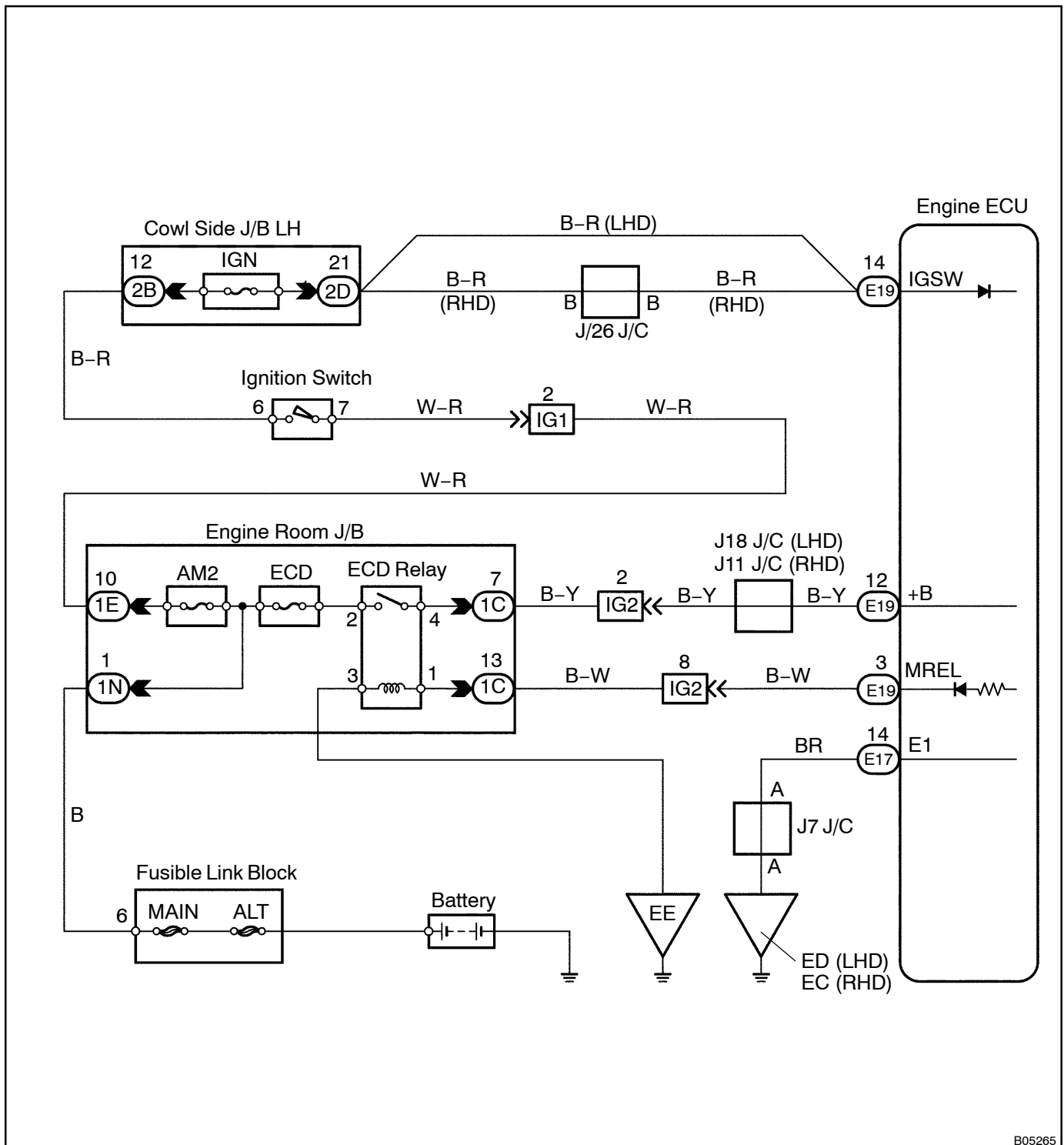


ECU Power Source Circuit

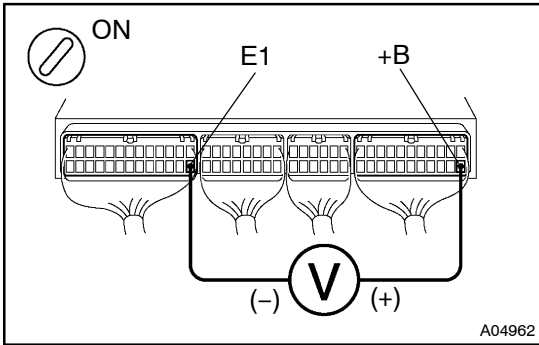
CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



B05265

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 voltage between terminals +B and E1 of engine ECU.

OK:

Voltage: 9 – 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-19](#)).

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 main relay (Marking: ECD) ([See page ED-3](#)).****NG**

Replace ECD main relay.

OK

4 Check ECD fuse.**PREPARATION:**

Remove the ECD fuse from the engine room J/B.

CHECK:

Check continuity of ECD fuse.

OK:

Continuity

NG

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

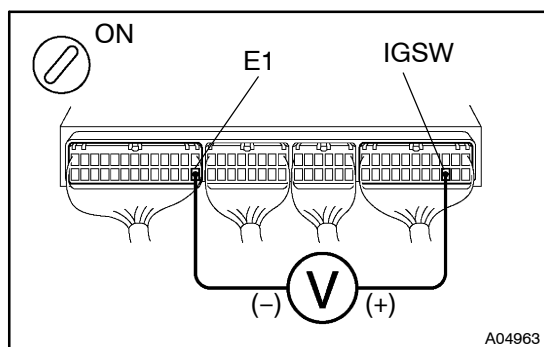
OK

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 voltage between terminals IGSW and E1 of engine ECU.

OK:

Voltage : 9 – 14 V

OK

Go to step 9.

NG

7 Check ignition switch (See Pub. No. RM616E2 BE section).

NG

Replace ignition switch.

OK

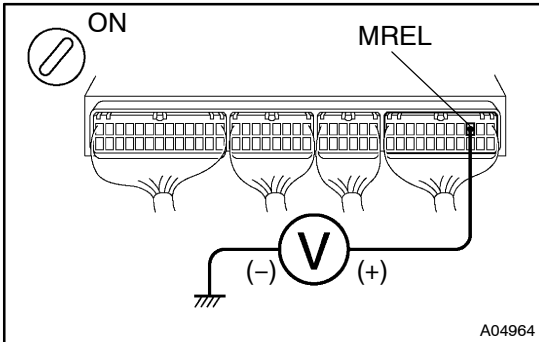
8 Check for open in harness and connector between ignition switch and engine ECU (See page IN-19).

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 voltage between terminal MREL of engine ECU and body ground.

OK:

Voltage: 9 - 14 V

OK

Check and replace engine ECU (See page IN-19).

NG

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