

**► TASK** Identify refrigerant type; select and connect proper gauge set/ test equipment; record temperature and pressure readings.

**MAST**  
7A5

Time off \_\_\_\_\_

Time on \_\_\_\_\_

Total time \_\_\_\_\_

**CDX Tasksheet Number: C650**

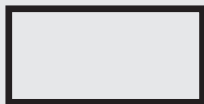
1. Research the description, operation, and testing procedure for the A/C system in the appropriate service information.
  - a. Specified refrigerant type: \_\_\_\_\_
  - b. Specified testing RPM (engine): \_\_\_\_\_
  - c. Does this vehicle require auxiliary condenser airflow for testing?  
Yes: \_\_\_\_\_ No: \_\_\_\_\_
  - d. Specified high side-pressure range: \_\_\_\_\_ psi/kPa
  - e. Specified low side-pressure range: \_\_\_\_\_ psi/kPa
  - f. Specified air duct temperature range: \_\_\_\_\_ °F/°C
2. Following the specified procedure, identify the refrigerant type: \_\_\_\_\_
3. Obtain the proper gauge set/test equipment and connect it to the A/C system service ports.
4. Following the specified procedure, record the operating temperature and pressure readings below.

**NOTE** Use an auxiliary fan for additional condenser airflow if conditions warrant.

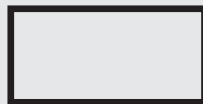
- a. Engine tested at: \_\_\_\_\_ rpm
  - b. High side-pressure range: \_\_\_\_\_ psi/kPa
  - c. Low side-pressure range: \_\_\_\_\_ psi/kPa
  - d. Ambient air temperature: \_\_\_\_\_ °F/°C
  - e. A/C duct air temperature: \_\_\_\_\_ °F/°C
  - f. Difference between ambient temp and A/C duct temp: \_\_\_\_\_ °F/°C
5. Does the A/C system perform according to specifications?  
Yes: \_\_\_\_\_ No: \_\_\_\_\_
6. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

**Performance Rating**

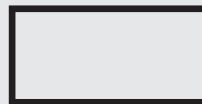
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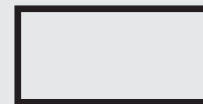
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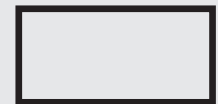
**1**



**2**



**3**



**4**

Supervisor/instructor signature \_\_\_\_\_ Date \_\_\_\_\_