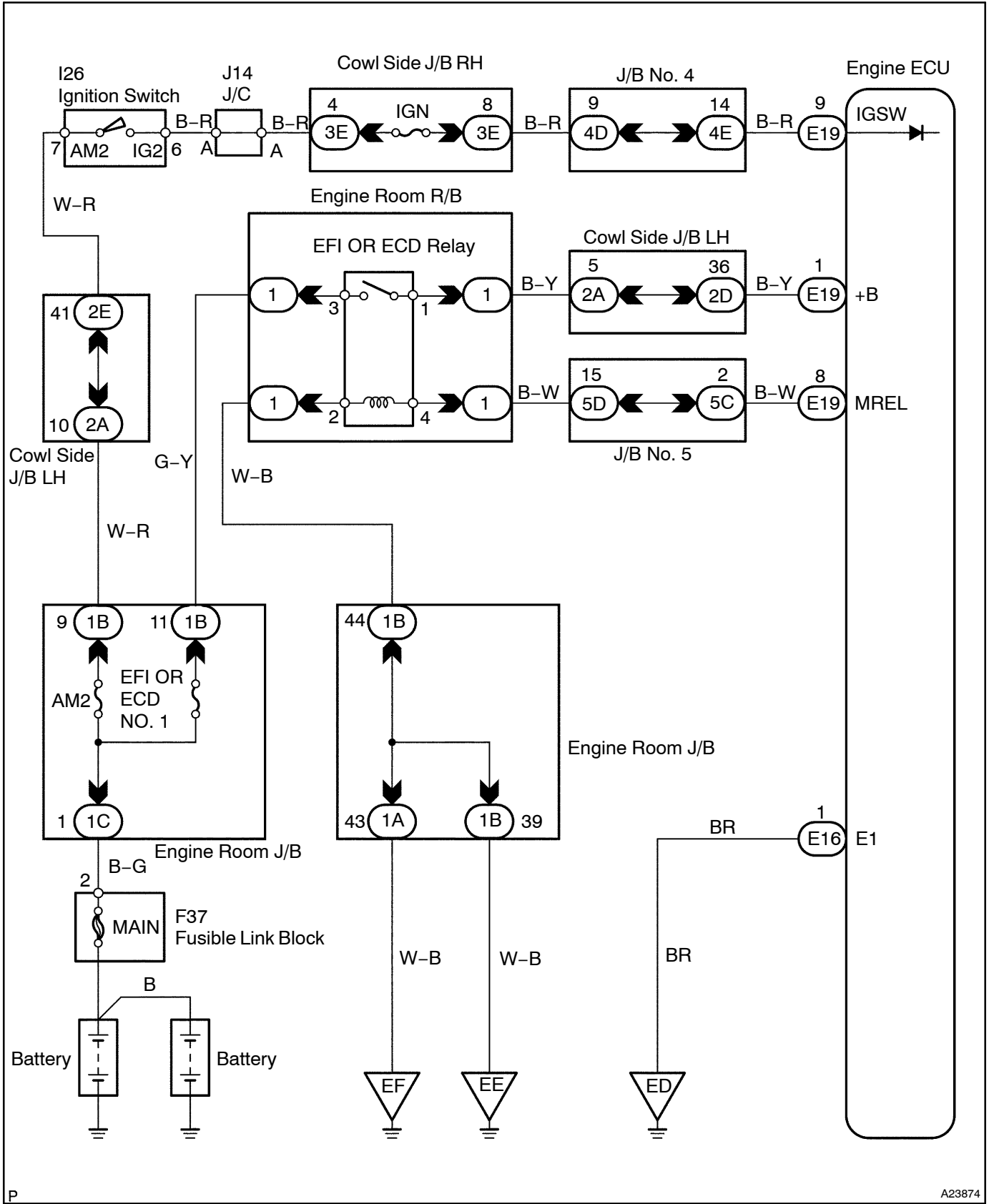


ECU Power Source Circuit

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM

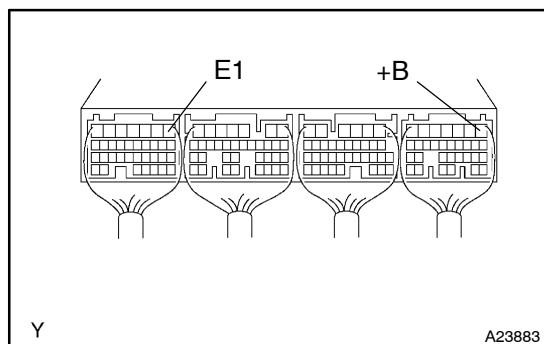


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INSPECTION PROCEDURE

- | | |
|----------|---|
| 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 of the engine ECU.

OK:

Voltage: 9 to 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-16](#)).

NG

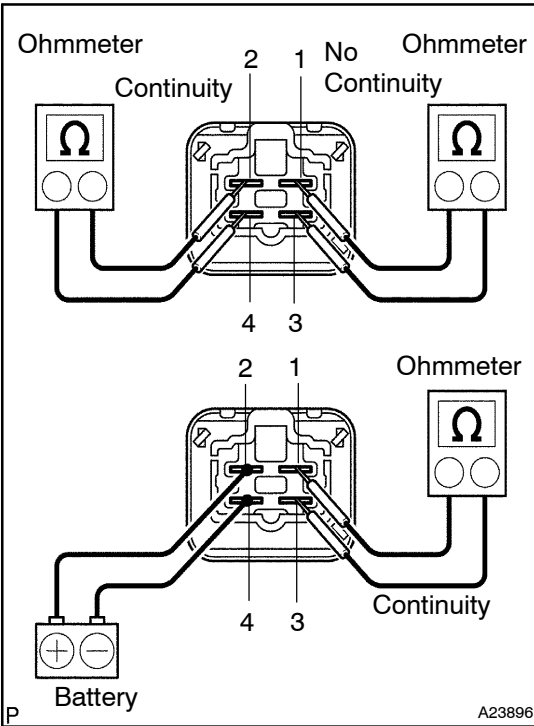
- | | |
|----------|--|
| 2 | Check for open in harness and connector between terminal E1 of engine ECU and body ground (See page IN-19). |
|----------|--|

NG

Repair or replace harness or connector.

OK

3 Check EFI OR ECD relay.



PREPARATION:

Remove the EFI OR ECD relay from the engine room R/B.

CHECK:

Inspect the EFI OR ECD relay.

OK:

Condition	Tester connection	Specified condition
Constant	2 – 4	Below 1 Ω
	1 – 3	10 k Ω or higher
Apply B+ between terminals 2 and 4.	1 – 3	Below 1 Ω

NG

Replace EFI OR ECD relay.

OK

4 Check EFI OR ECD NO. 1 fuse.

PREPARATION:

Remove the EFI OR ECD NO. 1 fuse from the engine room J/B.

CHECK:

Check the resistance of the EFI OR ECD NO. 1 fuse.

OK:

Below 1 Ω

NG

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

OK

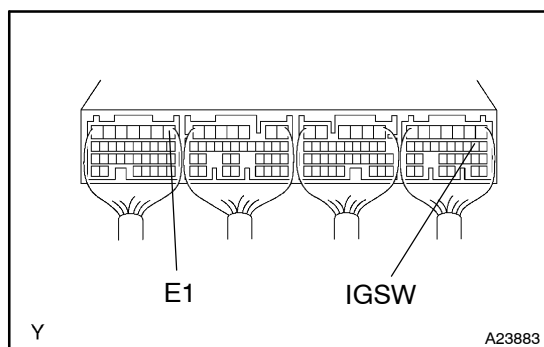
- 5** Check for open in harness and connector between engine ECU and EFI OR ECD relay, EFI OR ECD relay and battery ([See page IN-19](#)).

NG

Repair or replace 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 of the engine ECU.

OK:

Voltage: 9 to 14 V

OK

Go to step 9.

NG

- 7** Check ignition switch ([See Pub. No. RM616E2, page BE-20](#)).

NG

Replace ignition switch.

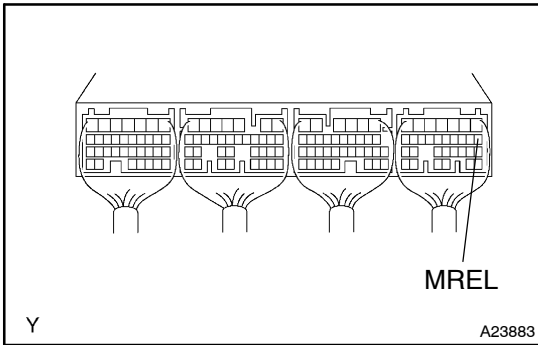
OK

- 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 body ground.

OK:

Voltage: 9 to 14 V

OK

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

NG

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