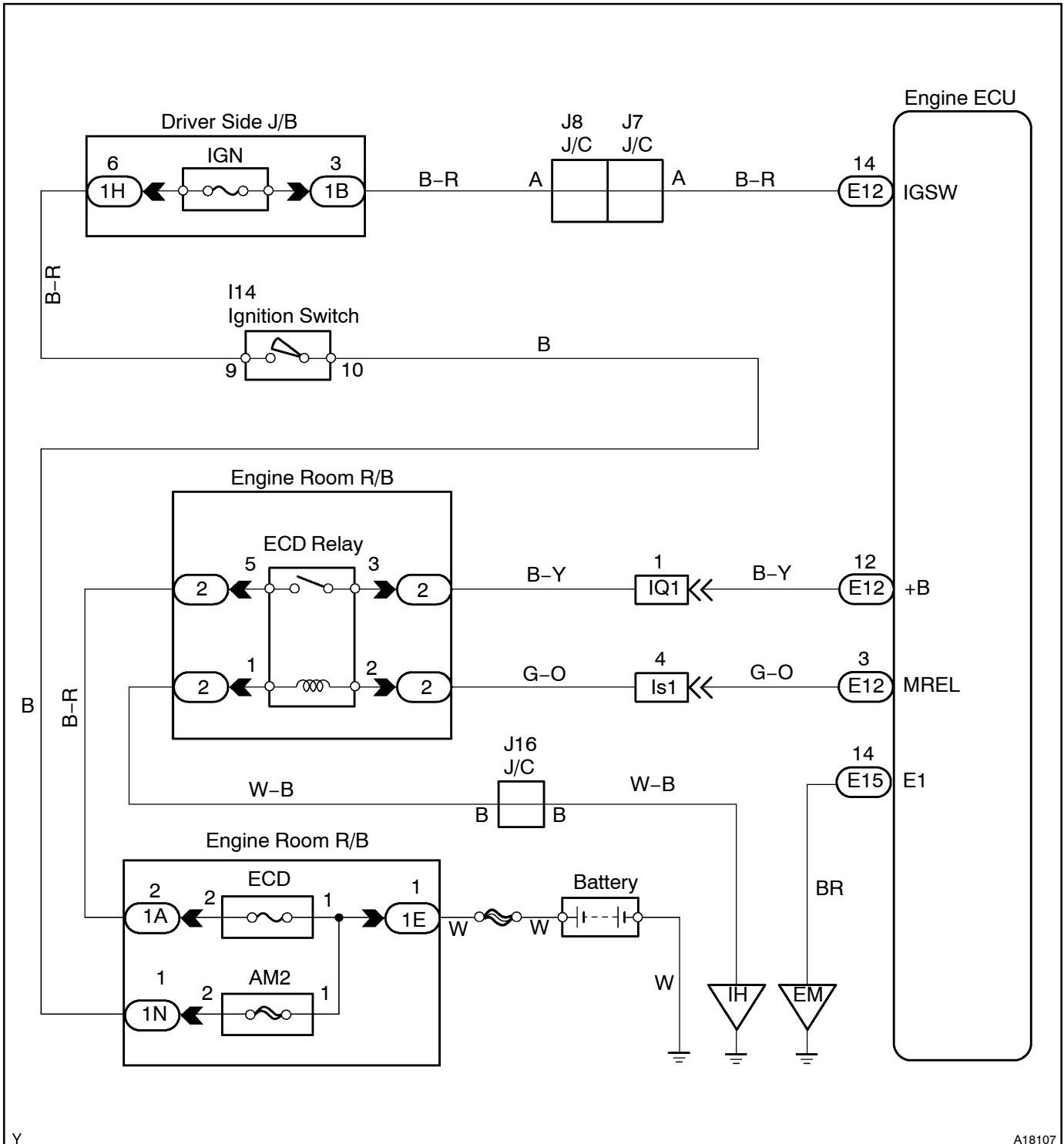


ECU Power Source Circuit

CIRCUIT DESCRIPTION

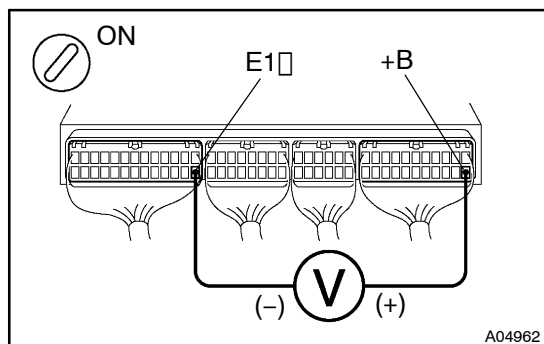
When the ignition switch is turned ON, the battery positive voltage is applied to the coil, closing the contacts of the ECD main relay (Marking: ECD) and supplying power to terminal +B of the engine ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check voltage between terminals +B and E1 of engine ECU.

**PREPARATION:**

(a) Remove the glove compartment door.

(b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminals +B and E1.

OK:

Voltage: 9 – 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-18).

NG

2 Check for open in harness and connector between terminal E1 of engine ECU and body ground (See page IN-19).

NG

Repair or replace harness or connector.

OK

3 Check ECD relay (Marking: ECD) (See page ED-8).

NG

Replace ECD relay.

OK

4 Check ECD fuse.

NG

Check for short in all the harness and components connected to ECD fuse.

OK

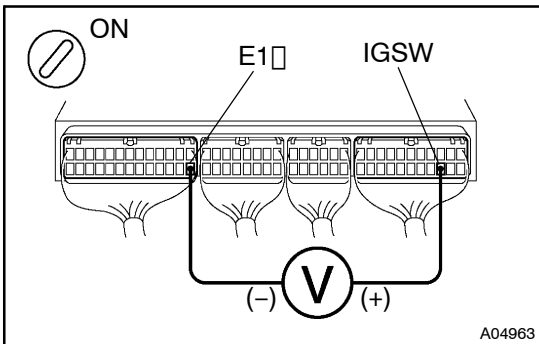
- 5 Check for open in harness and connector between engine ECU and ECD main relay (Marking: ECD), ECD main relay and battery (See page IN-19).

NG

Repair harness or connector.

OK

- 6 Check voltage between terminals IGSW and E1 of engine ECU.

**PREPARATION:**

- (a) Remove the glove compartment door.
 (b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminals IGSW and E1.

OK:

Voltage: 9 – 14 V

OK

Go to step 9.

NG

- 7 Check ignition switch (See Pub. No. RM156E on page BE-11).

NG

Replace ignition switch.

OK

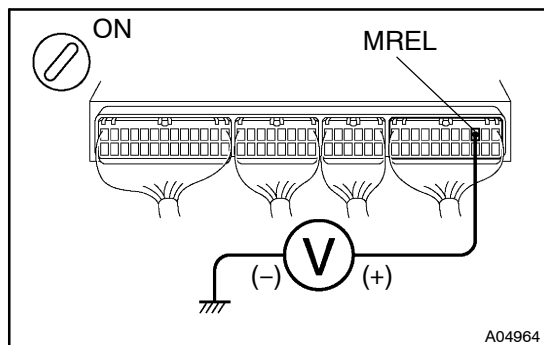
- 8 Check for open in harness and connector between ignition switch and engine ECU (See page IN-19).

NG

Repair or replace harness or connector.

OK

9 Check voltage between terminal MREL of engine ECU and body ground.



PREPARATION:

- (a) Remove the glove compartment door.
- (b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal MREL of the engine ECU and the body ground.

OK:

Voltage: 9 – 14 V

OK

Check and replace engine ECU
(See page N-19)

NG

Check for open in harness and connector between engine ECU and ECD relay (Marking: ECD), ECD relay and body ground (See page N-19).