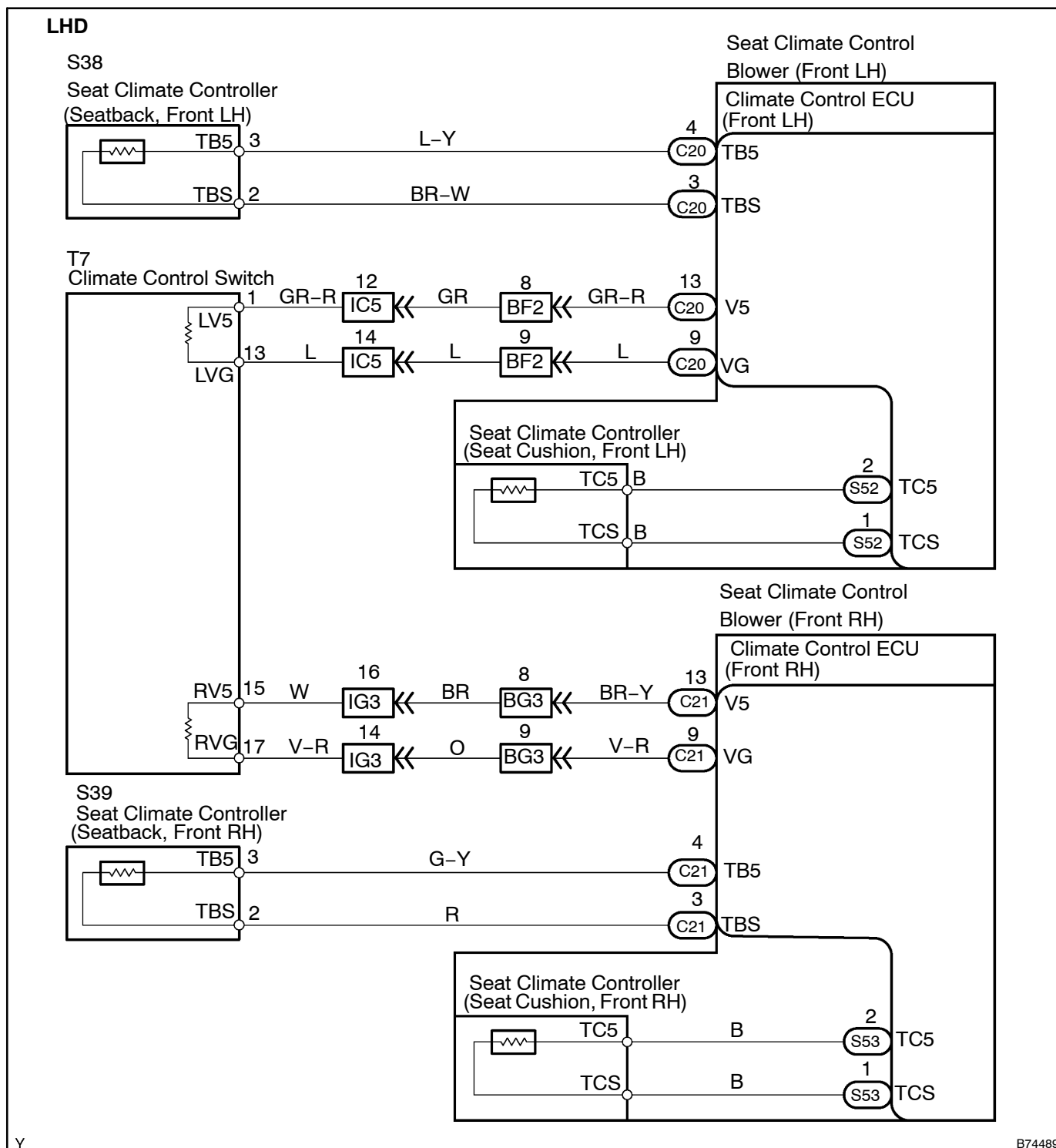


CLIMATE CONTROL DOES NOT OPERATE (BLINKING PATTERN 3)

CIRCUIT DESCRIPTION

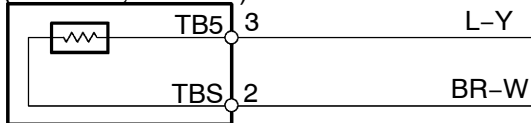
As a result of a short circuit, the ECU may not be able to provide 5 V of power voltage to the seat climate controller thermistor circuit, climate control switch's volume control circuit or rear seat heater thermistor circuit. If this happens, all output will be stopped and the indicator illuminates according to blinking pattern 3.

WIRING DIAGRAM



RHD

S38

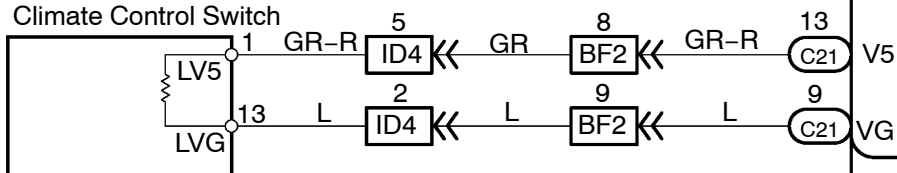
Seat Climate Controller
(Seatback, Front LH)Seat Climate Control
Blower (Front LH)Climate Control ECU
(Front LH)

TB5

TBS

T7

Climate Control Switch

Seat Climate Controller
(Seat Cushion, Front LH)

TC5

TCS

Seat Climate Controller
(Seat Cushion, Front LH)

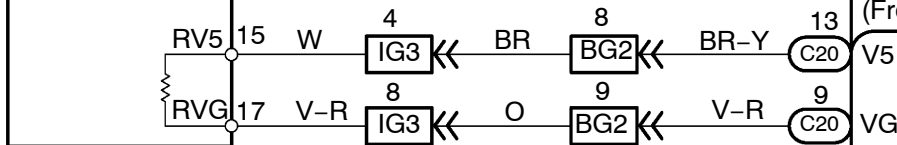
TC5

TCS

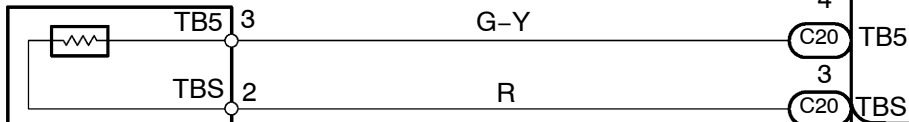
Seat Climate Control
Blower (Front RH)Climate Control ECU
(Front RH)

V5

VG



S39

Seat Climate Controller
(Seatback, Front RH)Seat Climate Controller
(Seat Cushion, Front RH)

TC5

TCS

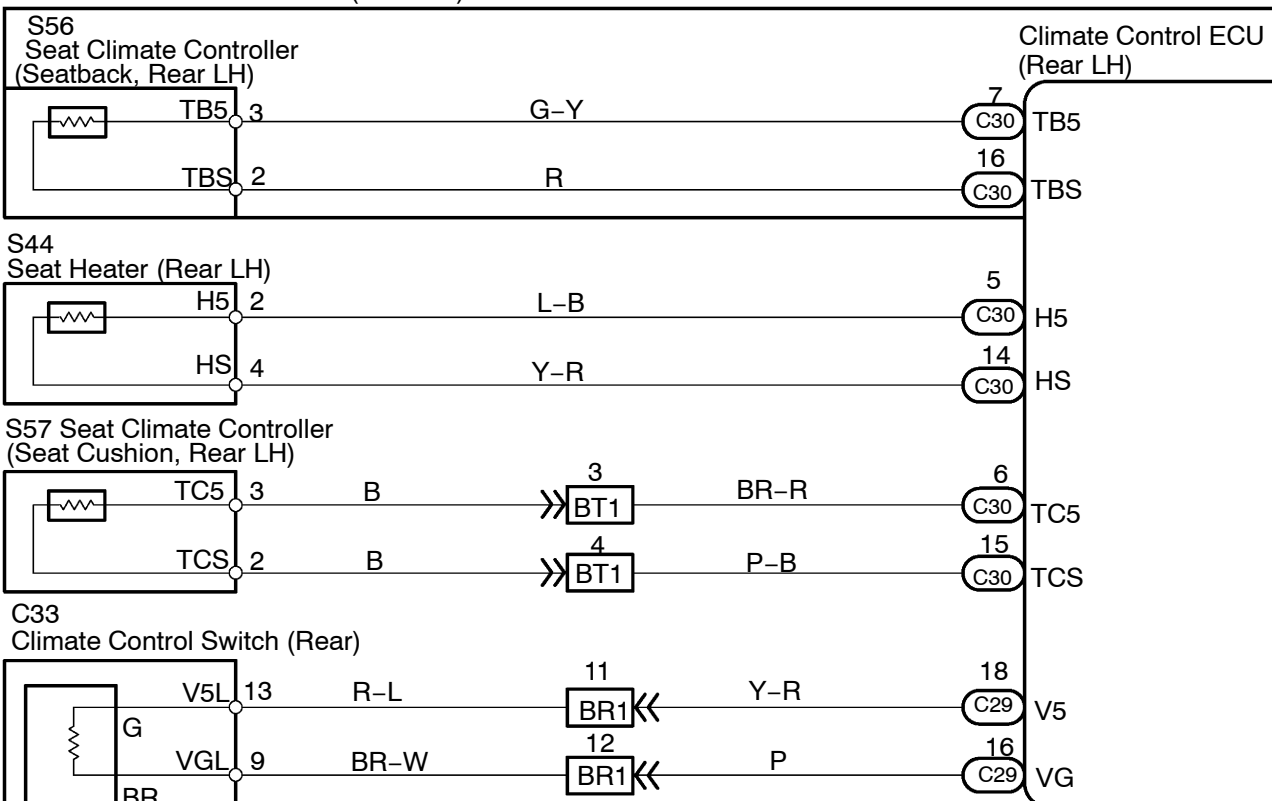
TC5

TCS

*1: LHD

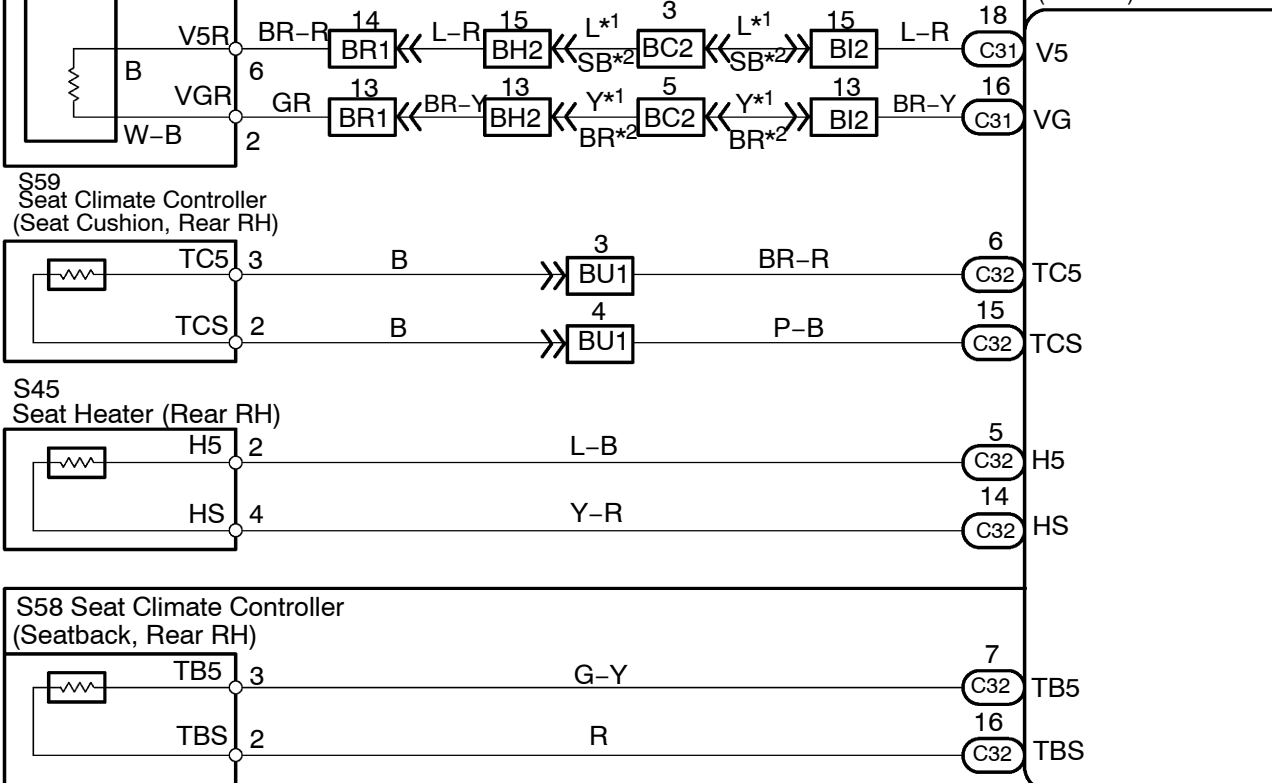
*2: RHD

Seat Climate Control Blower (Rear LH)



Seat Climate Control Blower (Rear RH)

Climate Control ECU (Rear RH)



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 8

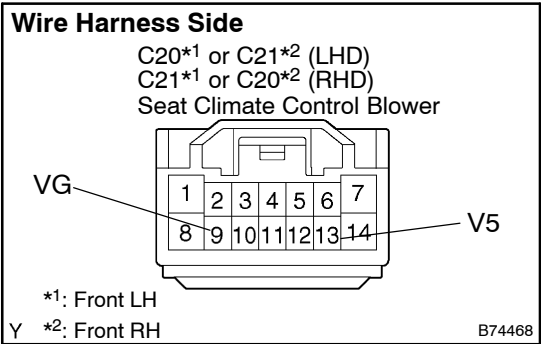
A

2 INSPECT CLIMATE CONTROL SWITCH (FRONT) (See page 05-2506)

NG REPLACE CLIMATE CONTROL SWITCH

OK

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



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 C20 or C21 blower connectors.
- (b) Measure the resistance of the wire harness side connector.

Standard:
Front LH (LHD)
Front RH (RHD)

Terminal Connection	Specified Condition
C20-13 (V5) - C20-9 (VG)	Approx. 5 kΩ

Front RH (LHD)
Front LH (RHD)

Terminal Connection	Specified Condition
C21-13 (V5) - C21-9 (VG)	Approx. 5 kΩ

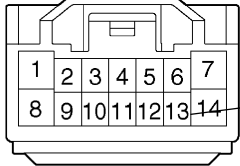
NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

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

Wire Harness Side

C20*1 or C21*2 (LHD)
C21*1 or C20*2 (RHD)
Seat Climate Control Blower



*1: Front LH
*2: Front RH

B74468

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) Measure the voltage of the wire harness side connector.

Standard:

Front LH (LHD)

Front RH (RHD)

Tester Connection	Condition	Specified Condition
C20-13 (V5) - Body Ground	Ignition switch ON	5 V

Front RH (LHD)

Front LH (RHD)

Tester Connection	Condition	Specified Condition
C21-13 (V5) - Body Ground	Ignition switch ON	5 V

NG

REPLACE SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU)

OK

5 INSPECTION SEAT CLIMATE CONTROLLER SWITCH (THERMISTOR OF SEAT-BACK) (See page 05-2506)

NG

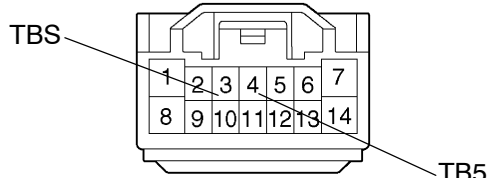
REPLACE SEAT CLIMATE CONTROLLER

OK

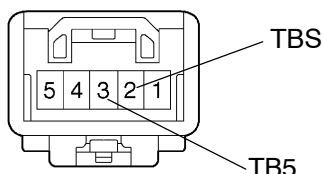
6 CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) – SEAT CLIMATE CONTROLLER)

Wire Harness Side

C20*1 or C21*2 (LHD)
C21*1 or C20*2 (RHD)
Seat Climate Control Blower



S38*1 or S39*2
Seat Climate Controller



*1: Front LH

Y *2: Front RH

B74463

HINT:

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

Terminal Connection	Specified Condition
C20-3 (TBS) – S38-2 (TBS)	Below 1 Ω
C20-4 (TB5) – S38-3 (TB5)	Below 1 Ω

Front RH (LHD)

Terminal Connection	Specified Condition
C21-3 (TBS) – S39-2 (TBS)	Below 1 Ω
C21-4 (TB5) – S39-3 (TB5)	Below 1 Ω

Front LH (RHD)

Terminal Connection	Specified Condition
C21-3 (TBS) – S38-2 (TBS)	Below 1 Ω
C21-4 (TB5) – S38-3 (TB5)	Below 1 Ω

Front RH (RHD)

Terminal Connection	Specified Condition
C20-3 (TBS) – S39-2 (TBS)	Below 1 Ω
C20-4 (TB5) – S39-3 (TB5)	Below 1 Ω

NG

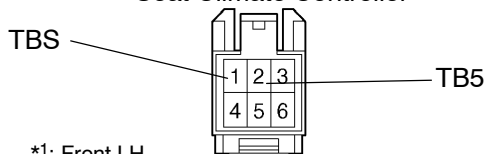
REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

7 CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) – SEAT CLIMATE CONTROLLER)

Wire Harness Side

S52*1
S53*2
Seat Climate Controller



*1: Front LH

Y *2: Front RH

B74472

HINT:

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

- Disconnect the S52 or S53 controller connectors.
- Measure the resistance of the wire harness side connector.

Standard:**Front LH**

Tester Connection	Ambient Temperature	Specified Condition
S52-2 (TB5) - S52-1 (TBS)	10°C (50°F)	Approx. 3.7 kΩ
S52-2 (TB5) - S52-1 (TBS)	25°C (77°F)	Approx. 2 kΩ
S52-2 (TB5) - S52-1 (TBS)	30°C (86°F)	Approx. 1.7 kΩ

Front RH

Tester Connection	Ambient Temperature	Specified Condition
S53-2 (TB5) - S53-1 (TBS)	10°C (50°F)	Approx. 3.7 kΩ
S53-2 (TB5) - S53-1 (TBS)	25°C (77°F)	Approx. 2 kΩ
S53-2 (TB5) - S53-1 (TBS)	30°C (86°F)	Approx. 1.7 kΩ

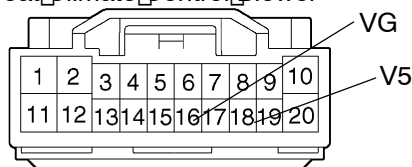
HINT:

As the temperature increases, the resistance decreases.

NG**REPLACE SEAT CLIMATE CONTROLLER****OK****REPLACE SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU)****8****INSPECT CLIMATE CONTROL SWITCH (REAR) (See page 05-2506)****NG****REPLACE CLIMATE CONTROL SWITCH****OK****9****CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) - CLIMATE CONTROL SWITCH)****Wire Harness Side**

C29*1 or C31*2

Seat Climate Control Blower



Y *1: Rear LH *2: Rear RH

B74469

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

Standard:**Rear LH**

Terminal Connection	Specified condition
C29-18 (V5) - C29-16 (VG)	Approx. 5 kΩ

Rear RH

Terminal Connection	Specified condition
C31-18 (V5) - C31-16 (VG)	Approx. 5 kΩ

NG**REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

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

Wire Harness Side

C29*1 or C31*2
Seat Climate Control Blower

1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20

V5

Y *1: Rear LH *2: Rear RH B74469

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) Measure the voltage of between the wire harness side connector.

Standard:

Rear LH

Tester Connection	Conndition	Specified Condition
C29-10 (V5) - Body Ground	Ignition Switch ON Climate Control Switch ON	10 to 14 V

Rear RH

Tester Connection	Conndition	Specified Condition
C31-10 (V5) - Body Ground	Ignition Switch ON Climate Control Switch ON	10 to 14 V

NG

REPLACE SEAT CLIMATE CONTROLLER (CLIMATE CONTROL ECU)

OK

11 INSPECT SEAT CLIMATE CONTROLLER (THERMISTOR OF SEATBACK) (See page 05-2506)

NG

REPLACE SEAT CLIMATE CONTROLLER

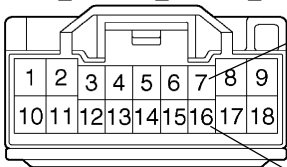
OK

12

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

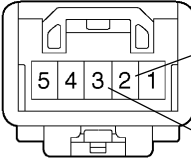
Wire Harness Side

C30*1
C32*2
Seat Climate Control Blower



TB5
TBS

S56*1
S58*2
Seat Climate Controller



TBS
TB5

*1: Rear LH
*2: Rear RH

Y

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 S56 or S58 controller connectors.
(c) Measure the resistance of between the wire harness side connectors.

Standard:
Rear LH

Terminal Connection	Specified Condition
C30-1 (TBS) - S56-2 (TBS)	Below 1 Ω
C30-7 (TB5) - S56-3 (TB5)	Below 1 Ω

Terminal Connection	Specified Condition
C32-1 (TBS) - S58-2 (TBS)	Below 1 Ω
C32-7 (TB5) - S58-3 (TB5)	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

13

INSPECT SEAT CLIMATE CONTROLLER (THERMISTOR OF SEAT CUSHION) (See page 05-2506)

NG

REPLACE SEAT CLIMATE CONTROLLER

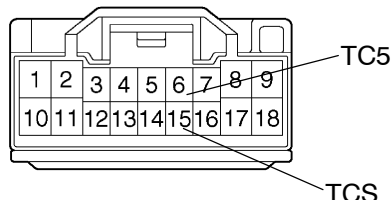
OK

14 CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) – SEAT CLIMATE CONTROLLER)

Wire Harness Side

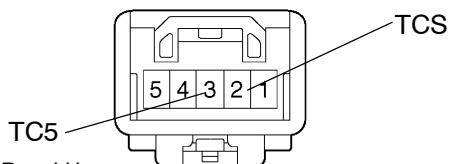
C30*1 or C32*2

Seat Climate Control Blower



S57*1 or S59*2

Seat Climate Controller



*1: Rear LH

Y *2: Rear RH

B74465

HINT:

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

- Disconnect the C30 or C32 blower connectors.
- Disconnect the S57 or S59 controller connectors.
- Measure the resistance of the wire harness side connectors.

Standard:

Rear LH

Terminal Connection	Specified Condition
C30-15 (TCS) – S57-2 (TCS)	Below 1 Ω
C30-6 (TC5) – S57-3 (TC5)	Below 1 Ω

Rear RH

Terminal Connection	Specified Condition
C32-15 (TCS) – S59-2 (TCS)	Below 1 Ω
C32-6 (TC5) – S59-3 (TC5)	Below 1 Ω

NG

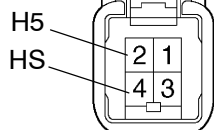
REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

15 INSPECT SEAT HEATER (THERMISTOR)

S44*1 or S45*2

Seat Heater



*1: Rear LH

*2: Rear RH

Y

B74502

HINT:

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

- Disconnect the S44 or S45 heater connector.
- Check the resistance between the terminals of the heater.

Standard:

Rear LH

Tester Connection	Ambient Temperature	Specified Condition
S44-2(H5) – S44-4 (HS)	10°C (50°F)	Approx. 3.7 k Ω
S44-2(H5) – S44-4 (HS)	25°C (77°F)	Approx. 2 Ω
S44-2(H5) – S44-4 (HS)	30°C (86°F)	Approx. 1.7 Ω

Rear RH

Tester Connection	Ambient Temperature	Specified Condition
S45-2(H5) – S45-4 (HS)	10°C (50°F)	Approx. 3.7 k Ω
S45-2(H5) – S45-4 (HS)	25°C (77°F)	Approx. 2 Ω
S45-2(H5) – S45-4 (HS)	30°C (86°F)	Approx. 1.7 Ω

NG

REPLACE SEAT HEATER

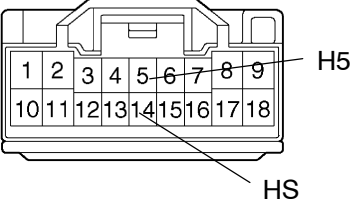
OK

16

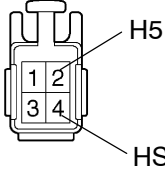
CHECK WIRE HARNESS (SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU) - SEAT HEATER)

Wire Harness Side

C30*1 or C32*2
Seat Climate Control Blower



S44*1 or S45*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 blinking, check the rear RH connector.

(a) Disconnect the C30 or C32 blower connectors.
(b) Disconnect the S44 or S45 heater connectors.
(c) Measure the resistance of the wire harness side connectors.

Standard:
Rear LH

Terminal Connection	Specified Condition
C30-5 (H5) - S44-2 (H5)	Below 1 Ω
C30-14 (HS) - S44-4 (HS)	Below 1 Ω

Rear RH

Terminal Connection	Specified Condition
C32-5 (H5) - S45-2 (H5)	Below 1 Ω
C32-14 (HS) - S45-4 (HS)	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE SEAT CLIMATE CONTROL BLOWER (CLIMATE CONTROL ECU)