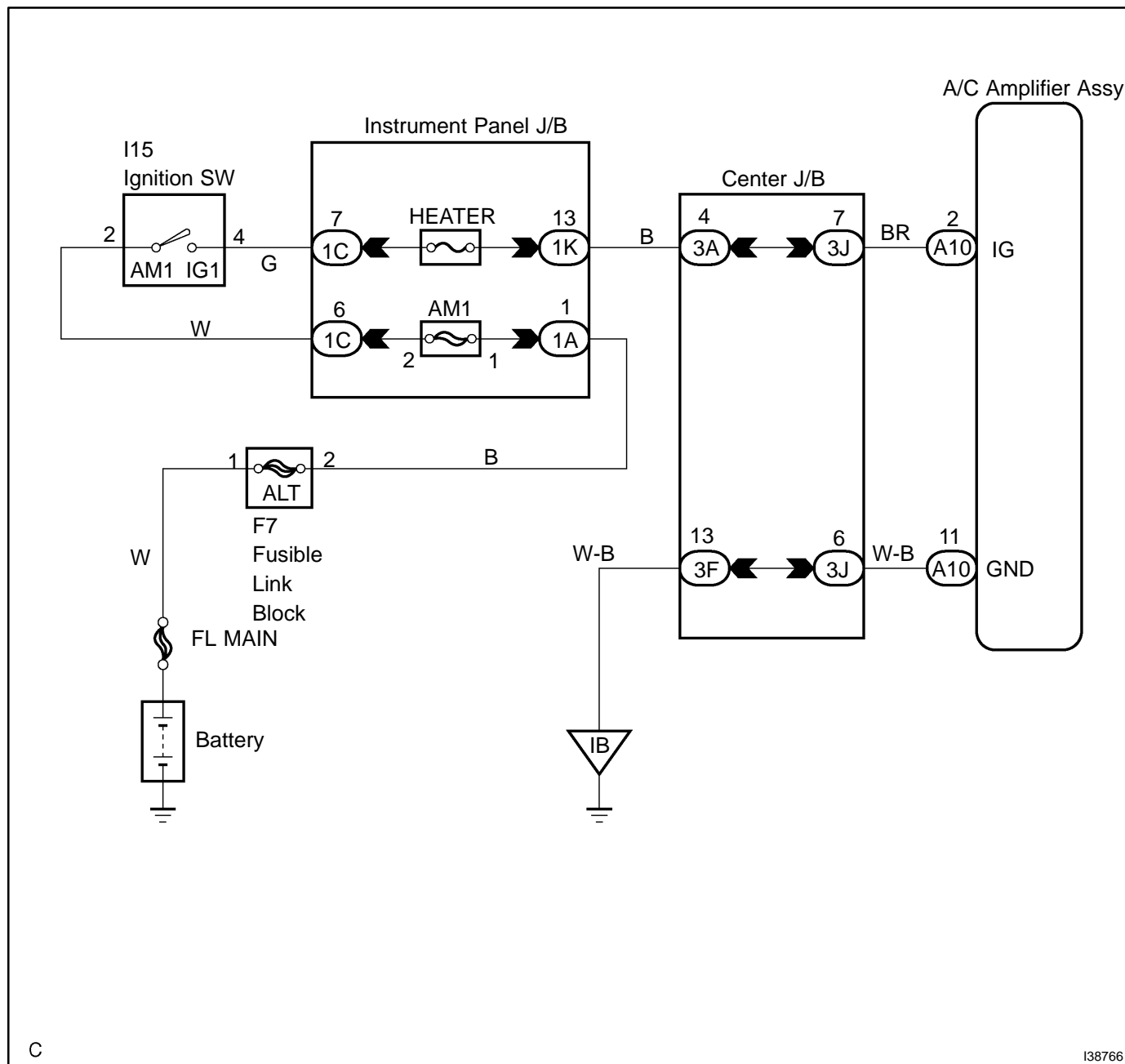


IG POWER SOURCE CIRCUIT

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.

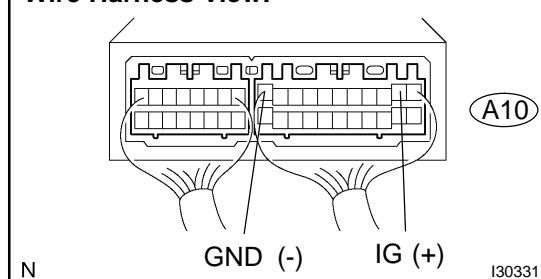
NG

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
A10-2 (IG) - A10-11 (GND)	Ignition switch ON	10 to 14 V

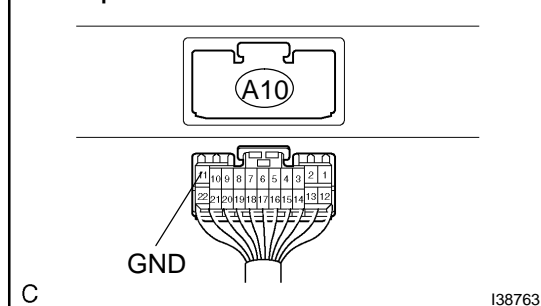
OK

PROCEED TO NEXT CIRCUIT INSPECTION
SHOWN IN PROBLEM SYMPTOMS TABLE (SEE
PAGE 05-1 129)

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
A10-11 (GND) - Body ground	Always	Below 1 Ω

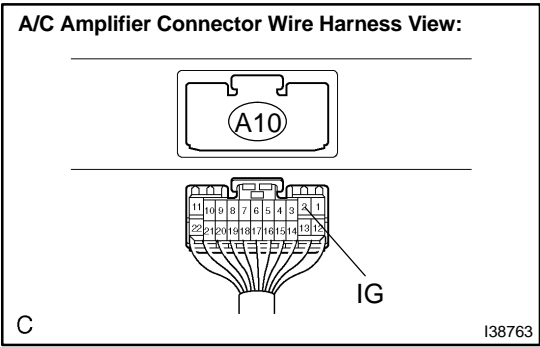
NG

REPAIR OR REPLACE HARNESS OR
CONNECTOR

OK

4

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



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

Standard:

Tester connection	Condition	Specified condition
A10-2 (IG) - Body ground	Ignition switch OFF → ON	Below 1.0 V → 10 to 14 V

NG

REPAIR OR
CONNECTOR

REPLACE HARNESS OR

OK

REPLACE AIRCONDITIONER AMPLIFIER ASSY