

## INSPECTION

### 1. INSPECT SEAT HEATER SWITCH CONTINUITY

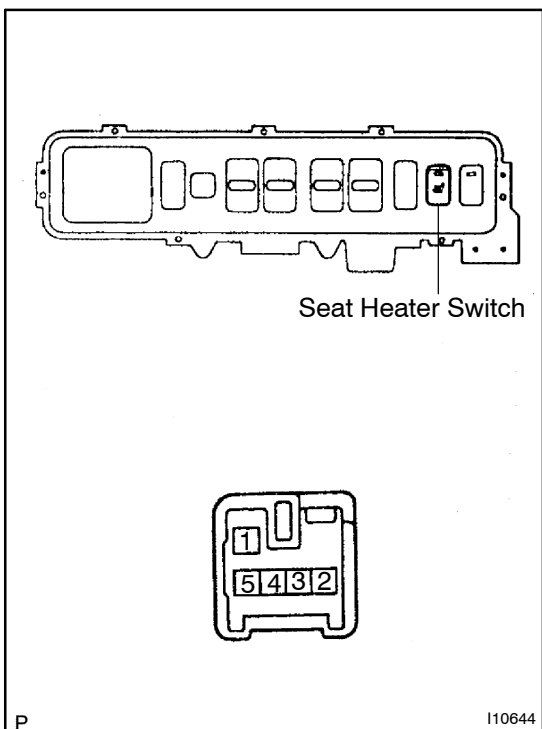
Switch position	Tester connection	Specified condition
ON	6 - 8	Continuity
Illumination circuit	5 - 6	Continuity

If continuity is not as specified, replace the switch.

### 2. INSPECT SEAT HEATER INDICATOR LIGHT OPERATION

- Connect the positive (+) lead from the battery to terminal 7 and the negative (-) lead to terminal 6.
- Push the seat heater switch Right or Left side and check that the indicator light lights up.

If operation is not as specified, replace the switch and inspect the circuits connected to other parts.



### 3. FOR DRIVER DOOR SIDE REAR SEAT INSPECT SEAT HEATER SWITCH CONTINUITY

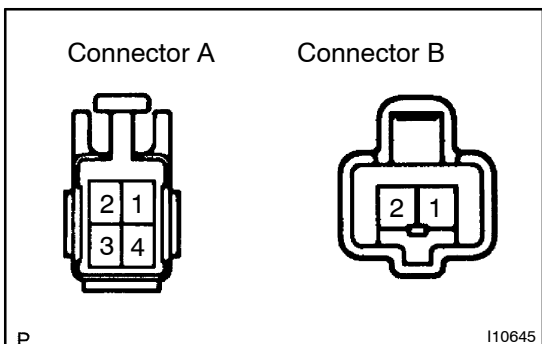
Switch position	Tester connection	Specified condition
ON	3 - 5	Continuity
Illumination circuit	2 - 3	Continuity

If continuity is not as specified, replace the switch.

### 4. FOR DRIVER DOOR SIDE REAR SEAT INSPECT SEAT HEATER INDICATOR LIGHT OPERATION

- Connect the positive (+) lead from the battery to terminal 3 and the negative (-) lead to terminal 1.
- Push the seat heater switch Right or Left side and check that the indicator light lights up.

If operation is not as specified, replace the switch and inspect the circuits connected to other parts.

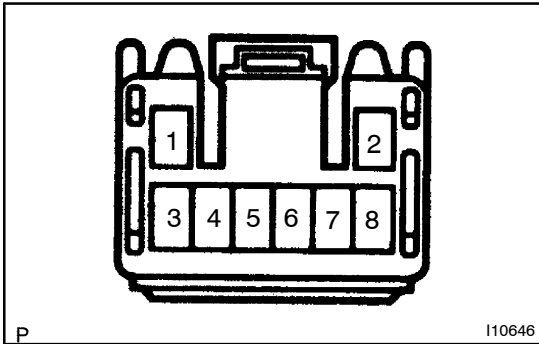


### 5. INSPECT SEAT HEATER CONTINUITY

Check electrical continuity between the following connector terminals.

Terminal	Specified condition
A1 - A2 - A4 - B2 A3 - B1	Continuity

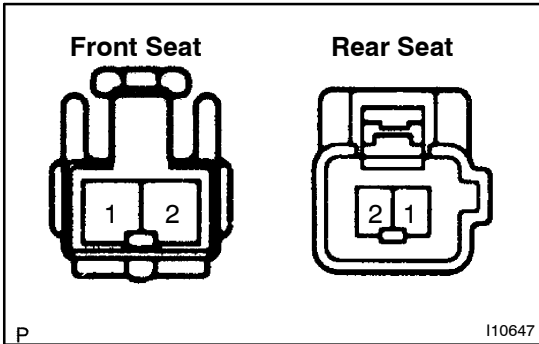
If continuity is not as specified, replace the heater.



**Rear seat cushion side**

Terminal	Specified condition
1 - 2 - 3 - 7 4 - 6	Continuity

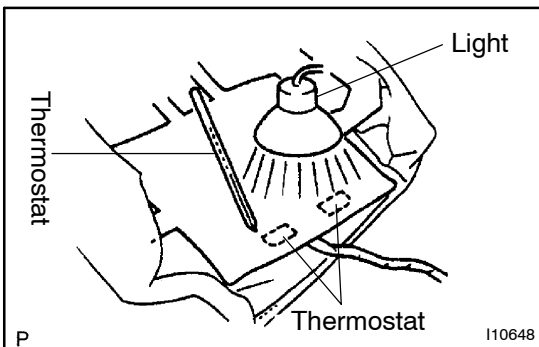
If continuity is not as specified, replace the heater.



**FRONT/REAR seat back side**

Terminal	Specified condition
1 - 2	Continuity

If continuity is not as specified, replace the heater.



**6. INSPECT THERMOSTAT OPERATION**

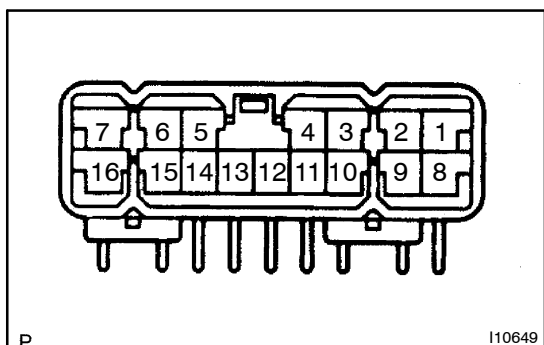
Heat the thermostat by a light or a link and check electrical continuity between the following connector terminals.

HINT:

For the front seat heater, check with the cushion and back side connectors being connected.

Terminal	Temperature
1 - 2 - 3	35 °C or less
2 - 3	35 °C - 45 °C
-	45 °C or more

If continuity is not as specified, replace the heater.



## 7. INSPECT SEAT HEATER CONTROLLER

Check electrical continuity or voltage between each terminal and body earth or terminals as listed in the table below. The "Disconnect and check at vehicle side" in the table below means to disconnect the respective connector and check on the vehicle side connector, and "Check with connected connector" means to check with the respective connector being connected.

### HINT:

Carry out "Check with connected connector" after the "Disconnect and check at vehicle side."

### Connector disconnected

Terminal No.	Measurement condition	Standard
1 ↔ Ground	Seat temperature 40 °C or less	Continuity
2 ↔ Ground	Seat temperature 40 °C or less	Continuity
3 ↔ Ground	Ignition switch OFF → ON	Battery voltage
4 ↔ Ground	Seat temperature 40 °C or less	Continuity
5 ↔ Ground	Seat temperature 40 °C or less	Continuity
6 ↔ Ground	Seat heater switch (in driver's seat trim) OFF → ON (the switch is depressed)	No continuity → Continuity
7 ↔ Ground	Always	Continuity
8 ↔ Ground	Always	Continuity
10 ↔ Ground	Tail light switch OFF → ON	Battery voltage
11 ↔ Ground	Seat temperature 40 °C or less	Continuity
12 ↔ Ground	Always	Continuity
13 ↔ Ground	Seat heater switch LH OFF → ON (the switch is depressed)	No continuity → Continuity
14 ↔ Ground	Seat heater switch LH OFF → ON (the switch is depressed)	No continuity → Continuity
15 ↔ Ground	Seat temperature 40 °C or less	Continuity
16 ↔ Ground	Always	Continuity

### Connector disconnected

Terminal No.	Measurement condition	Standard
4 ↔ Ground	Ignition switch ON, seat heater switch LH OFF → ON, seat temperature 40 °C or less	Battery voltage
11 ↔ Ground	Ignition switch ON, seat heater switch RH OFF → ON, seat temperature 40 °C or less	Battery voltage
4 ↔ Ground	Ignition switch ON, seat heater switch (in driver's seat trim) OFF → ON, seat temperature 40 °C or less	Battery voltage
11 ↔ Ground	Ignition switch ON, seat heater switch (in driver's seat trim) OFF → ON, seat temperature 40 °C or less	Battery voltage

If circuit is not as specified, replace the controller.