1. Start the engine, turn the air conditioning to maximum cooling, open the doors and

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

Meets ASE Task: A7 – A-7 – P-1

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Performance Test Heating and AC System**

windows, and increase engine speed to about 1500-2000 RPM.

**NOTE:** This test procedure is best performed when the temperature is above 70° F (21° C).

2. Turn the blower motor to high speed.

3. Measure the temperature of the air at the air-conditioning vent in the center of the dash.

Temperature = \_\_\_\_\_\_ [should be 35° - 45° F (2° - 7° C)]

**OK\_\_\_\_\_ NOT OK\_\_\_\_\_**

4. Stop the engine and visually inspect the condition of the air-conditioning compressor

drive belt (accessory drive belt).

**OK\_\_\_\_\_ NOT OK\_\_\_\_\_**

5. Visually check for any signs of leaking refrigerant oil that could indicate a refrigerant leak.

**OK\_\_\_\_\_ NOT OK\_\_\_\_\_**

6. Based on the results of the performance test, what actions should be taken? (describe):

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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