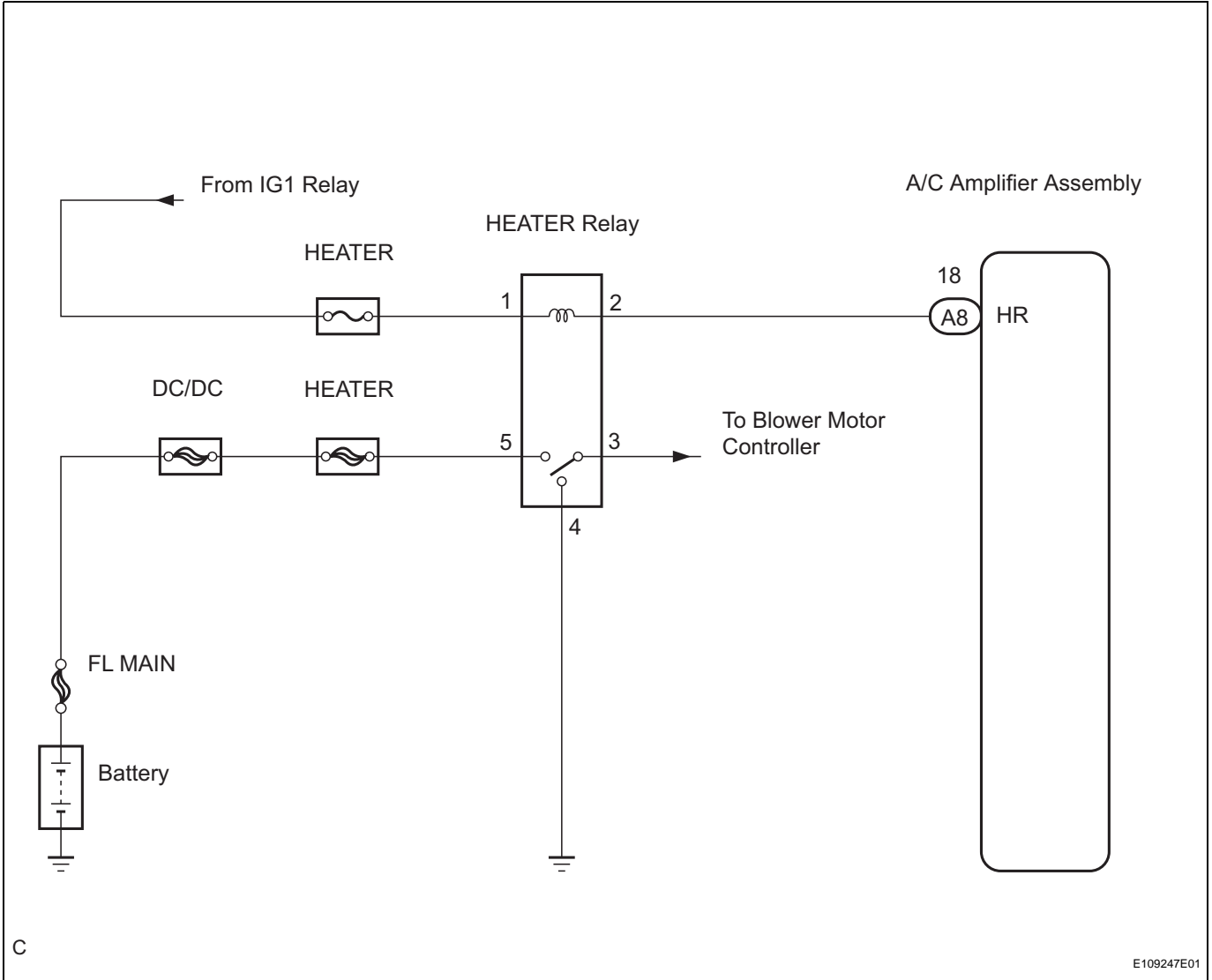


Heater Relay Circuit

DESCRIPTION

The heater relay is turned on by signals from the A/C amplifier assembly. It supplies power to the blower motor controller.

WIRING DIAGRAM



AC

1 CHECK HEATER FUSE

- (a) Remove the HEATER fuse from the instrument panel J/ B.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

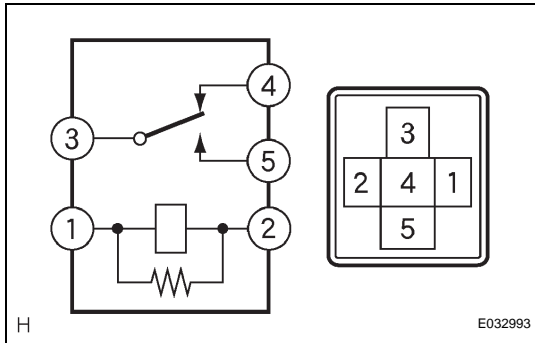
Tester item	Condition	Specified condition
HEATER fuse	Always	Below 1 Ω

NG REPLACE HEATER FUSE

OK

2 INSPECT HEATER RELAY

AC



- (a) Remove the HEATER relay from the R/B No. 3.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

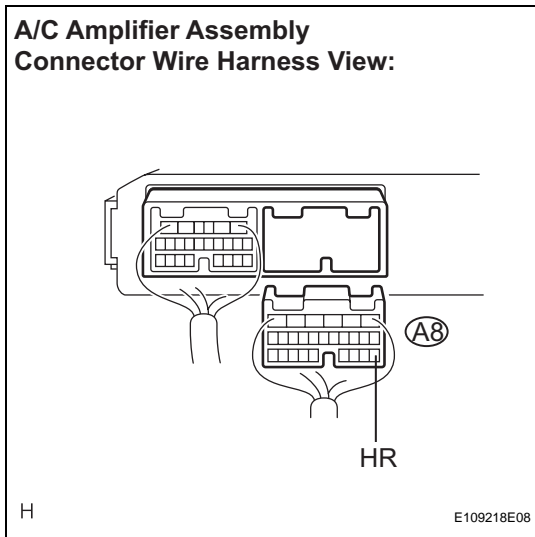
Tester connection	Condition	Specified condition
3 - 5	Always	10 kΩ or higher
3 - 5	When battery voltage applied to terminals 1 and 2	Below 1 Ω
3 - 4	Always	Below 1 Ω
3 - 4	When battery voltage applied to terminals 1 and 2	10 kΩ or higher

NG REPLACE HEATER RELAY

OK

3 CHECK HARNESS AND CONNECTOR (A/C AMPLIFIER ASSEMBLY - BODY GROUND)

A/C Amplifier Assembly Connector Wire Harness View:



- (a) Remove the A/C amplifier assembly with the connectors still connected.
- (b) Disconnect the connector from the A/C amplifier assembly.
- (c) Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester connection (Symbols)	Condition	Specified condition
A8-18 (HR) - Body ground	Ignition switch position OFF Blower switch position OFF	Below 1 V
A8-18 (HR) - Body ground	Ignition switch position ON Blower switch position ON	Below 1 V
A8-18 (HR) - Body ground	Ignition switch position ON Blower switch position OFF	10 to 14 V

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

AC