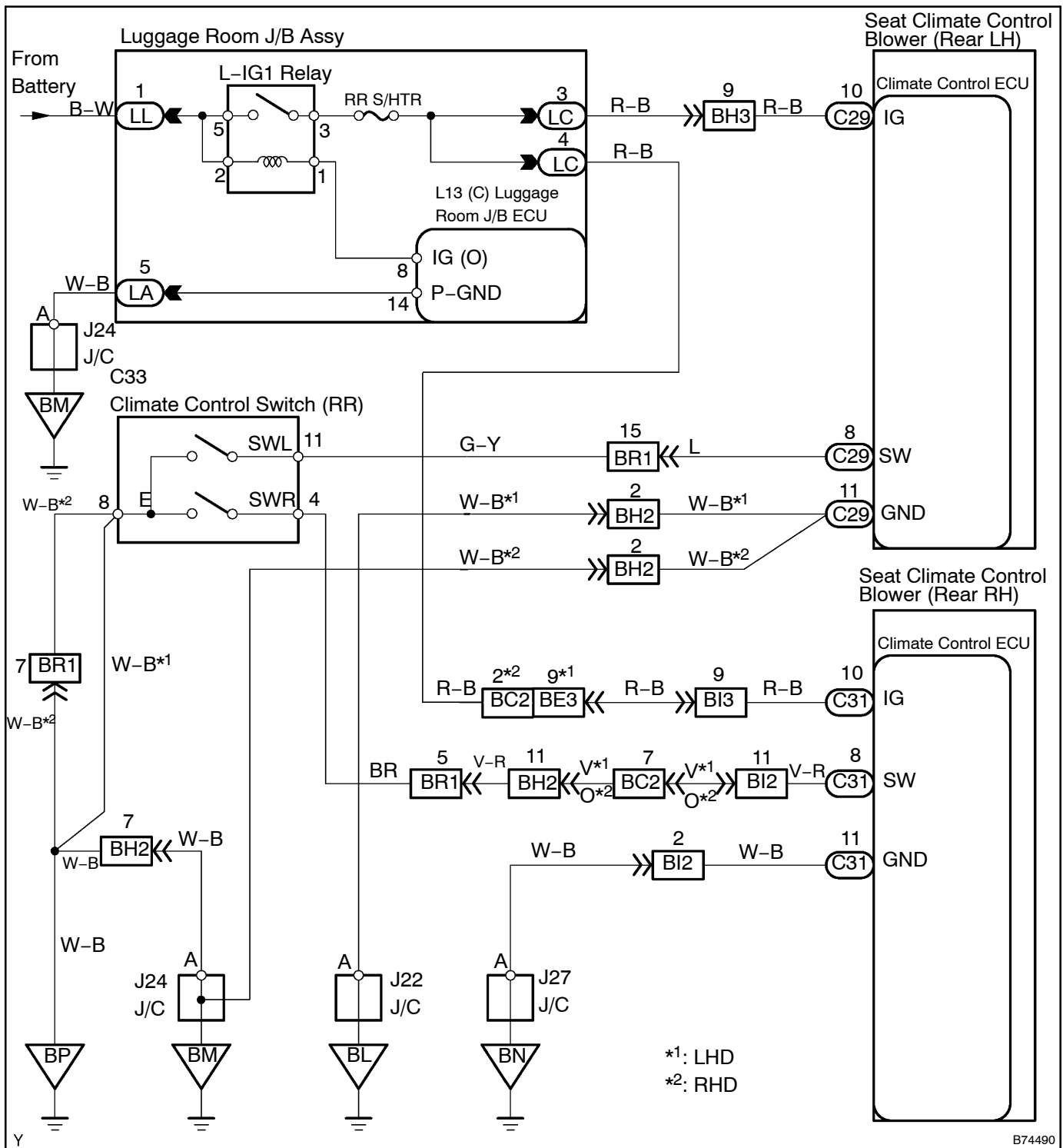


# CLIMATE CONTROL SYSTEM DOES NOT OPERATE ON REAR SIDE

## CIRCUIT DESCRIPTION

If the climate control seat does not operate, the seat climate control blower (climate control ECU), the climate control switch or the wire harness may be malfunctioning.

## WIRE DIAGRAM



## INSPECTION PROCEDURE

### 1 INSPECT FUSE (RR S/HTR)

- (a) Remove the RR S/HTR fuse from the luggage room J/B.  
 (b) Measure the resistance.

**Standard: Below 1  $\Omega$**

NG

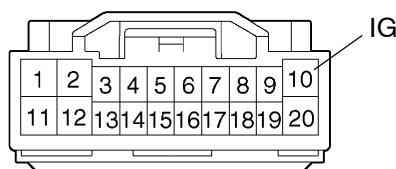
REPLACE FUSE

OK

### 2 CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU) - BODY GROUND))

#### Wire Harness Side

C29\*1 or C31\*2  
 Seat Climate Control Blower



Y \*1: Rear LH \*2: Rear RH

B74469

- (a) Disconnect the C29 or C31 blower connector.  
 (b) Measure the voltage of the wire harness side connector.

**Standard:**

**Rear LH**

| Tester Connection            | Condition          | Specified Condition |
|------------------------------|--------------------|---------------------|
| C29-10 (IG) -<br>Body ground | Ignition switch ON | 10 to 14 V          |

**Rear RH**

| Tester Connection            | Condition          | Specified Condition |
|------------------------------|--------------------|---------------------|
| C31-10 (IG) -<br>Body ground | Ignition switch ON | 10 to 14 V          |

NG

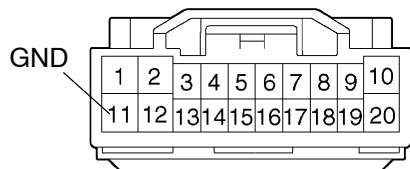
Go to step 5

OK

### 3 CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU) - BODY GROUND)

#### Wire Harness Side

C29\*1 or C31\*2  
 Seat Climate Control Blower



Y \*1: Rear LH \*2: Rear RH

B74469

- (a) Disconnect the C29 or C31 blower connector.  
 (b) Measure the resistance of the wire harness side connector.

**Standard:**

**Rear LH**

| Tester Connection          | Specified Condition |
|----------------------------|---------------------|
| C29-11 (GND) - Body ground | Below 1 $\Omega$    |

**Rear RH**

| Tester Connection          | Specified Condition |
|----------------------------|---------------------|
| C31-11 (GND) - Body ground | Below 1 $\Omega$    |

NG

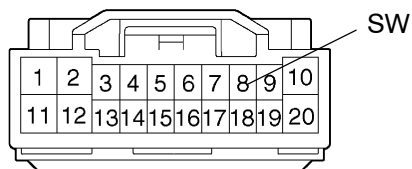
REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

#### 4 CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU) - BODY GROUND)

##### Wire Harness Side

C29\*1 or C31\*2  
Seat Climate Control Blower



Y \*1: Rear LH \*2: Rear RH

B74469

- Disconnect the C29 or C31 blower connector.
- Measure the resistance of the wire harness side connector.

##### Standard:

##### Rear LH

| Tester Connection           | Condition                 | Specified Condition |
|-----------------------------|---------------------------|---------------------|
| C29-8 (SW) -<br>Body ground | Climate control switch ON | Below 1 $\Omega$    |

##### Rear RH

| Tester Connection           | Condition                 | Specified Condition |
|-----------------------------|---------------------------|---------------------|
| C31-8 (SW) -<br>Body ground | Climate control switch ON | Below 1 $\Omega$    |

NG

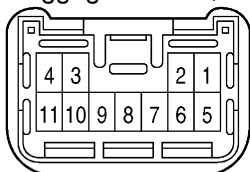
Go to step 10

OK

#### REPLACE SEAT CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU)

#### 5 CHECK WIRE HARNESS (LUGGAGE ROOM J/B ASSY - BODY GROUND)

LC  
Luggage Room J/B Assy



Y

B74497

- Disconnect the LC J/B connector.
- Measure the voltage of the J/B terminal.

##### Standard:

##### Rear LH

| Tester Connection  | Condition          | Specified Condition |
|--------------------|--------------------|---------------------|
| LC-3 - Body ground | Ignition switch ON | 10 to 14 V          |

##### Rear RH

| Tester Connection  | Condition          | Specified Condition |
|--------------------|--------------------|---------------------|
| LC-4 - Body ground | Ignition switch ON | 10 to 14 V          |

NG

Go to step 6

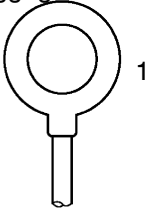
OK

#### REPAIR OR REPLACE HARNESS AND CONNECTOR (LUGGAGE ROOM J/B ASSY - CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU))

**6 CHECK WIRE HARNESS (LUGGAGE ROOM J/B ASSY - BODY GROUND)**

**Wire Harness Side**

LL  
Luggage Room J/B



Y

B74501

- (a) Disconnect the LL J/B terminal.
- (b) Measure the voltage of the wire harness side terminal.

**Standard:**

| Tester Connection  | Specified Condition |
|--------------------|---------------------|
| LL-1 - Body ground | 10 to 14 V          |

**NG**

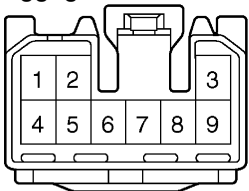
**REPAIR OR REPLACE HARNESS AND CONNECTOR**

**OK**

**7 CHECK WIRE HARNESS (LUGGAGE ROOM J/B ASSY - BODY GROUND)**

**Wire Harness Side**

LA  
Luggage Room J/B Assy



Y

B74481

- (a) Disconnect the LA J/B connector.
- (b) Measure the resistance of the wire harness side connector.

**Standard:**

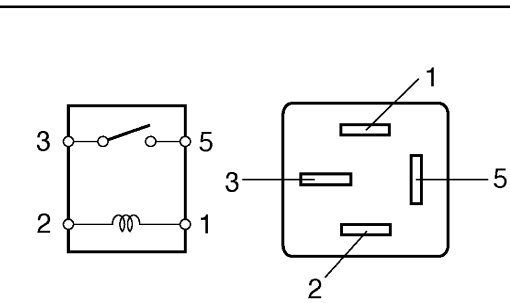
| Tester Connection  | Specified Condition |
|--------------------|---------------------|
| LA-5 - Body ground | Below 1 $\Omega$    |

**NG**

**REPAIR OR REPLACE HARNESS AND CONNECTOR**

**OK**

**8 INSPECT RELAY (L-IG1)**



T

A92673

- (a) Remove the L-IG1 relay from the luggage room J/B.
- (b) Measure the resistance.

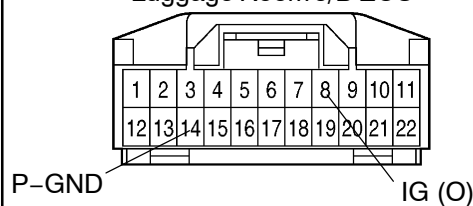
**Standard:**

| Tester Connection | Specified Condition                                                       |
|-------------------|---------------------------------------------------------------------------|
| 3 - 5             | 10 k $\Omega$ or higher                                                   |
| 3 - 5             | Below 1 $\Omega$<br>(when battery voltage is applied to terminal 1 and 2) |

**NG**

**REPLACE RELAY**

**OK**

**9 CHECK WIRE HARNESS (LUGGAGE ROOM J/B ECU - BODY GROUND)****Wire Harness Side**L13(C)  
Luggage Room J/B ECU

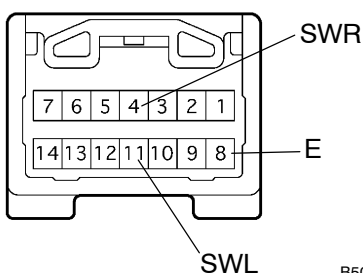
Y

B74500

- Disconnect the L13(C) J/B ECU connector.
- Measure the voltage of the wire harness side connector.

**Standard:**

| Tester Connection                   | Condition           | Specified Condition |
|-------------------------------------|---------------------|---------------------|
| L13 (C)-8 (IG(O)) -<br>Body ground  | Ignition switch OFF | 10 to 14 V          |
| L13 (C)-14 (P-GND) -<br>Body ground | Constant            | Below 1 $\Omega$    |

**NG****REPLACE LUGGAGE ROOM J/B ASSY****OK****REPLACE LUGGAGE ROOM J/B ECU****10 INSPECT CLIMATE CONTROL SWITCH**C33  
Climate control switch

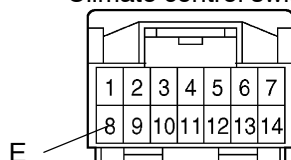
O

B50659

- Disconnect the C33 switch connector.
- Measure the resistance of the switch terminal.

**Standard:**

| Tester Connection           | Switch Condition | Specified Condition     |
|-----------------------------|------------------|-------------------------|
| C33-11 (SWL) -<br>C33-8 (E) | OFF              | 10 k $\Omega$ or higher |
| C33-11 (SWL) -<br>C33-8 (E) | ON               | Below 1 $\Omega$        |
| C33-4 (SWR) -<br>C33-8 (E)  | OFF              | 10 k $\Omega$ or higher |
| C33-4 (SWR) -<br>C33-8 (E)  | ON               | Below 1 $\Omega$        |

**NG****REPLACE CLIMATE CONTROL SWITCH****OK****11 CHECK WIRE HARNESS (CLIMATE CONTROL SWITCH - BODY GROUND)****Wire Harness Side**C33  
Climate control switch

Y

B74479

- Disconnect the C33 switch connector.
- Measure the resistance of the wire harness side connector.

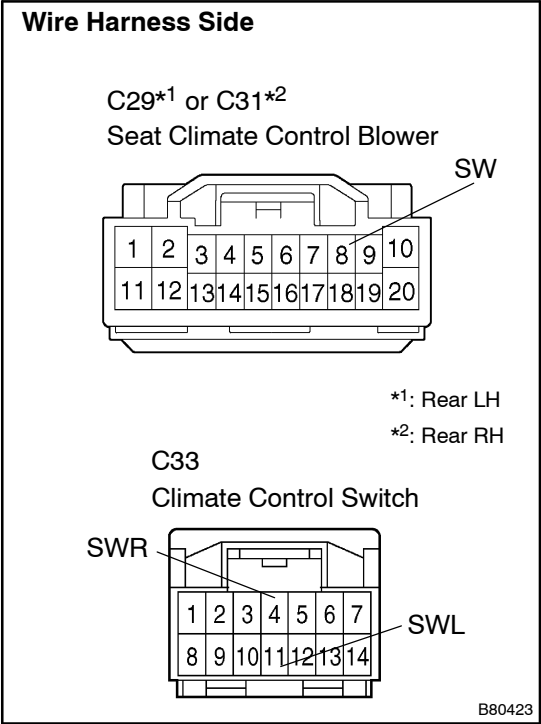
**Standard:**

| Tester Connection       | Specified Condition |
|-------------------------|---------------------|
| C33-8 (E) - Body ground | Below 1 $\Omega$    |

**NG****REPAIR OR REPLACE HARNESS AND CONNECTOR****OK**

12

CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU) - CLIMATE CONTROL SWITCH)



- (a) Disconnect the C29 or C31 blower connector.
- (b) Disconnect the C33 switch connector.
- (c) Measure the resistance of the wire harness side connectors.

**Standard:**

**Rear LH**

| Tester Connection         | Specified Condition |
|---------------------------|---------------------|
| C33-11 (SWL) - C29-8 (SW) | Below 1 Ω           |

**Rear RH**

| Tester Connection        | Specified condition |
|--------------------------|---------------------|
| C33-4 (SWR) - C31-8 (SW) | Below 1 Ω           |

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU)