Temperature Sensor Scan Tool Diagnosis

Meets ASE Task: (A8-A-9) P-2 Inspect and test sensors, actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform needed action.

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) _____

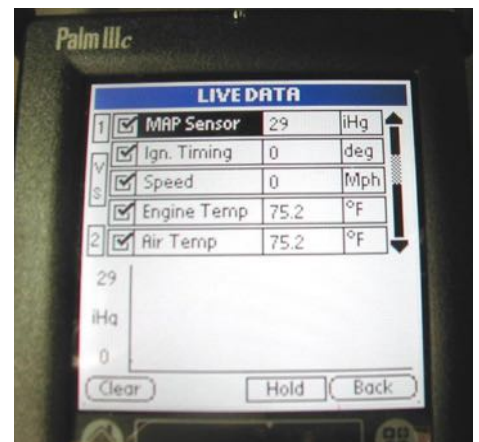_____ TFT (describe location) _____

_____ 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 needed action? _____

_____