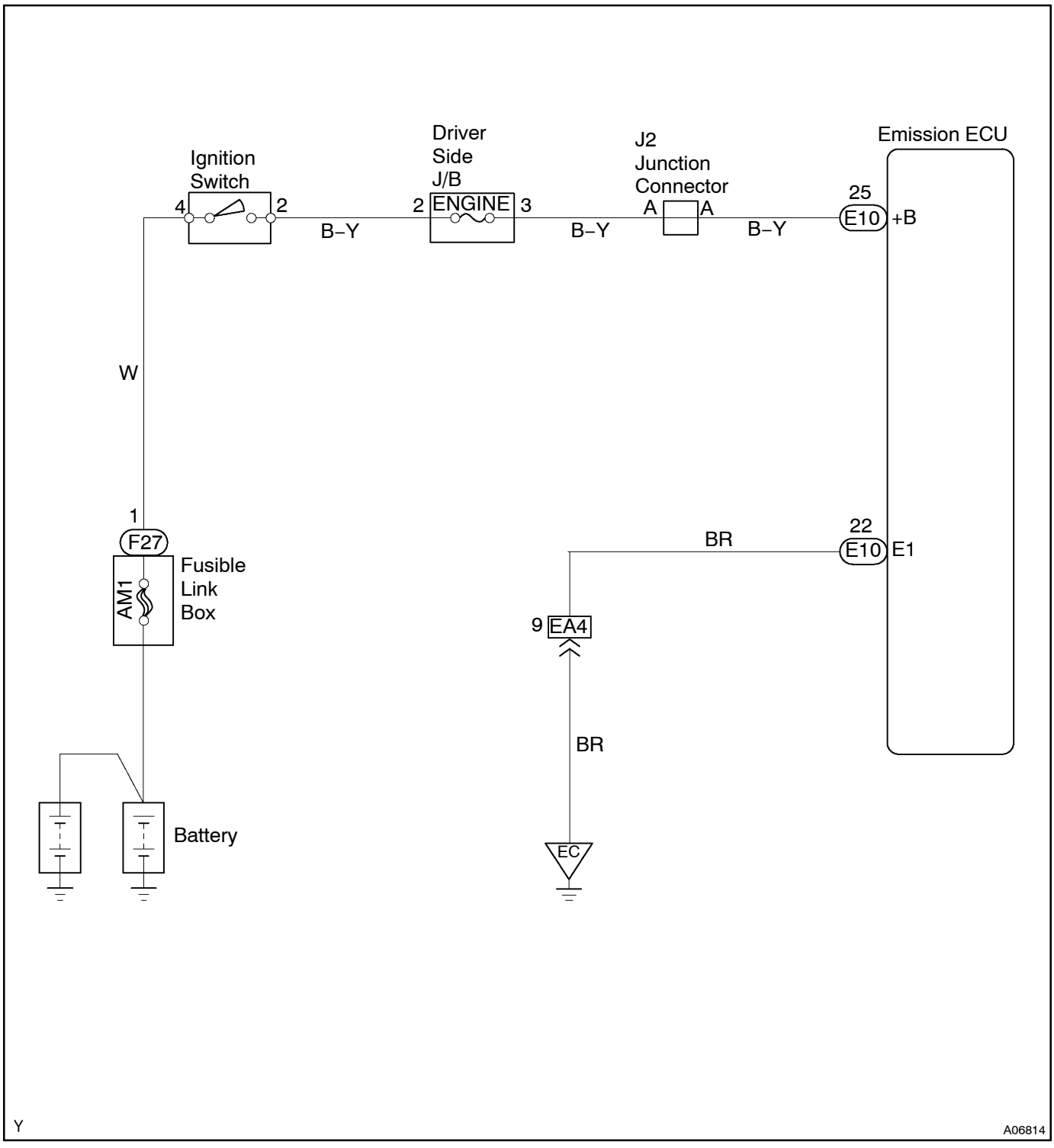
DI3UL–01

ECU Power Source Circuit

CIRCUIT DESCRIPTION

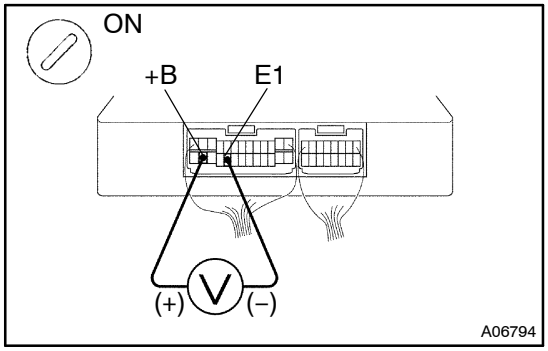
When the ignition switch is turned ON, battery positive voltage is applied to the coil, supplying power to the terminal +B of the emission ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

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



PREPARATION:

(a) Disconnect the emission ECU from the body panel. (See page EC–10)

(b) Turn ignition switch ON.

CHECK:

Measure voltage between terminals +B and E1 of emission ECU.

OK:

Voltage: 18 – 28 V

OK	**Proceed to next circuit inspection shown on problem symptoms table. (See page DI–12)**

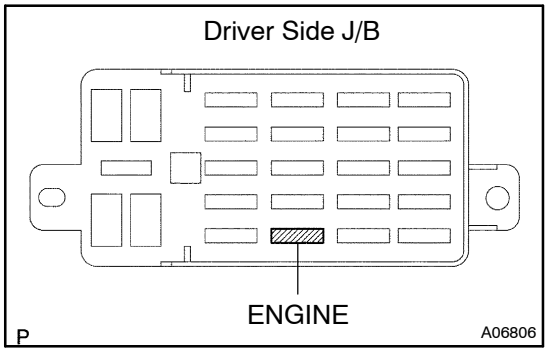
NG

2	**Check for open in harness and connector between terminal E1 of emission ECU and body ground. (See page IN–19)**

NG	**Repair or replace harness or connector.**

OK

3	**Check ENGINE fuse.**



PREPARATION:

Remove ENGINE fuse from the driver side J/B.

CHECK:

Check continuity of ENGINE fuse.

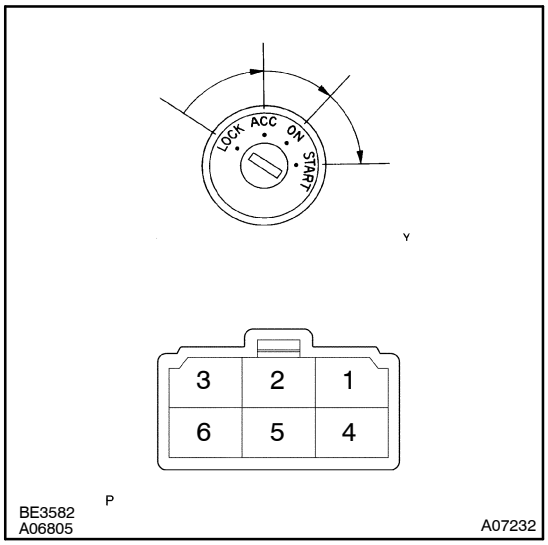
OK:

Continuity

NG	**Check for short in all the harness and components connected to ENGINE fuse. (See attached wiring diagram)**

OK

4	Check ignition switch.



PREPARATION:

(a) Remove lower finish panel.
(See page BE–13 of Pub. No. RM183E)

(b) Disconnect the ignition switch connector.

CHECK:

Check continuity between terminals shown below.

OK:

Switch Position	Terminal No. to continuity
LOCK	–
ACC	1 – 3
ON	1 – 3 – 6
START	1 – 2 – 4 – 6

NG → **Replace ignition switch.**

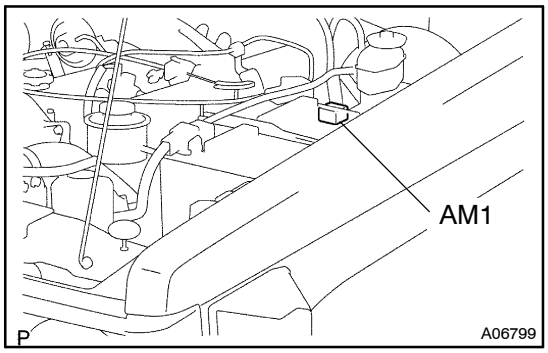
OK

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

NG → **Repair or replace harness or connector.**

OK

6	Check AM1 fuse.



PREPARATION:
Remove AM1 fuse.
CHECK:
Check continuity of AM1 fuse.
OK:
Continuity

NG → **Check for short in all the harness and components connected to AM1 fuse. (See attached wiring diagram)**

OK

Check for open in harness and connector between emission ECU.