



# AC System Performance Check

Meets NATEF Task: (A7-A-5) Perform test of air conditioning system. (P-1)

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Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

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

\_\_\_\_\_ 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.

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