1. Check service information for the specified maximum backpressure.

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

Meets ASE Task: A8 – E-6 – P-1

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

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

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

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

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

**Exhaust System Backpressure Test**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Remove the oxygen sensor from the exhaust manifold and install tool to measure exhaust back pressure.

3. Connect a vacuum/pressure gauge to the exhaust back pressure tool. Start the engine and run at idle and observe exhaust back pressure.

\_\_\_\_\_\_ psi back pressure (maximum allowable back pressure at idle is 1.25 psi.)

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

4. Operate the engine at a constant speed of 2500 RPM and observe the exhaust back pressure.

\_\_\_\_\_\_ psi back pressure (Maximum allowable back pressure at 2500 RPM is 2.5 psi.)

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

5. Based on the results of the backpressure test, what is the needed action?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



**NOTE:** This tool can be made from an 18 mm fitting and a vacuum hose nipple.