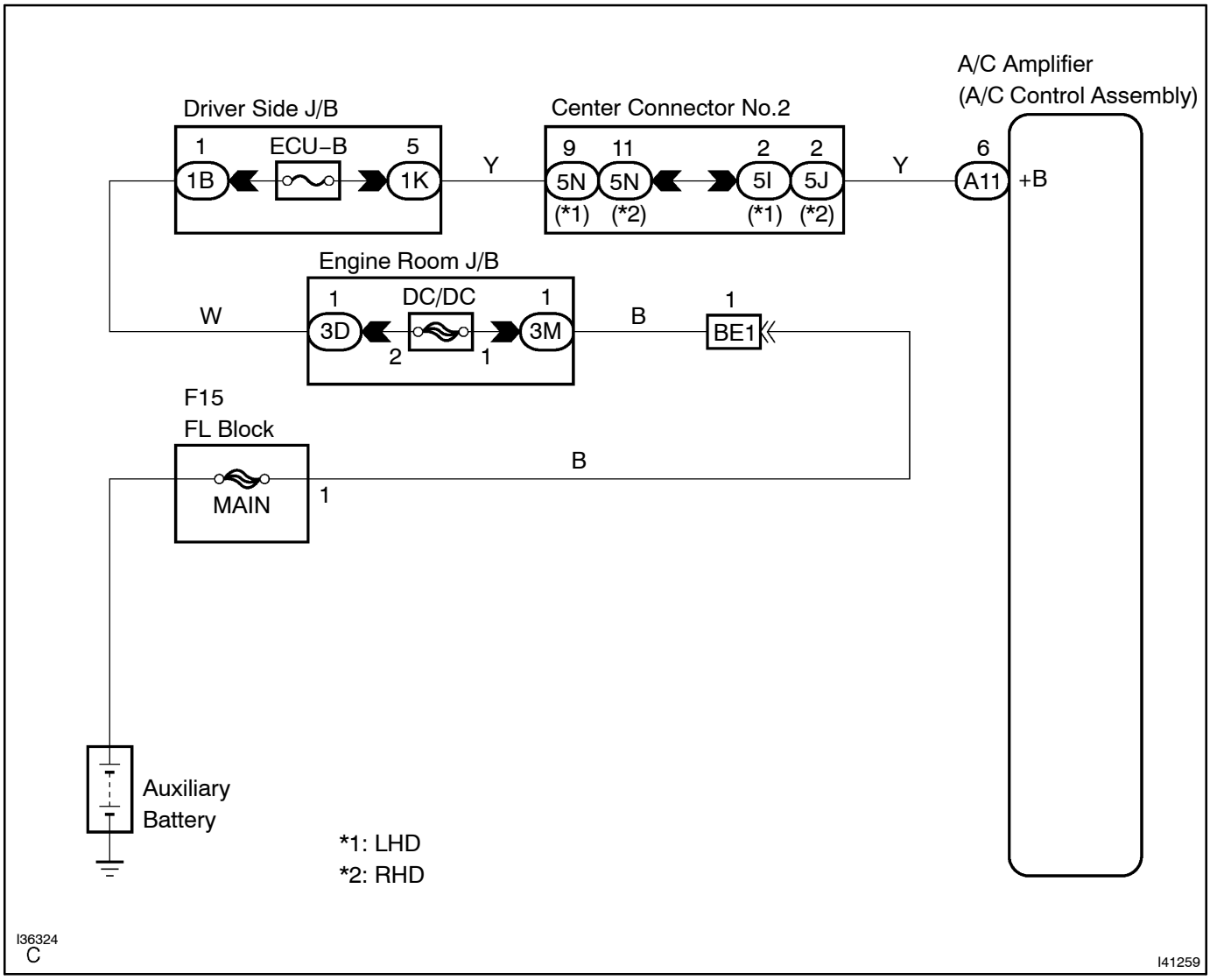
BACK–UP POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT FUSE(ECU–B)

(a) Remove the ECU–B fuse from the driver side J/B.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

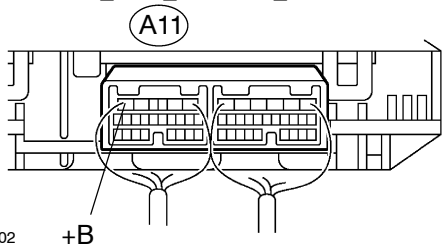
Tester item	Condition	Specified condition
ECU–B fuse	Always	Below 1 Ω

NG → **CHECK FOR SHORT IN ALL HARNESS AND COMPONENTS CONNECTED FAILURE FUSE(ECU–B FUSE)**

OK

2	INSPECT AIR CONDITIONING AMPLIFIER(+B – BODY GND)

Air Conditioning Amplifier Connector Wire Harness View:



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

Standard:

Tester connection	Condition	Specified condition
A11–6 (+B) – Body ground	Always	10 to 14 V

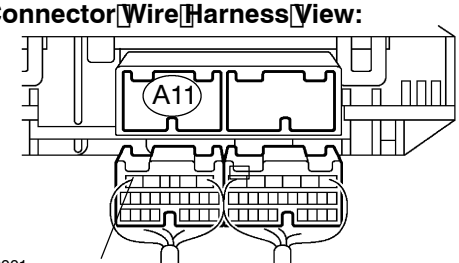
NG → **Go to step 3**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1035)

3	CHECK HARNESS AND CONNECTOR(AIR CONDITIONING AMPLIFIER – BODY GROUND) (SEE PAGE 01–46)

Air Conditioning Amplifier Connector Wire Harness View:



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

Standard:

Tester connection	Condition	Specified condition
A11–6 (+B) – Body ground	Always	10 to 14 V

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (ECU – A/C AMPLIFIER)**

OK

REPLACE AIR CONDITIONING AMPLIFIER (SEE PAGE 55–52)