

# Fuel Injector Balance Test

Meets NATEF Task: (A8-D-7) Inspect and test fuel injectors. (P-1)

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

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_\_ 1. Check service information for the procedures and specifications for an injector voltage drop test.

\_\_\_\_\_

\_\_\_\_\_

a. Part number of recommended tester = \_\_\_\_\_

b. Maximum allowable variation in voltage drop among the injectors = \_\_\_\_\_

\_\_\_\_\_ 2. What was the starting pressure?

\_\_\_\_\_ psi/kPa

\_\_\_\_\_ 3. Record the voltage drop of the injectors (pressure after injector was pulsed on).

Cylinder #1 \_\_\_\_\_ Cylinder #5 \_\_\_\_\_

Cylinder #2 \_\_\_\_\_ Cylinder #6 \_\_\_\_\_

Cylinder #3 \_\_\_\_\_ Cylinder #7 \_\_\_\_\_

Cylinder #4 \_\_\_\_\_ Cylinder #8 \_\_\_\_\_

\_\_\_\_\_ 4. Compare the test results with the specifications. What is the necessary action?

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