

**DIAGNOSIS AND TESTING (Continued)**

**BLEND DOOR ACTUATOR DIAGNOSIS (Continued)**

TEST STEP	RESULT	ACTION TO TAKE																											
<p><b>4</b></p> <ul style="list-style-type: none"> <li>● Disconnect both connectors from EATC control assembly. Measure resistance as shown below at the control assembly connector with the connector disconnected.</li> <li>● All pins are located on the RIGHT connector (E6DB-14489-UA).</li> <li>● Pin 15 (LG/O, 243) to Pin 6 (O/BK, 776) 5000-7000 ohms</li> <li>● Pin 5 (O/W, 351) to Pin 6 (O/BK, 776) 300-7300 ohms</li> <li>● Pin 5 (O/W, 351) to Pin 15 (LG/O, 243) 300-7300 ohms</li> <li>● Are all resistances OK?</li> </ul>	<p>Yes</p> <p>No</p>	<p>▶ GO to 5.</p> <p>▶ GO to 6.</p>																											
<p><b>5</b></p> <ul style="list-style-type: none"> <li>● Change control assembly and test according to EATC functional test.</li> <li>● Is test successful?</li> </ul>	<p>Yes</p> <p>No</p>	<p>▶ Done</p> <p>▶ GO to 1.</p>																											
<p><b>6</b></p> <ul style="list-style-type: none"> <li>● Check vehicle wiring harness and connector continuity as shown below. Disconnect connectors from both control assembly and blend door actuator. Blend door actuator connector is accessible through glove compartment.</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Control Assembly Connector</th> <th style="width: 33%;"></th> <th style="width: 33%;">Blend Door Actuator Connector</th> </tr> </thead> <tbody> <tr> <td colspan="3"><b>RH Side</b></td> </tr> <tr> <td>Pin 5 (O/W, 351)</td> <td>to</td> <td>Pin 7 (O/W)</td> </tr> <tr> <td>Pin 6 (O/BK, 776)</td> <td>to</td> <td>Pin 8 (O/BK)</td> </tr> <tr> <td>Pin 15 (LG/O, 243)</td> <td>to</td> <td>Pin 6 (LG/O)</td> </tr> <tr> <td colspan="3"><b>LH Side</b></td> </tr> <tr> <td>Pin 21 (O/W, 351)</td> <td>to</td> <td>Pin 1 (O)</td> </tr> <tr> <td>Pin 22 (DB/LG, 249)</td> <td>to</td> <td>Pin 2 (DB/LG)</td> </tr> <tr> <td>Pin 24 (BK, 57)</td> <td>to</td> <td>Pin 3 (BK)</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>● Reconnect all three connectors at end of this test.</li> <li>● Is there continuity?</li> </ul>	Control Assembly Connector		Blend Door Actuator Connector	<b>RH Side</b>			Pin 5 (O/W, 351)	to	Pin 7 (O/W)	Pin 6 (O/BK, 776)	to	Pin 8 (O/BK)	Pin 15 (LG/O, 243)	to	Pin 6 (LG/O)	<b>LH Side</b>			Pin 21 (O/W, 351)	to	Pin 1 (O)	Pin 22 (DB/LG, 249)	to	Pin 2 (DB/LG)	Pin 24 (BK, 57)	to	Pin 3 (BK)	<p>No</p> <p>Yes</p>	<p>▶ GO to 8.</p> <p>▶ GO to 7.</p>
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<p><b>7</b></p> <ul style="list-style-type: none"> <li>● Change blend door actuator and test according to EATC functional test.</li> <li>● Is test successful?</li> </ul>	<p>Yes</p> <p>No</p>	<p>▶ Done.</p> <p>▶ GO to 1.</p>																											
<p><b>8</b></p> <ul style="list-style-type: none"> <li>● Service/replace wiring harness, connect and test according to EATC functional test.</li> <li>● Is test successful?</li> </ul>	<p>Yes</p> <p>No</p>	<p>▶ Done.</p> <p>▶ GO to 1.</p>																											

TL5669D

**Manual A/C Heater Blend Door Actuator and Temperature Adjustment Potentiometer Diagnosis**

Taurus/Sable vehicles with manual A/C heater systems have an electric temperature blend door actuator and temperature adjustment potentiometer.