

Temperature Sensors

Meets NATEF Task: (A8-B-5) Inspect and test sensors, actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform necessary action. (P-1)

Name _____ Date _____ Time on Task _____

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

_____ 1. Locate the engine coolant temperature (ECT) sensor used by the engine computer.

Wire colors = _____ and _____.



_____ 2. Locate and identify these coolant temperature sensors and list their *wire color(s)* in the blanks below:

- a. sensor for dash "hot" *light* = _____.
- b. sensor for dash temperature *gauge* = _____.
- c. sensor for electric cooling fan = _____.
- d. sensor for cold start injector on some fuel injected engines _____.
- e. sensor for intake air temperature (IAT) = _____.
 (may be located in the air cleaner)

_____ 3. Based on the test results, what is the necessary action?

