

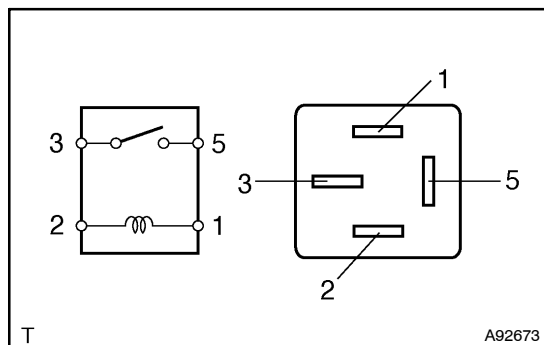
INSPECTION

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

Standard: Below 1 Ω

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



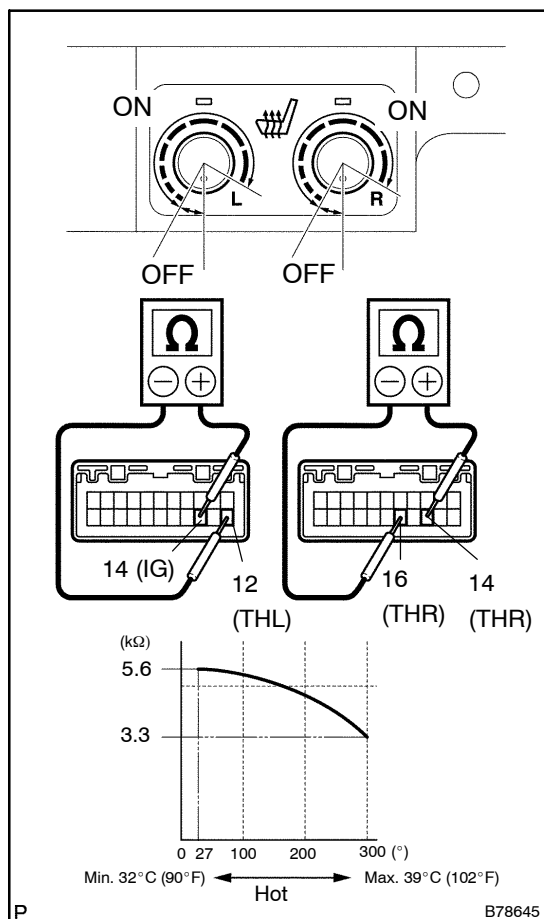
2. INSPECT RELAY (Marking: D-IG1, P-IG1, L-IG1)

- 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.)	3.3 to 5.6 k Ω

HINT:

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

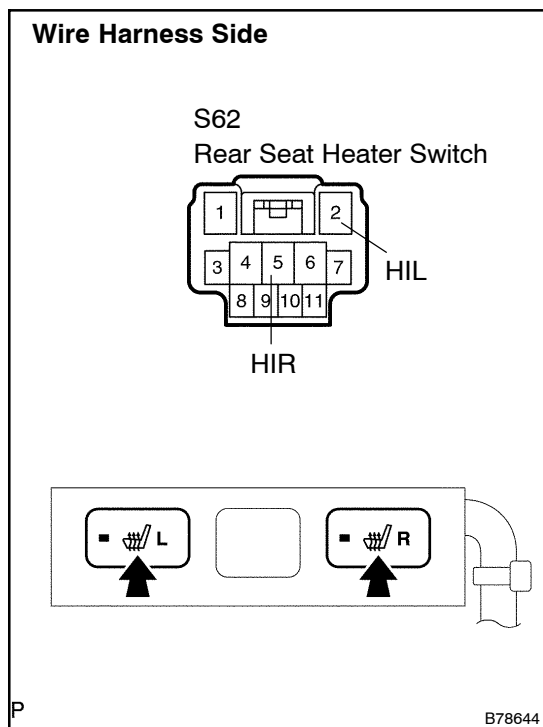
- Passenger's side:
Measure the resistance between the terminals when the switch is operated.

Standard:

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

HINT:

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



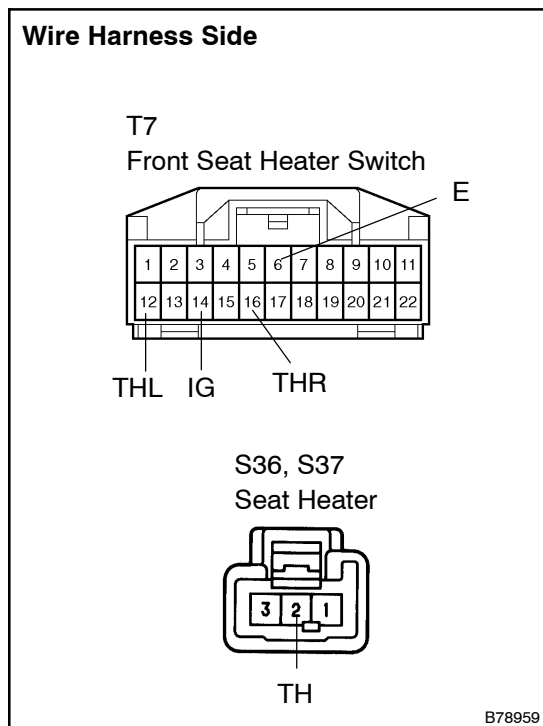
4. INSPECT REAR SEAT HEATER SWITCH

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

Standard:

Tester Connection	Switch Condition	Specified Condition
S62-2 (HIL) - Body ground	Switch ON (Switch L)	10 to 14 V
S62-5 (HIR)- Body ground	Switch ON (Switch R)	10 to 14 V

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



5. CHECK WIRE HARNESS (FRONT)

- Disconnect the T7 switch, S36 and S37 seat heater connectors.
- Measure the voltage of the wire harness side connector.

Standard:

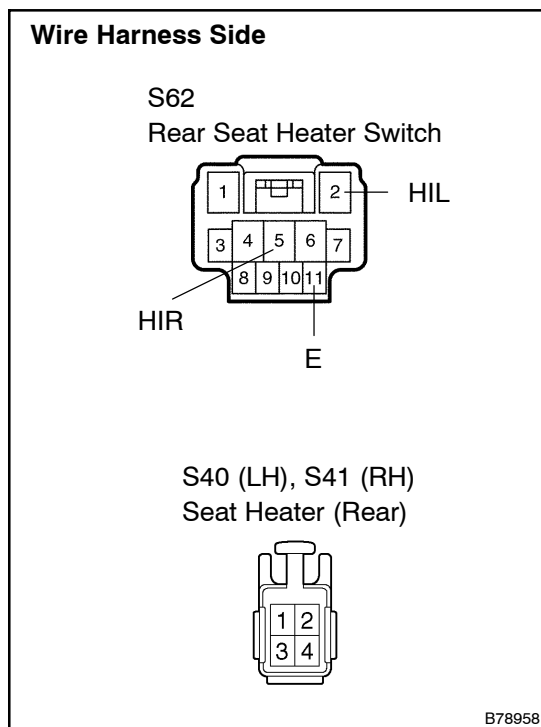
Tester Connection	Switch Condition	Specified Condition
T7-14 (IG) - Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V
S36-1 - Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V
S37-1 - Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V

- Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Switch Condition	Specified Condition
T7-12 (THL) - S36-2 (TH)	Always	Below 1 Ω
T7-16 (THR) - S37-2 (TH)	Always	Below 1 Ω
T7-6 (E) - Body ground	Always	Below 1 Ω
S36-3 - Body ground	Always	Below 1 Ω
S37-3 - Body ground	Always	Below 1 Ω

If the voltage and resistance measurements are not as specified but the other suspected areas listed in the problem symptom table (see page 72-30) are operating normally, repair or replace the wire harness and connector.



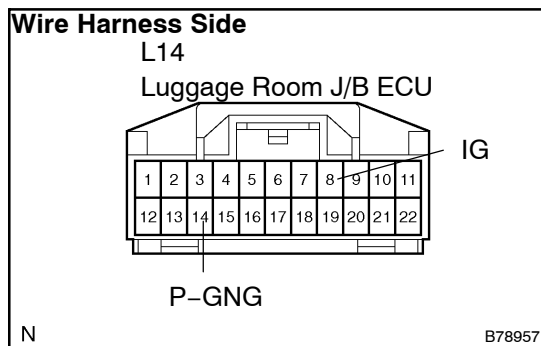
6. CHECK WIRE HARNESS (REAR)

- Disconnect the S62 switch, S40 and S41 seat heater connectors.
- Measure the resistance of the wire harness side connector.

Standard:

Tester Connection	Switch Condition	Specified Condition
S62-2 (HIL) – S40-1	Always	Below 1 Ω
S62-5 (HIR) – S41-1	Always	Below 1 Ω
S62-11 (E) – Body ground	Always	Below 1 Ω
S40-4 – Body ground	Always	Below 1 Ω
S41-4 – Body ground	Always	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 72-30) are operating normally, repair or replace the wire harness and connector.



7. INSPECT LUGGAGE ROOM J/B ECU

- Disconnect the L14 luggage room J/B ECU connector.
- Measure the voltage and resistance of the wire harness side connector.

Standard:

Tester Connection	Switch Condition	Specified Condition
L14-8 (IG) – Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14V
L14-14 (P-GND) – Body ground	Always	Below 1 Ω

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