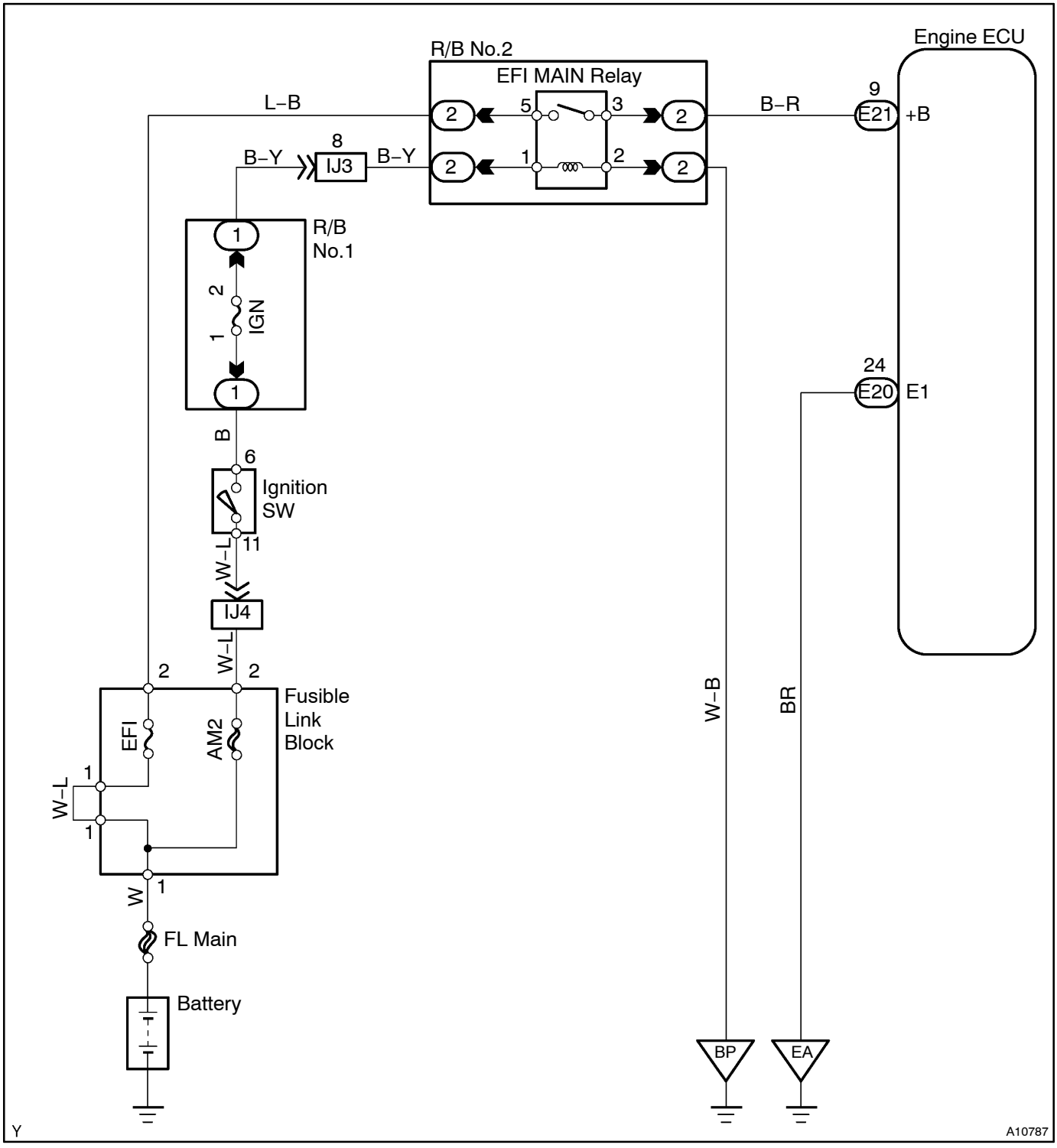
DI4EL–02

ECU Power Source Circuit

CIRCUIT DESCRIPTION

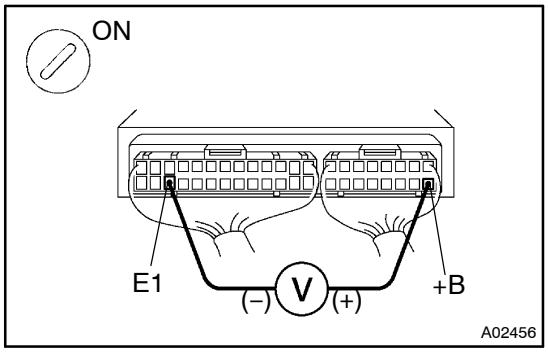
When the ignition switch is turned ON, battery voltage is applied to the coil, closing the contacts of the EFI main relay (Marking: EFI MAIN) and supplying power to the terminal +B of the engine ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

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



PREPARATION:

(a) Disconnect the engine ECU from the body bracket (See page FI–36).

(b) Turn the ignition switch ON.

CHECK:

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

OK:

Voltage: 9 – 14 V

OK	**Proceed to next circuit inspection shown on problem symptoms table (See page DI–15).**

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 MAIN) (See page FI–30).**

NG	**Replace EFI main relay.**

OK

4	**Check EFI fuse (See page DI–46, stap 2).**

NG	**Check for short in all harness and components connected to EFI fuse (See page IN–19).**

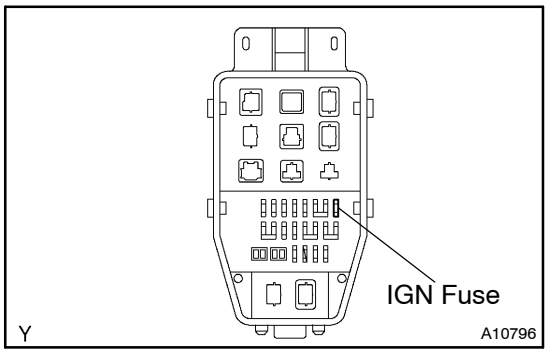
OK

5	**Check for open in harness and connector between EFI main relay (Marking: EFI MAIN) and battery, and 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 the R/B No.1.
CHECK:
Check the continuity of the IGN fuse.
OK:
Continuity

NG → **Check for short in all harness and components connected to IGN fuse (See page IN–19).**

OK

7	**Check ignition switch.**

NG → **Replace ignition switch.**

OK

Check for open in harness and connector between ignition switch and EFI main relay (Marking: EFI MAIN), and EFI main relay and body ground (See page IN–19).