

Identify Heating and A/C Concerns

Meets ASE Task: (A7-A-1) P-1, (A7-C-3) P-2, (A7-D-7) P-2 Identify and interpret heating and A/C concerns; determine needed action.

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check the front of the radiator and air-conditioning condenser for debris that could limit airflow. Clean as required.

OK _____ NOT OK _____

_____ 2. Perform a thorough visual inspection of the cooling system. Look for hoses that may be leaking, cut, or swollen.

OK _____ NOT OK _____

_____ 3. Start the engine and operate the heater and air-conditioning controls for proper operation including:

defroster (airflow to windshield) OK _____ NOT OK _____

heater (airflow to floor) OK _____ NOT OK _____

A/C (airflow to vents) OK _____ NOT OK _____

blower motor on all speeds OK _____ NOT OK _____

_____ 4. Using an infrared pyrometer, measure the temperature of the upper radiator hose.

Temperature = _____ (should be close to the same temperature as the thermostat rating)

OK _____ NOT OK _____

_____ 5. Based on the tests, what is the needed action: _____