**Meets ASE Task:** (A8-E-5) P-3 Inspect and test electrical/electronically operated components and circuits of secondary air injection systems; determine needed action.

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

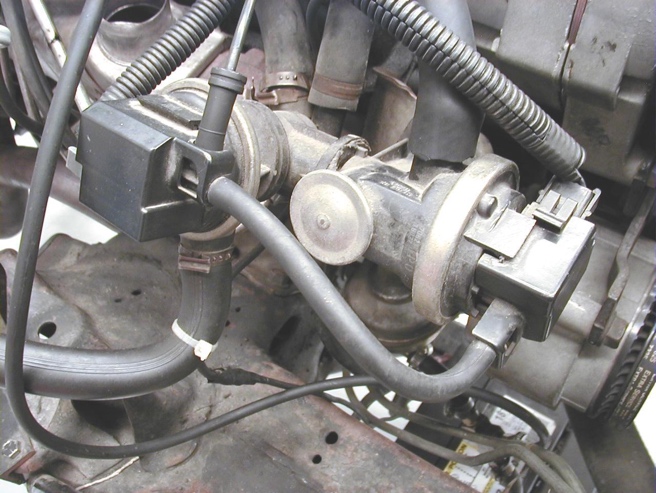
**AIR Pump Component Inspection**

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**1.** Check service information for the recommended procedures to follow when inspecting

and testing the AIR pump components.

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**2.** Carefully inspect the condition

of all the hoses, check the valves

and the metal lines for corrosion or

damage.

**3.** Start the engine and feel the air pump

lines to confirm the proper air flow.

**NOTE:** A defective one-way check valve at the exhaust manifold can allow hot exhaust gases to flow past the check valve and cause damage to the switching valves, hoses or air pump itself. These exhaust gases can cause poor engine operation and stalling if drawn into the air intake system.

**4.** Inspect the air pump drive belt for cracks and proper tension.

**5.** Based on the inspection, what is the needed action?

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