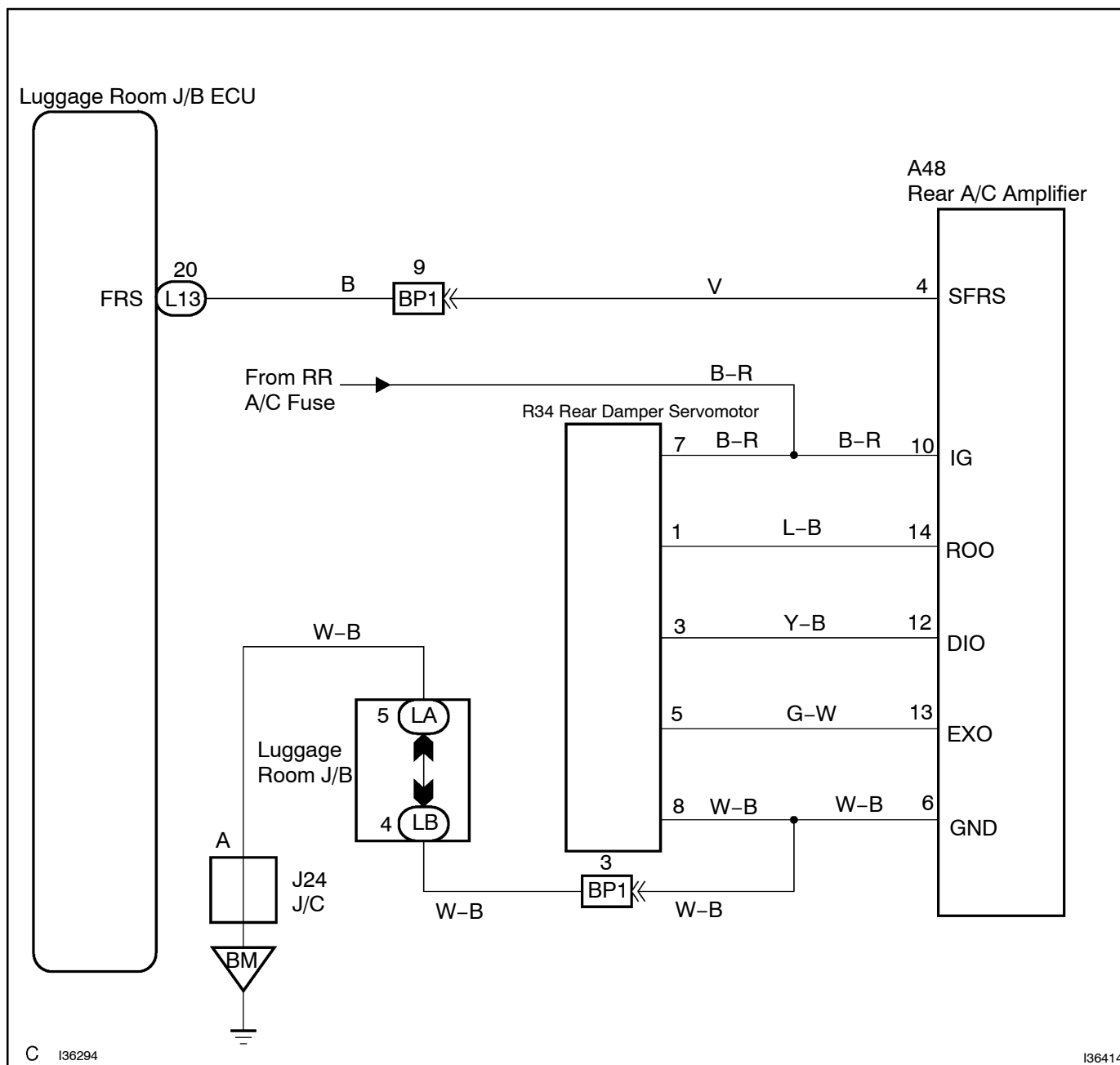


EXHAUST DAMPER CONTROL SERVOMOTOR CIRCUIT

CIRCUIT DESCRIPTION

The exhaust damper control servomotor is controlled by the luggage room J/B ECU and moves the rear exhaust damper to the desired position.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 PERFORM ACTUATOR CHECK

- (a) Warm up the engine.
 (b) Set the actuator check mode (see page 05-774).
 (c) Press the driver temperature up switch, and change to step operation.
 (d) Press the driver temperature up switch, and check the air flow by hand.

Display Code	Rear A/C Mode	Exhaust Damper	Condition
0	OFF	Exhaust position	No air comes out
1	LO A/P	Diffusion position	No air comes out
2	HI A/P	Diffusion position	No air comes out
3 to 4	HI A/C	Cool position	Cool air comes out
5	LO A/C	Cool position	Cool air comes out
6 to 9	OFF	Cool position	No air comes out

A/P: Air purifier

OK:

Exhaust damper position changes in accordance with each display code.

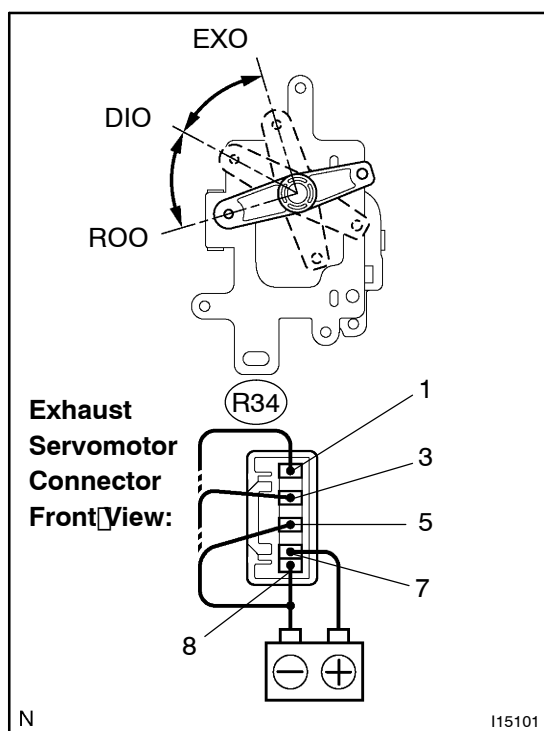
NG

Go to step 2

OK

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

2 INSPECT EXHAUST SERVOMOTOR



- (a) Remove the exhaust servomotor.
 (b) Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 3, then check that the lever turns to the "ROO" position smoothly.
 (c) Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 5, then check that the lever turns to the "DIO" position smoothly.
 (d) Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 7, then check that the lever turns to the "EXO" position smoothly.

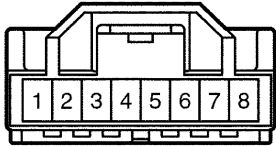
NG

REPLACE EXHAUST SERVOMOTOR

OK

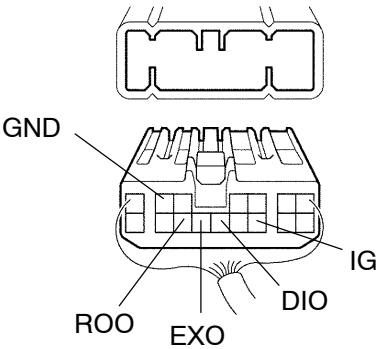
3 CHECK HARNESS AND CONNECTOR (EXHAUST SERVOMOTOR - REAR AIR CONDITIONING AMPLIFIER) (SEE PAGE 01-44)

Exhaust Servomotor Connector
Front View:



R34

Rear Air Conditioning Amplifier
Connector Wire Harness View:



A48

I36263

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

Standard:

Tester Connection	Condition	Specified Condition
A48-10 (IG) - R34-7	Always	Below 1 Ω
A48-14 (ROO) - R34-1	Always	Below 1 Ω
A48-12 (DIO) - R34-3	Always	Below 1 Ω
A48-13 (EXO) - R34-5	Always	Below 1 Ω
A48-6 (GND) - R34-8	Always	Below 1 Ω
A48-10 (IG) - Body ground	Always	10 kΩ or higher
A48-14 (ROO) - Body ground	Always	10 kΩ or higher
A48-12 (DIO) - Body ground	Always	10 kΩ or higher
A48-13 (EXO) - Body ground	Always	10 kΩ or higher
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)