

# Air Conditioning Control System Diagnosis

Meets NATEF Task: (A7-D-3) Diagnose faults in the A/C, HVAC system; determine necessary action. (P-2)

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

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

\_\_\_\_\_ 1. Check service information and describe the tests specified to diagnosis faults in the vacuum, mechanical, and electrical controls of the heating, ventilation, and air conditioning system (describe the tests). \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



\_\_\_\_\_ 2.  
 What test equipment was specified to be used in the diagnosis of faults in the vacuum, mechanical, and electrical HVAC system? Check all that apply.

- \_\_\_\_\_ a. Hand-operated vacuum pump
- \_\_\_\_\_ b. DMM
- \_\_\_\_\_ c. Scan tool
- \_\_\_\_\_ d. Other (describe) \_\_\_\_\_

\_\_\_\_\_ 3. After diagnosing the HVAC system, what is the necessary action? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_