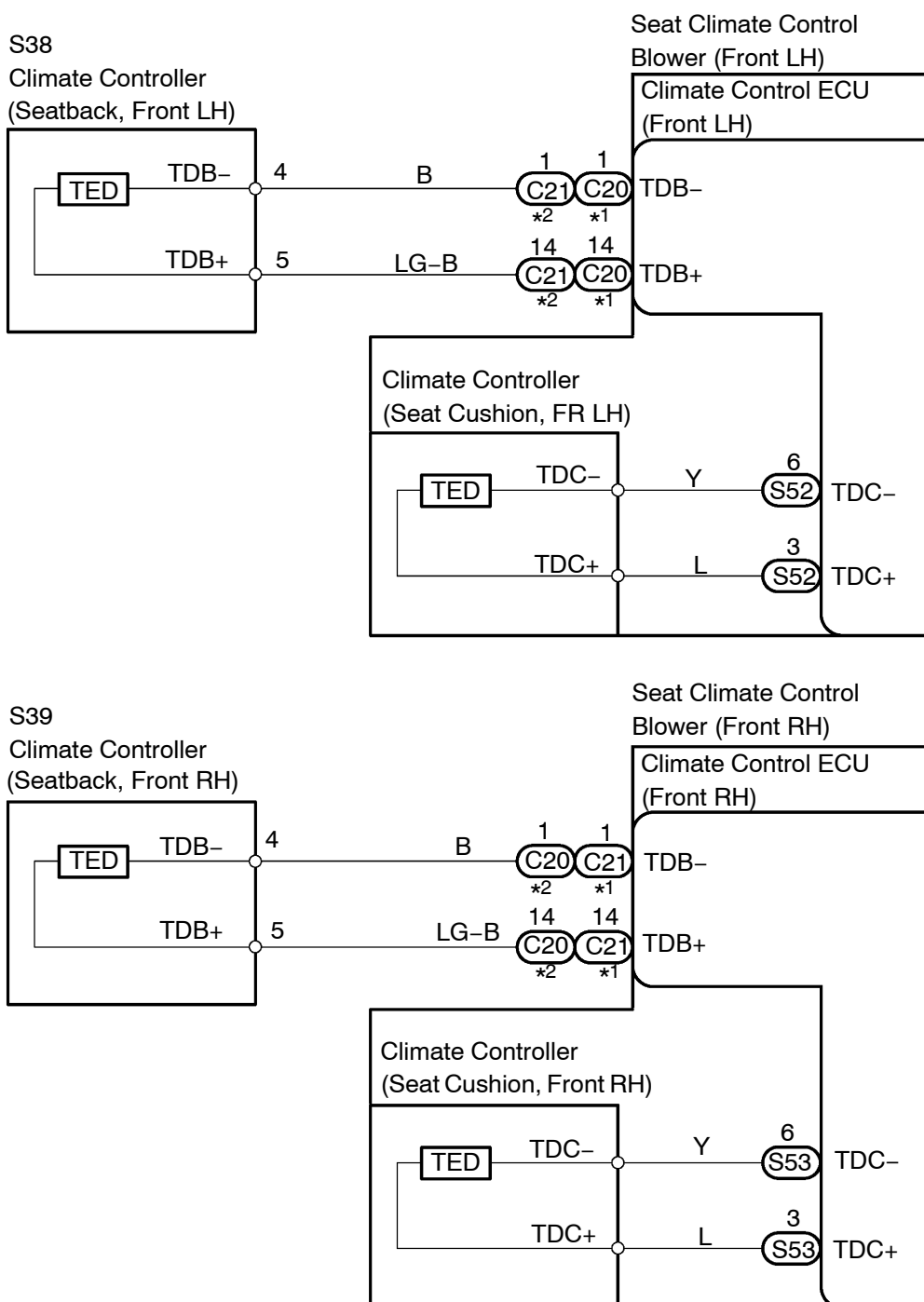


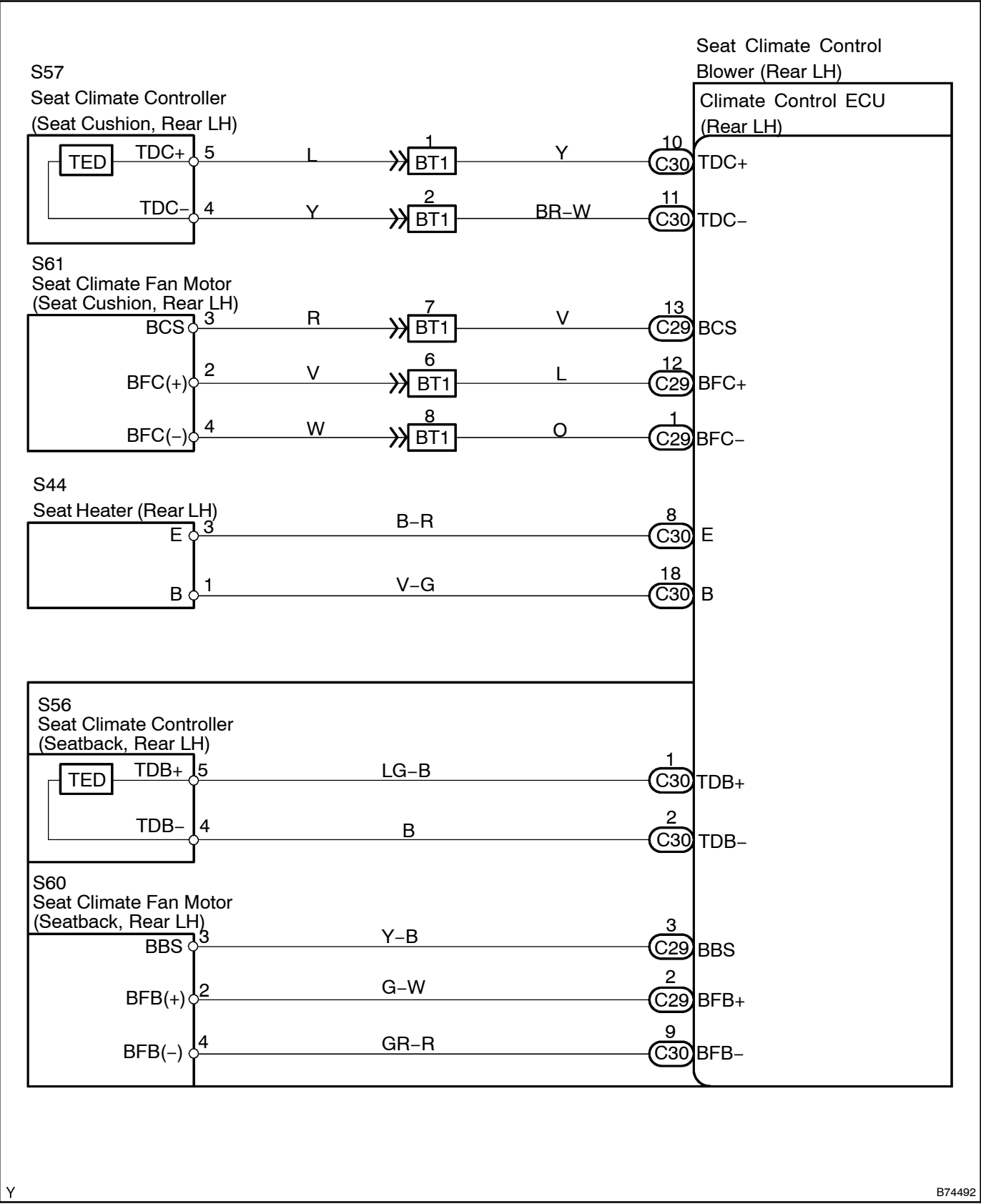
# CLIMATE CONTROL DOES NOT OPERATE (BLINKING PATTERN 1)

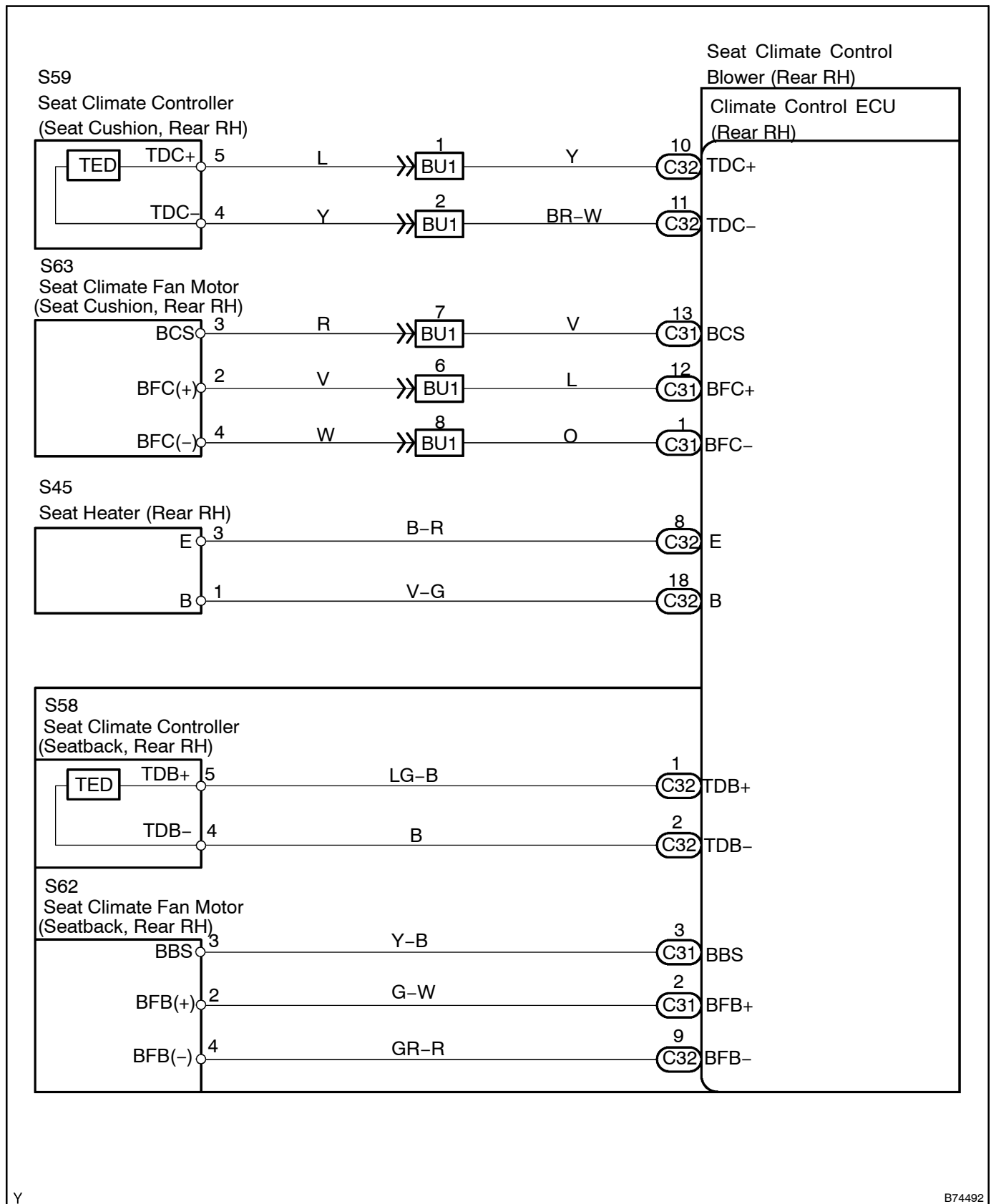
## CIRCUIT DESCRIPTION

As a result of a short circuit, overcurrent may occur in the Peltier element of the seat climate controller, fan motor or rear seat heater. If this happens, output from the Peltier element, fan motor, rear seat heater and idle-up signal (not including the front passenger side) will be stopped and the indicator illuminates according to blinking pattern 1.

## WIRING DIAGRAM







INSPECTION PROCEDURE

1 CHECK CLIMATE CONTROL SWITCH (INDICATOR)

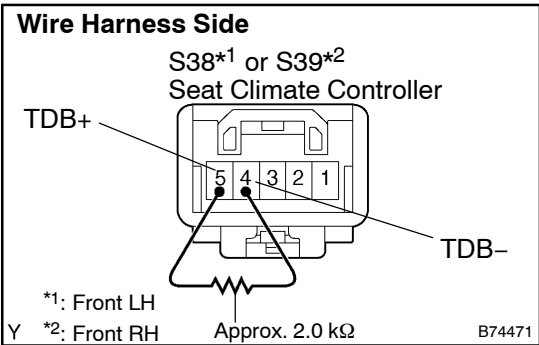
(a) Check that the climate control indicator is blinking

Result	Proceed to
If front climate control switch indicator is blinking	A
If rear climate control switch indicator is blinking	B

**B** Go to step 5

**A**

2 CHECK SEAT CLIMATE CONTROLLER (SEATBACK)



**HINT:**

When the front LH indicator is blinking, check the front LH connector. When the front RH indicator is blinking, check the front RH connector.

- (a) Disconnect the S38 or S39 controller connector.
- (b) Connect the wire harness to terminal 4 (TDB-) and 5 (TDB+) of the wire harness side connector.
- (c) Turn the ignition switch ON.
- (d) Turn the climate control switch ON, then check that the climate control indicator continues blinking.

Result	Proceed to
If indicator continues blinking	A
If indicator turns off	B

**B** REPAIR SEAT CLIMATE CONTROLLER (SEATBACK)

**A**

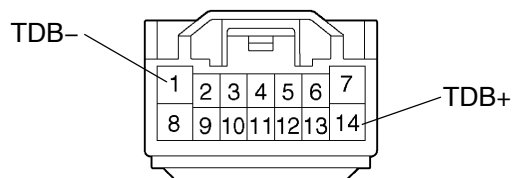
### 3 CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) - CLIMATE CONTROLLER)

#### Wire Harness Side

C20\*1 or C21\*2 (LHD)

C21\*1 or C20\*2 (RHD)

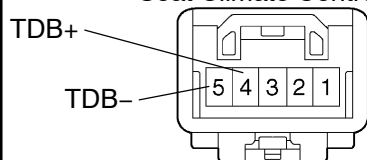
Seat Climate Control Blower



S38\*1

S39\*2

Seat Climate Controller



\*1: Front LH

\*2: Front RH

B74463

#### HINT:

When the front LH indicator is blinking, check the front LH connector. When the front RH indicator is blinking, check the front RH connector.

- Disconnect the C20 or C21 blower connectors.
- Disconnect the S38 or S39 controller connectors.
- Measure the resistance of the wire harness side connectors.

#### Standard:

##### Front LH (LHD)

Tester Connection	Specified Condition
C20-1 (TDB-) - S38-4 (TDB-)	Below 1 $\Omega$
C20-1 (TDB-) - Body ground	10 k $\Omega$ or higher
C20-14 (TDB+) - S38-5 (TDB+)	Below 1 $\Omega$
C20-14 (TDB+) - Body ground	10 k $\Omega$ or higher
C20-1 (TDB-) - C20-14 (TDB+)	10 k $\Omega$ or higher

##### Front RH (LHD)

Tester Connection	Specified Condition
C21-1 (TDB-) - S39-4 (TDB-)	Below 1 $\Omega$
C21-1 (TDB-) - Body ground	10 k $\Omega$ or higher
C21-14 (TDB+) - S39-5 (TDB+)	Below 1 $\Omega$
C21-14 (TDB+) - Body ground	10 k $\Omega$ or higher
C21-1 (TDB-) - C21-14 (TDB+)	10 k $\Omega$ or higher

##### Front LH (RHD)

Tester Connection	Specified Condition
C21-1 (TDB-) - S38-4 (TDB-)	Below 1 $\Omega$
C21-1 (TDB-) - Body ground	10 k $\Omega$ or higher
C21-14 (TDB+) - S38-5 (TDB+)	Below 1 $\Omega$
C21-14 (TDB+) - Body ground	10 k $\Omega$ or higher
C21-1 (TDB-) - C21-14 (TDB+)	10 k $\Omega$ or higher

##### Front RH (RHD)

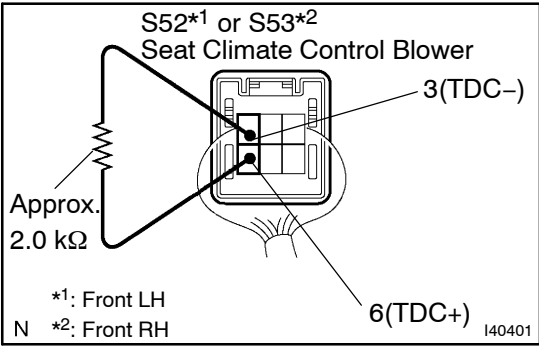
Tester Connection	Specified Condition
C20-1 (TDB-) - S39-4 (TDB-)	Below 1 $\Omega$
C20-1 (TDB-) - Body ground	10 k $\Omega$ or higher
C20-14 (TDB+) - S39-5 (TDB+)	Below 1 $\Omega$
C20-14 (TDB+) - Body ground	10 k $\Omega$ or higher
C20-1 (TDB-) - C20-14 (TDB+)	10 k $\Omega$ or higher

NG

**REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

**4 CHECK SEAT CLIMATE CONTROLLER (SEAT CUSHION)**



**HINT:**

When the front LH indicator is blinking, check the front LH connector. When the front RH indicator is blinking, check the front RH connector.

- (a) Disconnect the S52 or S53 connectors.
- (b) Connect terminal 3 (TDC+) and 6 (TDC-) of the climate control ECU connector, as shown in the illustration.
- (c) Turn the ignition switch ON.
- (d) Turn the climate control switch ON, and then check that the climate control switch indicator turns off.

**OK: The indicator turns off**

**OK**

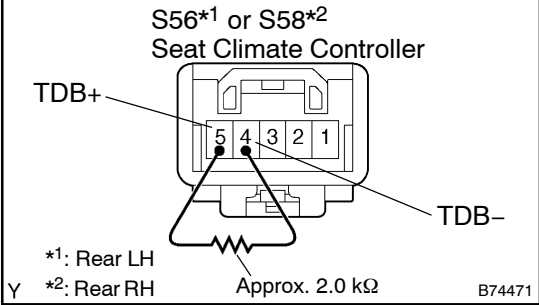
**REPAIR SEAT CLIMATE CONTROLLER (SEAT CUSHION)**

**NG**

**REPAIR SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU)**

**5 CHECK SEAT CLIMATE CONTROLLER (SEATBACK)**

**Wire Harness Side**



**HINT:**

When the front LH indicator is blinking, check the front LH connector. When the front RH indicator is blinking, check the front RH connector.

- (a) Disconnect the S56 or S58 controller connectors.
- (b) Connect the wire harness to terminal 4 (TDB-) and 5 (TDB+) of the wire harness side connector.
- (c) Turn the ignition switch ON.
- (d) Turn the climate control switch ON, and then check that the climate control indicator continues blinking.

Result	Proceed to
If indicator continues blinking	A
If indicator turns off	B

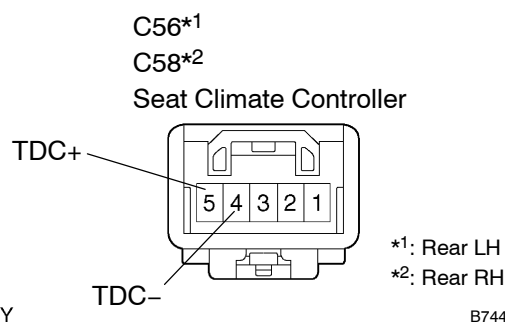
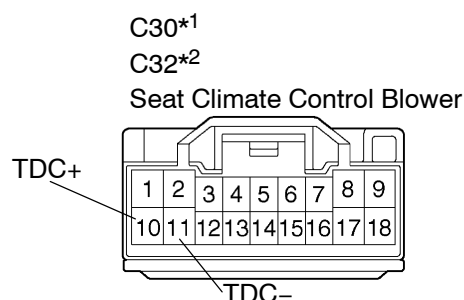
**B**

**REPAIR SEAT CLIMATE CONTROLLER (SEATBACK)**

**A**

## 6 CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) – SEAT CLIMATE CONTROLLER (SEATBACK))

### Wire Harness Side



### HINT:

When the rear LH indicator is blinking, check the rear LH connector. When the rear RH indicator is blinking, check the rear RH connector.

- Disconnect the C30 or C32 blower connectors.
- Disconnect the S56 or S58 controller connectors.
- Measure the resistance of the wire harness side connectors.

### Standard:

#### Rear LH

Tester Connection	Specified Condition
C30-2 (TDB-) – S56-4 (TDB-)	Below 1 $\Omega$
C30-2 (TDB-) – Body ground	10 k $\Omega$ or higher
C30-1 (TDB+) – S56-5 (TDB+)	Below 1 $\Omega$
C30-1 (TDB+) – Body ground	10 k $\Omega$ or higher
C30-1 (TDB+) – C30-2 (TDB-)	10 k $\Omega$ or higher

#### Rear RH

Tester Connection	Specified Condition
C32-2 (TDB-) – S58-4 (TDB-)	Below 1 $\Omega$
C32-2 (TDB-) – Body ground	10 k $\Omega$ or higher
C32-1 (TDB+) – S58-5 (TDB+)	Below 1 $\Omega$
C32-1 (TDB+) – Body ground	10 k $\Omega$ or higher
C32-1 (TDB+) – S32-2 (TDB-)	10 k $\Omega$ or higher

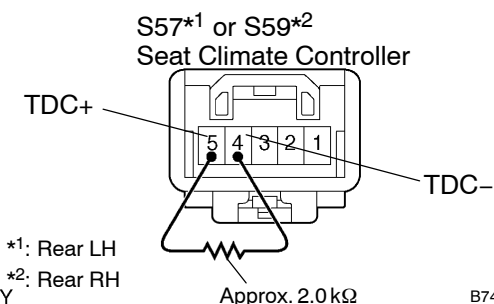
NG

**REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

## 7 CHECK SEAT CLIMATE CONTROLLER (SEAT CUSHION)

### Wire Harness Side



### HINT:

When the rear LH indicator is blinking, check the rear LH connector. When the rear RH indicator is blinking, check the rear RH connector.

- Disconnect the S57 or S59 blower connectors.
- Connect the wire harness to terminal 5 (TDC+) and 4 (TDC-) of the wire harness side connector, as shown in the illustration.
- Turn the ignition switch ON.
- Turn the climate control switch ON, and then check that the climate control indicator turns off.

**OK: The indicator turns off**

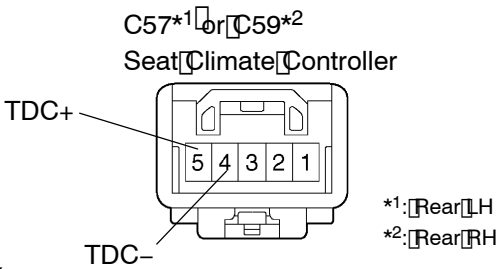
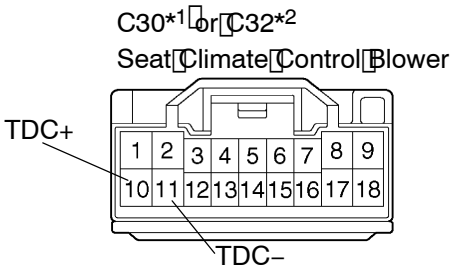
NG

**REPAIR SEAT CLIMATE CONTROLLER (SEAT CUSHION)**

OK

8 CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) - SEAT CLIMATE CONTROLLER (SEAT CUSHION))

Wire Harness Side



B74465

HINT:

When the Rear LH Indicator is blinking, check the Rear LH connector. When the Rear RH Indicator is blinking, check the Rear RH connector.

- (a) Disconnect the C30 or C32 blower connectors.
- (b) Disconnect the S57 or S59 controller connectors.
- (c) Measure the resistance of the wire harness side connectors.

Standard:

Rear LH

Tester Connection	Specified Condition
C30-11 (TDC-) - S57-4 (TDC-)	Below 1 Ω
C30-11 (TDC-) - Body Ground	10 kΩ or higher
C30-10 (TDC+) - S57-5 (TDC+)	Below 1 Ω
C30-10 (TDC+) - Body Ground	10 kΩ or higher
C30-10 (TDC+) - C30-11 (TDC-)	10 kΩ or higher

Rear RH

Tester Connection	Specified Condition
C32-11 (TDC-) - S59-4 (TDC-)	Below 1 Ω
C32-11 (TDC-) - Body Ground	10 kΩ or higher
C32-10 (TDC+) - S59-5 (TDC+)	Below 1 Ω
C32-10 (TDC+) - Body Ground	10 kΩ or higher
C32-10 (TDC+) - C32-11 (TDC-)	10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

9 INSPECT SEAT HEATER (SEATBACK) (See page 05-2506)

NG

REPLACE SEATBACK PAD

OK

10 INSPECT SEAT HEATER (SEAT CUSHION) (See page 05-2506)

NG

REPLACE SEAT CUSHION PAD

OK

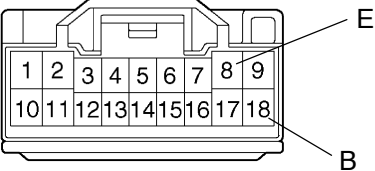


11

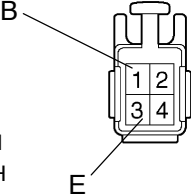
CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) - SEAT HEATER)

Wire Harness Side

C30\*1  
C32\*2  
Seat Climate Control Blower



C44\*1  
C45\*2  
Seat Heater



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

B74466

HINT:  
When the Rear LH Indicator is blinking, check the Rear LH connector. When the Rear RH Indicator is blinking, check the Rear RH connector.

(a) Disconnect the C30 or C32 blower and S60 or S61 heater connectors.

(b) Measure the resistance of the wire harness side connectors.

Standard:  
Rear LH

Tester Connection	Specified Condition
C30-8(E) - S44-3(E)	Below 1 Ω
C30-8(E) - S44-1(B)	10 kΩ or higher
C30-18(B) - S44-1(B)	Below 1 Ω
C30-18(B) - S44-3(E)	10 kΩ or higher

Rear RH

Tester Connection	Specified Condition
C32-8(E) - S45-3(E)	Below 1 Ω
C32-8(E) - S45-1(B)	10 kΩ or higher
C32-18(B) - S45-1(B)	Below 1 Ω
C32-18(B) - S45-3(E)	10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

12

INSPECT SEAT CLIMATE CONTROL BLOWER (FAN MOTOR OF SEATBACK)  
(See page 05-2506)

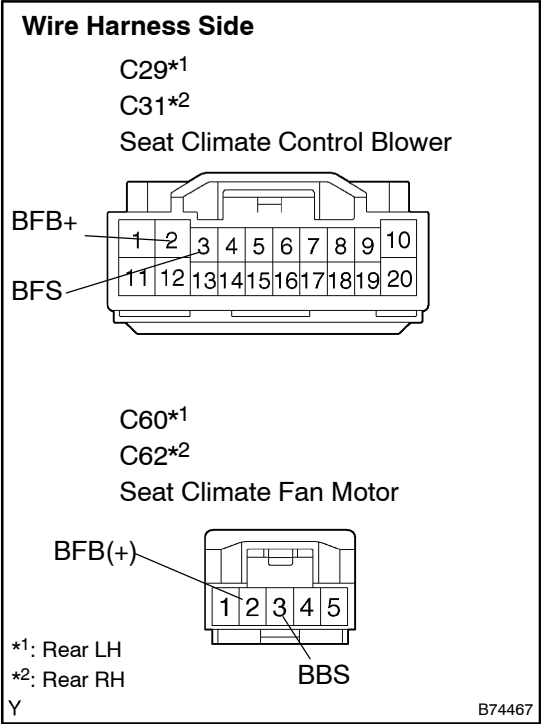
NG

REPLACE SEAT CLIMATE CONTROL BLOWER (SEATBACK)

OK

13

CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) – SEAT CLIMATE FAN MOTOR)



**HINT:**  
When the rear LH indicator is blinking, check the rear LH connector. When the rear RH indicator is blinking, check the rear RH connector.

- (a) Disconnect the C29 or C31 blower connectors.
- (b) Disconnect the S60 or S62 motor connectors.
- (c) Measure the resistance of the wire harness side connectors.

**Standard:**  
**Rear LH**

Tester Connection	Specified Condition
C29-3 (BBS) – S60-4 (BBS)	Below 1 Ω
C29-3 (BBS) – S60-2 (BFB(+))	10 kΩ or higher
C29-2 (BFB+) – S60-2 (BFB(+))	Below 1 Ω
C29-2 (BFB+) – S60-3 (BBS)	10 kΩ or higher

**Rear RH**

Tester Connection	Specified Condition
C31-3 (BBS) – S62-3 (BBS)	Below 1 Ω
C31-3 (BBS) – S62-2 (BFB(+))	10 kΩ or higher
C31-2 (BFB+) – S62-2 (BFB(+))	Below 1 Ω
C31-2 (BFB+) – S62-3 (BBS)	10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU)