A/C Component Identification

Meets ASE Task: (A7-A-2) P-1 Identify heating, ventilation, and air conditioning (HVAC) components and configurations.

Name:_____ Date:_____ Time on Task:_____

Make/Model/Year:_____ VIN:_____

Evaluation (Enter number from 4, 3, 2, 1) :_____

☐ **1.** Locate the air-conditioning system label. Describe the location.

_____

☐ **2.** According to the label, what type of refrigerant is used in the vehicle?

- ☐ HFC-134a (R-134a or SUVA®)
- ☐ CFC-12 (R-12 or Freon®)
- ☐ R1234yf

☐ **3.** According to the label, what is the capacity of the system? ____ ounces

☐ **4.** Describe the location of the **compressor** _____

_____

☐ **5.** Describe the location of the **condenser** _____

_____

☐ **6.** Describe the location of the **evaporator** _____

_____

☐ **7.** Describe the location of the **accumulator** or **receiver-drier** _____

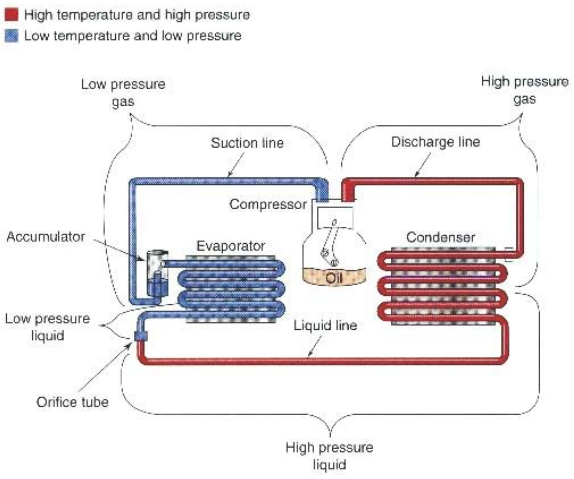
_____

☐ **8.** Does the system use an expansion valve?

☐ Yes ☐ No

☐ **9.** Does the system use an orifice tube?

☐ Yes ☐ No



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