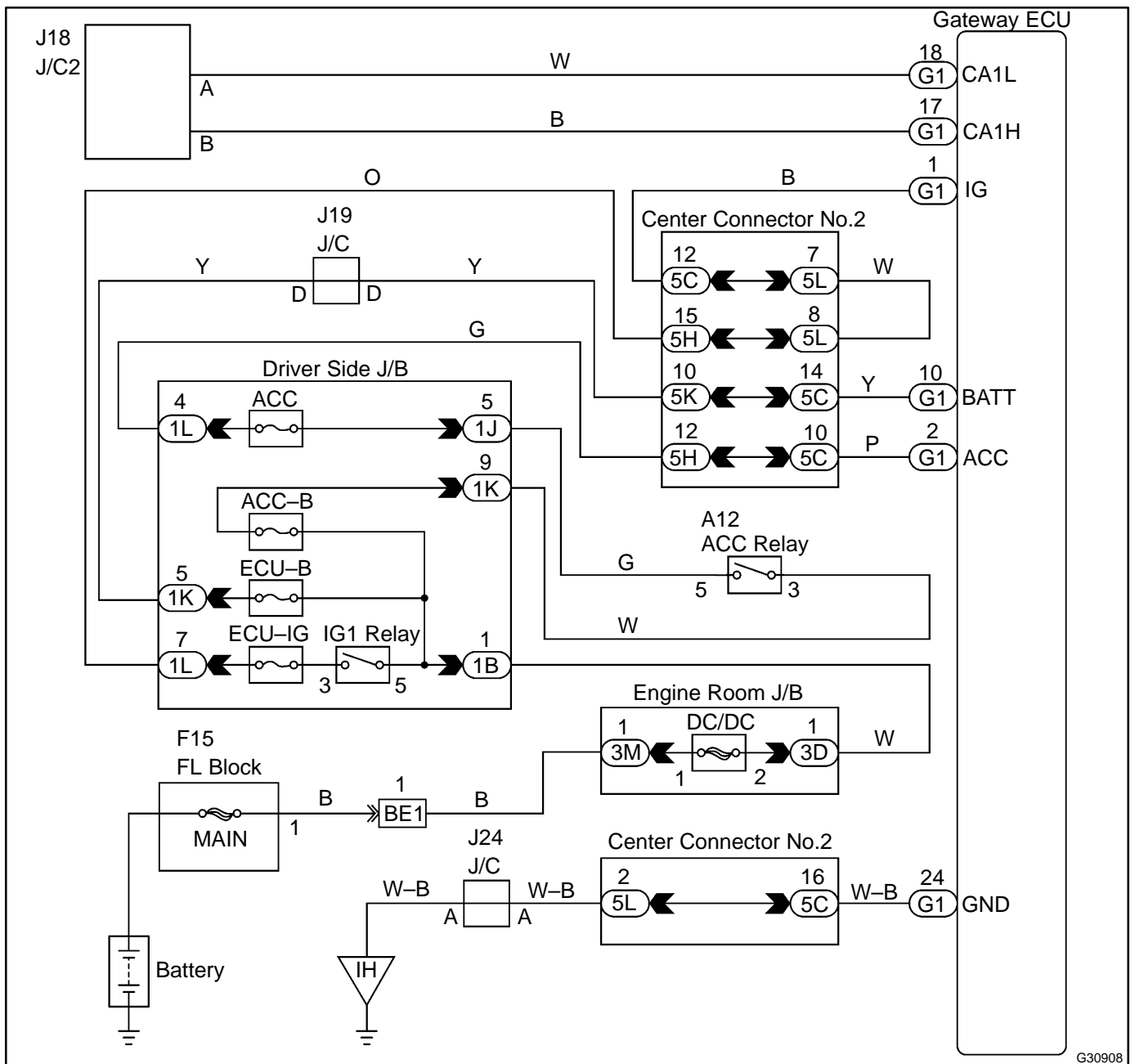


# GATEWAY ECU COMMUNICATION STOP MODE

## MODE DESCRIPTION

Detection Item	Symptom	Trouble Area
GATEWAY ECU COMMUNICATION STOP MODE	<ul style="list-style-type: none"> <li>"BODY/GATEWAY" is not displayed on the "BUS CHECK" screen of the hand-held tester.</li> <li>Applies to "GATEWAY ECU COMMUNICATION STOP MODE" in the "DTC COMBINATION TABLE" (see page 05-2605).</li> </ul>	<ul style="list-style-type: none"> <li>Power source or inside the gateway ECU</li> <li>Gateway ECU sub bus line or connector</li> </ul>

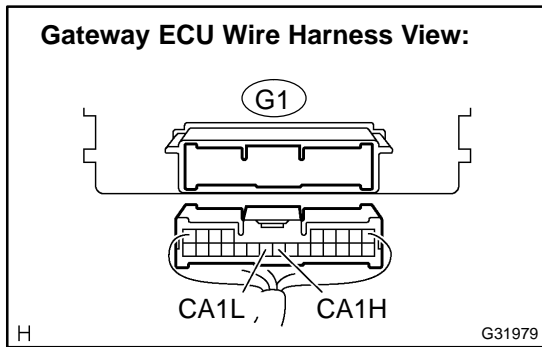
## WIRING DIAGRAM



G30908

# INSPECTION PROCEDURE

## 1 CHECK CAN BUS LINE FOR DISCONNECTION(GATEWAY ECU SUB BUS LINE)



- (a) Turn the power switch off.
- (b) Disconnect the gateway ECU connector (G1).
- (c) Measure the resistance according to the value(s) in the table below.

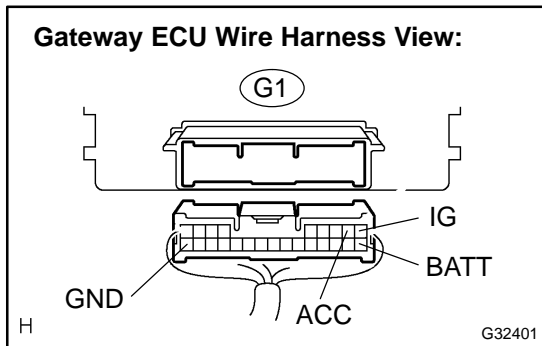
**Standard:**

Tester connection	Condition	Specified value
G1-17 (CA1H) - G1-18 (CA1L)	Power Switch OFF	54 to 69 Ω

**NG** → **REPLACE GATEWAY ECU SUB BUS LINE OR CONNECTOR (CAN-H, CAN-L)**

**OK**

## 2 CHECK WIRE HARNESS(BATT,ACC,IG,GND)



- (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
G1-24 (GND) - Body ground	Always	Below 1 Ω
G1-10 (BATT) - Body ground	Always	10 to 14 V
G1-2 (ACC) - Body ground	Power Switch ON (ACC)	10 to 14 V
G1-1 (IG) - Body ground	Power Switch ON (IG)	10 to 14 V

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

**OK**

## REPLACE GATEWAY ECU (SEE PAGE 67-26)