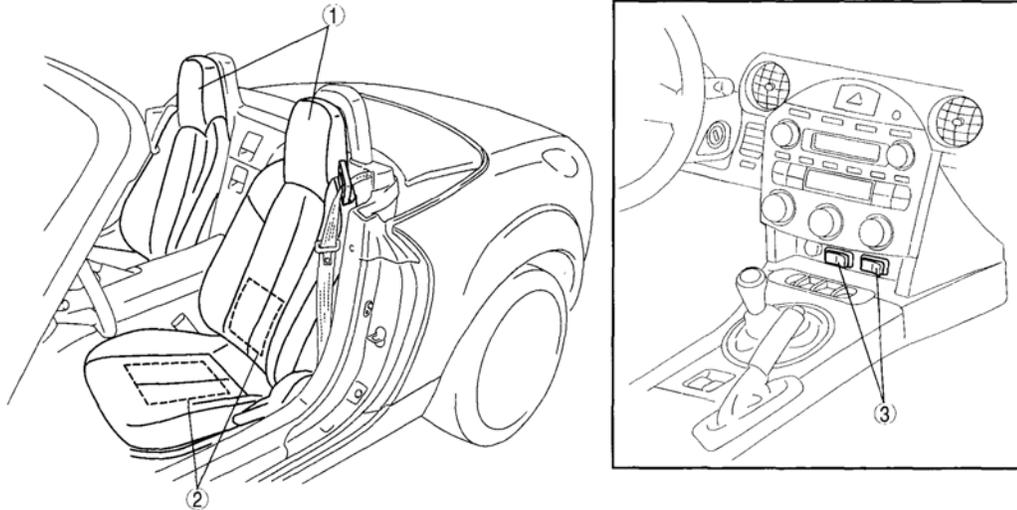


2007 ACCESSORIES & BODY, CAB

Seats - MX-5 Miata

SEAT LOCATION INDEX



E5U913ZW5001

1	Seat
2	Seat warmer unit
3	Seat warmer switch

**Fig. 1: Identifying Location Of Seat Components**  
Courtesy of MAZDA MOTORS CORP.

SEAT REMOVAL/INSTALLATION

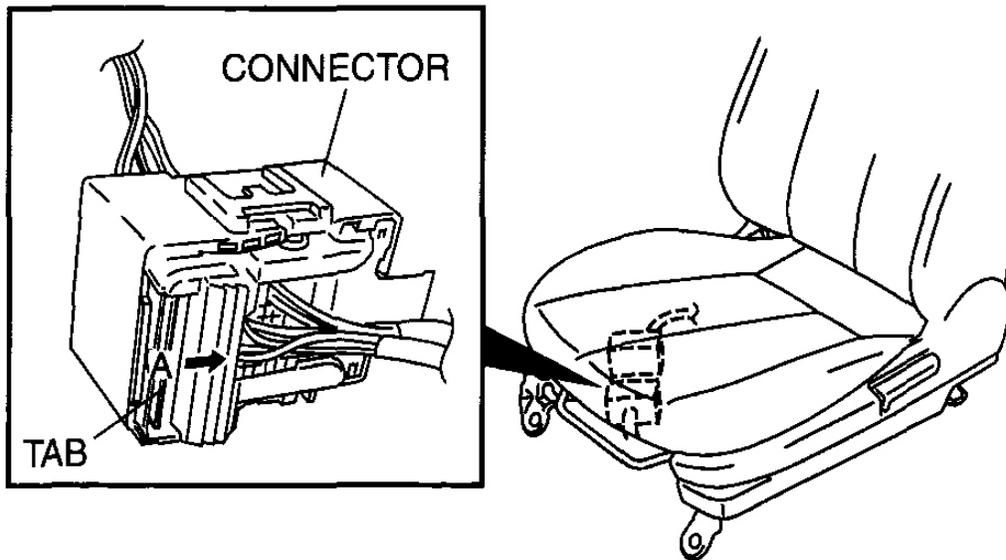
**WARNING:**

- Handling the seat (side air bag) improperly can accidentally deploy the side air bag module, which may seriously injure you. Read the air bag system service warnings and cautions before handling the seat. (See AIR BAG SYSTEM SERVICE WARNINGS .) (See AIR BAG SYSTEM SERVICE CAUTIONS .)

**CAUTION:**

- When the passenger's seat is removed, perform the seat weight sensor inspection using the WDS or equivalent after installing the passenger's seat. (See SEAT WEIGHT SENSOR INSPECTION .)
- When the passenger's seat is replaced with a new one, perform the seat weight sensor calibration using the WDS or equivalent. (See SEAT WEIGHT SENSOR CALIBRATION .)

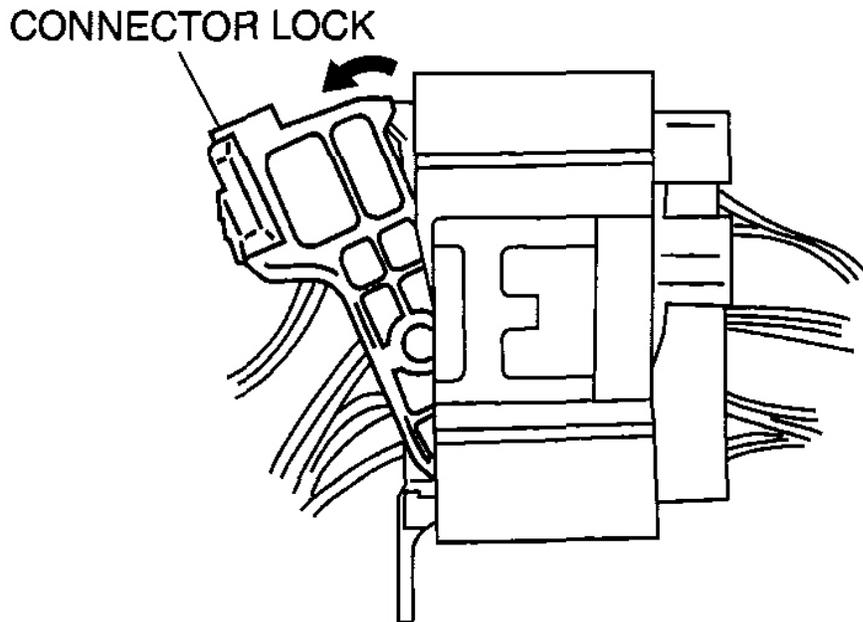
1. Turn the ignition switch to the LOCK position.
2. Remove the battery cover.
3. Disconnect the negative battery cable and wait for **1 min or more** . (See **BATTERY REMOVAL/INSTALLATION [LF]** .)
4. Press connector tab A in the direction of the arrow.



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**Fig. 2: Pressing Connector Tab A**  
Courtesy of MAZDA MOTORS CORP.

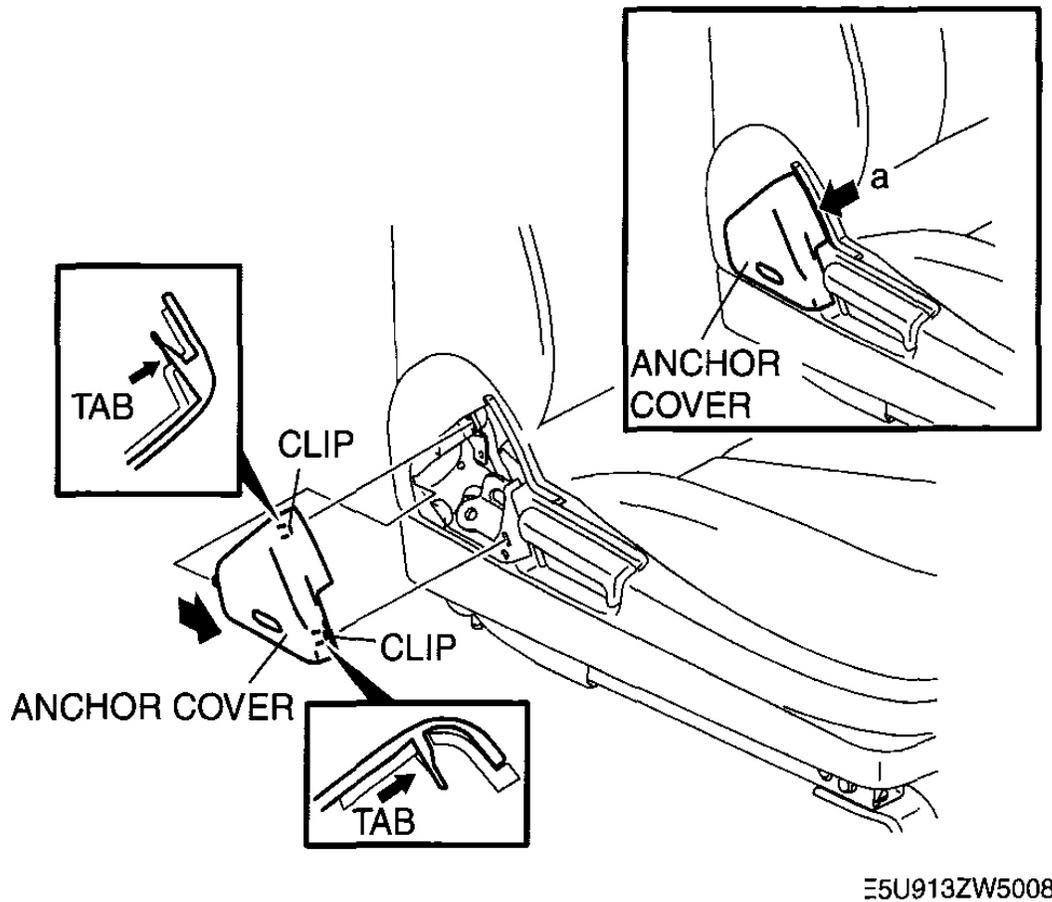
5. Pull out the connector lock in the direction of the arrow and disconnect the connector.



B3E0913W117

**Fig. 3: Pulling Out Connector Lock**  
Courtesy of MAZDA MOTORS CORP.

6. Insert your hand through part as shown in **Fig. 4** the figure and pull the anchor cover outward, (passenger's seat)
7. Detach the clip tabs and slide the anchor cover to the vehicle front and remove it. (passenger's seat)
8. Remove the lower anchor installation bolt of the seat belt, (passenger's seat) (See **SEAT BELT REMOVAL/INSTALLATION** .)

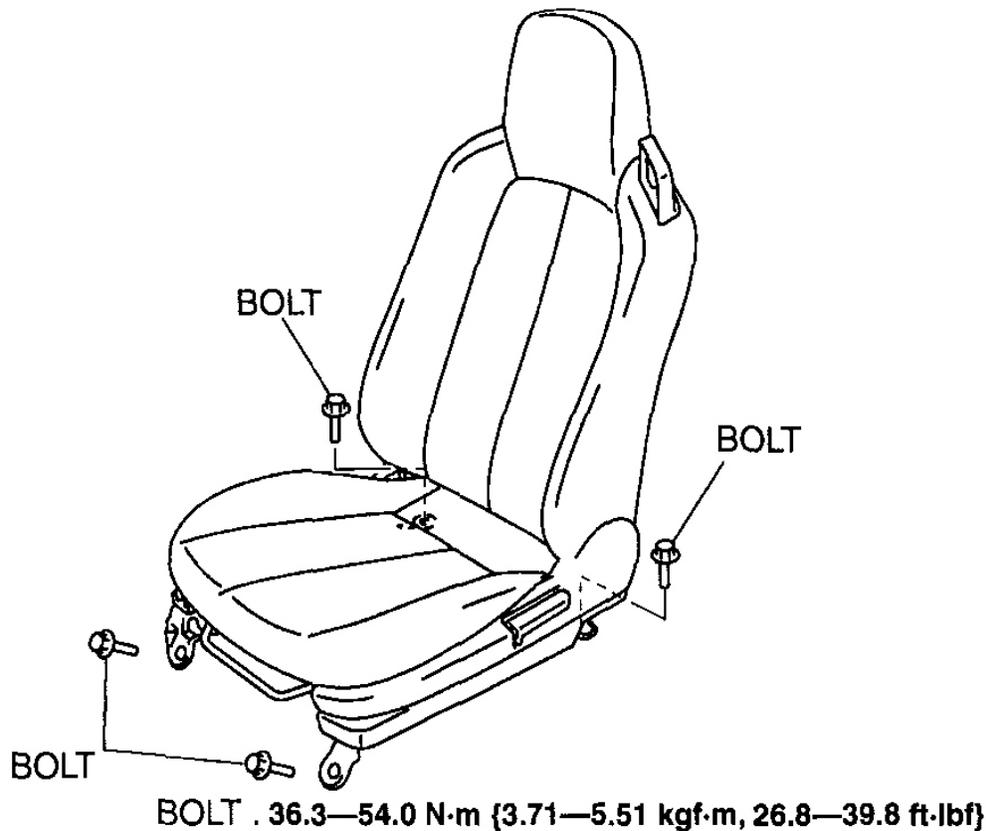


**Fig. 4: Pulling Anchor Cover Outward**  
Courtesy of MAZDA MOTORS CORP.

9. Remove the bolts, then remove the seat.
10. Install in the reverse order of removal.
11. Perform the weight sensor initialization procedure. (See **SEAT WEIGHT SENSOR CALIBRATION** .)

## 2007 Mazda MX-5 Miata Sport

2007 ACCESSORIES & BODY, CAB Seats - MX-5 Miata



E5U913ZW5005

**Fig. 5: Removing Seat Bolts (With Torque Specifications)**  
Courtesy of MAZDA MOTORS CORP.

### SEAT DISASSEMBLY/ASSEMBLY

**WARNING:**

- Handling the seat (side air bag, seat weight sensor) improperly can accidentally deploy the side air bag, which may seriously injure you. Read the service warnings and cautions before handling the seat. (See AIR BAG SYSTEM SERVICE WARNINGS .) (See AIR BAG SYSTEM SERVICE CAUTIONS .)

**CAUTION:**

- If any of the following work is performed, perform the seat weight sensor calibration using the WDS or equivalent. (See SEAT WEIGHT SENSOR CALIBRATION .)
  - Replacement with a new seat weight sensor
  - Replacement with a new seat weight sensor control module

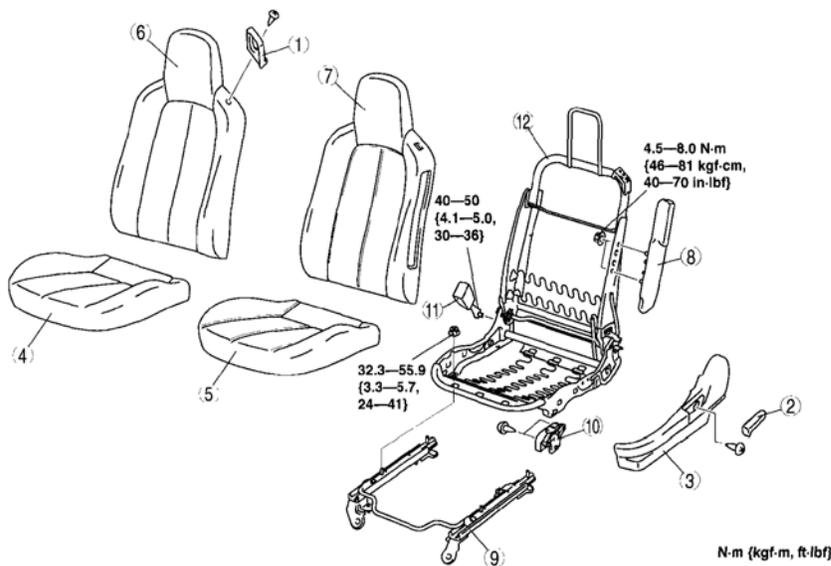
## 2007 Mazda MX-5 Miata Sport

2007 ACCESSORIES & BODY, CAB Seats - MX-5 Miata

- Replacement with new passenger-side seat parts
- Disassembly of the passenger-side seat
- If any of the following work is performed, perform the seat weight sensor inspection using the WDS or equivalent. (See SEAT WEIGHT SENSOR INSPECTION .)
- Removal of the passenger-side seat
- Loosening and retightening of passenger's seat fixing bolts

1. Disassemble in the order indicated in **Fig. 6** .
2. Assemble in the reverse order of disassembly.

### DRIVER'S SEAT



E5U913ZW5006

1	Seat belt guide
2	Recliner lever
3	Side cover
4	Seat cushion trim
5	Seat cushion pad
6	Seat back trim
7	Seat back pad
8	Side air bag module

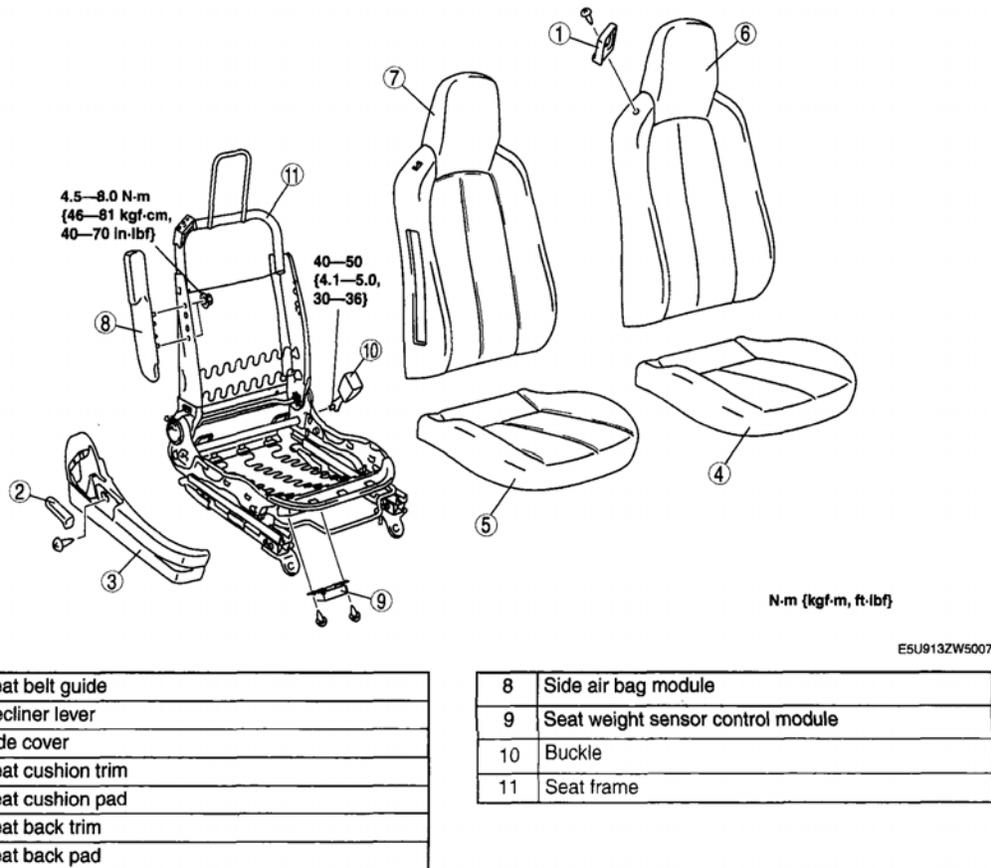
9	Slide adjuster
10	Seat track position sensor
11	Buckle
12	Seat frame

**Fig. 6: Identifying Driver's Seat Components (With Torque Specifications)**  
 Courtesy of MAZDA MOTORS CORP.

### PASSENGER'S SEAT

## 2007 Mazda MX-5 Miata Sport

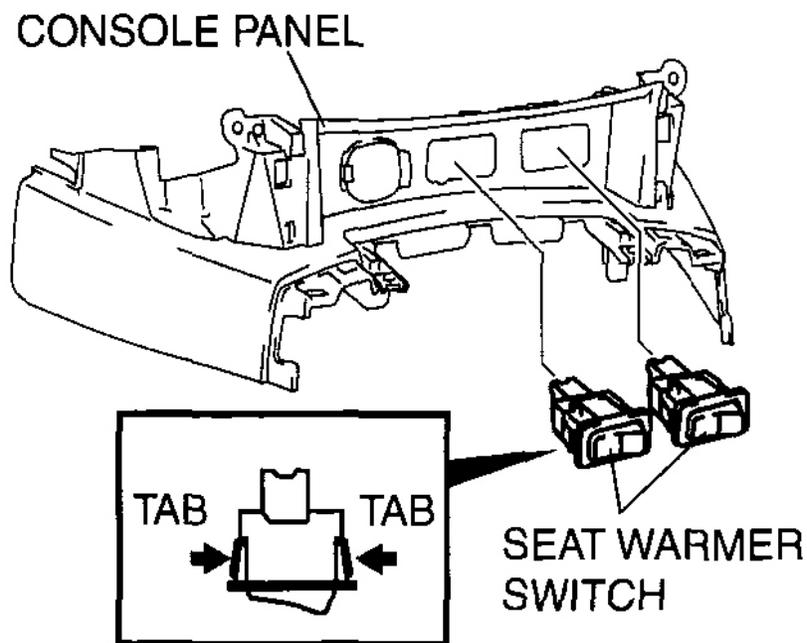
2007 ACCESSORIES & BODY, CAB Seats - MX-5 Miata



**Fig. 7: Identifying Passenger's Seat Components (With Torque Specifications)**  
Courtesy of MAZDA MOTORS CORP.

### SEAT WARMER SWITCH REMOVAL/INSTALLATION

1. Remove the battery cover.
2. Disconnect the negative battery cable. (See **BATTERY REMOVAL/INSTALLATION [LF]** .)
3. Remove the console. (See **CONSOLE REMOVAL/INSTALLATION** .)
4. Remove the side wall. (See **SIDE WALL REMOVAL/INSTALLATION** .)
5. Remove the console panel. (See **CONSOLE PANEL REMOVAL/INSTALLATION** .)
6. Squeeze the tabs of seat warmer switch and pull it outward to remove it.
7. Install in the reverse order of removal.



E5U913ZW5003

**Fig. 8: Squeezing Tabs To Remove Seat Warmer Switch**  
Courtesy of MAZDA MOTORS CORP.

## SEAT WARMER SWITCH INSPECTION

### DRIVER'S SIDE

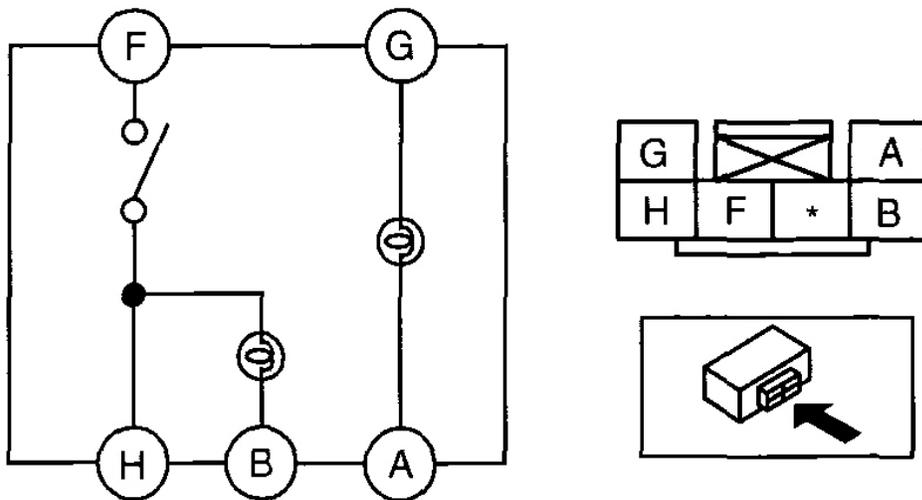
1. Verify that the continuity between the seat warmer switch terminals is as indicated in **Fig. 9**.
  - If not as indicated in **Fig. 9**, replace the seat warmer switch.

○—○ : Continuity    ○⊕○ : Bulb

Switch position	Terminal				
	B	H	F	A	G
ON	○⊕○	○—○	○	○⊕○	○
OFF	○⊕○			○⊕○	○

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**Fig. 9: Drivers Seat Warmer Switch Continuity Table**  
 Courtesy of MAZDA MOTORS CORP.



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**Fig. 10: Identifying Seat Warmer Switch Connector**  
 Courtesy of MAZDA MOTORS CORP.

**PASSENGER'S SIDE**

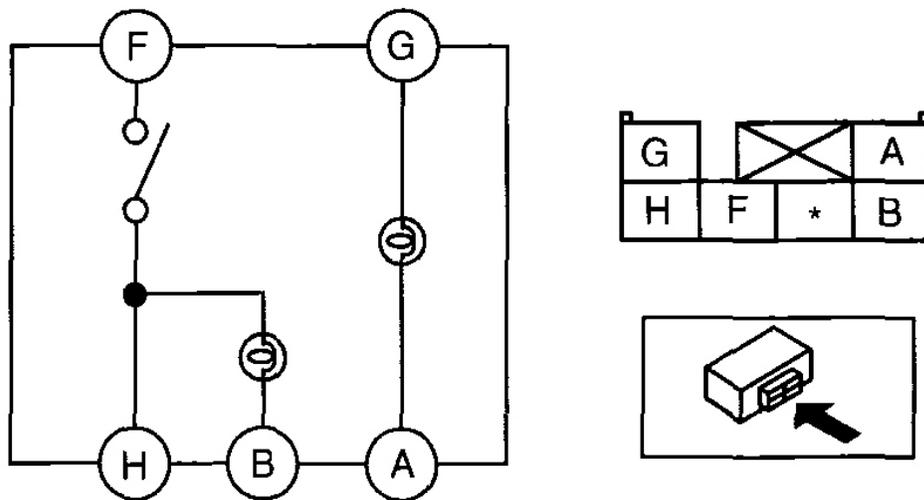
1. Verify that the continuity between the seat warmer switch terminals is as indicated in **Fig. 11** .
  - If not as indicated in **Fig. 11** , replace the seat warmer switch.

○—○ : Continuity    ○⊕○ : Bulb

Switch position	Terminal				
	B	H	F	A	G
ON	○⊕○	○—○	○	○⊕○	○
OFF	○⊕○			○⊕○	○

A6E7752W024

**Fig. 11: Passengers Seat Warmer Switch Continuity Table**  
 Courtesy of MAZDA MOTORS CORP.



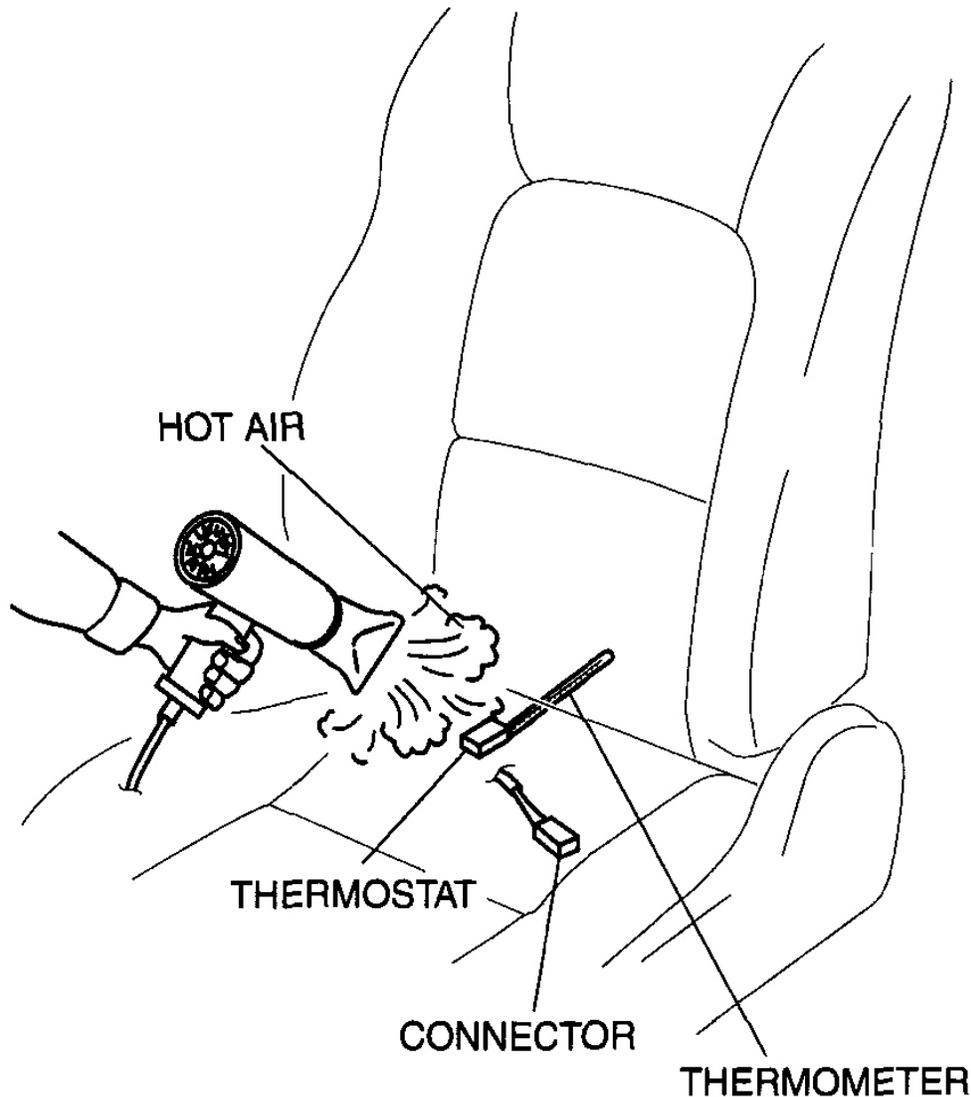
A6E7752W026

**Fig. 12: Identifying Seat Warmer Switch Connector (Passenger's Side)**  
 Courtesy of MAZDA MOTORS CORP.

## SEAT WARMER UNIT INSPECTION

1. Remove the seat. (See SEAT REMOVAL/INSTALLATION .)
2. Remove the seat cushion trim. (See SEAT DISASSEMBLY/ASSEMBLY .)

3. While inspecting for continuity between the terminals A and B of the connector, use a dryer to warm the thermostat of the seat warmer unit on seat cushion.



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**Fig. 13: Applying Hot Air To Thermostat Of Seat Warmer Unit On Seat Cushion**  
Courtesy of MAZDA MOTORS CORP.

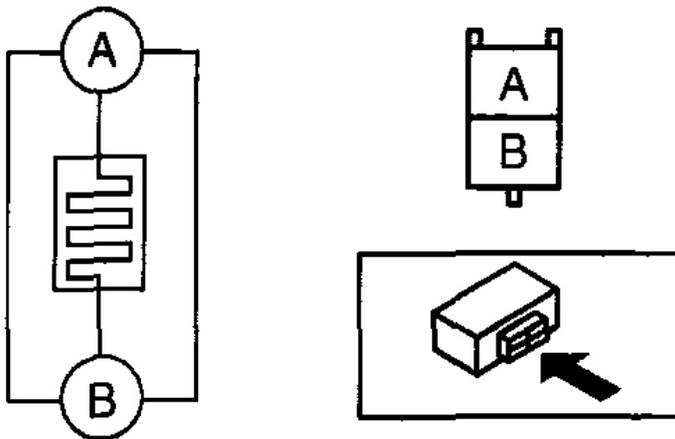
4. Verify that the continuity between the seat warmer terminals is as indicated in **Fig. 14**.
  - If not as indicated in **Fig. 14**, replace the seat warmer unit.

○—○ : Continuity

Thermostat temperature	Terminal	
	A	B
More than approx. 37—43 °C {99—109 °F}		
Less than approx. 27—33 °C {81—91 °F}	○—	—○

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**Fig. 14: Seat Warmer Unit Continuity Table**  
 Courtesy of MAZDA MOTORS CORP.



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**Fig. 15: Identifying Seat Warmer Connector**  
 Courtesy of MAZDA MOTORS CORP.