

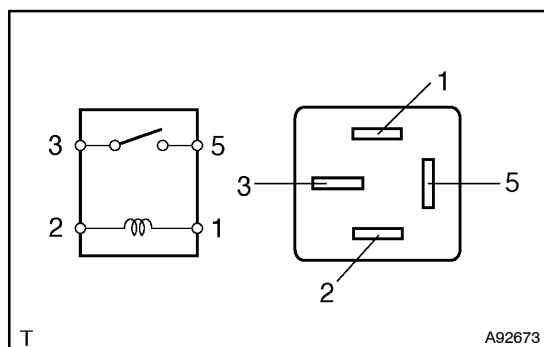
## INSPECTION

### 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  $\Omega$**

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



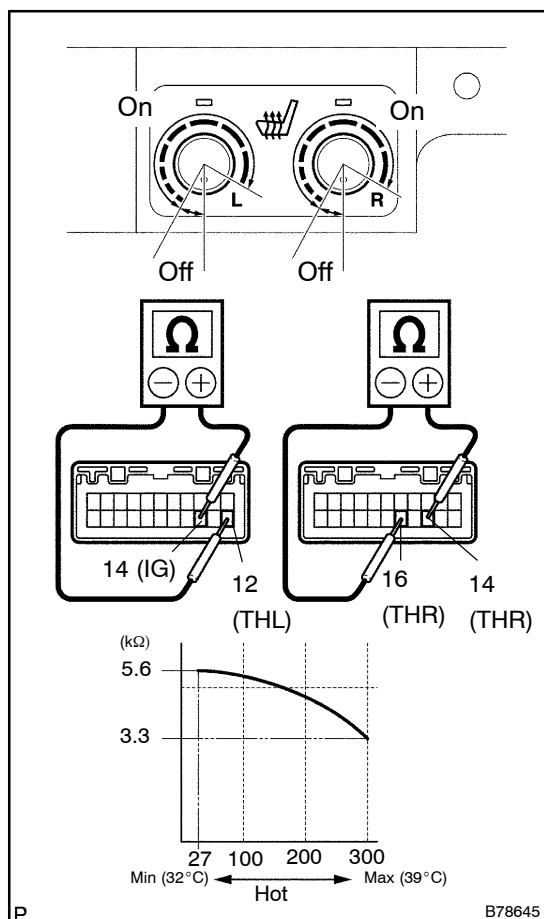
### 2. INSPECT RELAY (Marking: D-IG1, P-IG1, L-IG1)

- 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 $\Omega$ or higher
3 - 5	Below 1 $\Omega$ (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 $\Omega$ to 3.3 k $\Omega$

HINT:

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

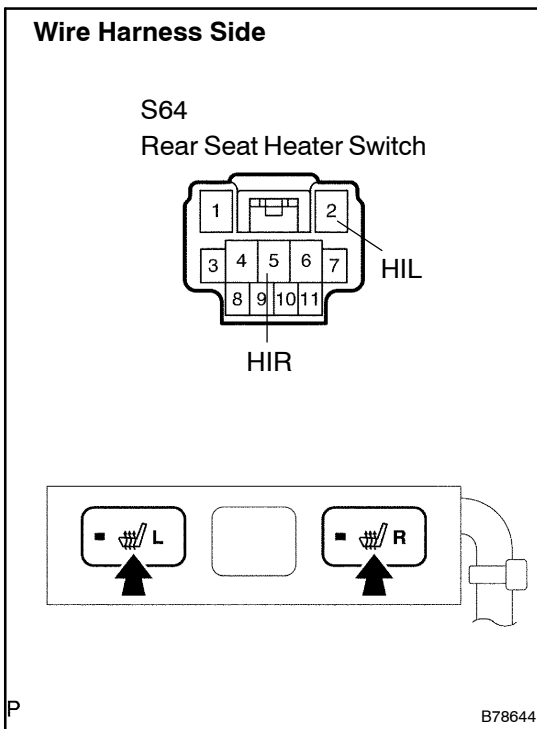
- Passenger's side:  
Measure the resistance between the terminals when the switch is operated.

**Standard:**

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

HINT:

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



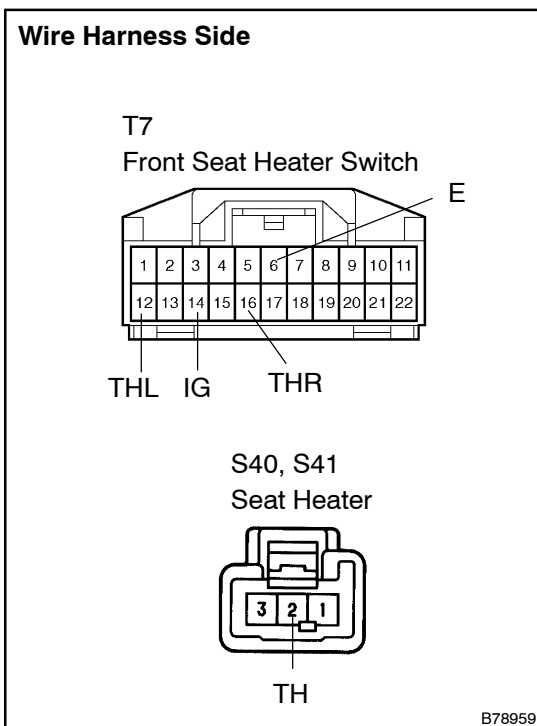
#### 4. INSPECT REAR SEAT HEATER SWITCH

- 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:

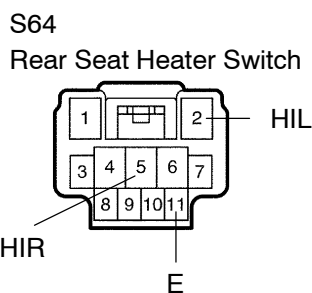
Tester Connection	Switch Condition	Specified Condition
T7-14 (IG) - Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V
S40-1 - Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V
S41-1 - Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V

- Measure the resistance of the wire harness side connectors.

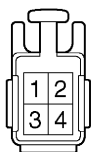
##### Standard:

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**

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



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**6. CHECK WIRE HARNESS (REAR)**

- (a) Disconnect the S64 switch, S44 and S45 seat heater connectors.
- (b) 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 $\Omega$
*1 S64-5 (HIR) - S45-1	Constant	Below 1 $\Omega$
*2 S64-2 (HIL) - S44-2	Constant	Below 1 $\Omega$
*2 S64-5 (HIR) - S45-2	Constant	Below 1 $\Omega$
S64-11 (E) - Body ground	Constant	Below 1 $\Omega$
S44-4 - Body ground	Constant	Below 1 $\Omega$
S45-4 - Body ground	Constant	Below 1 $\Omega$

**HINT:**

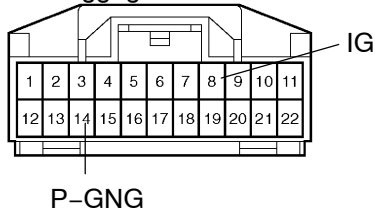
\*1: w/o Rear power seat

\*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



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**7. INSPECT LUGGAGE ROOM J/B ECU**

- (a) Disconnect the L13 luggage room J/B ECU connector.
- (b) 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 $\rightarrow$ ON	Below 1V $\rightarrow$ 10 to 14V
L13-14 (P-GND) - Body ground	Constant	Below 1 $\Omega$

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