

# Throttle Position 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 specified testing procedures and specifications for the throttle position (TP) sensor.

Recommended testing procedure: \_\_\_\_\_

Throttle position sensor specification: \_\_\_\_\_

\_\_\_\_\_ 2. Connect a scan tool to the data link connector (DLC). Check and record any throttle position-related diagnostic trouble codes (DTCs).

**DTC**

**Description of DTC**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ 3. With the ignition on, engine off (KOEO), connect a scan tool and check the output of the TP sensor at:

Idle = \_\_\_\_\_ 1/2 throttle = \_\_\_\_\_ Wide open (WOT) = \_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

