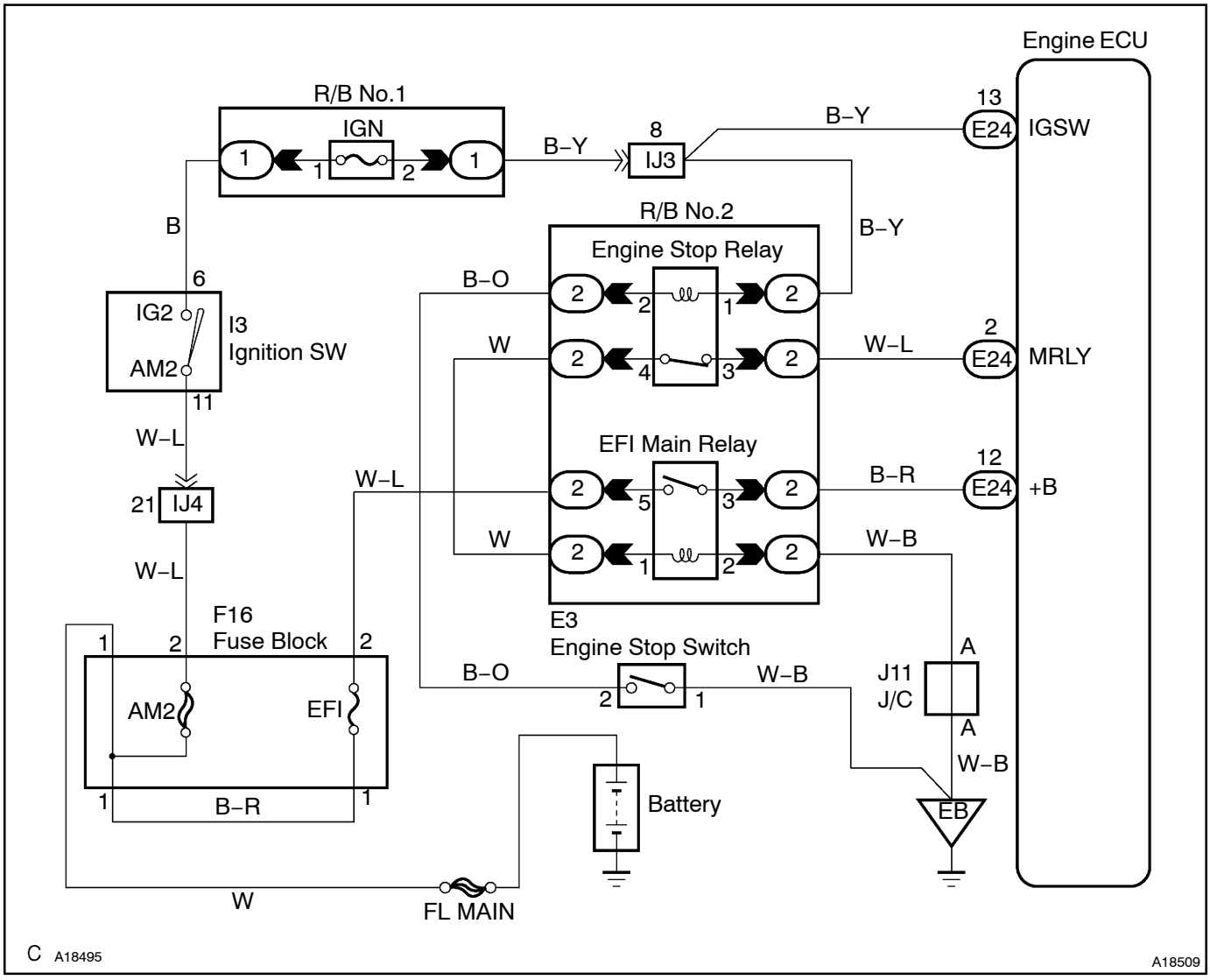
DI9V0–01

Emergency Engine Stop Button Circuit

CIRCUIT DESCRIPTION

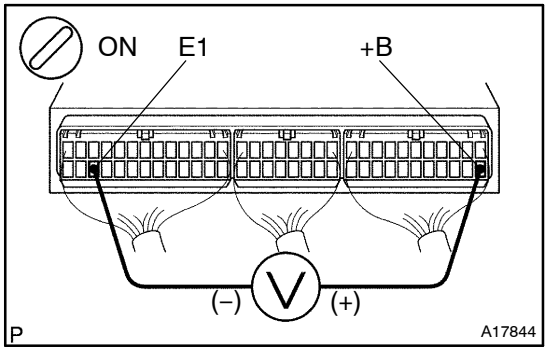
When the engine stop switch is pushed, battery voltage is not applied to the coil, open the contacts of the engine stop relay.
That the voltage becomes not to be applied to the terminal +B of the engine ECU will result in stopping the engine.

WIRING DIAGRAM



INSPECTION PROCEDURE

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



PREPARATION:

(a) Remove the side trim bracket (See page FU–48).

(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–18).**

NG

2	**Check main relay (See page FU–41).**

NG	**Repair main relay.**

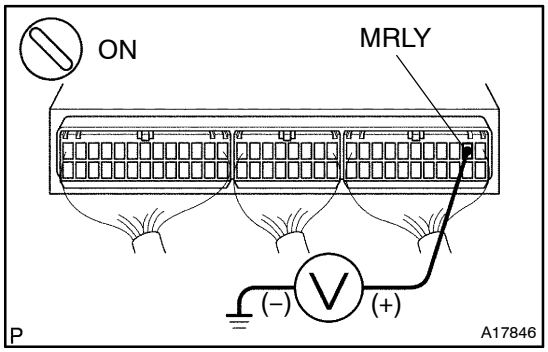
OK

3	**Check EFI fuse (See page DI–67).**

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

OK

4	**Check voltage between terminal MRLY of engine ECU connector and body ground.**



PREPARATION:

(a) Remove the side trim bracket (See page FU–48).

(b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminals MRLY of the engine ECU connector and body ground.

OK:

Voltage: 9 – 14 V

OK	**Check and replace engine ECU (See page IN–20).**

NG

5	**Check IGN fuse (See page DI–67).**

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

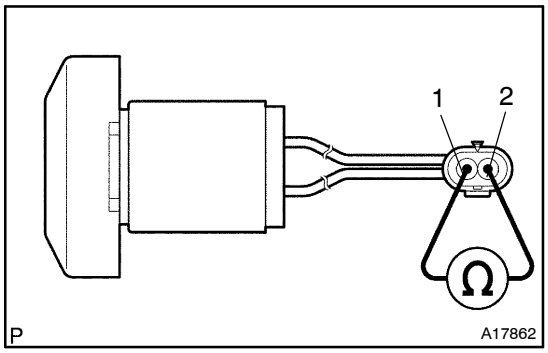
OK

6	**Check engine stop relay (See page FU–43).**

NG	**Repair engine stop relay.**

OK

7	Check engine stop switch.



PREPARATION:

Disconnect the engine stop switch connector.

CHECK:

Check continuity between terminals 1 and 2 of engine stop switch connector.

OK:

Engine stop switch condition	Specified condition
Press continuously engine stop switch	Continuity
Release engine stoop switch	No continuity

NG → **Repair engine stop switch.**

OK

Repair or replace harness or connector.