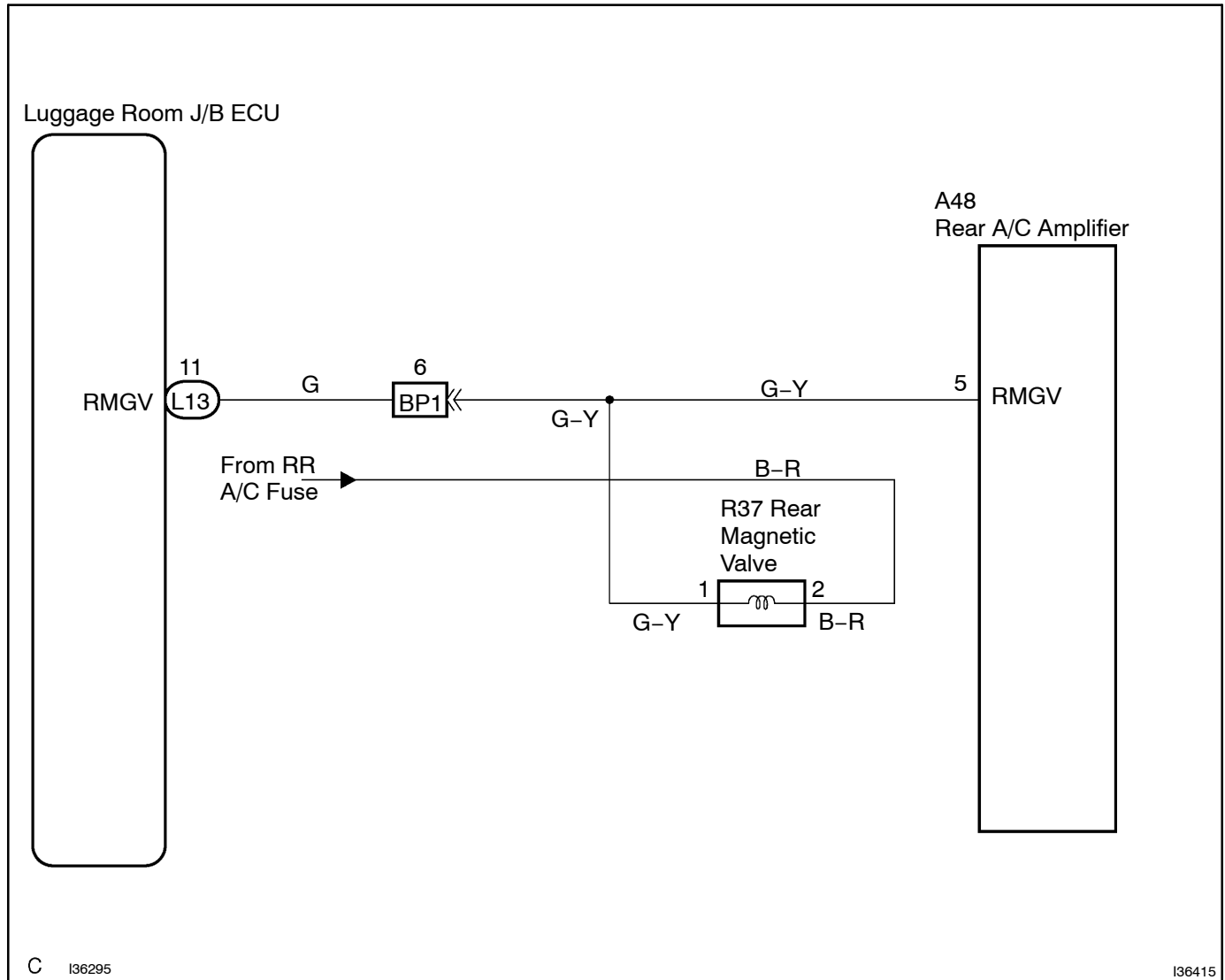


REAR MAGNETIC VALVE CIRCUIT

CIRCUIT DESCRIPTION

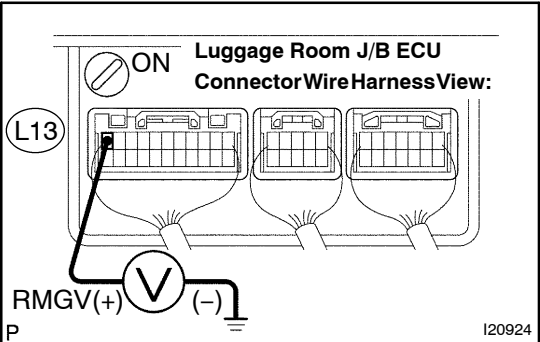
The rear magnetic valve is controlled by luggage room J/B ECU and A/C amplifier operation.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT LUGGAGE ROOM J/B ECU(RMGV - BODY GROUND)



- (a) Remove the luggage room J/B ECU with connectors still connected.
- (b) Measure the voltage according to the value(s) in the table below.

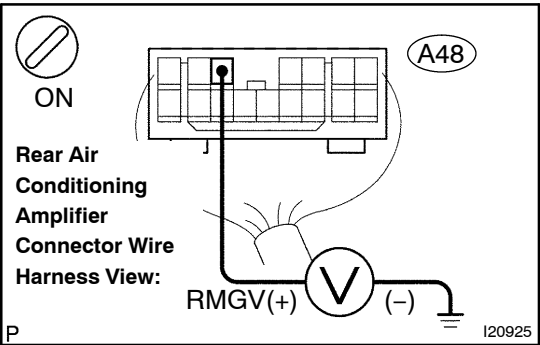
Standard:

Tester connection	Condition	Specified condition
L13-11 (RMGV) - Body ground	Turn the ignition switch to ON position Turn the rear A/C switch to ON position	Below 1 V

NG Go to step 4

OK

2 INSPECT REAR AIR CONDITIONING AMPLIFIER(RMGV - BODY GROUND)



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

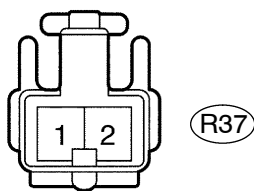
Standard:

Tester connection	Condition	Specified condition
A48-5 (RMGV) - Body ground	Turn the ignition switch to ON position Turn the rear A/C switch to ON position	Below 1 V

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (REAR AIR CONDITIONING AMPLIFIER - REAR MAGNETIC VALVE)

OK

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

3 CHECK HARNESS AND CONNECTOR(LUGGAGE ROOM J/B – REAR MAGNETIC VALVE) (SEE PAGE 01-44)**Rear Magnetic Valve Connector Front View:**

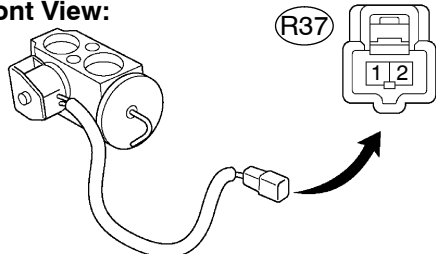
P I36359

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

Standard:

Tester connection	Condition	Specified condition
R37-1 – Body ground	Ignition switch OFF → ON	Below 1 V → 10 V to 14 V

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****4 INSPECT REAR MAGNETIC VALVE****Rear Magnetic Valve Connector Front View:**

I06706

- (a) Remove the rear magnetic valve.
(b) Check the air passage through the valve with and without the battery positive voltage applied between terminals as shown in the chart.

Standard:

Condition	Specified condition
Apply B+ between terminals	Free passage
No Apply B+ between terminals	No passage

NG**REPLACE REAR MAGNETIC VALVE****OK****REPAIR OR REPLACE HARNESS OR CONNECTOR(REAR MAGNETIC VALVE – LUGGAGE ROOM J/B ECU)**