

# Temperature Sensor Scan Tool Diagnosis

**Meets NATEF Task:** (A8-B-7) 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. Check service information for the recommended method for checking temperature sensors using a scan tool.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ 2. List all of the temperature sensors that are on the vehicle. Check all that apply.

\_\_\_\_\_ ECT (describe location) \_\_\_\_\_

\_\_\_\_\_ IAT (describe location) \_\_\_\_\_

\_\_\_\_\_ TFT (describe location) \_\_\_\_\_

\_\_\_\_\_ Other (describe) \_\_\_\_\_

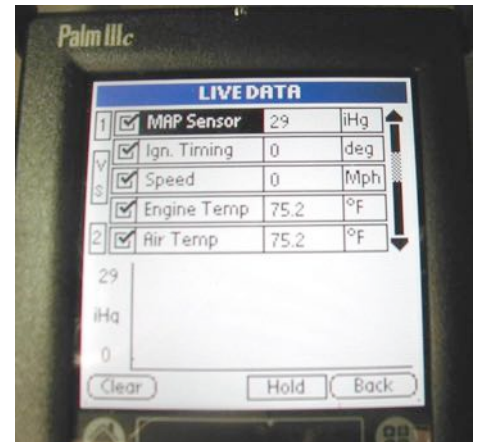
\_\_\_\_\_ 3. On a vehicle that has not been operated for several hours, use a scan tool and list the temperature displayed for various temperature sensors.

ECT = \_\_\_\_\_

IAT = \_\_\_\_\_

TFT = \_\_\_\_\_

Other (describe) = \_\_\_\_\_



\_\_\_\_\_ 4. Based on the test results, what is the necessary action? \_\_\_\_\_

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