

# Fuel Pump Testing

Meets ASE Task: A8 – D-8 – P-1

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

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

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

- ☐ 1. Check service information and determine the factory specifications for acceptable fuel pump pressure.

Fuel pump pressure specifications = \_\_\_\_\_

- ☐ 2. Check service information, locate the fuel system pressure test valve or port, and describe its location. If no test port, describe the process to adapt a pressure gauge to the system.

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

- ☐ 3. Connect a fuel pressure gauge to the fuel pressure Schrader valve.

- ☐ 4. Start the engine and observe the fuel pressure.

fuel pressure = \_\_\_\_\_ OK ☐ \_\_\_\_\_ NOT OK ☐ \_\_\_\_\_

- ☐ 5. If equipped; connect a hand-operated vacuum pump to the fuel pressure regulator and apply 20 in. Hg. of vacuum.

Did the pressure decrease? Yes ☐ \_\_\_\_\_ No ☐ \_\_\_\_\_

- ☐ 6. Check fuel pump volume (0.5 to 1.0 gallons per minute).

- ☐ 7. Based on the tests, what is the needed action?

\_\_\_\_\_

