

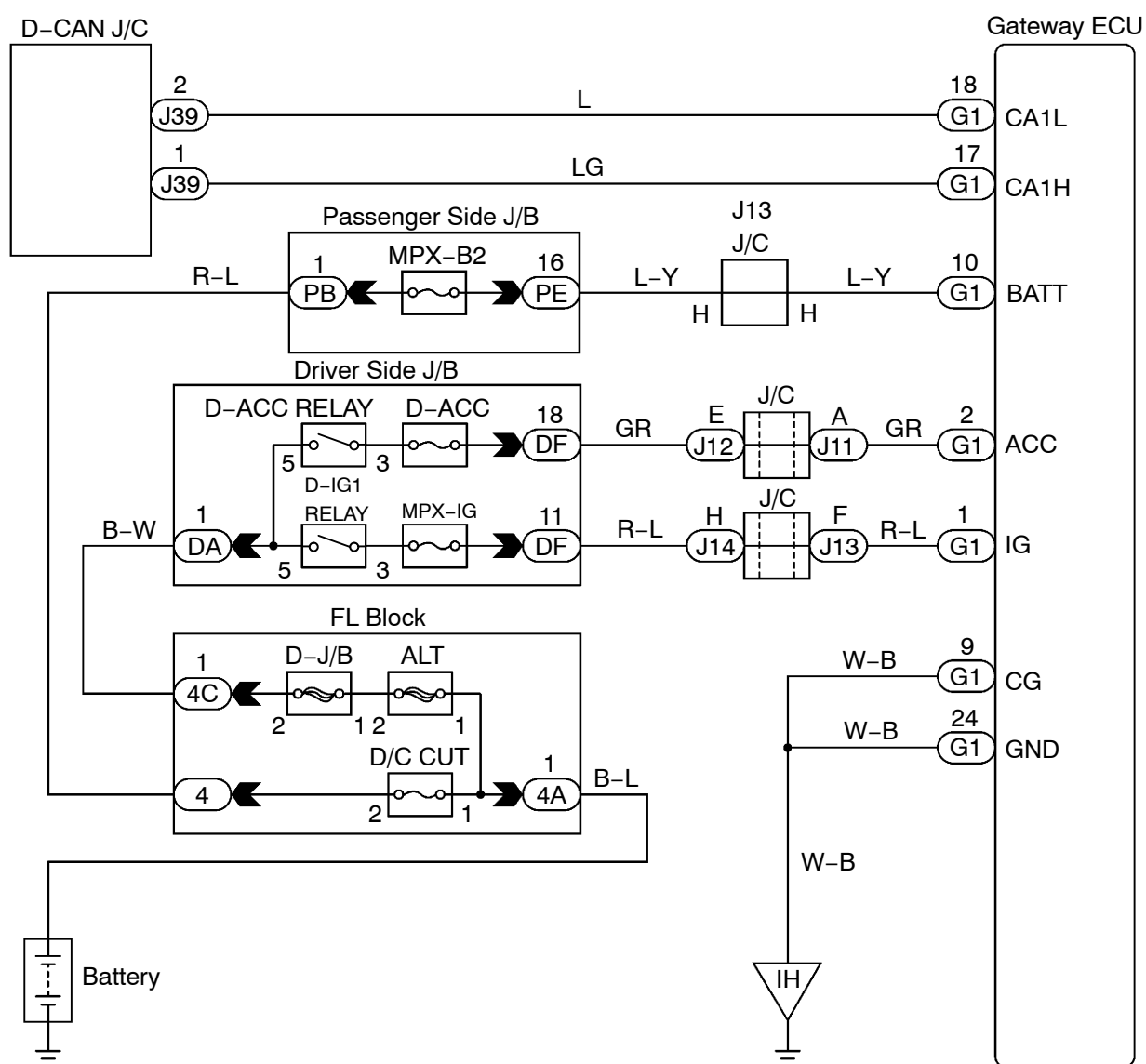
GATEWAY ECU COMMUNICATION STOP MODE

MODE DESCRIPTION

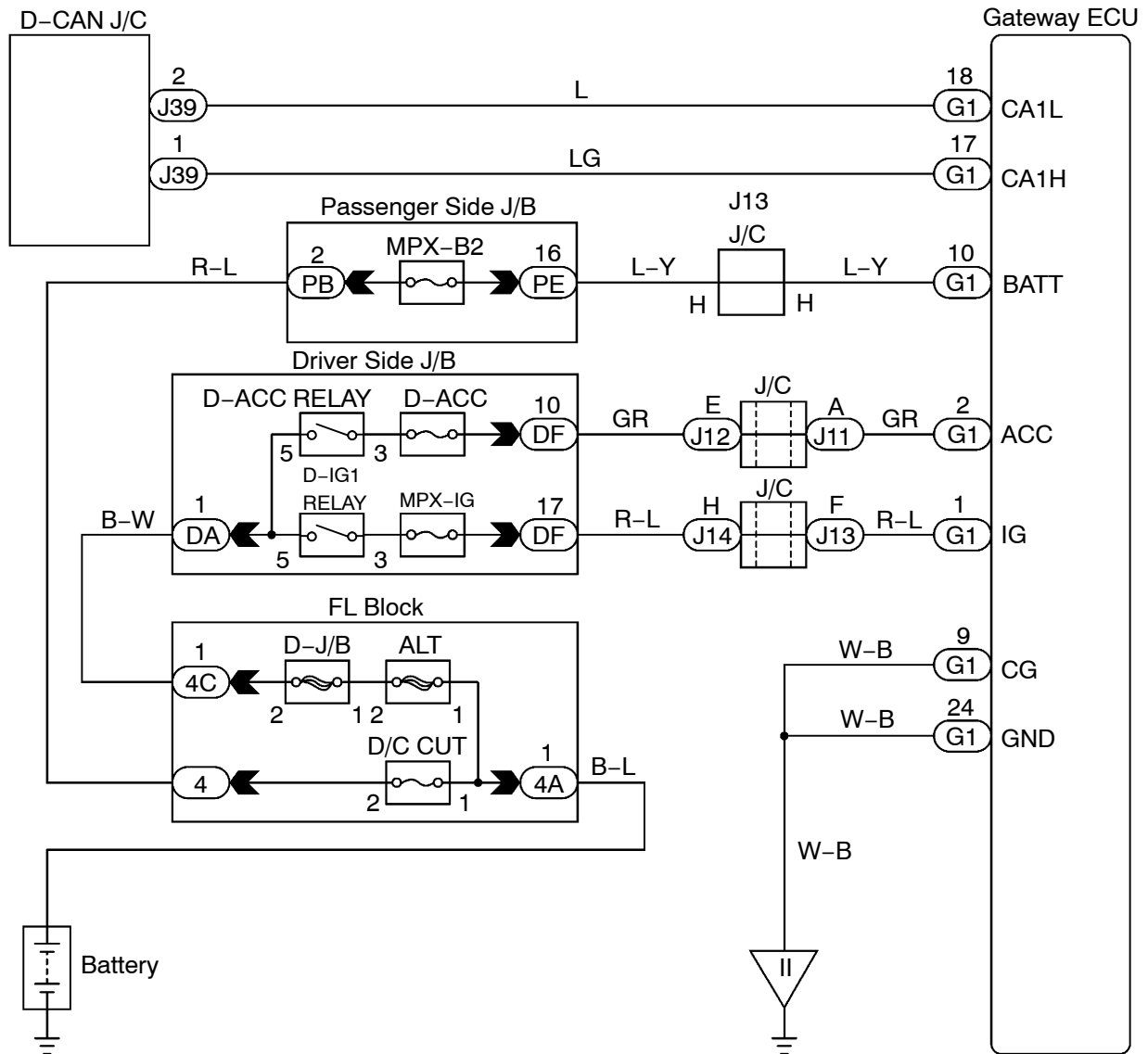
Detection Item	Symptom	Trouble Area
GATEWAY ECU COMMUNICATION STOP MODE	• "Body/Gateway" is not displayed on the "Communication Bus Check" screen of the intelligent tester II. • Applies to "GATEWAY ECU COMMUNICATION STOP MODE" in the "DTC COMBINATION TABLE" (see page 05-3309).	• Power source or inside the gateway ECU • Gateway ECU sub bus line or connector

WIRING DIAGRAM

LHD:



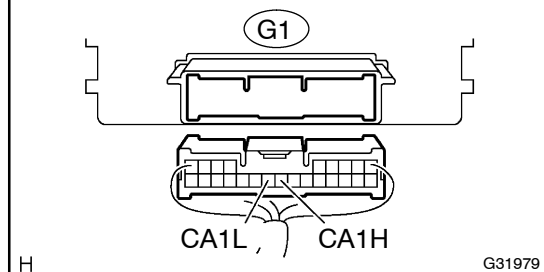
RHD:



INSPECTION PROCEDURE

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

Gateway ECU Wire Harness View:



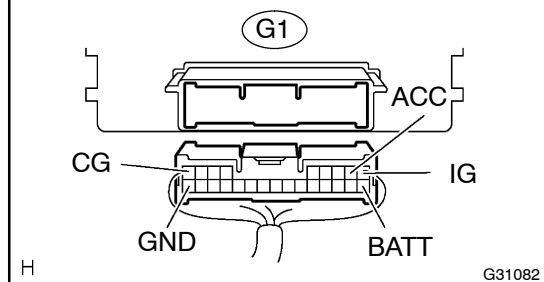
- Turn the ignition switch to the LOCK position.
- Disconnect the gateway ECU connector (G1).
- Measure the resistance according to the value(s) in the table below.

Standard:

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

NG**REPAIR OR REPLACE GATEWAY ECU SUB BUS LINE OR CONNECTOR (CAN-H, CAN-L)****OK****2 CHECK WIRE HARNESS(BATT, ACC, IG, CG, GND)**

Gateway ECU Wire Harness View:



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

Standard:

Tester connection	Condition	Specified condition
G1-9 (CG) - Body ground	Always	Below 1 Ω
G1-24 (GND) - Body ground	Always	Below 1 Ω
G1-10 (BATT) - Body ground	Always	10 to 14 V
G1-2 (ACC) - Body ground	Ignition Switch ACC	10 to 14 V
G1-1 (IG) - Body ground	Ignition Switch ON	10 to 14 V

NG**REPAIR OR REPLACE WIRE HARNESS OR CONNECTOR****OK****REPLACE GATEWAY ECU**