

Modes of Fuel Injection Operation

Meets NATEF Task: (A8-A-2) P-1 Research applicable vehicle and service information, such as engine management system operation, service history, service precautions, and TSBs.

Name _____ Date _____ Time on Task _____

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

_____ 1. Check service information for the sensors that are used to control the fuel injection system at each of the six modes of operation.

_____ 2. Starting cranking mode:

Sensors Used

Why

_____ 3. Acceleration enrichment mode:

Sensors Used

Why

_____ 4. Deceleration enleanment mode:

Sensors Used

Why

_____ 5. Open-loop operation mode:

Sensors Used

Why

_____ 6. Closed-loop operation mode:

Sensors Used

Why

_____ 7. Fuel shut-off mode:

Sensors Used

Why
