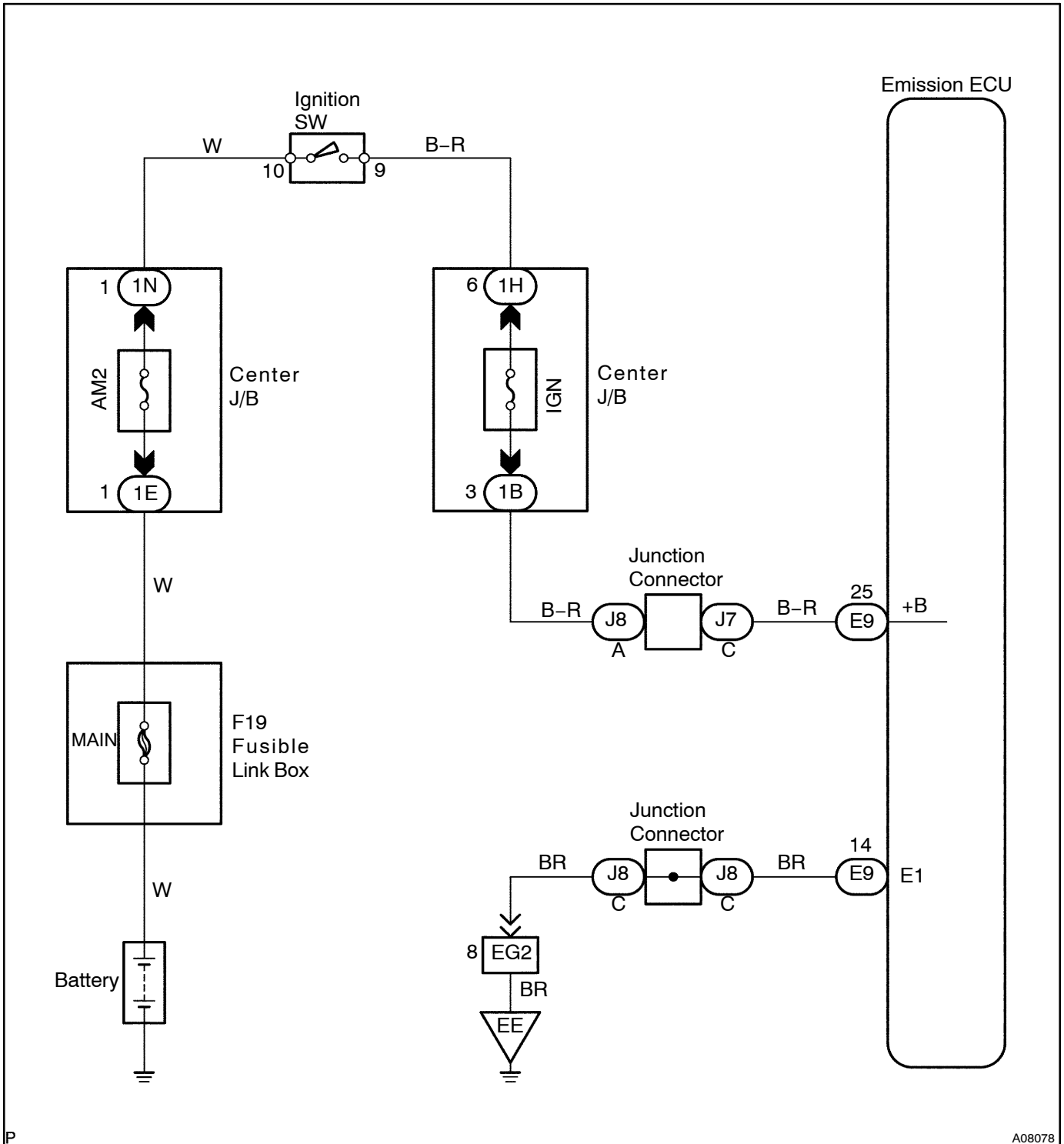


ECU Power Source Circuit

CIRCUIT DESCRIPTION

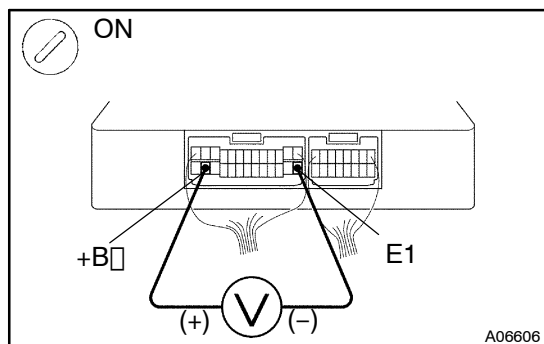
When the ignition switch is turned ON, battery voltage is applied to the coil, supplying power to terminal +B of the emission ECU.

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-3).
- (b) Turn the ignition switch ON.

CHECK:

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

OK:

Voltage: 9 – 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-11).

NG

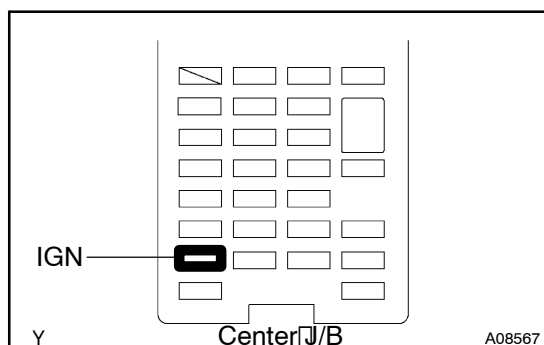
2 Check for open in harness and connector between terminal E1 of emission ECU and body ground (See page IN-19).

NG

Repair or replace harness or connector.

OK

3 Check IGN fuse.

**PREPARATION:**

Remove the IGN from the center J/B.

CHECK:

Check the continuity of the IGN fuse.

OK:

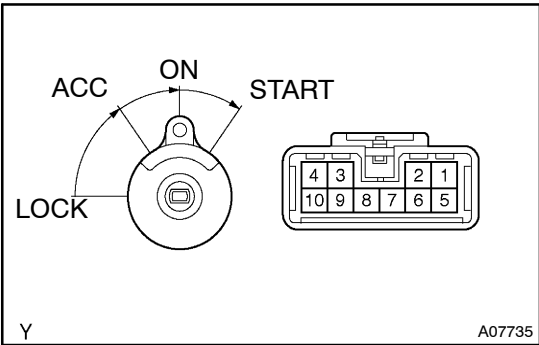
Continuity

NG

Check for short in all harness and components connected to ECU-IGN fuse (See attached wiring diagram).

OK

4 Check Ignition switch.



PREPARATION:

- (a) Remove the lower finish panel (See page BE-5 of Pub. No. RM497E).
- (b) Disconnect the ignition switch connector.

CHECK:

Check the continuity between the terminals shown below.

OK:

Switch Position	Terminal No. to continuity	
LOCK	-	-
ACC	5 - 7	-
ON	4 - 5 - 7	2 - 3
START	1 - 2 - 4	6 - 7 - 8

NG

Replace Ignition switch.

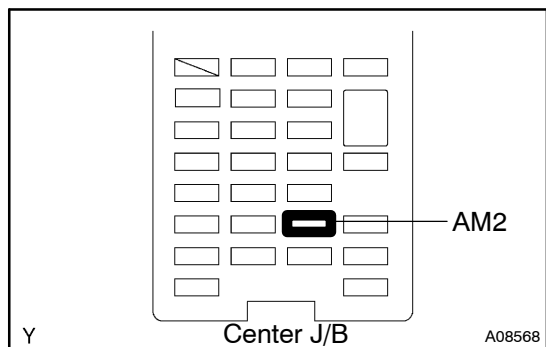
OK

5 Check for open in harness and connector between terminal B of emission ECU and IG switch (See page IN-19).

NG

Repair or replace harness or connector.

OK

6 Check AM2 fuse.**PREPARATION:**

Remove the AM2 fuse from the engine room J/B.

CHECK:

Check continuity of the AM2 fuse.

OK:

Continuity

NG

Check for short in all harness and components connected to AM2 fuse (See attached wiring diagram).

OK

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