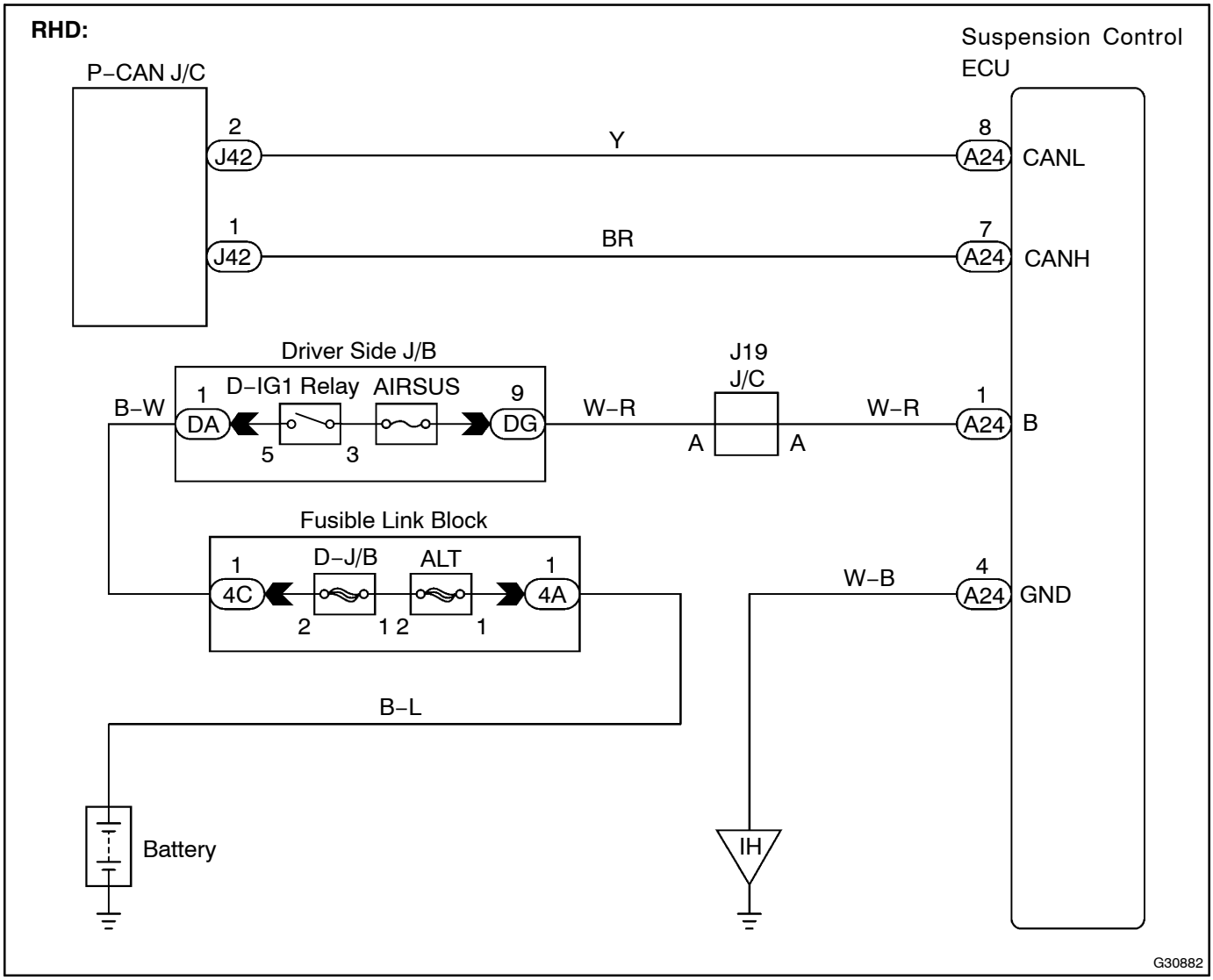
NOTICE:

This is not applicable to a vehicle without an air suspension system.

WIRING DIAGRAM



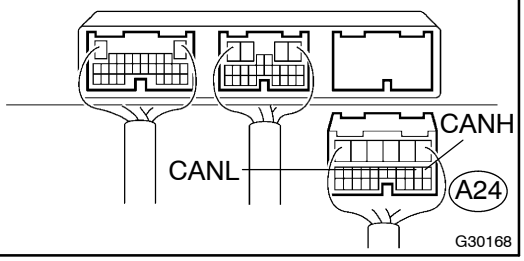
RHD:


Suspension Control ECU
P–CAN J/C
2
J42
Y
8
A24
CANL
1
J42
BR
7
A24
CANH
Driver Side J/B
D–IG1 Relay
AIRSUS
1
DA
5
3
9
DG
B–W
W–R
J19 J/C
A
A
W–R
1
A24
B
Fusible Link Block
D–J/B
ALT
1
4C
2
1 2
1
1
4A
W–B
4
A24
GND
B–L
Battery
IH
G30882

INSPECTION PROCEDURE

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

Suspension Control ECU Wire Harness View:



(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the suspension control ECU connector (A24).
(c) Measure the resistance according to the value(s) in the table below.

Standard:

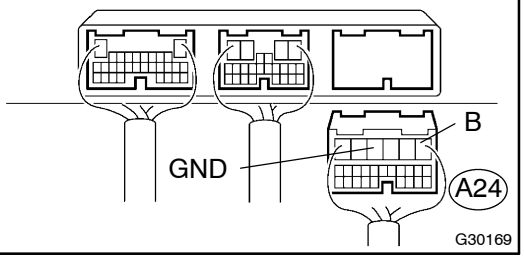
Tester connection	Condition	Specified value
A24–7 (CANH) – A24–8 (CANL)	Ignition Switch OFF	54 to 69 Ω

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

OK

2	CHECK WIRE HARNESS(B, GND)

Suspension Control ECU Wire Harness View:



(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 value
A24–4 (GND) – Body ground	Always	Below 1 Ω
A24–1 (B) – Body ground	Ignition Switch ON	10 to 14 V

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

OK

REPLACE SUSPENSION CONTROL ECU (SEE PAGE 25–20)