

**Job Sheet 10-2**

Name \_\_\_\_\_ Date \_\_\_\_\_

**Routine Maintenance: Air Conditioning System**

Upon completion of this job sheet, you should be able to inspect and test the operation of the air conditioning system.

**Tools and Materials**

- Safety glasses
- Service manual
- Vehicle

**Describe the vehicle being worked on:**

Year \_\_\_\_\_ Make \_\_\_\_\_ Model \_\_\_\_\_

**PROCEDURE**

For each step, the student will check off a "task completed" box.

	Completed
Check belt tension; press down firmly on the belt.	_____
If it is loose, tighten it.	_____
If there is cracking or glazing, replace the belt.	_____
Inspect hoses; they should be hard and solid.	_____
Check hoses for cracks and hose connections.	_____
Check for oil spots on hoses and connections.	_____
If you find a leak, have the hose replaced by a professional technician.	_____
With the hood open, have someone start the car and switch the air conditioning controls on and off a few times.	_____
Watch the magnetic clutch at the front of the compressor to see if the clutch mechanism is operating.	_____
Gently brush any debris from the condenser fins.	_____

Instructor's Response: