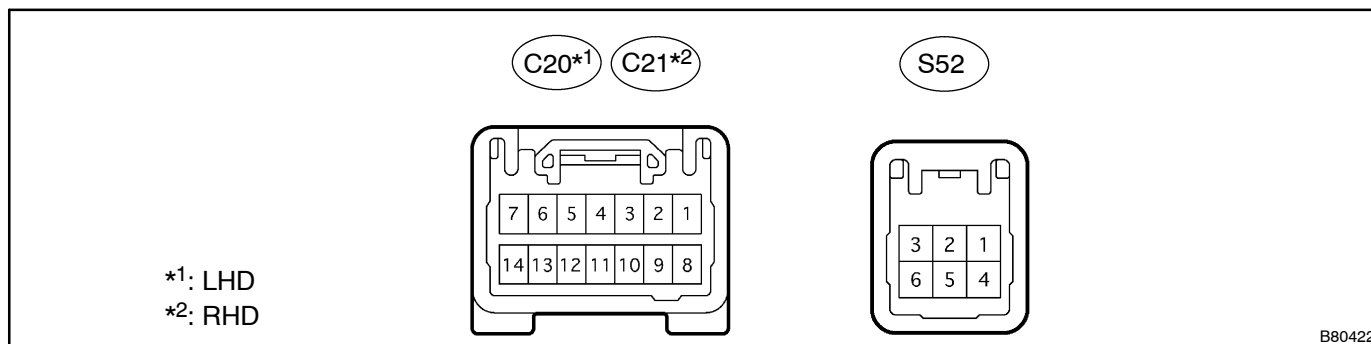


## TERMINALS OF ECU

### 1. CHECK SEAT CLIMATE CONTROL BLOWER LH (FR) (CLIMATE CONTROL ECU)



- Disconnect the C20 or C21 and S52 blower connectors.
- Measure the voltage and resistance of each terminal of the wire harness side connector.

#### Standard:

#### LHD

| Symbols (Terminal No.)           | Wiring Color      | Terminal Description                                            | Condition                                                                                                        | Specified Condition                                            |
|----------------------------------|-------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| E (C20 - 8) -<br>Body ground     | W-B - Body ground | Ground                                                          | Constant                                                                                                         | Below 1 $\Omega$                                               |
| IG (C20 - 7) -<br>Body ground    | B - Body ground   | Power source                                                    | Turn ignition switch ON                                                                                          | 10 to 14 V                                                     |
| V5 (C20 - 13) -<br>VG (C20 - 9)  | GR-R - L          | Power supply for volume switch                                  | Constant                                                                                                         | 5 k $\Omega$                                                   |
| VS (C20 - 12) -<br>VG (20 - 9)   | R-B - L           | Volume switch signal                                            | Turn volume switch:<br>Max                                                                                       | 0 $\Omega$ $\rightarrow$ 5 k $\Omega$                          |
| TB5 (C20 - 4) -<br>TBS (20 - 3)  | L-Y - BR-W        | Seatback temperature sensor                                     | Seatback temperature:<br>10°C $\rightarrow$ 30°C<br>(50°F $\rightarrow$ 86°F)                                    | Approx. 3.7 k $\Omega$ $\rightarrow$<br>Approx. 1.7 k $\Omega$ |
| TC5 (S52 - 2) -<br>TCS (S52 - 1) | B - B             | Seat cushion temperature sensor                                 | Seatback temperature:<br>10°C $\rightarrow$ 30°C<br>(50°F $\rightarrow$ 86°F)                                    | Approx. 3.7 k $\Omega$ $\rightarrow$<br>Approx. 1.7 k $\Omega$ |
| RSID (C20 - 6) -<br>Body ground  | P - Body ground   | Rear seat heater switch*1<br>Rear seat climate control switch*2 | Ignition switch: ON<br>Turn rear seat heater switch*1 or rear seat climate control switch*2 OFF $\rightarrow$ ON | 0 V $\rightarrow$ 10 to 14 V                                   |

#### RHD

| Symbols (Terminal No.)          | Wiring Color      | Terminal Description           | Condition                                                                     | Specified Condition                                            |
|---------------------------------|-------------------|--------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------|
| E (C21 - 8) -<br>Body ground    | W-B - Body ground | Ground                         | Constant                                                                      | Below 1 $\Omega$                                               |
| IG (C21 - 7) -<br>Body ground   | R - Body ground   | Power source                   | Turn ignition switch ON                                                       | 10 to 14 V                                                     |
| V5 (C21 - 13) -<br>VG (C21 - 9) | GR-R - L          | Power supply for volume switch | Constant                                                                      | 5 k $\Omega$                                                   |
| VS (C21 - 12) -<br>VG (21 - 9)  | R-B - L           | Volume switch signal           | Turn volume switch:<br>Max                                                    | 0 $\Omega$ $\rightarrow$ 5 k $\Omega$                          |
| TB5 (C21 - 4) -<br>TBS (21 - 3) | L-Y - BR-W        | Seatback temperature sensor    | Seatback temperature:<br>10°C $\rightarrow$ 30°C<br>(50°F $\rightarrow$ 86°F) | Approx. 3.7 k $\Omega$ $\rightarrow$<br>Approx. 1.7 k $\Omega$ |

| Symbols (Terminal No.)           | Wiring Color    | Terminal Description                                            | Condition                                                                                            | Specified Condition                |
|----------------------------------|-----------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------|
| TC5 (S52 – 2) –<br>TCS (S52 – 1) | B – B           | Seat cushion temperature sensor                                 | Seatback temperature:<br>10°C → 30°C<br>(50°F → 86°F)                                                | Approx. 3.7 kΩ →<br>Approx. 1.7 kΩ |
| DSID (C21 – 6) –<br>Body ground  | P – Body ground | Rear seat heater switch*1<br>Rear seat climate control switch*2 | Ignition switch: ON<br>Turn rear seat heater switch*1 or rear seat climate control switch*2 OFF → ON | 0 V → 10 to 14 V                   |

**HINT:**

\*1: For vehicles with a rear seat heater system

\*2: For vehicles with a rear seat climate control system

If the result is not as specified, there may be a malfunction on the wire harness side.

(c) Reconnect the C20 or C21 and S52 blower connectors.

(d) Measure the voltage of each terminal of the connector.

**Standard:****LHD**

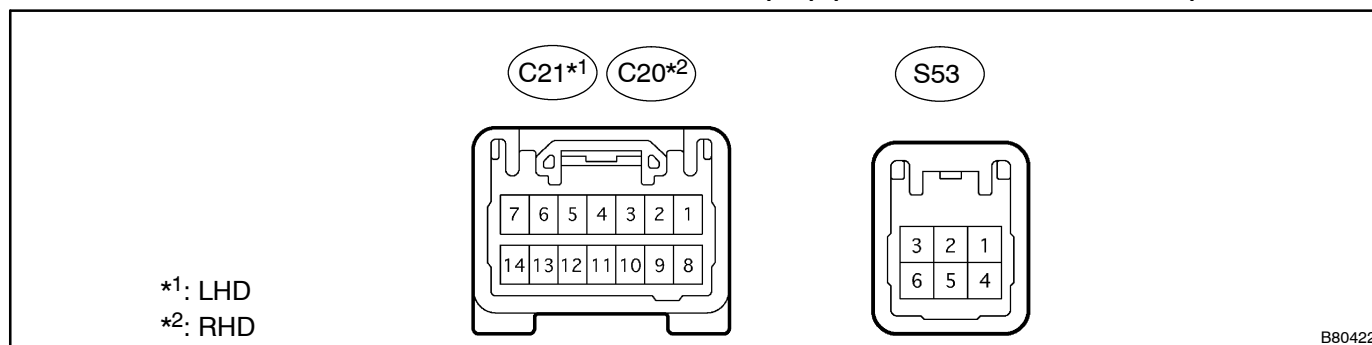
| Symbols (Terminal No.)         | Wiring Color       | Terminal Description                                 | Condition                                                           | Specified Condition |
|--------------------------------|--------------------|------------------------------------------------------|---------------------------------------------------------------------|---------------------|
| IND (C20–5)<br>– Body ground   | Y–R – Body ground  | Climate control switch indicator                     | Ignition switch: ON<br>Turn climate control switch: OFF → ON        | 0 V → 10 to 14 V    |
| IDL (C20–10)<br>– Body ground  | W – Body ground    | Engine idle–up signal                                | Ignition switch: ON<br>Turn climate control switch: OFF → ON        | 10 to 14 V → 0 V    |
| TDB+ (C20–14)<br>– Body ground | LG–B – Body ground | Power supply for seatback Peltier element (WARM)     | Ignition switch: ON<br>Turn climate control switch: OFF → Max. WARM | 0 V → 10 to 14 V    |
| TDB– (C20–1)<br>– Body ground  | B – Body ground    | Power supply for seatback Peltier element (COOL)     | Ignition switch: ON<br>Turn climate control switch: OFF → Max. COOL | 0 V → 10 to 14 V    |
| TDC+ (S52–3)<br>– Body ground  | L – Body ground    | Power supply for seat cushion Peltier element (WARM) | Ignition switch: ON<br>Turn climate control switch: OFF → Max. WARM | 0 V → 10 to 14 V    |
| TDC– (S52–6)<br>– Body ground  | Y – Body ground    | Power supply for seat cushion Peltier element (COOL) | Ignition switch: ON<br>Turn climate control switch: OFF → Max. COOL | 0 V → 10 to 14 V    |

**RHD**

| Symbols (Terminal No.)         | Wiring Color       | Terminal Description                                 | Condition                                                           | Specified Condition |
|--------------------------------|--------------------|------------------------------------------------------|---------------------------------------------------------------------|---------------------|
| IND (C21–5)<br>– Body ground   | Y–R – Body ground  | Climate control switch indicator                     | Ignition switch: ON<br>Turn climate control switch: OFF → ON        | 0 V → 10 to 14 V    |
| TDB+ (C21–14)<br>– Body ground | LG–B – Body ground | Power supply for seatback Peltier element (WARM)     | Ignition switch: ON<br>Turn climate control switch: OFF → Max. WARM | 0 V → 10 to 14 V    |
| TDB– (C21–1)<br>– Body ground  | B – Body ground    | Power supply for seatback Peltier element (COOL)     | Ignition switch: ON<br>Turn climate control switch: OFF → Max. COOL | 0 V → 10 to 14 V    |
| TDC+ (S52–3)<br>– Body ground  | L – Body ground    | Power supply for seat cushion Peltier element (WARM) | Ignition switch: ON<br>Turn climate control switch: OFF → Max. WARM | 0 V → 10 to 14 V    |
| TDC– (S52–6)<br>– Body ground  | Y – Body ground    | Power supply for seat cushion Peltier element (COOL) | Ignition switch: ON<br>Turn climate control switch: OFF → Max. COOL | 0 V → 10 to 14 V    |

If the result is not as specified, the ECU may have a malfunction.

## 2. CHECK SEAT CLIMATE CONTROL BLOWER RH (FR) (CLIMATE CONTROL ECU)



- Disconnect the C21 or C20 and S53 blower connectors.
- Measure the voltage and resistance of each terminal of the wire harness side connector.

### Standard:

#### LHD

| Symbols (Terminal No.)        | Wiring Color      | Terminal Description                                            | Condition                                                                                            | Specified Condition                                |
|-------------------------------|-------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| E (C21-8) –<br>Body ground    | W-B – Body ground | Ground                                                          | Constant                                                                                             | Below 1 $\Omega$                                   |
| IG (C21-7) –<br>Body ground   | G – Body ground   | Power source                                                    | Turn ignition switch ON                                                                              | 10 to 14 V                                         |
| V5 (C21-13) – VG (C21-9)      | BR-Y – V-R        | Power source for volume switch                                  | Constant                                                                                             | 5 k $\Omega$                                       |
| VS (C21-12) – VG (21-9)       | B-O – V-R         | Volume switch signal                                            | Turn volume switch:<br>Max. COOL →<br>Max. WARM                                                      | 0 $\Omega$ → 5 k $\Omega$                          |
| TB5 (C21-4) –<br>TBS (C21-3)  | G-Y – R           | Seatback temperature sensor                                     | Turn volume switch:<br>10°C → 30°C<br>(50°F → 86°F)                                                  | Approx. 3.7 k $\Omega$ →<br>Approx. 1.7 k $\Omega$ |
| TC5 (S53-2) –<br>TCS (S53-1)  | B – B             | Seat cushion temperate sensor                                   | Turn the volume switch:<br>10°C → 30°C<br>(50°F → 86°F)                                              | Approx. 3.7 k $\Omega$ →<br>Approx. 1.7 k $\Omega$ |
| RSID (C21-6) –<br>Body ground | GR – Body ground  | Rear seat heater switch*1<br>Rear seat climate control switch*2 | Ignition switch: ON<br>Turn rear seat heater switch*1 or rear seat climate control switch*2 OFF → ON | 0 V → 10 to 14 V                                   |

#### RHD

| Symbols (Terminal No.)       | Wiring Color      | Terminal Description           | Condition                                           | Specified Condition                                |
|------------------------------|-------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| E (C20-8) –<br>Body ground   | W-B – Body ground | Ground                         | Constant                                            | Below 1 $\Omega$                                   |
| IG (C20-7) –<br>Body ground  | G – Body ground   | Power source                   | Turn ignition switch ON                             | 10 to 14 V                                         |
| V5 (C20-13) – VG (C20-9)     | BR-Y – V-R        | Power source for volume switch | Constant                                            | 5 k $\Omega$                                       |
| VS (C20-12) – VG (20-9)      | B-O – V-R         | Volume switch signal           | Turn volume switch:<br>Max. COOL →<br>Max. WARM     | 0 $\Omega$ → 5 k $\Omega$                          |
| TB5 (C20-4) –<br>TBS (C20-3) | G-Y – R           | Seatback temperature sensor    | Turn volume switch:<br>10°C → 30°C<br>(50°F → 86°F) | Approx. 3.7 k $\Omega$ →<br>Approx. 1.7 k $\Omega$ |

| Symbols (Terminal No.)        | Wiring Color     | Terminal Description                                            | Condition                                                                                            | Specified Condition                |
|-------------------------------|------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------|
| TC5 (S53-2) –<br>TCS (S53-1)  | B – B            | Seat cushion temperature sensor                                 | Turn the volume switch:<br>10°C → 30°C<br>(50°F → 86°F)                                              | Approx. 3.7 kΩ →<br>Approx. 1.7 kΩ |
| DSID (C20-6) –<br>Body ground | GR – Body ground | Rear seat heater switch*1<br>Rear seat climate control switch*2 | Ignition switch: ON<br>Turn rear seat heater switch*1 or rear seat climate control switch*2 OFF → ON | 0 V → 10 to 14 V                   |

**HINT:**

\*1: For vehicles with a rear seat heater system

\*2: For vehicles with a rear seat climate control system

If the result is not as specified, there may be a malfunction on the wire harness side.

(c) Reconnect the C21 or C20 and S53 blower connectors.

(d) Measure the voltage and resistance of each terminal of the connector.

**Standard:****LHD**

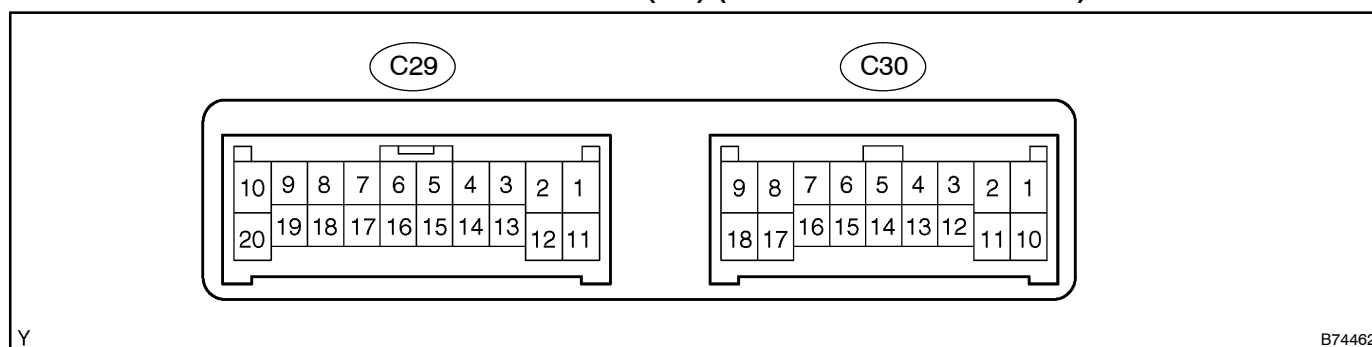
| Symbols (Terminal No.)         | Wiring Color       | Terminal Description                                 | Condition                                                           | Specified Condition |
|--------------------------------|--------------------|------------------------------------------------------|---------------------------------------------------------------------|---------------------|
| IND (C21-5)<br>– Body ground   | Y-B – Body ground  | Climate control switch indicator                     | Ignition switch: ON<br>Turn climate control switch: OFF → ON        | 0 V → 10 to 14 V    |
| TDB+ (C21-14)<br>– Body ground | LG-B – Body ground | Power supply for seatback Peltier element (WARM)     | Ignition switch: ON<br>Turn climate control switch: OFF → Max. WARM | 0 V → 10 to 14 V    |
| TDB- (C21-1)<br>– Body ground  | B – Body ground    | Power supply for seatback Peltier element (COOL)     | Ignition switch: ON<br>Turn climate control switch: OFF → Max. COOL | 0 V → 10 to 14 V    |
| TDC+ (S53-3)<br>– Body ground  | L – Body ground    | Power supply for seat cushion Peltier element (WARM) | Ignition switch: ON<br>Turn climate control switch: OFF → Max. WARM | 0 V → 10 to 14 V    |
| TDC- (S53-6)<br>– Body ground  | Y – Body ground    | Power supply for seat cushion Peltier element (COOL) | Ignition switch: ON<br>Turn climate control switch: OFF → Max. COOL | 0 V → 10 to 14 V    |

**RHD**

| Symbols (Terminal No.)         | Wiring Color       | Terminal Description                                 | Condition                                                           | Specified Condition |
|--------------------------------|--------------------|------------------------------------------------------|---------------------------------------------------------------------|---------------------|
| IND (C20-5)<br>– Body ground   | L-R – Body ground  | Climate control switch indicator                     | Ignition switch: ON<br>Turn climate control switch: OFF → ON        | 0 V → 10 to 14 V    |
| IDL (C20-10)<br>– Body ground  | W – Body ground    | Engine idle-up signal                                | Ignition switch: ON<br>Turn climate control switch: OFF → ON        | 0 V → 10 to 14 V    |
| TDB+ (C20-14)<br>– Body ground | LG-B – Body ground | Power supply for seatback Peltier element (WARM)     | Ignition switch: ON<br>Turn climate control switch: OFF → Max. WARM | 0 V → 10 to 14 V    |
| TDB- (C20-1)<br>– Body ground  | B – Body ground    | Power supply for seatback Peltier element (COOL)     | Ignition switch: ON<br>Turn climate control switch: OFF → Max. COOL | 0 V → 10 to 14 V    |
| TDC+ (S53-3)<br>– Body ground  | L – Body ground    | Power supply for seat cushion Peltier element (WARM) | Ignition switch: ON<br>Turn climate control switch: OFF → Max. WARM | 0 V → 10 to 14 V    |
| TDC- (S53-6)<br>– Body ground  | Y – Body ground    | Power supply for seat cushion Peltier element (COOL) | Ignition switch: ON<br>Turn climate control switch: OFF → Max. COOL | 0 V → 10 to 14 V    |

If the result is not as specified, the ECU may have a malfunction.

### 3. SEAT CLIMATE CONTROL BLOWER LH (RR) (CLIMATE CONTROL ECU)



- (a) Disconnect the C29 and C30 blower connectors.
- (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

#### Standard:

| Symbols (Terminal No.)        | Wiring Color      | Terminal Description            | Condition                                                                         | Specified Condition                                            |
|-------------------------------|-------------------|---------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------|
| GND (C29-11)<br>– Body ground | W-B – Body ground | Ground                          | Constant                                                                          | Below 1 $\Omega$                                               |
| IG (C29-10)<br>– Body ground  | R-B – Body ground | Power source                    | Ignition switch ON                                                                | 10 to 14 V                                                     |
| SW (C29-8)<br>– Body ground   | L – Body ground   | Climate control switch          | Turn the climate control switch ON                                                | Below 1 $\Omega$                                               |
| V5 (C29-18)<br>– VG (C29-16)  | Y-R – P           | Volume switch                   | Constant                                                                          | 5 k $\Omega$                                                   |
| VS (C29-17)<br>– VG (C29-16)  | GR-R – P          | Volume switch signal            | Rear left volume switch:<br>Max. COOL $\rightarrow$<br>Max. WARM                  | 0 $\Omega$ $\rightarrow$ 5 k $\Omega$                          |
| TB5 (C30-7)<br>– TBS (C30-16) | G-Y – R           | Seatback temperature            | Seatback temperature:<br>10°C $\rightarrow$ 30°C<br>(50°F $\rightarrow$ 86°F)     | Approx. 3.7 k $\Omega$ $\rightarrow$<br>Approx. 1.7 k $\Omega$ |
| H5 (C30-5)<br>– HS (C30-14)   | L-B – Y-R         | Seat cushion temperature sensor | Seat cushion temperature:<br>10°C $\rightarrow$ 30°C<br>(50°F $\rightarrow$ 86°F) | Approx. 3.7 k $\Omega$ $\rightarrow$<br>Approx. 1.7 k $\Omega$ |
| TC5 (C30-6)<br>– TCS (C30-15) | BR-R – P-B        | Heater temperature sensor       | Heater temperature:<br>10°C $\rightarrow$ 30°C<br>(50°F $\rightarrow$ 86°F)       | Approx. 3.7 k $\Omega$ $\rightarrow$<br>Approx. 1.7 k $\Omega$ |

If the result is not as specified, there may be a malfunction on the wire harness side.

- (c) Reconnect the C29 and C30 blower connectors.
- (d) Measure the voltage and resistance of each terminal of the connector.

#### Standard:

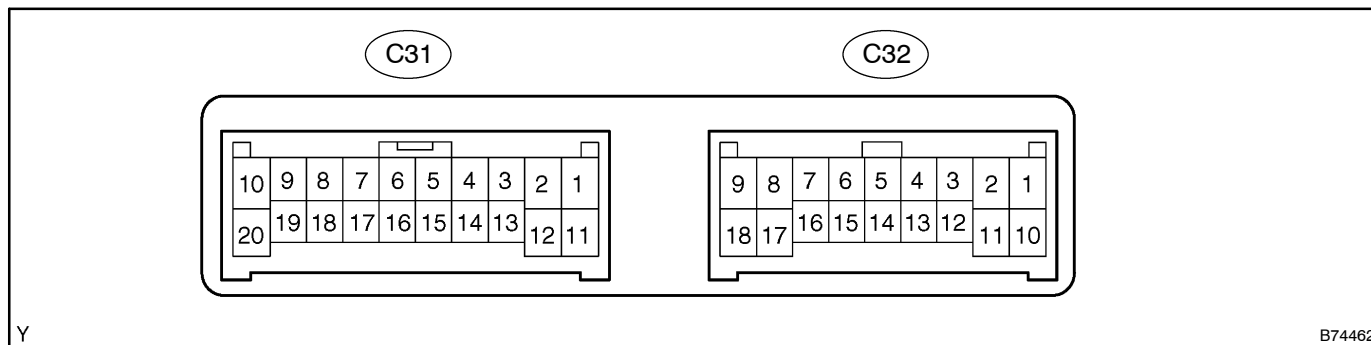
| Symbols (Terminal No.)         | Wiring Color       | Terminal Description                                 | Condition                                                                          | Specified Condition          |
|--------------------------------|--------------------|------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------|
| IND (C29-7)<br>– Body ground   | R-B – Body ground  | Climate control switch indicator (rear)              | Ignition switch: ON<br>Turn climate control switch:<br>OFF $\rightarrow$ ON        | 0 V $\rightarrow$ 10 to 14 V |
| INDC (C29-6)*<br>– Body ground | G-B – Body ground  | Climate control switch indicator (front)             | Ignition switch: ON<br>Turn climate control switch:<br>OFF $\rightarrow$ ON        | 0 V $\rightarrow$ 10 to 14 V |
| TDB+ (C30-1)<br>– Body ground  | LG-B – Body ground | Power supply for seatback Peltier element (WARM)     | Ignition switch: ON<br>Turn climate control switch:<br>OFF $\rightarrow$ Max. WARM | 0 V $\rightarrow$ 10 to 14 V |
| TDB- (C30-2)<br>– Body ground  | B – Body ground    | Power supply for seatback Peltier element (COOL)     | Ignition switch: ON<br>Turn climate control switch:<br>OFF $\rightarrow$ Max. WARM | 0 V $\rightarrow$ 10 to 14 V |
| TDC+ (C30-10)<br>– Body ground | Y – Body ground    | Power supply for seat cushion Peltier element (WARM) | Ignition switch: ON<br>Turn climate control switch:<br>OFF $\rightarrow$ Max. WARM | 0 V $\rightarrow$ 10 to 14 V |

| Symbols (Terminal No.)         | Wiring Color       | Terminal Description                                 | Condition                                                              | Specified Condition |
|--------------------------------|--------------------|------------------------------------------------------|------------------------------------------------------------------------|---------------------|
| TDC- (C30-11)<br>– Body ground | BR-W – Body ground | Power supply for seat cushion Peltier element (COOL) | Ignition switch: ON<br>Turn climate control switch: OFF → Max. COOL    | 0 V → 10 to 14 V    |
| BBS (C29-3)<br>– Body ground   | Y-B – Body ground  | Monitor of fan motor (seatback)                      | Ignition switch: ON<br>Turn climate control switch: OFF → ON (airflow) | 0 V → 10 to 14 V    |
| BCS (C29-13)<br>– Body ground  | V – Body ground    | Monitor of fan motor (seat cushion)                  | Ignition switch: ON<br>Turn climate control switch: OFF → ON (airflow) | 0 V → 10 to 14 V    |
| BFB+ (C29-2)<br>– Body ground  | G-W – Body ground  | Power supply for fan motor (seatback)                | Ignition switch: ON<br>Turn climate control switch: OFF → ON (airflow) | 0 V → 10 to 14 V    |
| BFC+ (C29-12)<br>– Body ground | L – Body ground    | Power supply for fan motor (seat cushion)            | Ignition switch: ON<br>Turn climate control switch: OFF → ON (airflow) | 0 V → 10 to 14 V    |
| BFB- (C30-9)<br>– Body ground  | GR-R – Body ground | Ground for fan motor (seatback)                      | Constant                                                               | Below 1 $\Omega$    |
| BFC- (C29-1)<br>– Body ground  | O – Body ground    | Ground for fan motor (seat cushion)                  | Constant                                                               | Below 1 $\Omega$    |
| B (C30-18)<br>– Body ground    | V-G – Body ground  | Power supply for seat heater                         | Ignition switch: ON<br>Turn climate control switch: OFF → Max. WARM    | 0 V → 10 to 14 V    |
| E (C30-8)<br>– Body ground     | B-R – Body ground  | Ground for seat heater                               | Constant                                                               | Below 1 $\Omega$    |
| IDL (C30-3)<br>– Body ground   | G – Body ground    | Engine idle-up signal                                | Ignition switch: ON<br>Turn climate control switch: OFF → ON           | 10 to 14 V → 0 V    |

HINT:

\*: For vehicles with a front seat climate control system

If the result is not as specified, the ECU may have a malfunction.

**4. SEAT CLIMATE CONTROL BLOWER RH (RR) (CLIMATE CONTROL ECU)**

- (a) Disconnect the C31 and C32 blower connectors.  
 (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

**Standard:**

| Symbols (Terminal No.)        | Wiring Color      | Terminal Description   | Condition                      | Specified Condition |
|-------------------------------|-------------------|------------------------|--------------------------------|---------------------|
| GND (C31-11)<br>– Body ground | W-B – Body ground | Ground                 | Constant                       | Below 1 $\Omega$    |
| IG (C31-10)<br>– Body ground  | R-B – Body ground | Power source           | Ignition switch ON             | 10 to 14 V          |
| SW (C31-8)<br>– Body ground   | V-R – Body ground | Climate control switch | Turn climate control switch ON | Below 1 $\Omega$    |
| V5 (C31-18)<br>– VG (C31-16)  | L-R – BR-Y        | Volume switch          | Constant                       | 5 k $\Omega$        |

## DIAGNOSTICS – CLIMATE CONTROL SEAT SYSTEM

| Symbols (Terminal No.)        | Wiring Color | Terminal Description            | Condition                                                 | Specified Condition                |
|-------------------------------|--------------|---------------------------------|-----------------------------------------------------------|------------------------------------|
| VS (C31-17)<br>– VG (C31-16)  | GR – BR-Y    | Volume switch signal            | Volume switch:<br>10°C → 30°C<br>(50°F → 86°F)            | 0 Ω → 5 kΩ                         |
| TB5 (C32-7)<br>– TBS (C32-16) | G-Y – R      | Seatback temperature sensor     | Seatback temperature:<br>10°C → 30°C<br>(50°F → 86°F)     | Approx. 3.7 kΩ →<br>Approx. 1.7 kΩ |
| H5 (C32-5)<br>– HS (C32-14)   | L-B – Y-R    | Seat cushion temperature sensor | Seat cushion temperature:<br>10°C → 30°C<br>(50°F → 86°F) | Approx. 3.7 kΩ →<br>Approx. 1.7 kΩ |
| TC5 (C32-6)<br>– TCS (C32-15) | BR-R – P-B   | Seat heater temperature sensor  | Heater temperature:<br>10°C → 30°C<br>(50°F → 86°F)       | Approx. 3.7 kΩ →<br>Approx. 1.7 kΩ |

If the result is not as specified, there may be a malfunction on the wire harness side.

- (c) Reconnect the C31 and C32 blower connectors.
- (d) Measure the voltage and resistance of each terminal of the connector.

**Standard:**

| Symbols (Terminal No.)         | Wiring Color       | Terminal Description                                 | Condition                                                                 | Specified Condition |
|--------------------------------|--------------------|------------------------------------------------------|---------------------------------------------------------------------------|---------------------|
| IND (C31-7)<br>– Body ground   | B-O – Body ground  | Climate control switch indicator (rear)              | Ignition switch: ON<br>Turn climate control switch:<br>OFF → ON           | 0 V → 10 to 14 V    |
| INDC (C31-6)*<br>– Body ground | G-B – Body ground  | Climate control switch indicator (front)             | Ignition switch: ON<br>Turn climate control switch:<br>OFF → ON           | 0 V → 10 to 14 V    |
| TDB+ (C32-1)<br>– Body ground  | LG-B – Body ground | Power supply for seatback Peltier element (WARM)     | Ignition switch: ON<br>Turn climate control switch:<br>OFF → Max. WARM    | 0 V → 10 to 14 V    |
| TDB- (C32-2)<br>– Body ground  | B – Body ground    | Power supply for seatback Peltier element (COOL)     | Ignition switch: ON<br>Turn climate control switch:<br>OFF → Max. COOL    | 0 V → 10 to 14 V    |
| TDC+ (C32-10)<br>– Body ground | Y – Body ground    | Power supply for seat cushion Peltier element (WARM) | Ignition switch: ON<br>Turn climate control switch:<br>OFF → Max. WARM    | 0 V → 10 to 14 V    |
| TDC- (C32-11)<br>– Body ground | BR-W – Body ground | Power supply for seat cushion Peltier element (COOL) | Ignition switch: ON<br>Turn climate control switch:<br>OFF → Max. COOL    | 0 V → 10 to 14 V    |
| BBS (C31-3)<br>– Body ground   | Y-B – Body ground  | Monitor of fan motor (seatback)                      | Ignition switch: ON<br>Turn climate control switch:<br>OFF → ON (airflow) | 0 V → 10 to 14 V    |
| BCS (C31-13)<br>– Body ground  | V – Body ground    | Monitor of fan motor (seat cushion)                  | Ignition switch: ON<br>Turn climate control switch:<br>OFF → ON (airflow) | 0 V → 10 to 14 V    |
| BFB+ (C31-2)<br>– Body ground  | G-W – Body ground  | Power supply for fan motor (seatback)                | Ignition switch: ON<br>Turn climate control switch:<br>OFF → ON (airflow) | 0 V → 10 to 14 V    |
| BFC+ (C31-12)<br>– Body ground | L – Body ground    | Power supply for fan motor (seat cushion)            | Ignition switch: ON<br>Turn climate control switch:<br>OFF → ON (airflow) | 0 V → 10 to 14 V    |
| BFB- (C32-9)<br>– Body ground  | GR-R – Body ground | Ground for fan motor (seatback)                      | Constant                                                                  | Below 1 Ω           |
| BFC- (C31-1)<br>– Body ground  | O – Body ground    | Ground for fan motor (seat cushion)                  | Constant                                                                  | Below 1 Ω           |
| B (C32-18)<br>– Body ground    | V-G – Body ground  | Power supply for seat heater                         | Ignition switch: ON<br>Turn climate control switch:<br>OFF → Max. WARM    | 0 V → 10 to 14 V    |

| Symbols (Terminal No.)       | Wiring Color      | Terminal Description   | Condition                                                       | Specified Condition |
|------------------------------|-------------------|------------------------|-----------------------------------------------------------------|---------------------|
| E (C32-8)<br>– Body ground   | B-R – Body ground | Ground for seat heater | Constant                                                        | Below 1 $\Omega$    |
| IDL (C32-3)<br>– Body ground | G – Body ground   | Engine idle-up signal  | Ignition switch: ON<br>Turn climate control switch:<br>OFF → ON | 10 to 14 V → 0 V    |

## HINT:

\*: For vehicles with a front seat climate control system

If the result is not as specified, the ECU may have a malfunction.