

Exhaust System Backpressure Test

Meets ASE Task: A8 – E-6 – P-1

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

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

- ☐ 1. Check service information for the specified maximum backpressure.

- ☐ 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.