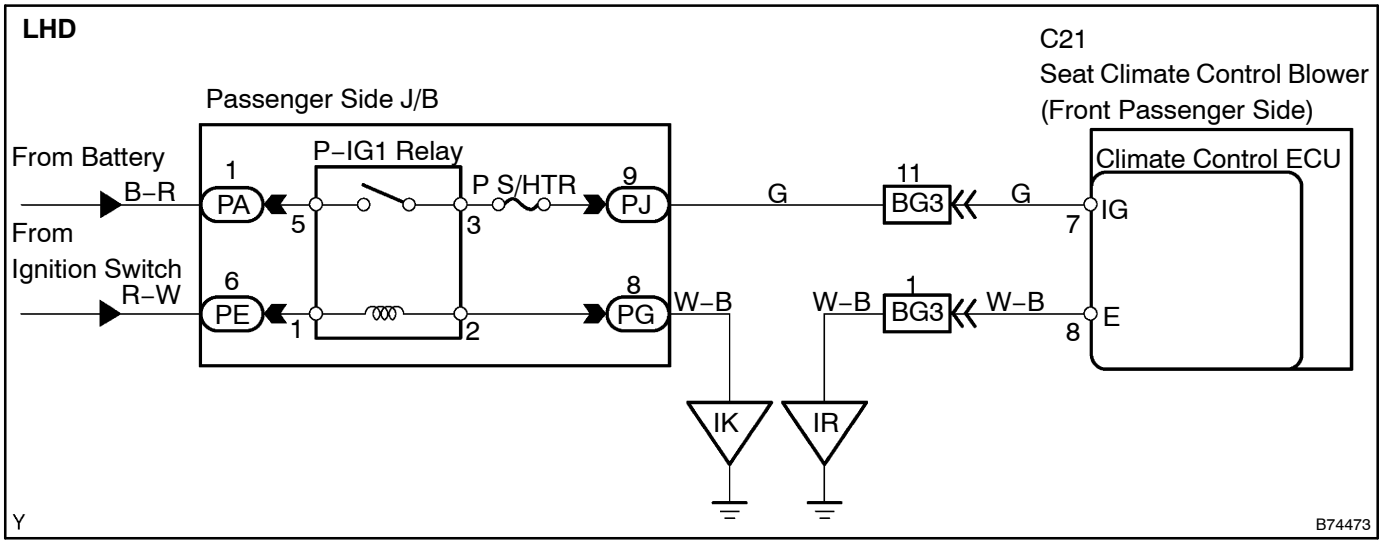
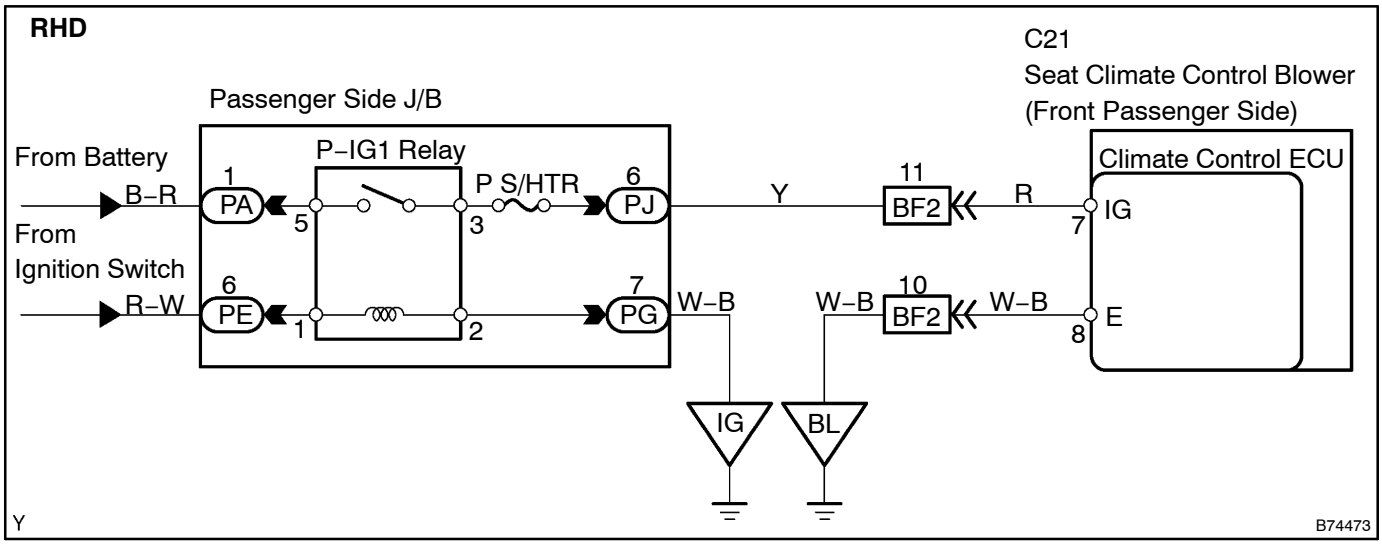
CLIMATE CONTROL SYSTEM DOES NOT OPERATE ON PASSENGER SIDE

CIRCUIT DESCRIPTION

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

WIRE DIAGRAM





INSPECTION PROCEDURE

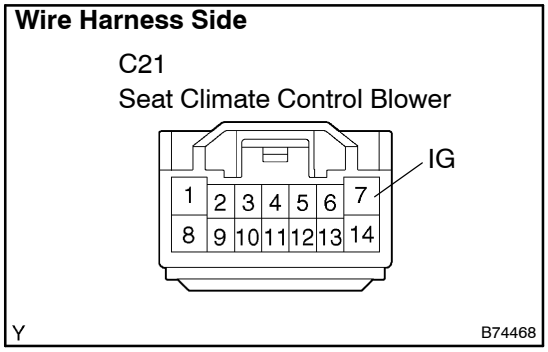
1	INSPECT FUSE (P S/HTR)

(a) Remove the P S/HTR fuse from the driver side J/B.
(b) Measure the resistance.
Standard: Below 1 Ω

NG → **REPLACE FUSE**

OK

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



(a) Disconnect the C21 blower connector.
(b) Measure the voltage of the wire harness side connector.

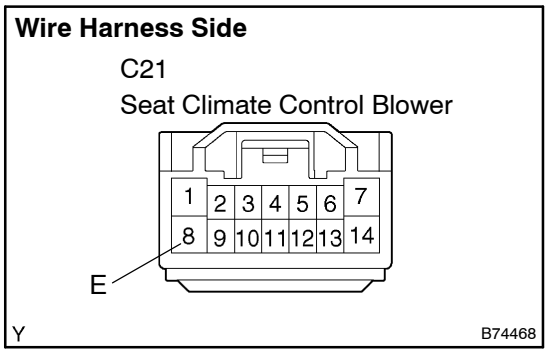
Standard:

Tester Connection	Condition	Specified Condition
C21–7 (IG) – Body ground	Ignition switch ON	10 to 14 V

NG → **Go to step 4**

OK

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



(a) Disconnect the C21 blower connector.
(b) Measure the voltage of the wire harness side connector.

Standard:

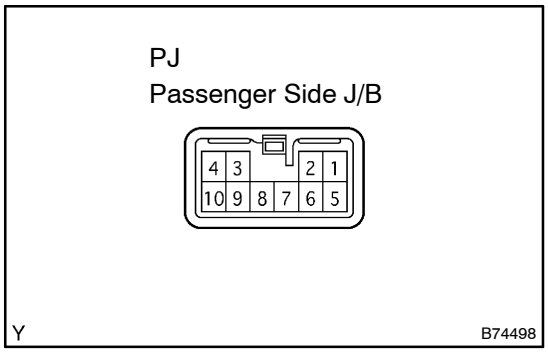
Tester Connection	Specified Condition
C21–8 (E) – Body ground	Below 1 Ω

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

OK

REPLACE CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU)

4	CHECK WIRE HARNESS (PASSENGER SIDE J/B – BODY GROUND)



(a) Disconnect the PJ J/B connector.
(b) Measure the voltage of the J/B terminal.

Standard:

LHD

Tester Connection	Condition	Specified Condition
PJ–9 – Body ground	Ignition switch ON	10 to 14 V

RHD

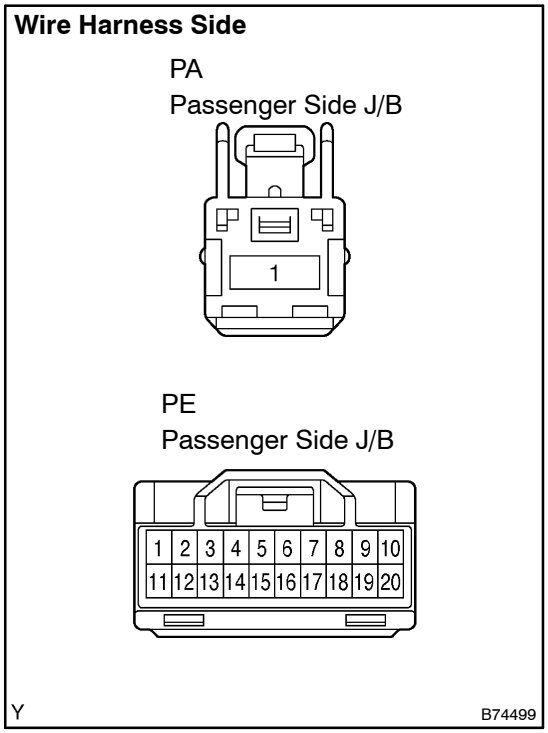
Tester Connection	Condition	Specified Condition
PJ–6 – Body ground	Ignition switch ON	10 to 14 V

NG → **Go to step 5**

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR (PASSENGER SIDE J/B – CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU))

5 CHECK WIRE HARNESS (PASSENGER SIDE J/B – BODY GROUND)



(a) Disconnect the PA and PE J/B connector.
(b) Measure the voltage of the wire harness side connector.

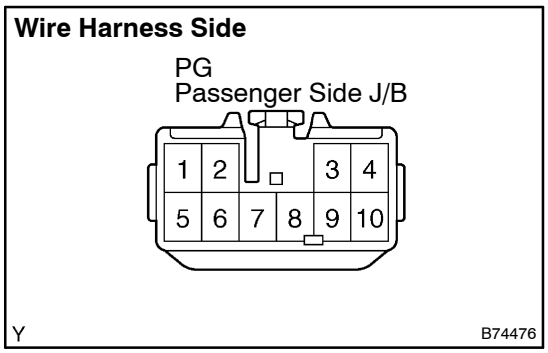
Standaed:

Tester Connection	Condition	Specified Condition
PA–1 – Body ground	Constant	10 to 14 V
PE–6 – Body ground	Ignition switch ON	10 to 14 V

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

OK

6 CHECK WIRE HARNESS (PASSENGER SIDE J/B – BODY GROUND)



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

Standard:

LHD

Tester Connection	Specified Condition
PG–8 – Body ground	Below 1 Ω

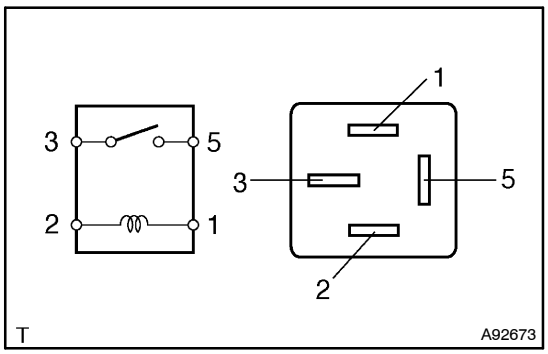
RHD

Tester Connection	Specified Condition
PG–7 – Body ground	Below 1 Ω

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

OK

7	**INSPECT RELAY (P–IG1)**



(a) Remove the P–IG1 relay from the passenger side J/B.
(b) Measure the resistance.

Standard:

Tester Connection	Specified Condition
3 – 5	10 kΩ or higher
3 – 5	Below 1 Ω (when battery voltage is applied to terminal 1 and 2)

NG → **REPLACE RELAY**

OK

REPLACE PASSENGER SIDE J/B