

HVAC: Vehicle, Customer, and Service Information

Student/intern information:

Name _____ Date _____ Class _____

Vehicle used for this activity:

Year _____ Make _____ Model _____

Odometer _____ VIN _____

Learning Objective/Task	CDX Tasksheet Number	2013 MLR NATEF Reference Number; Priority Level	2013 AST NATEF Reference Number; Priority Level	2013 MAST NATEF Reference Number; Priority Level
• Research applicable vehicle and service information, vehicle service history, service precautions, and technical service bulletins.	C342	7A1; P-1	7A2; P-1	7A2; P-1
• Identify and interpret heating and air conditioning problems; determine necessary action.	C341		7A1; P-1	7A1; P-1
• Identify hybrid vehicle A/C system electrical circuits and the service/safety precautions.	C827	7B2; P-2	7B4; P-2	7B4; P-2
• Demonstrate use of the 3 Cs (concern, cause, and correction).	N/A	N/A	N/A	N/A

Time off _____

Time on _____

Total time _____

Materials Required

- Blank work order
- Vehicle with available service history records
- Thermometer or temperature gun
- DVOM
- Depending on the type of concern, special diagnostic tools may be required. See your supervisor/instructor for instructions to identify what tools may be required.

Some Safety Issues to Consider

- Diagnosis of this fault may require test-driving the vehicle on the school grounds. Attempt this task only with full permission from your instructor and follow all the guidelines exactly.
- When running any vehicles in the shop, make sure you use the shop's exhaust ventilation system to discharge all exhaust gas safely outside.
- Extreme caution must be exercised when working around rotating components.
- Refrigerant can cause serious damage if it comes in contact with a person's unprotected skin and eyes.
- When operating, the air conditioning system is normally subject to very high pressure in the system. Extreme caution must be exercised when working on an operating system.
- Comply with personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals/materials in accordance with local, state, and federal safety and environmental regulations.

Performance Standard

0–No exposure: No information or practice provided during the program; complete training required

1–Exposure only: General information provided with no practice time; close supervision needed; additional training required

2–Limited practice: Has practiced job during training program; additional training required to develop skill

3–Moderately skilled: Has performed job independently during training program; limited additional training may be required

4–Skilled: Can perform job independently with no additional training