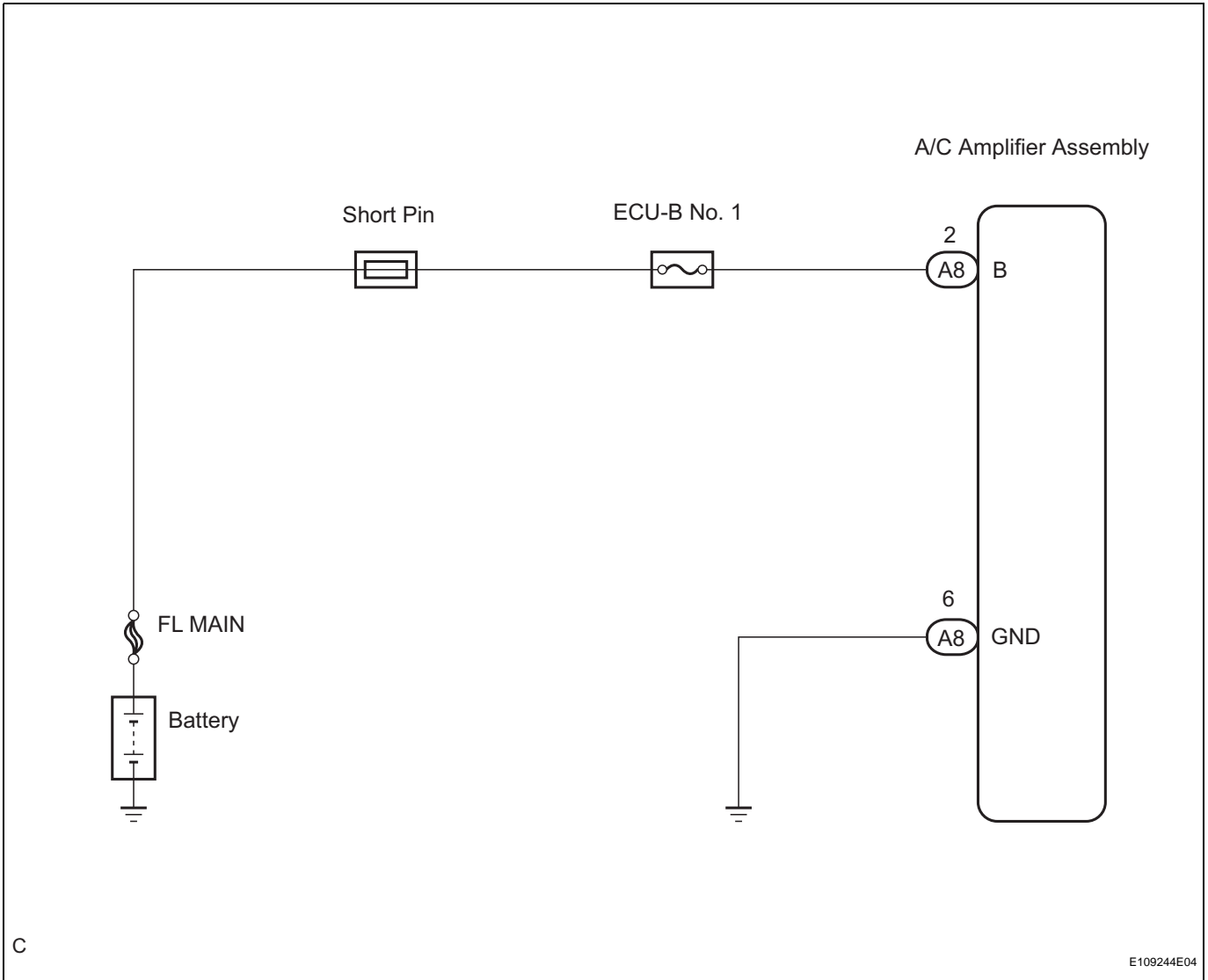


Back-up Power Source Circuit

DESCRIPTION

This is the back-up power source circuit for the A/C amplifier assembly. Power is supplied even when turning the ignition switch off and is used for diagnostic trouble code memory, etc.

WIRING DIAGRAM



1 INSPECT ECU-B NO.1 FUSE

- (a) Remove the ECU-B No. 1 fuse from the fusible link block.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester item	Condition	Specified condition
ECU-B No. 1 fuse	Always	Below 1 Ω

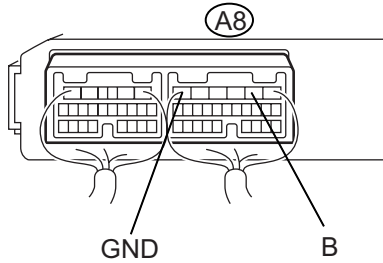
NG → **REPLACE ECU-B NO.1 FUSE**

OK

2 INSPECT AIR CONDITIONING AMPLIFIER ASSEMBLY

AC

A/C Amplifier Assembly
Connector Wire Harness View:



H

E109265E20

- (a) Remove the A/C amplifier assembly with the connectors still connected.
- (b) Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester connection (Symbols)	Condition	Specified condition
A8-2 (B) - A8-6 (GND)	Always	10 to 14 V

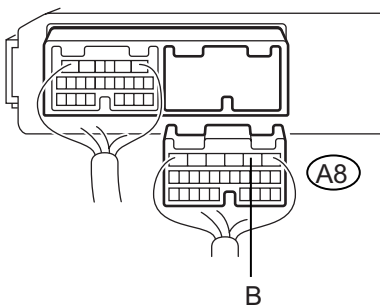
NG → **Go to step 3**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

3 CHECK HARNESS AND CONNECTOR (A/C AMPLIFIER ASSEMBLY - BODY GROUND)

A/C Amplifier Assembly
Connector Wire Harness View:



H

E109218E14

- (a) Disconnect the connector from the A/C amplifier assembly.
- (b) Measure the voltage according to the value(s) in the table below.

Standard voltage

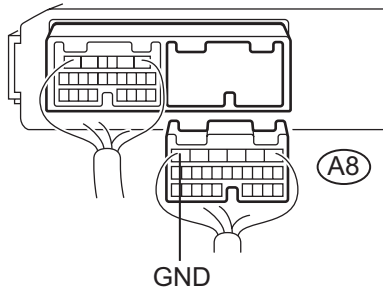
Tester connection (Symbols)	Condition	Specified condition
A8-2 (B) - Body ground	Always	10 to 14 V

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

4 CHECK HARNESS AND CONNECTOR (A/C AMPLIFIER ASSEMBLY - BODY GROUND)

A/C Amplifier Assembly
Connector Wire Harness View:



(a) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester connection (Symbols)	Condition	Specified condition
A8-6 (GND) - Body ground	Always	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

AC

OK

REPLACE AIR CONDITIONING AMPLIFIER ASSEMBLY