

SEAT WARMER UNIT INSPECTION

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Warning

- Handling a side air bag improperly can accidentally operate (deploy) the air bag, which may seriously injure you. Read the service warnings in the Workshop Manual before handling the front seat (side air bag integrated). (See AIR BAG SYSTEM SERVICE WARNINGS.) (See AIR BAG SYSTEM SERVICE CAUTIONS.)
- If the sliding mechanisms on both sides are not locked after assembling the front seat, the front seat will operate accidentally while the vehicle is driven, which could result in serious injury. After assembling the front seat, shake it up and down and verify that the sliding mechanism on the both sides are locked.

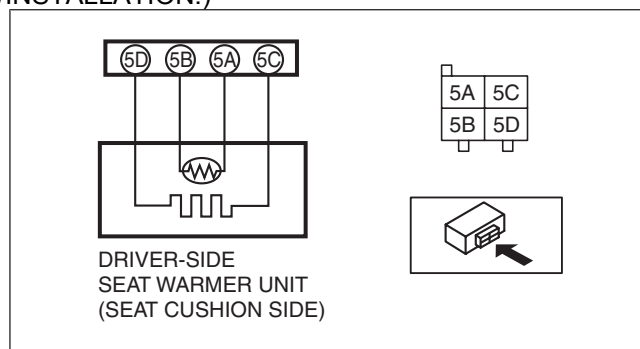
Caution

- If the slide lever is operated after the front seat is removed, the left/right slide positions will deviate and the adjuster unit could be damaged after the front seat is installed. After removing a front seat, do not operate the slide lever.
- Verify that there are no malfunctions in the forward/back slide of the seat and in the adjuster unit after installing a front seat.
- When performing the procedure with a front seat removed from the vehicle, perform the procedure on a clean cloth so as not to damage or soil the seat.

Driver-Side

Seat cushion side

1. Switch the ignition to off.
2. Disconnect the negative battery cable and wait for **1 min or more**. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
3. Remove the front seat. (See FRONT SEAT REMOVAL/INSTALLATION.)
4. Inspect for continuity between the seat warmer unit connector terminal 5C—5D.



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- If not as specified, replace the front seat cushion pad. (See FRONT SEAT CUSHION TRIM REMOVAL/INSTALLATION.)

○—○:CONTINUITY		
STATUS	TERMINAL	
	5C	5D
UNDER ANY CONDITION	○—○	○—○

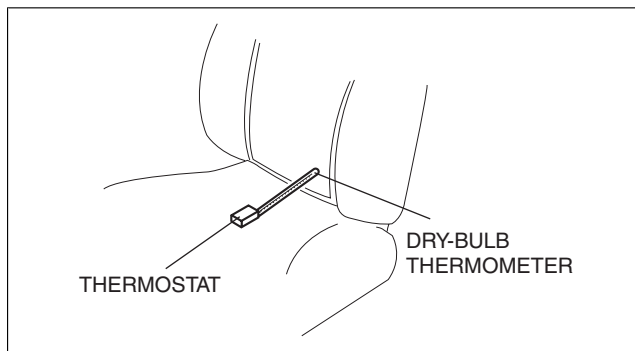
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- Measure the temperature around the thermostat.

Note

- To make the temperature around the thermostat at the normal temperature, the seat warmer is left for 30 minutes or more while turned off.

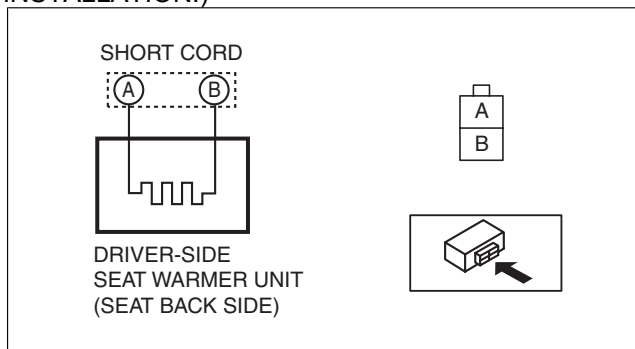
- Measure the resistance between the seat warmer unit connector terminal 5A—5B, records with the surrounding temperature of the thermostat measured beforehand.
- Connect the negative battery cable.
- Connect the seat warmer unit connector.
- Switch the seat warmer switch to Lo position, and warm the seat warmer.
- Measure the resistance between the seat warmer unit connector terminal 5A—5B, and record it.
- Switch the seat warmer switch to High position, and warm the seat warmer.
- Measure the resistance between the seat warmer unit connector terminal 5A—5B, it is confirmed that there is a change from the resistance recorded beforehand.
 - If the change in resistance cannot be confirmed, replace the front seat cushion pad. (See FRONT SEAT CUSHION TRIM REMOVAL/INSTALLATION.)



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Seat back side

- Switch the ignition to off.
- Disconnect the negative battery cable and wait for **1 min or more**. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
- Remove the front seat. (See FRONT SEAT REMOVAL/INSTALLATION.)
- Inspect for continuity between the seat warmer unit connector (short code) terminal A—B.



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- If not as specified, replace the front seat back pad. (See FRONT SEAT BACK TRIM REMOVAL/INSTALLATION.)

○—○: CONTINUITY		
STATUS	TERMINAL	
	A	B
UNDER ANY CONDITION	○—○	○—○

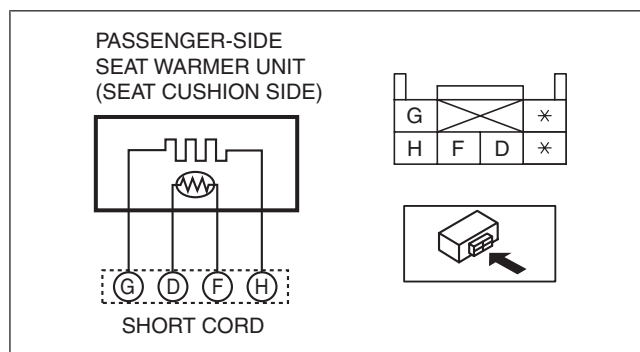
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Passenger-Side

Seat cushion side

- Switch the ignition to off.
- Disconnect the negative battery cable and wait for **1 min or more**. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
- Remove the front seat. (See FRONT SEAT REMOVAL/INSTALLATION.)

4. Inspect for continuity between the seat warmer unit connector (short code) terminal G—H.



- If not as specified, replace the front seat cushion pad. (See FRONT SEAT CUSHION TRIM REMOVAL/INSTALLATION.)

○—○:CONTINUITY		
STATUS	TERMINAL	
	G	H
UNDER ANY CONDITION	○—○	○—○

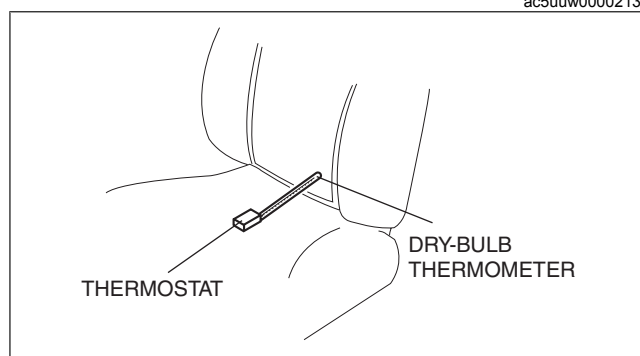
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5. Measure the temperature around the thermostat.

Note

- To make the temperature around the thermostat at the normal temperature, the seat warmer is left for 30 minutes or more while turned off.

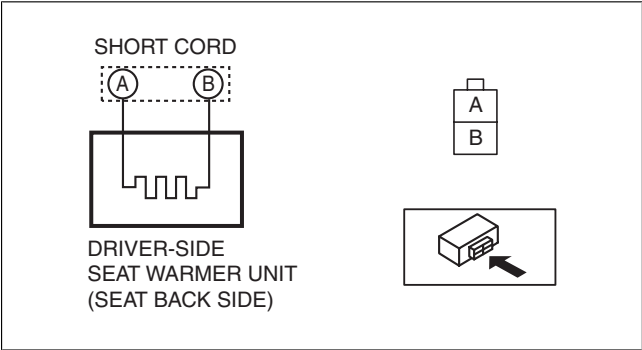
6. Measure the resistance between the seat warmer unit connector terminal D—F, records with the surrounding temperature of the thermostat measured beforehand.
7. Connect the negative battery cable.
8. Connect the seat warmer unit connector.
9. Switch the seat warmer switch to Lo position, and warm the seat warmer.
10. Measure the resistance between the seat warmer unit connector terminal D—F, and record it.
11. Switch the seat warmer switch to High position, and warm the seat warmer.
12. Measure the resistance between the seat warmer unit connector terminal D—F, it is confirmed that there is a change from the resistance recorded beforehand.
 - If the change in resistance cannot be confirmed, replace the front seat cushion pad. (See FRONT SEAT CUSHION TRIM REMOVAL/INSTALLATION.)



Seat back side

1. Switch the ignition to off.
2. Disconnect the negative battery cable and wait for **1 min or more**. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
3. Remove the front seat. (See FRONT SEAT REMOVAL/INSTALLATION.)

4. Inspect for continuity between the seat warmer unit connector (short code) terminal A—B.



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- If not as specified, replace the front seat back pad. (See FRONT SEAT BACK TRIM REMOVAL/INSTALLATION.)

○—○:CONTINUITY		
STATUS	TERMINAL	
	A	B
UNDER ANY CONDITION	○—○	○—○

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