

When the ignition switch is turned to the ACC position, battery positive voltage is applied to the terminal ACC of the ECU and when the ignition switch is turned to the ON position, battery positive voltage is applied to the terminal SIG of the ECU.

The diagram illustrates the electrical system for the Instrument Panel J/B (Body ECU). It shows the following components and connections:

- Instrument Panel J/B (Body ECU):** Contains terminals 2 (SIG) and 21 (ACC).
- Cowl Side J/B LH:** Contains terminals 14 (2D), 9 (2B), 25 (2P), and 53 (2P). It includes a fuse for ECU-IG and a fuse for MIRR.
- Engine Room J/B:** Contains terminals 15 (1E), 1 (10), and 1 (10). It includes a fuse for AM1 No.2 and a fuse for AM1 No.1.
- Ignition Switch:** Has terminals 3 (ACC) and 4 (IG1). It is connected to the Cowl Side J/B LH.
- Battery:** Connected to the ground and the Engine Room J/B.
- ALT (Alternator):** Connected to the Engine Room J/B.

The diagram shows the following connections:

- The **ACC** line (terminal 21) connects to the **ACC** terminal (terminal 3) of the Ignition Switch.
- The **SIG** line (terminal 2) connects to the **SIG** terminal (terminal 2) of the Instrument Panel J/B.
- The **IG1** line (terminal 4) connects to the **IG1** terminal (terminal 1) of the Engine Room J/B.
- The **B** line (terminal 21) connects to the **B** terminal (terminal 10) of the Engine Room J/B.
- The **B** line (terminal 21) connects to the **B** terminal (terminal 10) of the ALT.
- The **B** line (terminal 21) connects to the **B** terminal (terminal 10) of the Cowl Side J/B LH.
- The **B** line (terminal 21) connects to the **B** terminal (terminal 10) of the Ignition Switch.
- The **B** line (terminal 21) connects to the **B** terminal (terminal 10) of the Engine Room J/B.
- The **B** line (terminal 21) connects to the **B** terminal (terminal 10) of the ALT.

INSPECTION PROCEDURE

1	Check ECU-IG and CIGAR fuse.
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CHECK:

Check continuity of ECU-IG and SIGAR fuse.

OK:

Continuity

NG**Replace the failure fuse.****OK**

2	Check voltage between terminals ACC, SIG and GND of Body ECU connector.
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PREPARATION:

Turn ignition switch ON.

CHECK:

Measure voltage between terminals ACC, SIG, and GND.

OK:

Voltage: 10 – 14V

OK**Proceed to next circuit inspection shown on problem symptoms table. (See page [DI-567](#))****NG**

3	Check wireharness and connector between Body ECU and body ground.
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NG**Repair or replace wireharness or connector.****OK**

Check and repair wireharness and connector between Body ECU and battery.