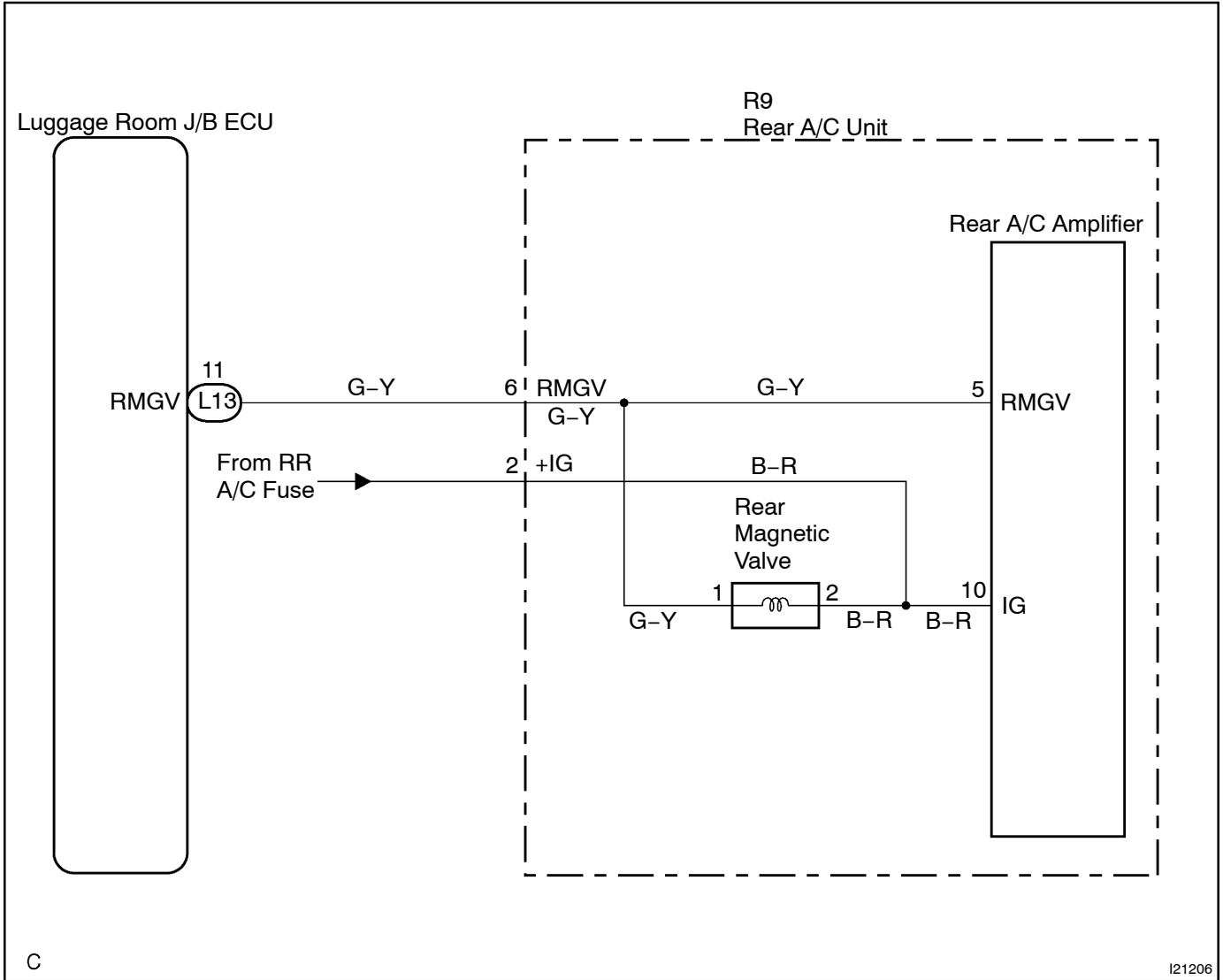


# Rear Magnetic Valve Circuit

## CIRCUIT DESCRIPTION

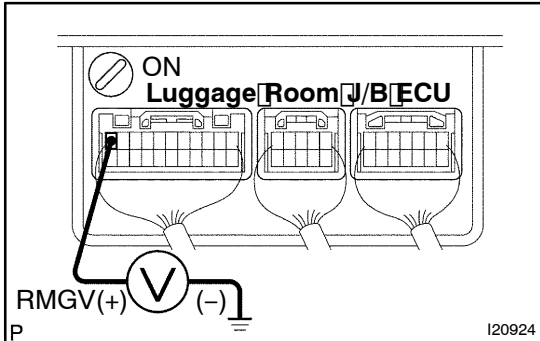
The rear magnetic valve is controlled by luggage room J/B ECU and A/C amplifier operation.

## WIRING DIAGRAM



## INSPECTION PROCEDURE

- 1 Check voltage between terminals RMGV of luggage room J/B ECU connector and body ground.

**PREPARATION:**

Remove the luggage room J/B ECU with connectors still connected.

**CHECK:**

- Turn ignition switch to ON.
- Rear A/C switch to ON.
- Measure voltage between terminals RMGV of luggage room J/B ECU connector and body ground.

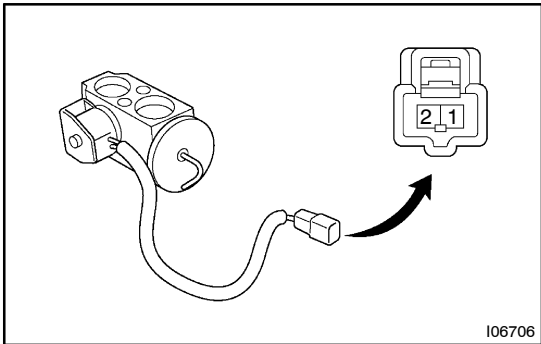
**OK:**

Voltage: Below 1.0V

OK Go to step 4.

NG

- 2 Check rear magnetic valve.

**PREPARATION:**

Remove the rear magnetic valve (See page AC-38).

**CHECK:**

Check the air passage through the valve with and without the battery positive voltage applied between terminals as shown in the chart.

**OK:**

Condition	Air passage
Apply B+ between terminals	Free passage
Not apply B+ between terminals	No passage

NG Replace rear magnetic valve.

OK

- 3 Check harness and connector between luggage room J/B ECU and rear magnetic valve (See page IN-35).

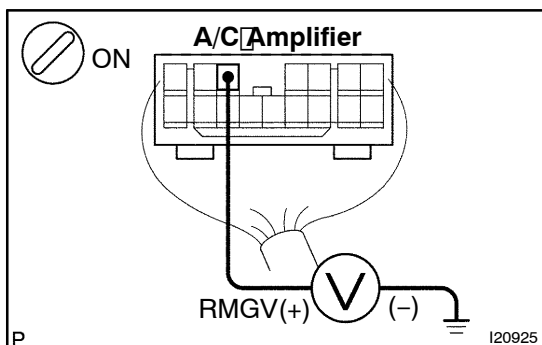
NG

Repair or replace harness or connector.

OK

Check and replace luggage room J/B ECU.

- 4 Check voltage between terminals RMGV of A/C amplifier connector and body ground.

**PREPARATION:**

Remove the A/C amplifier with connectors still connected.

**CHECK:**

- Turn ignition switch to ON.
- Rear A/C switch to ON.
- Measure voltage between terminals RMGV of A/C amplifier connector and body ground.

**OK:**

Voltage: Below 1.0V

OK

Go to step 6.

NG

- 5 Check harness and connector between RMGV of A/C amplifier and rear magnetic valve (See page IN-35).

NG

Repair or replace harness or connector.

OK

6 Check harness and connector between IG of A/C amplifier and rear magnetic valve (See page IN-35).

NG

Repair or replace harness or connector.

OK

Check and replace A/C amplifier.