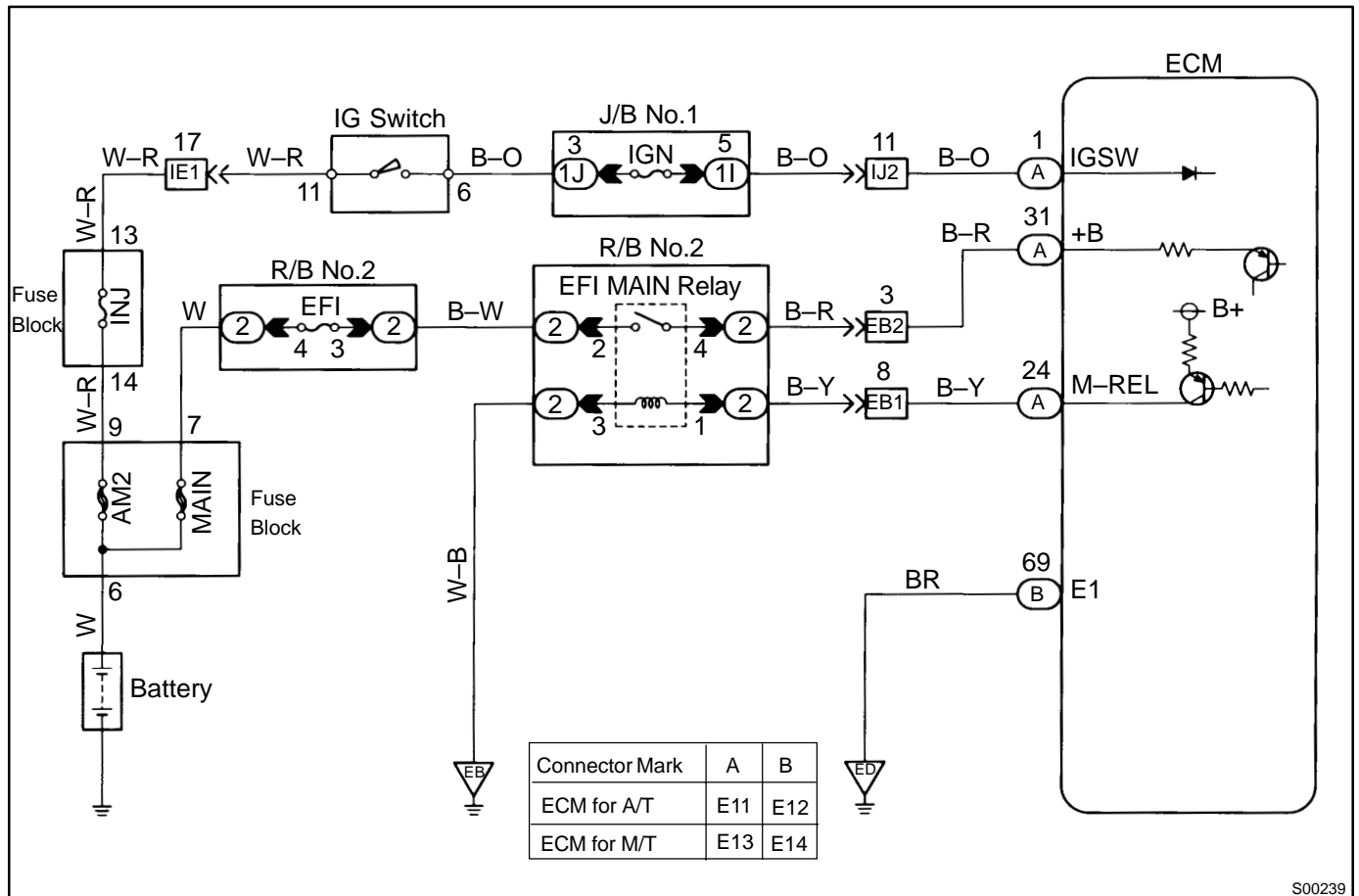


ECM Power Source Circuit

CIRCUIT DESCRIPTION

When the ignition switch is turned ON, battery positive voltage is applied to the coil, closing the contacts of the EFI main relay (Marking: EFI MAIN) and supplying power to the terminals +B of the ECM.

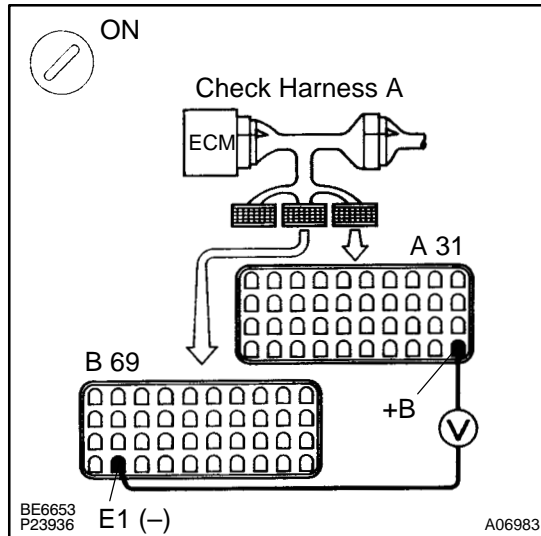
WIRING DIAGRAM



S00239

INSPECTION PROCEDURE

- 1** Check voltage between terminals +B and E1 of ECM connector.

**PREPARATION:**

- (a) Connect Check Harness A (See page [DI-18](#)).
 (b) Turn ignition switch ON.

CHECK:

Measure voltage between terminals +B and E1 of ECM connector.

OK:

Voltage: 9 – 14 V

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-23](#)).

NG

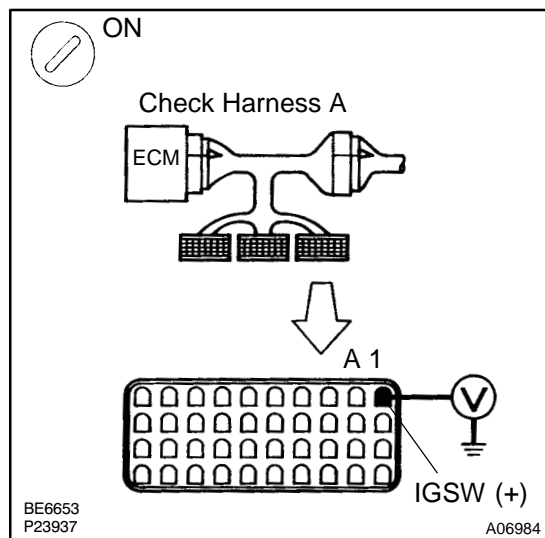
- 2** Check for open in harness and connector between terminal E1 of ECM connector and body ground (See page [IN-29](#)).

NG

Repair or replace harness or connector.

OK

3 Check voltage between terminal IGSW of ECM connector and body ground.

**PREPARATION:**

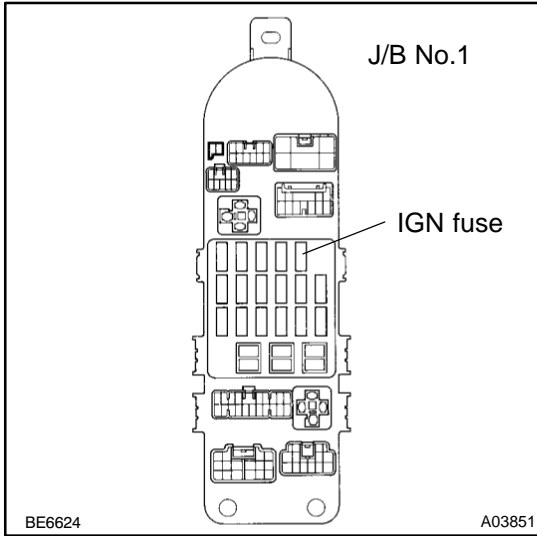
Turn ignition switch ON.

CHECK:

Measure voltage between terminal IGSW of ECM and body ground.

OK:**Voltage: 9 – 14 V****OK****Go to step 6.****NG**

4 Check IGN fuse.



PREPARATION:

Remove IGN fuse from J/B No.1.

CHECK:

Check continuity of IGN fuse.

OK:

Continuity

NG

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

OK

5 Check ignition switch (See page [BE-22](#)).

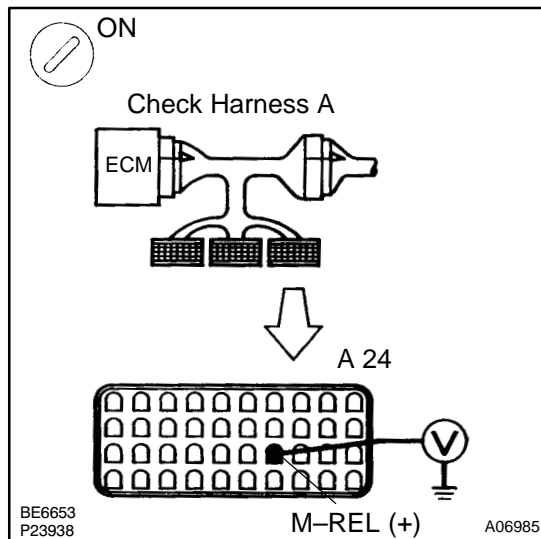
NG

Replace ignition switch.

OK

Check for open and short in harness and connector between battery and ignition switch, ignition switch and ECM.

6 Check voltage between terminal M-REL of ECM connector and body ground.



PREPARATION:

Turn ignition switch ON.

CHECK:

Measure voltage between terminal M-REL of ECM connector and body ground.

OK:

Voltage: 9 – 14 V

NG

Check and replace ECM.

OK

7 Check EFI fuse (See page DI-129, step 2).

NG

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

OK

8 Check EFI main relay (Marking: EFI MAIN) (See page SF-63).

NG

Replace EFI main relay.

OK

9	Check for open and short in harness and connector between terminal M-REL of ECM connector and body ground (See page IN-29).
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NG

Repair or replace harness or connector.

OK

Check for open and short in harness and connector between terminal +B of ECM connector and battery (See page [IN-29](#)).