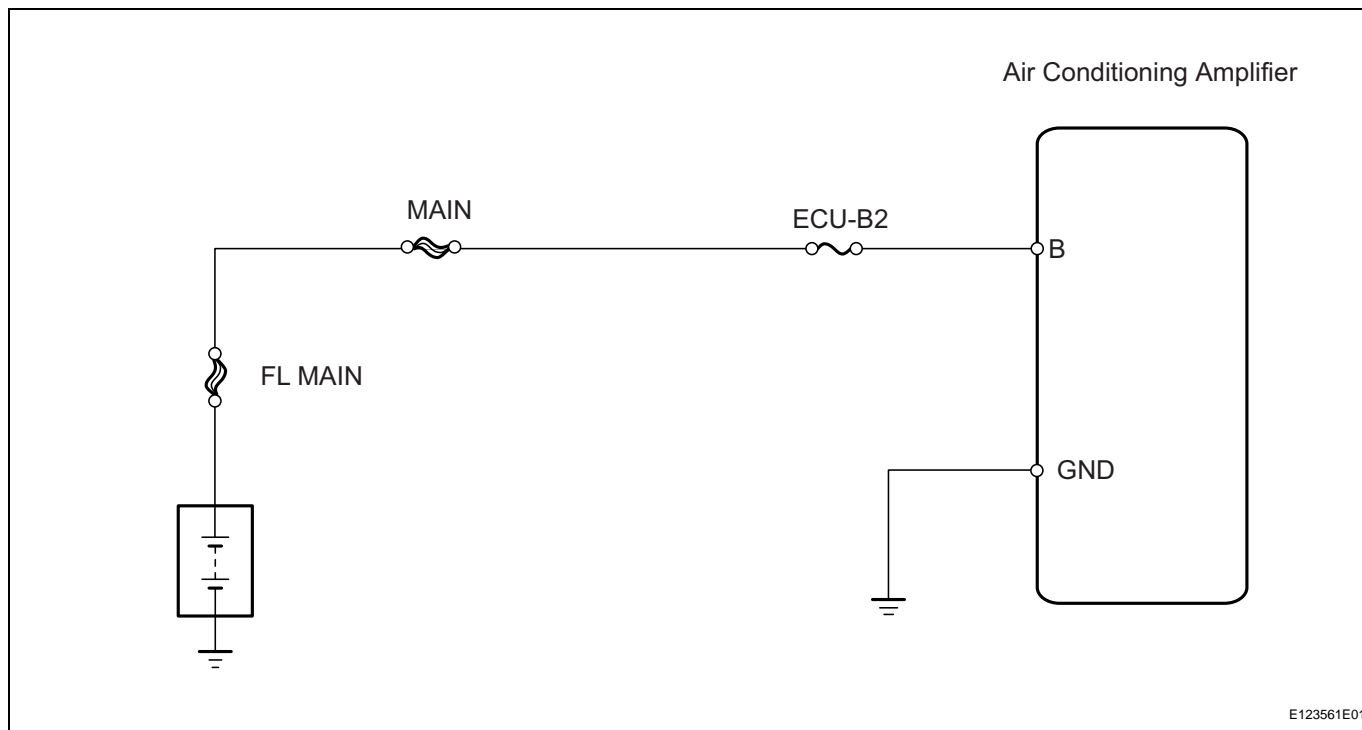


Back-up Power Source Circuit

DESCRIPTION

This is the back-up power source circuit for the air conditioning amplifier. Power is supplied even when the ignition switch is turned OFF and is used for functions such as the diagnostic trouble code memory.

WIRING DIAGRAM



AC

INSPECTION PROCEDURE

1 INSPECT FUSE (ECU-B2)

- Remove the ECU-B2 fuse from the engine room No. 2 relay block.
- Measure the resistance of the fuse.

Standard resistance:

Below 1 Ω

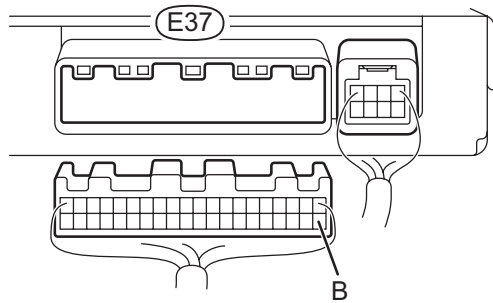
NG

REPLACE FUSE

OK

2**CHECK WIRE HARNESS (AIR CONDITIONING AMPLIFIER - BATTERY)**

Wire Harness Side



E118637E07

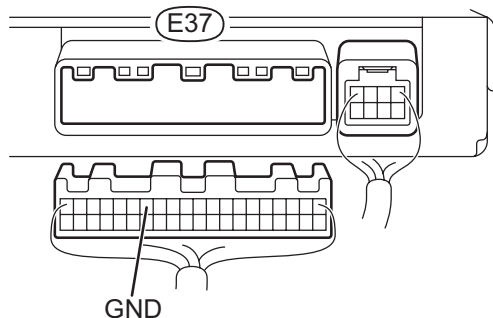
- (a) Disconnect the E37 amplifier connector.
- (b) Measure the voltage of the wire harness side connector.

Standard voltage

Tester Connection	Specified Condition
E37-21 (B) - Body ground	10 to 14 V

NG**REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****3****CHECK WIRE HARNESS (AIR CONDITIONING AMPLIFIER - BODY GROUND)**

Wire Harness Side



E118637E08

- (a) Disconnect the E37 amplifier connector.
- (b) Measure the resistance of the wire harness side connector.

Standard resistance

Tester Connection	Specified Condition
E37-14 (GND) - Body ground	Below 1 Ω

NG**REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****AC****PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**