**Meets ASE Task:** (A8-D-8) P-1 Inspect and test fuel pumps and pump control systems for pressure, regulation, and volume; determine needed action.

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

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

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

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

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

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

**Fuel Pump Testing**

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**[ ]  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.

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

**[ ]  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.** Connect a hand-operated vacuum pump to the fuel

 pressure regulator and apply 20 in. Hg. of vacuum.

 Did the pressure decrease? \_\_\_\_\_\_\_\_\_\_

**[ ]  6.** Check fuel pump volume (0.5 to 1.0 gallons per

 minute).

**[ ]  7.** Based on this test, what is the needed action?

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

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