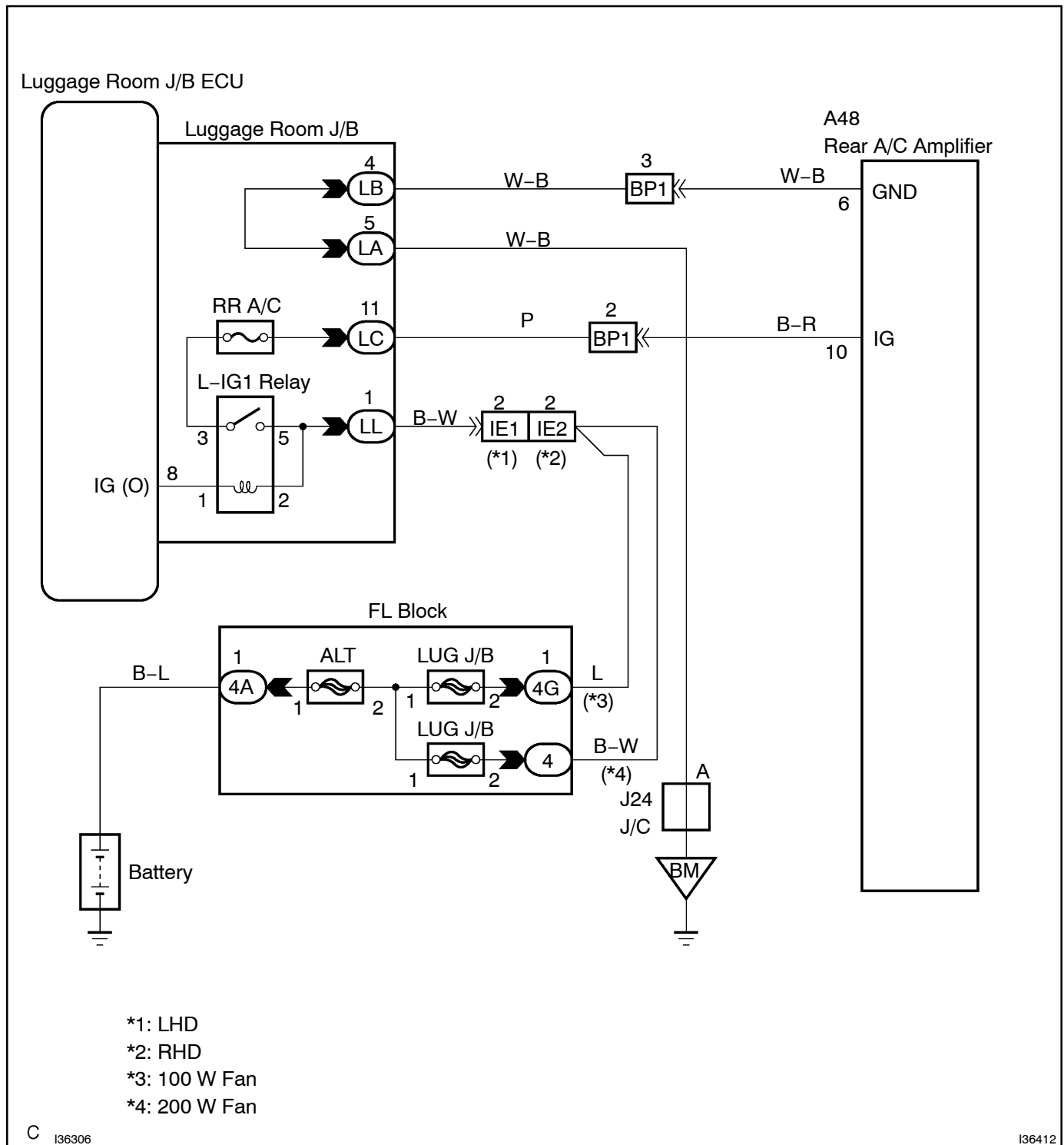


REAR IG POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

The main power source is supplied to the A/C amplifier when the ignition switch is turned to the ON position. The power source supplied is used for operating the A/C amplifier and servomotor, etc.

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

Start the engine before inspection. Check the IG1 relay or battery if the engine does not start.

1 INSPECT FUSE (RR A/C)

- (a) Remove the RR A/C fuse from the luggage room J/B.
 (b) Measure the resistance according to the value(s) in the table below.

Standard:

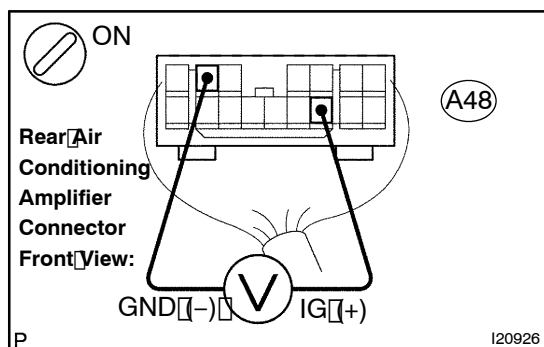
Tester/Item	Condition	Specified Condition
RR A/C fuse	Always	Below 1 Ω

NG

CHECK FOR SHORT IN ALL HARNESS AND COMPONENTS CONNECTED TO FAILURE FUSE (RR A/C FUSE)

OK

2 INSPECT REAR AIR CONDITIONING AMPLIFIER (IG - GND)



- (a) Remove the A/C amplifier Assy with connectors still connected.
 (b) Turn the ignition switch to the ON position.
 (c) Measure the voltage according to the value(s) in the table below.

Standard:

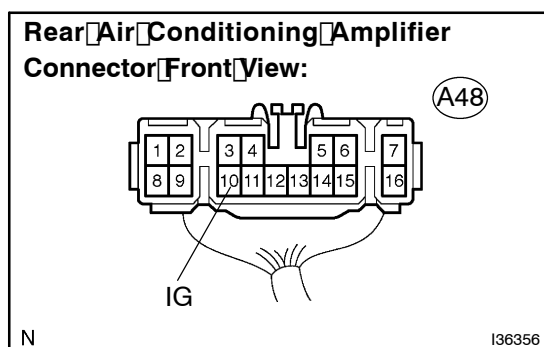
Tester Connection	Condition	Specified Condition
A48-10 (IG) - A48-6 (GND)	Ignition switch OFF → ON	Below 1 V → 0 to 14 V

NG

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

OK

3 CHECK HARNESS AND CONNECTOR (REAR AIR CONDITIONING AMPLIFIER - BATTERY) (SEE PAGE 01-44)



- (a) Disconnect the rear A/C amplifier connector.
 (b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
A48-10 (IG) - Body ground	Ignition switch OFF → ON	Below 1.0 V → 10 to 14 V

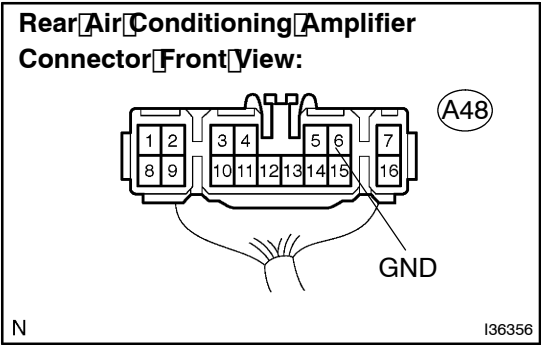
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4

CHECK HARNESS AND CONNECTOR (REAR AIR CONDITIONING AMPLIFIER - BODY GROUND) (SEE PAGE 01-44)



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

Standard:

Tester connection	Condition	Specified condition
A48-6 (GND) - Body ground	Always	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE REAR AIR CONDITIONING AMPLIFIER (SEE PAGE 55-57)