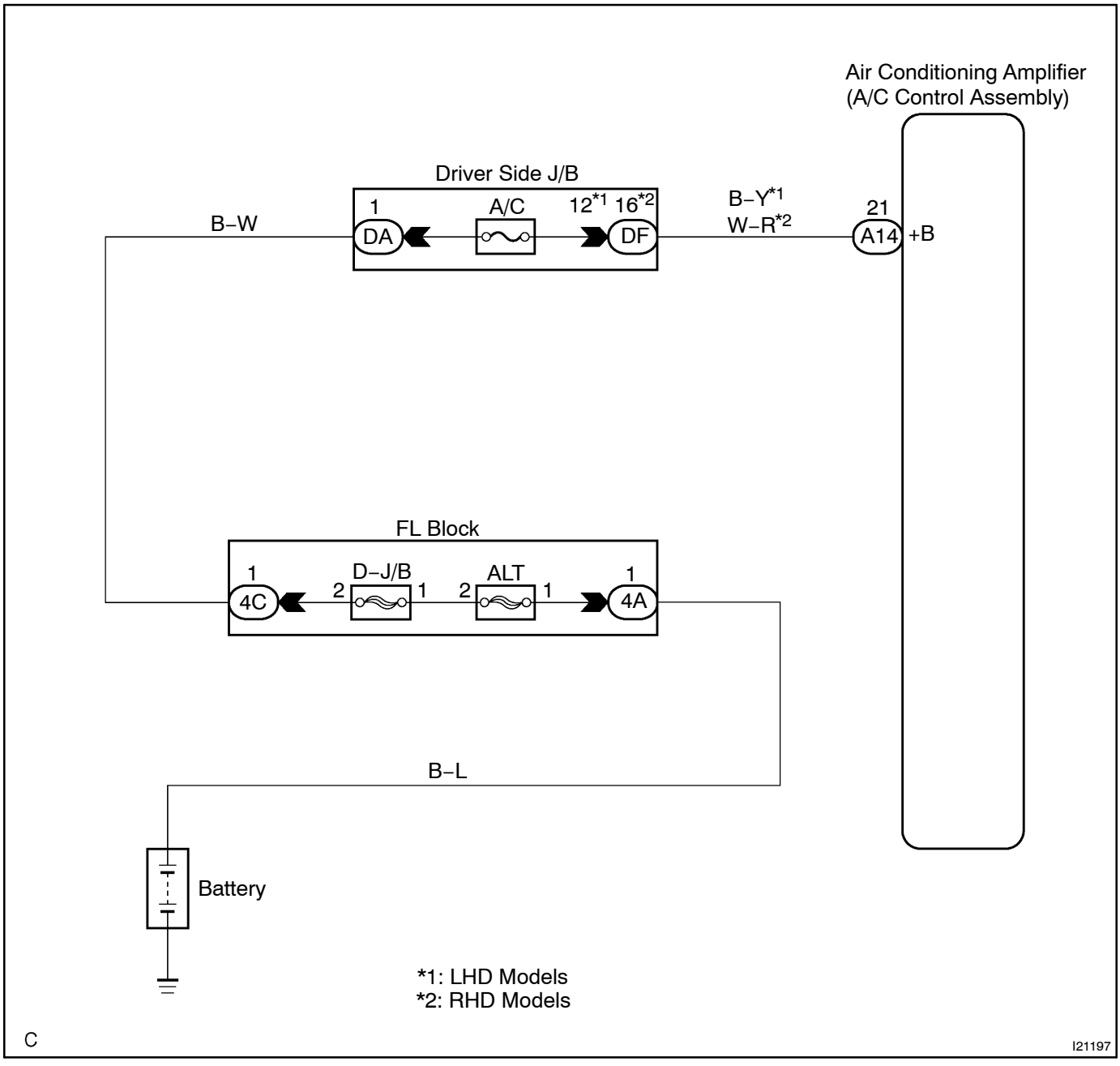
BACK–UP POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



INSPECTION PROCEDURE

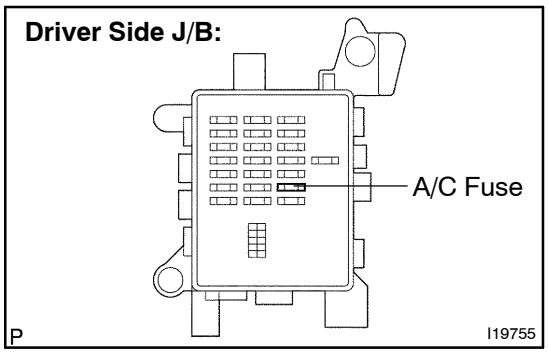
1	INSPECT RADIO AND RECEIVER ASSY

(a) Turn the ignition switch to the ON position.
(b) Turn the radio and receiver assy on.
(c) Set the radio channels and register them.
(d) Turn the ignition switch off.
(e) Turn the ignition switch to the ON position.
(f) Turn the radio and receiver assy on.
(g) Check if the registered memory is deleted or not.
OK:
The registered memory is not deleted.

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (DRIVER SIDE J/B – BATTERY)**

OK

2	INSPECT FUSE(A/C)



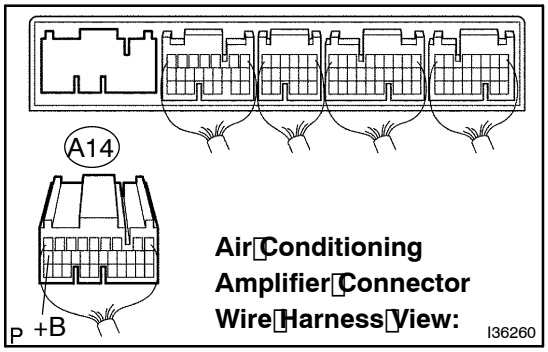
(a) Remove the A/C fuse from the driver side J/B.
(b) Measure the resistance according to the value(s) in the table below.
Standard:

Tester item	Condition	Specified condition
A/C fuse	Always	Below 1 Ω

NG → **CHECK FOR SHORT IN ALL HARNESSES AND COMPONENTS CONNECTED TO FAILURE FUSE**

OK

3	INSPECT AIR CONDITIONING AMPLIFIER (B – BODY GROUND)



(a) Remove the A/C amplifier assy and disconnect the connector.

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

Standard:

Tester connection	Condition	Specified condition
A14–21 (+B) – Body ground	Always	10 to 14 V

NG → **REPAIR OR REPLACE WIRE HARNESS (AIR CONDITIONING AMPLIFIER – BATTERY)**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05–778)