

► TASK Inspect and test computerized engine control system sensors, powertrain/engine control module (PCM/ECM), actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform needed action.

MAST
8B7

Time off	_____
Time on	_____
Total time	_____

CDX Tasksheet Number: C840

1. **Research the following patterns/test procedures for this vehicle in the appropriate service information.**
 - a. **Sketch (or print out) the specified oxygen sensor pattern (front):**

 - b. **Sketch (or print out) the specified fuel injector pattern:**
2. **Connect the GMM or DSO to the oxygen sensor circuit, start the vehicle, allow the engine to warm up for the specified amount of time, and observe the pattern on the test equipment.**
 - a. **Sketch or print off and attach to this sheet the pattern you obtained here:**

 - b. **List your observation(s):**
3. **Connect the GMM or DSO to the fuel injector circuit, start the vehicle, allow the engine to warm up for the specified amount of time, and observe the pattern on the test equipment.**
 - a. **Sketch or print off and attach to this sheet the pattern you obtained here:**

 - b. **List your observation(s):**

4. Determine any necessary action(s):

5. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C840

0

1

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Supervisor/instructor signature _____ Date _____

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