

**DIAGNOSIS AND TESTING (Continued)**

**EATC SYSTEM FUNCTIONAL TEST (Continued)**

TEST STEP	RESULT	ACTION TO TAKE
<b>10</b> <ul style="list-style-type: none"> <li>● Press the VENT button.</li> <li>● Verify that the VENT display is lit.</li> <li>● Verify that the clutch is off.</li> <li>● <b>Are these conditions met?</b></li> </ul>	Yes No	GO to 11. REFER to Clutch Does Not Disengage When In OFF Diagnosis.
<b>11</b> <ul style="list-style-type: none"> <li>● Press the MAX A/C button again.</li> <li>● Verify that the MAX A/C display is lit and that the clutch is on.</li> <li>● <b>Are these conditions met?</b></li> </ul>	Yes No	GO to 12. REFER to No Clutch Operation Diagnosis.
<b>12</b> <ul style="list-style-type: none"> <li>● Press the AUTOMATIC button.</li> </ul>	Verify that the AUTO or function and fan VFDs are lit.	REFER to Diagnosis When Self-Test And Functional Test Indicate No Errors Found.

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**Diagnosis When EATC Self Diagnostics Test Indicates No Errors Found**

Refer to the chart below for symptoms, their possible causes and the test or service procedures required.

**DIAGNOSIS WHEN SELF-TEST INDICATES NO ERRORS FOUND**

CONDITION	POSSIBLE SOURCE	ACTION
<ul style="list-style-type: none"> <li>● Cool Discharge Air When System is Set to AUTOMATIC and 90°F</li> </ul>	<ul style="list-style-type: none"> <li>● Heater system malfunction.</li> <li>● Blend door not in max. heat.</li> </ul>	<ul style="list-style-type: none"> <li>● Check coolant level.</li> <li>● Refer to heater system operating principles in appropriate Section (check engine thermostat).</li> <li>● Check position of blend door.</li> <li>● Check blend door shaft attachment.</li> <li>● Test per Blend Door Actuator Diagnosis (assume 2 was displayed in the Self-Test).</li> </ul>
<ul style="list-style-type: none"> <li>● Warm Discharge Air in Auto / 60°F</li> </ul>	<ul style="list-style-type: none"> <li>● Clutch circuit malfunction.</li> <li>● Check refrigerant.</li> <li>● Blend door not in MAX. A/C position.</li> <li>● Outside / Recirc door not in recirc.</li> </ul>	<ul style="list-style-type: none"> <li>● Test clutch circuit per "No Clutch Operation" Diagnosis.</li> <li>● Check Refrigerant System Pressures.</li> <li>● Check position of blend door.</li> <li>● Check blend door shaft attachment.</li> <li>● Test per "Blend Door Actuator" Diagnosis (assume 2 was displayed in the Self-Test).</li> <li>● Test per "Vacuum Leak" Diagnosis.</li> </ul>
<ul style="list-style-type: none"> <li>● Cool Air in 85°F Max. Heat in 90°F</li> </ul>	<ul style="list-style-type: none"> <li>● Sensor shorted.</li> </ul>	<ul style="list-style-type: none"> <li>● TROUBLESHOOT according to Sensor Diagnosis.</li> </ul>
<ul style="list-style-type: none"> <li>● Heat in 65°F Max. Cool in 60°F</li> </ul>	<ul style="list-style-type: none"> <li>● Sensor open.</li> </ul>	<ul style="list-style-type: none"> <li>● TROUBLESHOOT according to Sensor Diagnosis.</li> </ul>