

## Heated Seat Inoperative

Step	Action	Yes	No
<i>Schematic Reference:</i> <a href="#">Driver Seat Schematics</a> and <a href="#">Passenger Seat Schematics</a>			
<i>Connector End View Reference:</i> <a href="#">Power Seat Connector End Views</a>			
1	Did you perform the Power Seat Diagnostic System Check?	Go to <a href="#">Step 2</a>	Go to <a href="#">Diagnostic System Check - Power Seat Systems</a>
2	Operate the heated seat system. Does the system operate normally?	Go to <a href="#">Testing for Intermittent Conditions and Poor Connections</a> in Wiring Systems	Go to <a href="#">Step 3</a>
3	<ol style="list-style-type: none"> <li>1. Install a scan tool.</li> <li>2. Start the engine.</li> <li>3. Display the Heated Seat Status and Zone parameters in the driver seat module Input/Output data list.</li> <li>4. Operate the heated seat switch in all modes.</li> </ol> Does the scan tool display the correct heated seat parameters in relation to heated seat switch operation?	Go to <a href="#">Step 8</a>	Go to <a href="#">Step 4</a>
4	<ol style="list-style-type: none"> <li>1. Display the heated seat switch parameters in the door module Inputs data list.</li> <li>2. Press the head seat switches while observing the scan tool parameters.</li> </ol> Does the scan tool display the heated seat switches as active while the switches are pressed?	Go to <a href="#">Step 5</a>	Go to <a href="#">Step 6</a>
5	Do the heated seat switch indicators operate normally?	Go to <a href="#">Step 13</a>	Go to <a href="#">Step 12</a>
6	<ol style="list-style-type: none"> <li>1. Disconnect the heated seat switch harness connector to the door module.</li> <li>2. Test the resistance through the heated seat switch from the voltage supply circuit terminal to the back only select switch signal circuit terminal while operating the heat level switch.</li> </ol> Does the back only select switch have continuity only when pressed?	Go to <a href="#">Step 7</a>	Go to <a href="#">Step 10</a>
	Test the resistance through the heated seat		

7	<p>switch from the voltage supply circuit terminal to the back/cushion select switch signal circuit terminal while operating the back/cushion select switch.</p> <p>Does the back/cushion select switch have continuity only when pressed?</p>	Go to <a href="#">Step 12</a>	Go to <a href="#">Step 10</a>
8	<ol style="list-style-type: none"> <li>1. Disconnect the inoperative seat heater element connector.</li> <li>2. Connect a test lamp from the voltage supply circuit terminal to the control circuit terminal in the harness connector.</li> <li>3. Operate the seat back and cushion switch to the high mode.</li> </ol> <p>Does the test lamp illuminate?</p>	Go to <a href="#">Step 11</a>	Go to <a href="#">Step 9</a>
9	<p>Test the seat heater element voltage supply and ground circuits in the seat harness for an open or short to ground. Refer to <a href="#">Circuit Testing</a> and to <a href="#">Wiring Repairs</a> in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to <a href="#">Step 18</a>	Go to <a href="#">Step 13</a>
10	<p>Inspect for poor connections at the heated seat switch harness connector to the door module. Refer to <a href="#">Testing for Intermittent Conditions and Poor Connections</a> and to <a href="#">Connector Repairs</a> in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to <a href="#">Step 18</a>	Go to <a href="#">Step 14</a>
11	<p>Inspect for poor connections at the heated seat element connector. Refer to <a href="#">Testing for Intermittent Conditions and Poor Connections</a> and to <a href="#">Connector Repairs</a> in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to <a href="#">Step 18</a>	Go to <a href="#">Step 15</a>
12	<p>Inspect for poor connections at the door module. Refer to <a href="#">Testing for Intermittent Conditions and Poor Connections</a> and to <a href="#">Connector Repairs</a> in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to <a href="#">Step 18</a>	Go to <a href="#">Step 16</a>
13	<p>Inspect for poor connections at the driver seat module. Refer to <a href="#">Testing for Intermittent Conditions and Poor Connections</a> and to <a href="#">Connector Repairs</a> in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to <a href="#">Step 18</a>	Go to <a href="#">Step 17</a>
14	<p>Replace the heated seat switch. Refer to <a href="#">Front Seat Heater Switch Replacement</a> .</p>		

	Is the repair complete?	Go to <a href="#">Step 18</a>	--
15	Replace the inoperative heated seat element. Refer to <a href="#">Driver Seat and Passenger Seat Back Cushion Heater Replacement</a> or to <a href="#">Driver Seat and Passenger Seat Cushion Heater Replacement</a> .  Is the repair complete?	Go to <a href="#">Step 18</a>	--
16	Replace the door module. Refer to <a href="#">Door Lock and Side Window Switch Replacement - Driver Side</a> or <a href="#">Door Lock and Side Window Switch Replacement - Passenger Side</a> in Doors.  Is the repair complete?	Go to <a href="#">Step 18</a>	--
17	Replace the driver seat module. Refer to <a href="#">Memory Seat Control Module Replacement</a> .  Is the repair complete?	Go to <a href="#">Step 18</a>	--
18	Operate the system in order to verify the repair.  Did you correct the condition?	System OK	Go to <a href="#">Step 3</a>