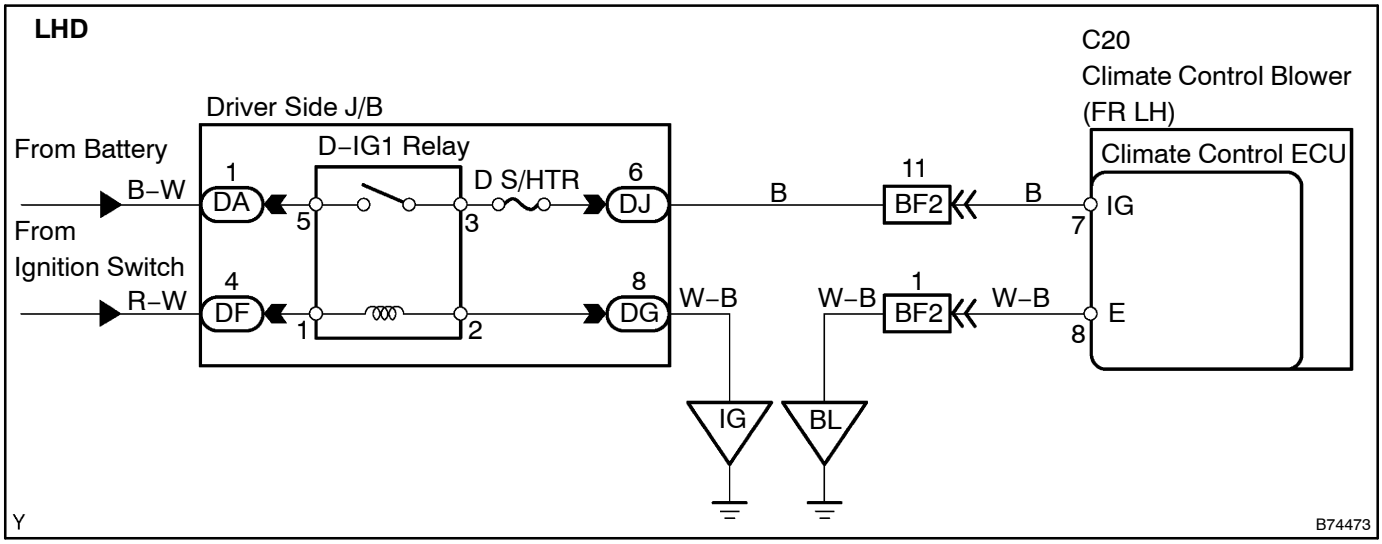
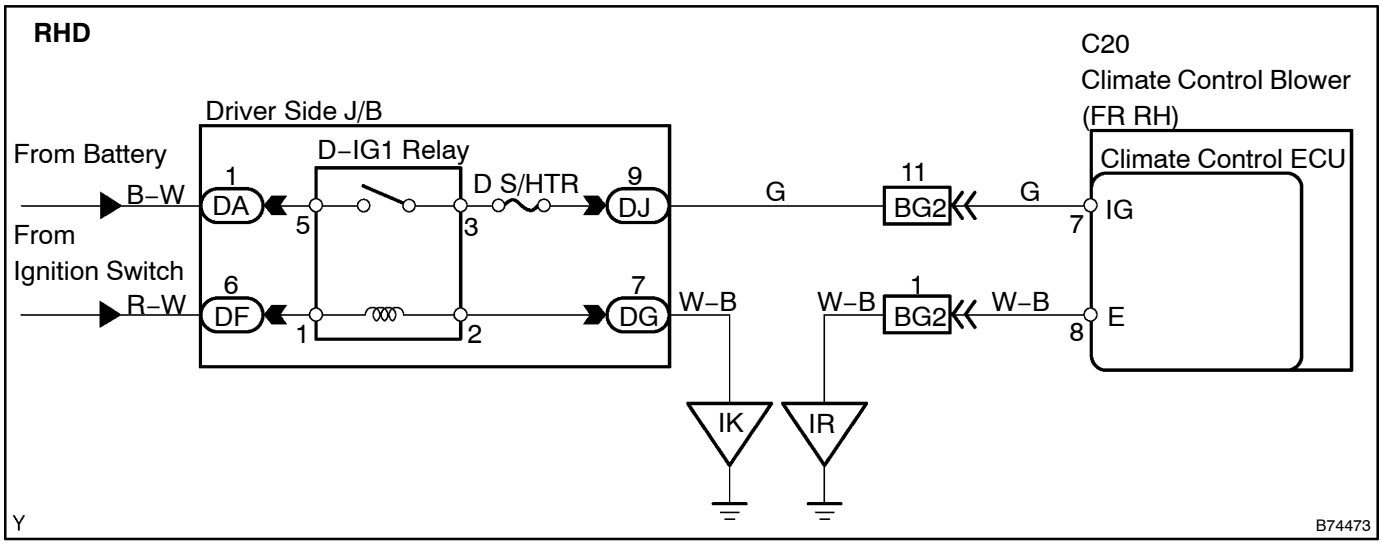
CLIMATE CONTROL SYSTEM DOES NOT OPERATE ON DRIVER SIDE

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

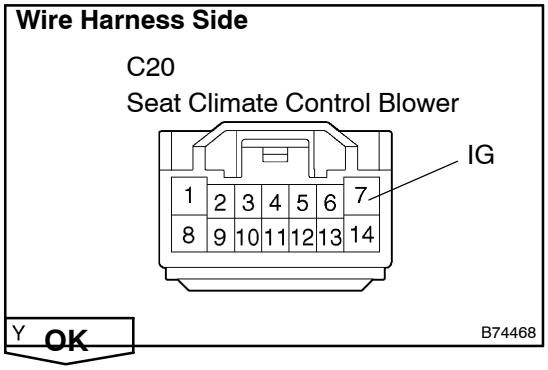
1	INSPECT FUSE (D S/HTR)

(a) Remove the D 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 C20 blower connector.
(b) Measure the voltage of the wire harness side connector.

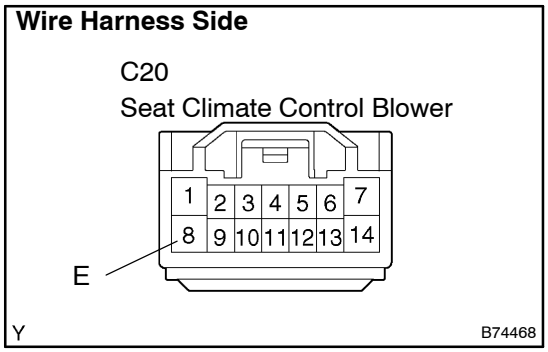
Standard:

Test Connection	Condition	Specified Condition
C20–7 (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 C20 blower connector.
(b) Measure the resistance of the wire harness side connector.

Standard:

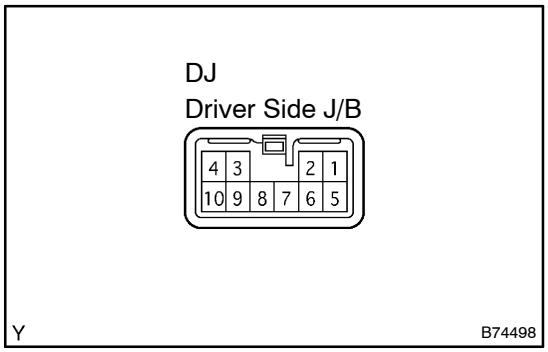
Tester Connection	Specified Condition
C20–8(E) – Body ground	Below 1 Ω

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

OK

REPLACE CLIMATE CONTROL BLOWER (SEAT CLIMATE CONTROL ECU)

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



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

Standard:

LHD

Test Connection	Condition	Specified Condition
DJ–6 – Body ground	Ignition switch ON	10 to 14 V

RHD

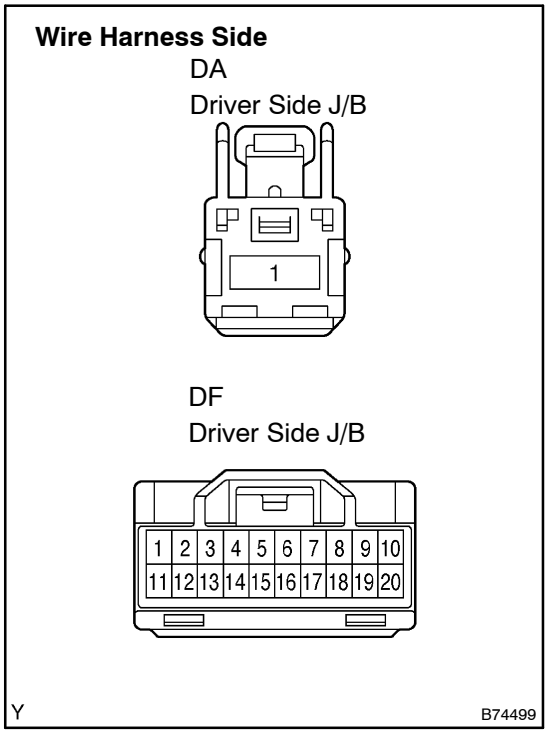
Test Connection	Condition	Specified Condition
DJ–9 – Body ground	Ignition switch ON	10 to 14 V

NG → **Go to step 5**

OK

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

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



(a) Disconnect the DA and DF J/B connectors.
(b) Measure the voltage of the wire harness side connector.

Standard:

LHD

Test Connection	Condition	Specified Condition
DA–1 – Body ground	Constant	10 to 14 V
DF–4 – Body ground	Ignition switch ON	10 to 14 V

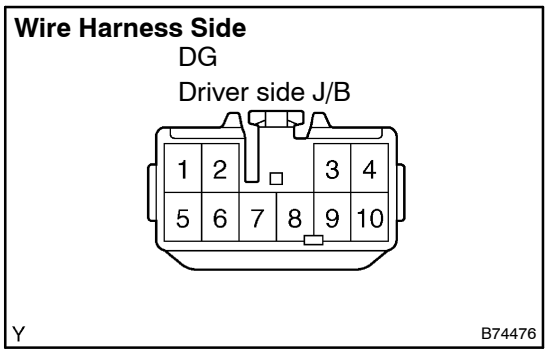
RHD

Test Connection	Condition	Specified Condition
DA–1 – Body ground	Constant	10 to 14 V
DF–6 – Body ground	Ignition switch ON	10 to 14 V

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

OK

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



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

Standard:

LHD

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

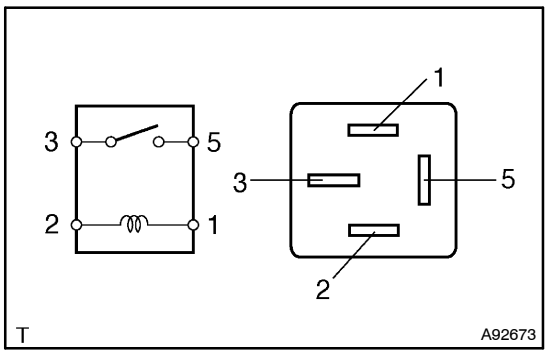
RHD

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

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

OK

7	**INSPECT RELAY (D–IG1)**



(a) Remove the D–IG1 relay from the driver 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 DRIVER SIDE J/B