

Power source circuit (Body ECU (Main))

CIRCUIT DESCRIPTION

This circuit supplies power to operate the Body ECU (Main).

The diagram illustrates the electrical system for the Cowl Side J/B RH and LH, showing connections to the Body ECU, Engine Control System, and various relays and switches.

Key Components and Connections:

- Cowl Side J/B RH:** Contains terminals 25 (3B), 1 (3C), 52 (3Q), 71 (3Q), 51 (3Q), and 50 (3Q). It includes the ACC CUT Relay and ECU-B2.
- Cowl Side J/B LH:** Contains terminals 22 (2Q), 11, 12, 22, 10, 4, 16, 37 (2E), 39 (2E), and 1 (2C). It includes the ACC Relay, IG1 No. 2 Relay, and AM1.
- Body ECU:** Contains terminals 11, 12, 22, 10, 4, and 16. It includes the BECU, BDR1, ACC, SIG, GND1, and GND2.
- Engine Control System:** Receives signals from the ACC CUT Relay and the ACC Relay.
- Relays and Switches:** Includes the ACC CUT Relay, ACC Relay, IG1 No. 2 Relay, and AM1.
- Wiring:** Shows connections for L-O, B-G, B-R, B, L-B, and B-G. It also includes a Fusible Link Block with terminals 1 (F18), 1 (F17), and 2 (F16).
- Engine Room J/B:** Contains terminals 24 (1B), BAT, Short Pin (A), and 1 (1C).

INSPECTION PROCEDURE

1	Check ECU-B2, DOOR fuse.
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CHECK:

Check continuity of ECU-B2, DOOR fuse.

OK:

Continuity

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Replace faulty fuse.

OK

2	Check voltage between terminals BDR1, BECU and GND1, 2 of Body ECU (Main) connector.
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PREPARATION:

- (a) Turn the ignition switch OFF.
- (b) Disconnect the Body ECU (Main) connector.

CHECK:

Measure voltage between terminals BDR1, BECU and GND1, 2.

OK:

Voltage: 10 – 14V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-1412](#)).

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3	Check wire harness and connector between Body ECU (Main) and body ground, Body ECU (Main) and fuse (See page IN-36).
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Repair or replace wire harness or connector.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-1412](#)).