

# 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 \_\_\_\_\_

