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

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

Meets ASE Task: A8 – D-8 – P-1

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

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

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

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

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

**Fuel Pump Testing**

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.

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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?

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

