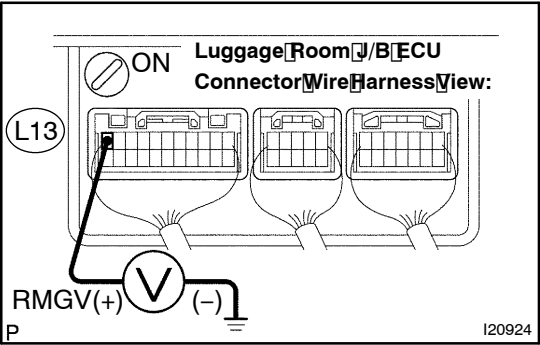


The diagram shows the electrical connections for the Rear A/C Amplifier (A48) and the Rear Magnetic Valve (R37). The Luggage Room J/B ECU is connected to the Rear A/C Amplifier via a wire labeled G-Y. The Rear A/C Amplifier is connected to the Rear Magnetic Valve via a wire labeled B-R. The Rear Magnetic Valve is connected to the Rear A/C Amplifier via a wire labeled G-Y. The Rear A/C Amplifier is also connected to the Rear Magnetic Valve via a wire labeled B-R. The Rear A/C Amplifier is connected to the Rear Magnetic Valve via a wire labeled G-Y. The Rear A/C Amplifier is connected to the Rear Magnetic Valve via a wire labeled B-R.

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.

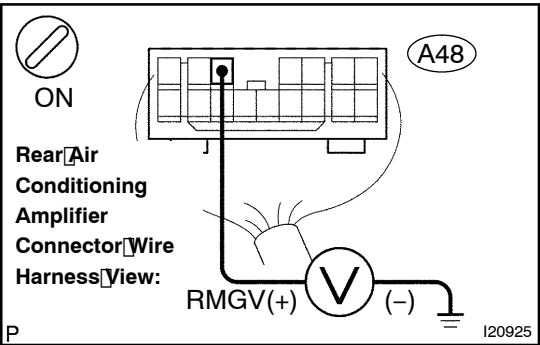
Standard:

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

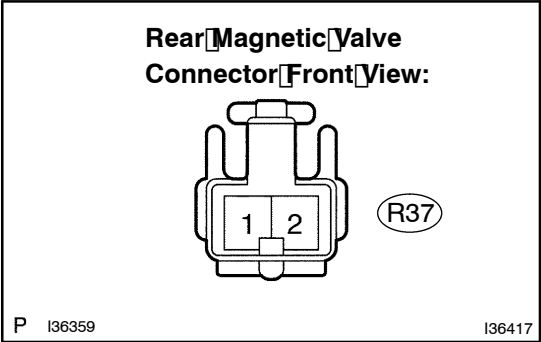
NG REPAIR OR REPLACE HARNESS OR CONNECTOR (REAR AIR CONDITIONING AMPLIFIER - REAR MAGNETIC VALVE)

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)



- (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

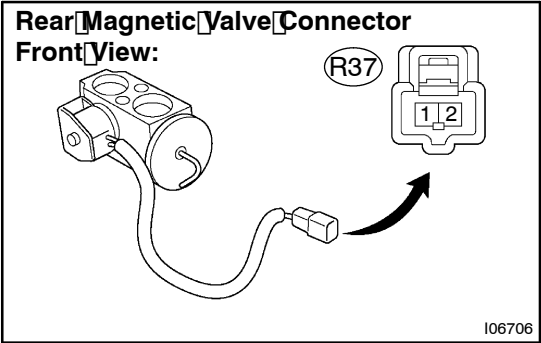
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4

INSPECT REAR MAGNETIC VALVE



- (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)