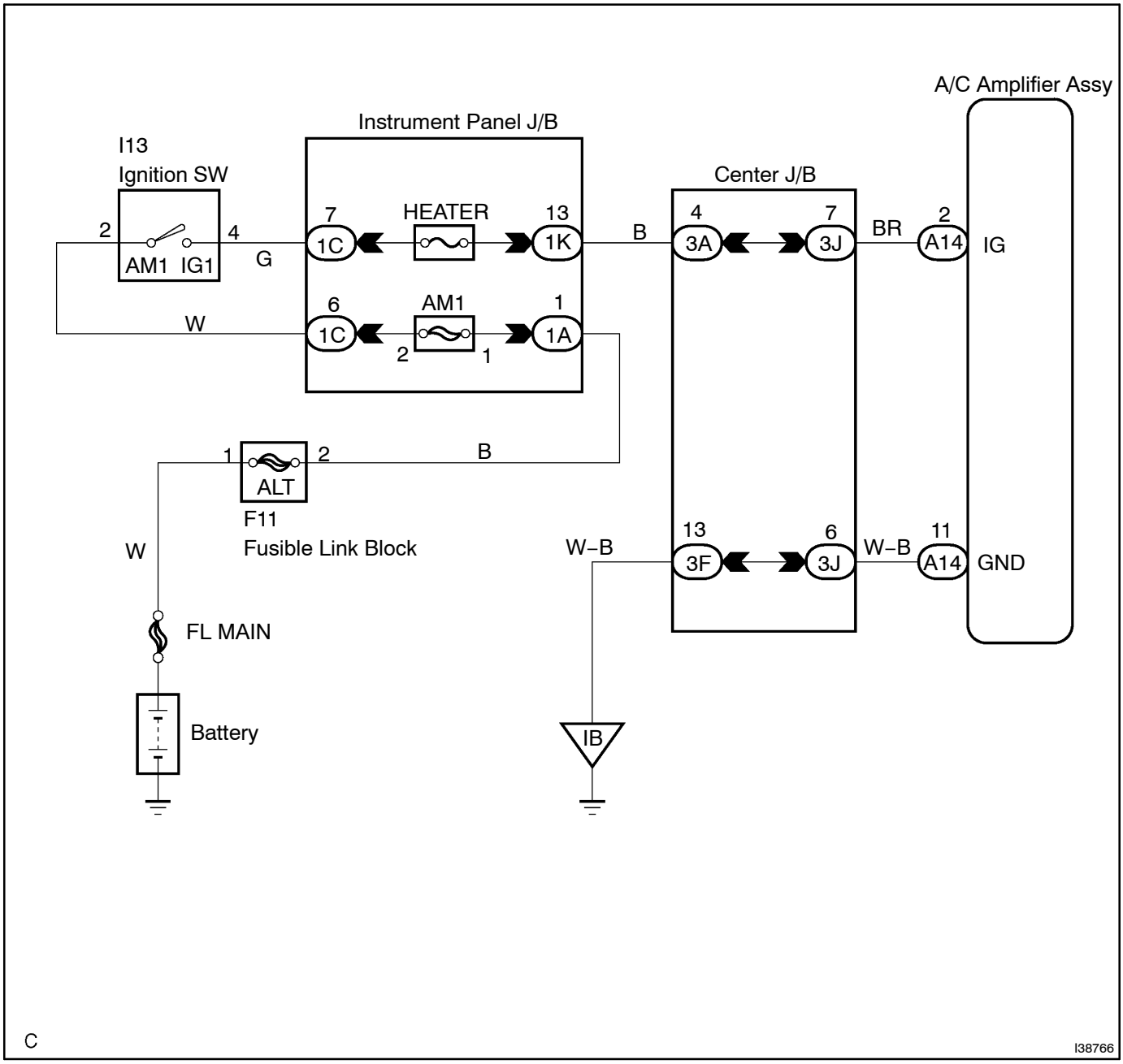
IG POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

This is the power source for the A/C amplifier assy and servomotor, etc.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK FUSE(HEATER, AM1 FUSES)

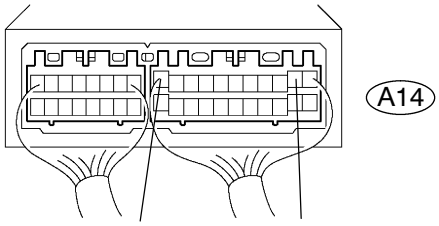
(a) Remove the HEATER and AM1 fuses from the instrument panel J/B.
(b) Check that the continuity exists in HEATER and AM1 fuses.

NG → REPLACE FUSE

OK

2	INSPECT AIRCONDITIONER AMPLIFIER ASSY(IG, GND)

A/C Amplifier Connector Wire Harness View:



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

Standard:

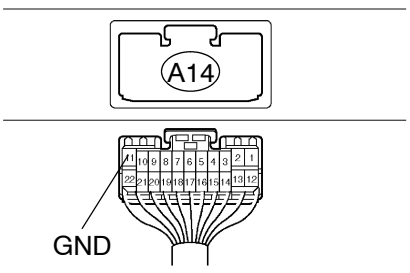
Tester connection	Condition	Specified condition
A14–2 (IG) – A14–11 (GND)	Ignition switch ON	10 to 14 V

OK → PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–435)

NG

3	CHECK HARNESS AND CONNECTOR(A/C AMPLIFIER ASSY – BODY GROUND)

A/C Amplifier Connector Wire Harness View:



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

Standard:

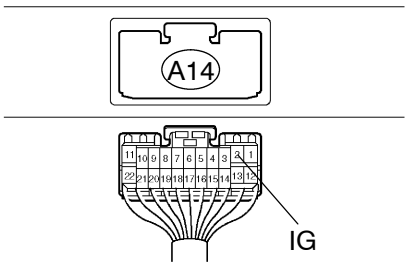
Tester connection	Condition	Specified condition
A14–11 (GND) – Body ground	Always	Below 1 Ω

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4	CHECK HARNESS AND CONNECTOR(A/C AMPLIFIER ASSY – BATTERY)

A/C Amplifier Connector Wire Harness View:



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

Standard:

Tester connection	Condition	Specified condition
A14–2 (IG) – Body ground	Ignition switch OFF → ON	Below 1.0 V → 10 to 14 V

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

OK

REPLACE AIRCONDITIONER AMPLIFIER ASSY