

# Secondary Air Injection Diagnosis

Meets ASE Task: A8 – E-5 – P-3

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time on Task: \_\_\_\_\_

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

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

- ☐ 1. Check service information for the recommended test procedure and specifications for the secondary air injection system.  
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\_\_\_\_\_
- ☐ 2. Locate the air pump.
- ☐ 3. Carefully inspect the condition of all the hoses, check the valves and the metal lines for corrosion or damage.
- ☐ 4. Start the engine and feel the air pump lines to confirm the proper air flow.
- ☐ 5. Inspect the air pump drive belt for cracks and proper tension or electrical connections for an electric air pump.
- ☐ 6. Based on the inspection and test results, what is the needed action?  
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