

Fuel Injector Balance Test

Meets NATEF Task: (A8-D-6) Inspect and test fuel injectors. (P-1)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

(Voltage Drop Method)

_____ 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?

