

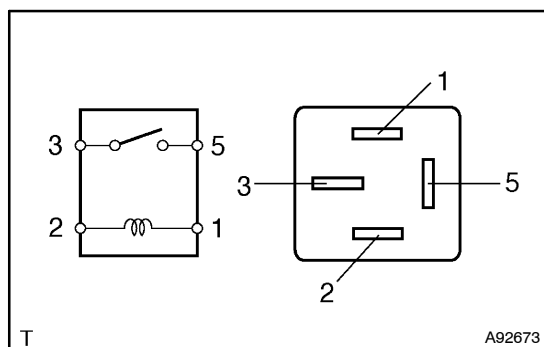
INSPECTION

1. INSPECT FUSE

- Remove the D S/HTR fuse from the driver side J/B.
- Remove the P S/HTR fuse from the passenger side J/B.
- Remove the RR S/HTR fuse from the luggage room J/B.
- Remove the P-IG fuse from the passenger side J/B.
- Measure the resistance.

Standard: Below 1 Ω

If the result is not as specified, replace the fuse.



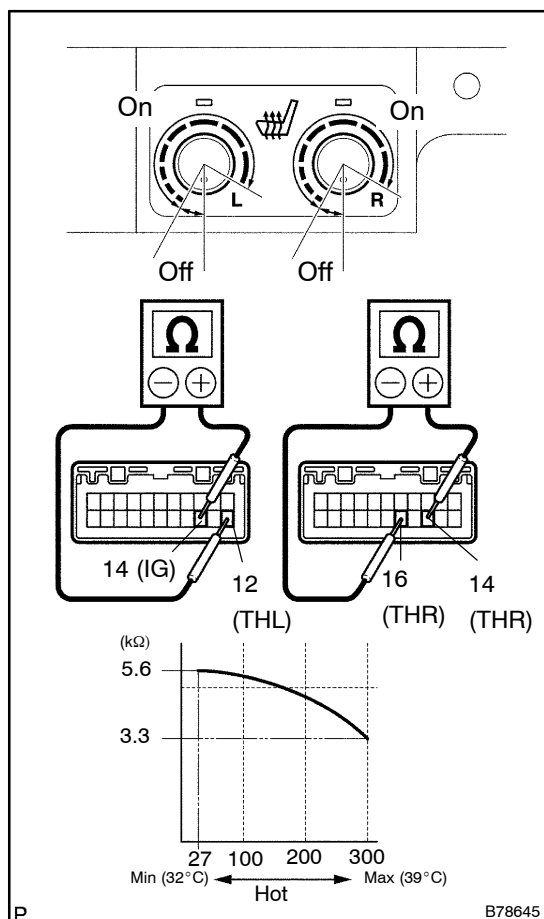
2. INSPECT RELAY (Marking: D-IG1, P-IG1, L-IG1)

- Remove the D-IG1 relay from the driver side J/B.
- Remove the P-IG1 relay from the passenger side J/B.
- Remove the L-IG1 relay from the luggage room J/B.
- Measure the resistance.

Standard:

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

If the result is not as specified, replace the relay.



3. INSPECT FRONT SEAT HEATER SWITCH

- Driver's side:
Measure the resistance between the terminals when the switch is operated.

Standard:

Tester Connection	Switch Condition	Specified Condition
12 (THL) – 14 (IG)	Switch ON (LH) (Min. to Max.)	5.6 k Ω to 3.3 k Ω

HINT:

As the dial is being turned, the resistance changes gradually.
If the result is not as specified, replace the switch assy.

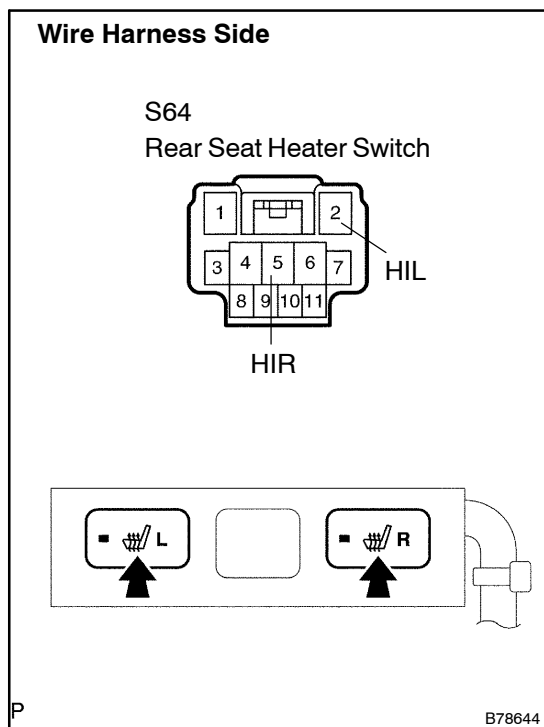
- Passenger's side:
Measure the resistance between the terminals when the switch is operated.

Standard:

Tester Connection	Switch Condition	Specified Condition
14 (IG) – 16 (THR)	Switch ON (RH) (Min. to Max.)	5.6 k Ω to 3.3 k Ω

HINT:

As the dial is being turned, the resistance changes gradually.
If the result is not as specified, replace the switch assy.



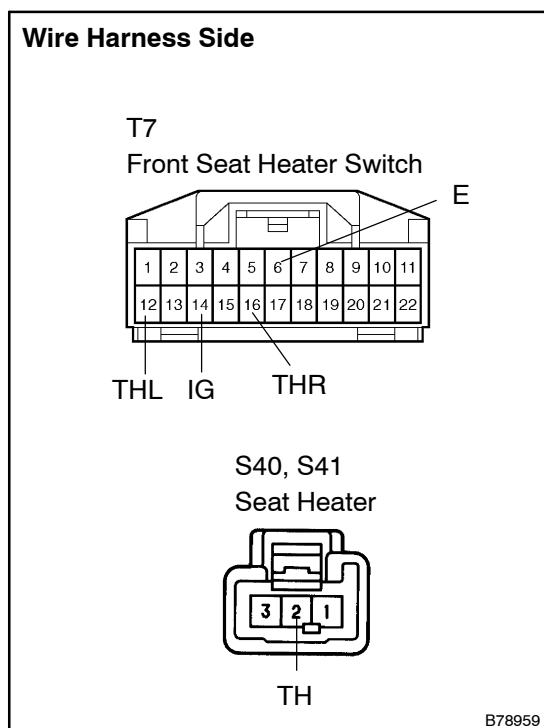
4. INSPECT REAR SEAT HEATER SWITCH

- Turn the ignition switch to the ON position.
- Measure the voltage of the wire harness side connector.

Standard:

Tester Connection	Switch Condition	Specified Condition
S64-2(HIL) – Body ground	Switch ON (Switch L)	10 to 14 V
S64-5(HIR) – Body ground	Switch ON (Switch R)	10 to 14 V

If the result is not as specified, replace the switch.



5. CHECK WIRE HARNESS (FRONT)

- Disconnect the T7 switch, S40 and S41 seat heater connectors.
- Measure the voltage of the wire harness side connector.

Standard:

Tester Connection	Switch Condition	Specified Condition
T7-14 (IG) – Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V
S40-1 – Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V
S41-1 – Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V

- Measure the resistance of the wire harness side connectors.

Standard:

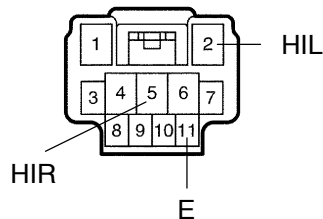
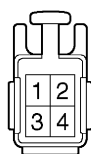
Tester Connection	Switch Condition	Specified Condition
T7-12 (THL) – S40-2 (TH)	Constant	Below 1 Ω
T7-16 (THR) – S41-2 (TH)	Constant	Below 1 Ω
T7-6 (E) – Body ground	Constant	Below 1 Ω
S40-3 – Body ground	Constant	Below 1 Ω
S41-3 – Body ground	Constant	Below 1 Ω

If the voltage and resistance measurements are not as specified but the other suspected areas listed in the problem symptoms table ([see page 72-31](#)) are operating normally, repair or replace the wire harness and connector.

Wire Harness Side

S64

Rear Seat Heater Switch

S44 (LH), S45 (RH)
Seat Heater (Rear)

B78958

6. CHECK WIRE HARNESS (REAR)

- Disconnect the S64 switch, S44 and S45 seat heater connectors.
- Measure the resistance of the wire harness side connector.

Standard:

Tester Connection	Switch Condition	Specified Condition
*1 S64-2 (HIL) – S44-1	Constant	Below 1 Ω
*1 S64-5 (HIR) – S45-1	Constant	Below 1 Ω
*2 S64-2 (HIL) – S44-2	Constant	Below 1 Ω
*2 S64-5 (HIR) – S45-2	Constant	Below 1 Ω
S64-11 (E) – Body ground	Constant	Below 1 Ω
S44-4 – Body ground	Constant	Below 1 Ω
S45-4 – Body ground	Constant	Below 1 Ω

HINT:

*1: w/o Rear power seat

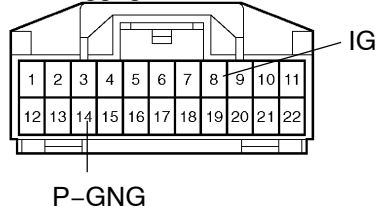
*2: w/ Rear power seat

If the voltage and resistance measurements are not as specified but the other suspected areas listed in the problem symptoms table ([see page 72-31](#)) are operating normally, repair or replace the wire harness and connector.

Wire Harness Side

L13

Luggage Room J/B ECU



P-GND

N

B78957

7. INSPECT LUGGAGE ROOM J/B ECU

- Disconnect the L13 luggage room J/B ECU connector.
- Measure the voltage and resistance of the wire harness side connector.

Standard:

Tester Connection	Switch Condition	Specified Condition
L13-8 (IG) – Body ground	Ignition switch OFF → ON	Below 1V → 10 to 14V
L13-14 (P-GND) – Body ground	Constant	Below 1 Ω

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