

# Fuel Pump Testing

**Meets NATEF Task:** (A8-D-3) Inspect and test fuel pumps and pump control systems for pressure, regulation, and volume; perform necessary action. (P-1)

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

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

\_\_\_\_\_

\_\_\_\_\_ 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 necessary action?

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

