

Injector Balance Testing

Meets NATEF Task: (A8-D-1) Diagnose problems associated with engine operation or vehicles equipped with injection-type fuel systems; determine necessary action (P-1)

Name _____ Date _____ Time on Task _____

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

(Ohmmeter Method)

_____ 1. Check service information for the specified injector resistance. _____

_____ 2. Measure the resistance of all injectors with a digital ohmmeter.

NOTE: For best performance and idle quality, all injectors should measure within 0.3 to 0.4 ohms of each other.

Injector resistance:

Resistance	Resistance
1. _____	5. _____
2. _____	6. _____
3. _____	7. _____
4. _____	8. _____

Highest resistance = _____ ohms.

Lowest resistance = _____ ohms.

Difference = _____ ohms (should be less than 0.4 ohms).

OK _____ NOT OK _____

