

Performance Test Heating and AC System

Meets ASE Task: A7 – A-7 – P-1

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

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

- ☐ 1. Start the engine, turn the air conditioning to maximum cooling, open the doors and 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):
