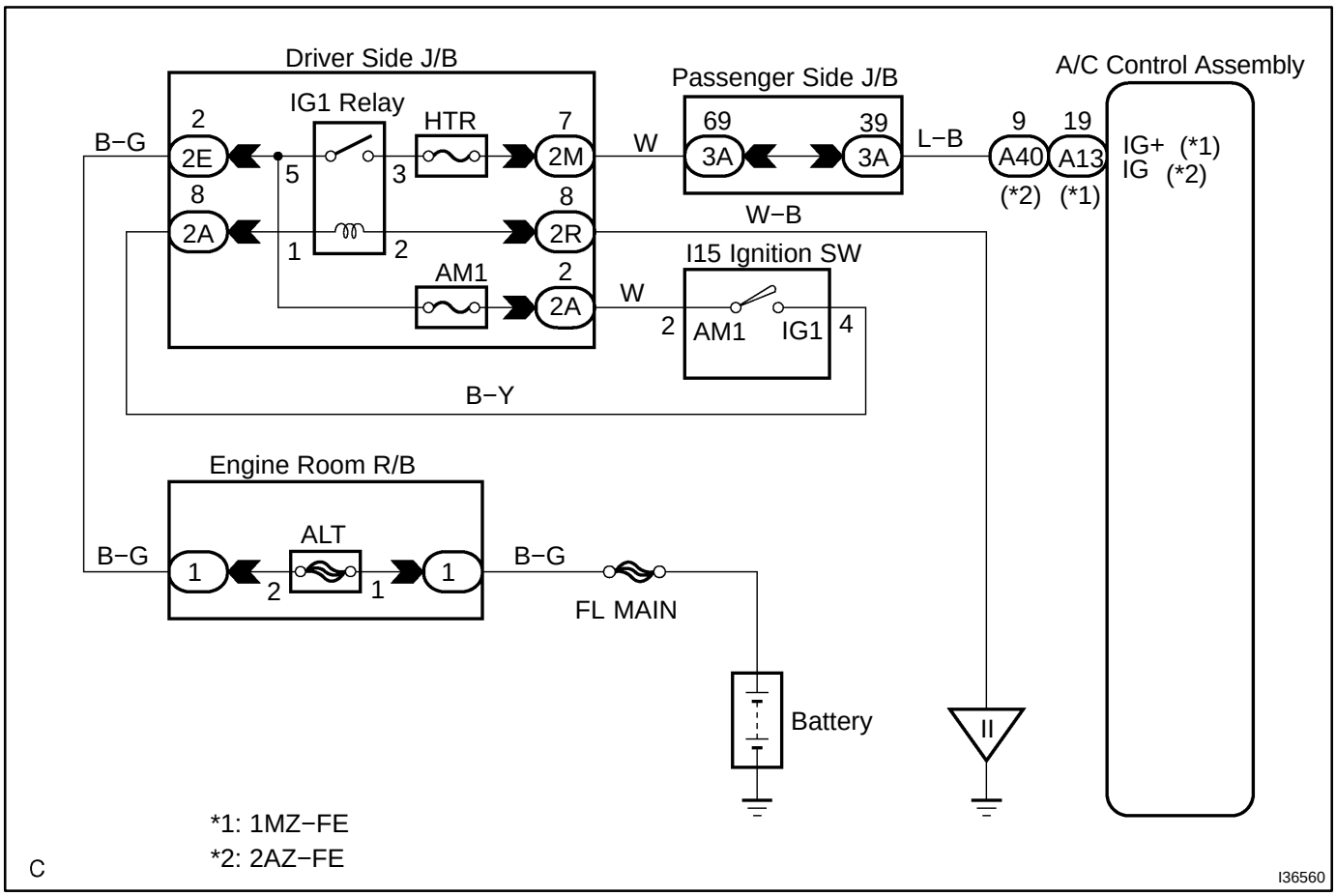
IG POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

This is the power source for the air conditioner amplifier (contains the ECU) and servomotor, etc.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK FUSE(HTR FUSE)

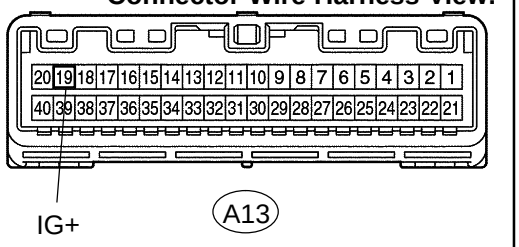
(a) Remove the HTR fuse from the driver side J/B.
(b) Check that the continuity exists of HTR fuse.

NG → **REPLACE FUSE**

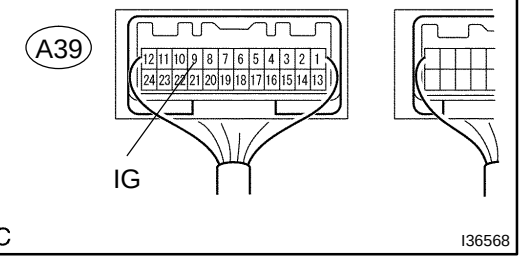
OK

2	CHECK HARNESS AND CONNECTOR(HEATER CONTROL HOUSING SUB−ASSY − BATTERY)

1MZ−FE: A/C Control Assembly Connector Wire Harness View:



2AZ−FE: A/C Control Assembly Connector Wire Harness View:



(a) Remove the A/C amplifier assy with connectors still connected.
(b) 1MZ−FE:
Measure voltage according to the value(s) in the table below.

Standard:

Tester connected	Condition	Specified condition
A13−19 (IG+) − Body ground	Ignition switch ON	10 to 14 V
A13−19 (IG+) − Body ground	Ignition switch OFF	0 V

(c) 2AZ−FE:
Measure voltage according to the value(s) in the table below.

Standard:

Tester connected	Condition	Specified condition
A39−9 (IG) − Body ground	Ignition switch ON	10 to 14 V
A39−9 (IG) − Body ground	Ignition switch OFF	0 V

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE