

DIAGNOSIS AND TESTING (Continued)

EATC System Functional Test

- The EATC system functional test is designed to catch those system failures that the Self Test is unable to test.

- Ensure the engine is cold.
- The in-vehicle temperature should be greater than 10°C (50°F) for proper evaluation of system response.
- Refer to the following charts for testing instructions.

EATC SYSTEM FUNCTIONAL TEST

TEST STEP	RESULT	ACTION TO TAKE
1 <ul style="list-style-type: none"> ● Turn ignition switch to the RUN position. ● Press the AUTOMATIC button. ● Set control at 90°F setting. ● Does control display 90°F Auto? 	Yes No	GO to 2. REFER to Diagnosis When Self-Test And Functional Test Indicate No Errors Found.
2 <ul style="list-style-type: none"> ● Verify that the blower does not come on. (Engine coolant temp. is less than 120°F). ● Does blower operate? 	Yes No	REFER to CELO Inoperative. GO to 3.
3 <ul style="list-style-type: none"> ● Ensure that engine is warm (coolant temp. is greater than 120°F). ● Set control at 75 setting. ● Does blower operate? 	Yes No	GO to 4. REFER to Blower Speed Controller Diagnosis-No Blower.
4 <ul style="list-style-type: none"> ● Rotate blower thumbwheel fully down. ● Does blower go to low blower speed? 	Yes No	GO to 5. REFER to Blower Speed Controller Diagnosis.
5 <ul style="list-style-type: none"> ● Rotate blower thumbwheel fully up. ● Does blower go to high blower speed? 	Yes No	GO to 6. REFER to Blower Speed Controller Diagnosis.
6 <ul style="list-style-type: none"> ● Press the DEFROST button. ● Verify that air is discharged from defroster nozzle with small bleed through the side window demisters. ● Verify that the outside recirc door is in the outside air position. ● Are these conditions met? 	Yes No	GO to 7. REFER to Vacuum System Diagnosis.
7 <ul style="list-style-type: none"> ● Press the FLOOR button. ● Verify that the air is discharged through the floor ducts. ● Is this condition met? 	Yes No	GO to 8. REFER to Vacuum System Diagnosis.
8 <ul style="list-style-type: none"> ● Press the VENT button. ● Verify that the air is discharged through the panel registers. ● Is this condition met? 	Yes No	GO to 9. REFER to Vacuum System Diagnosis.
9 <ul style="list-style-type: none"> ● Make sure that the ambient temperature is greater than 40°F. ● Press the MAX A/C button. ● Verify that the outside recirc door is in the recirc position. ● Is this condition met? 	Yes No	GO to 10. REFER to Vacuum System Diagnosis.