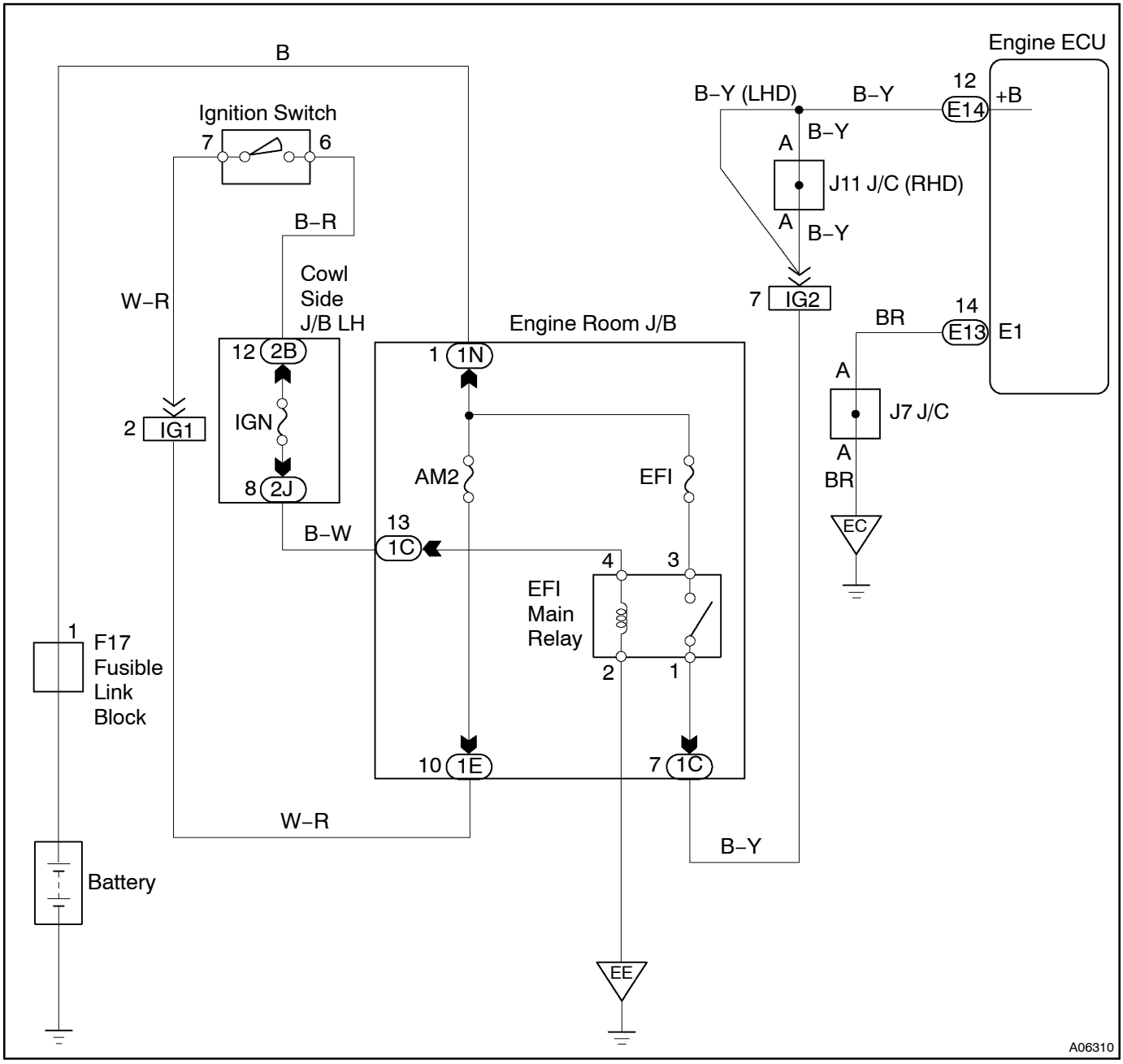
DI1IU–05

ECU Power Source Circuit

CIRCUIT DESCRIPTION

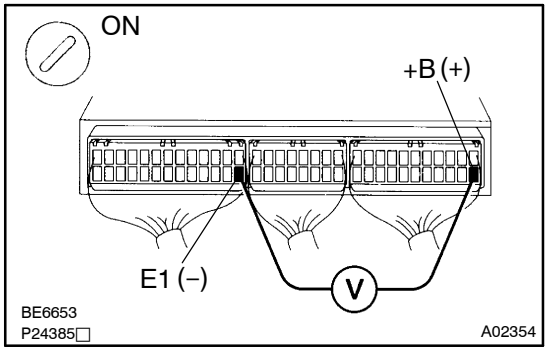
When the ignition switch is turned ON, battery positive voltage is applied to the coil, closing the contacts of the EFI main relay and supplying power to the terminal +B of the engine ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

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



PREPARATION:

(a) Remove the glove compartment door.

(b) Turn the ignition switch ON.

CHECK:

Measure voltage between terminals +B and E1 of engine ECU connector.

OK:

Voltage: 9 – 14 V

OK	Proceed to next circuit inspection shown on problem symptoms table (See page DI–21).

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 main relay (Marking: EFI) (See page FI–44).

NG	Replace EFI main relay.

OK

4	Check EFI fuse (See page DI–81, step 2).

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

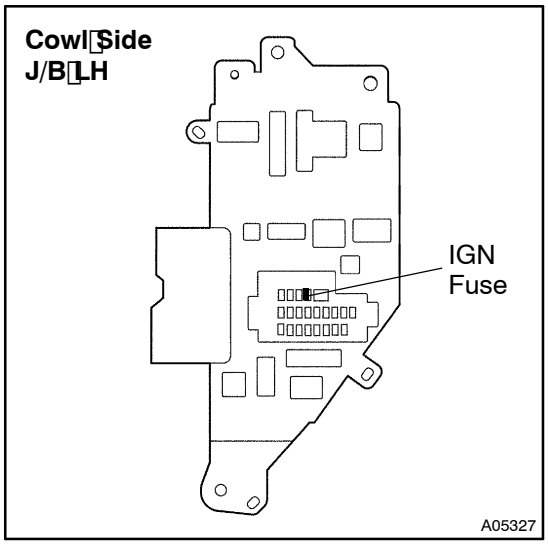
OK

5	Check for open in harness and connector between EFI main relay and battery, EFI main relay and engine ECU (See page IN–19).

NG → Repair or replace harness or connector.

OK

6	Check IGN fuse.



PREPARATION:
Remove the IGN fuse from cowl side J/B LH.
CHECK:
Check continuity of IGN fuse.
OK:
Continuity

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

OK

7	Check ignition switch.

NG → Replace ignition switch.

OK →

Check for open in harness and connector between IG switch and main relay, main relay and body ground (See page IN–19).