

# Throttle Position Sensor Scope Test

**Meets NATEF Task:** (A8-B-7) P-2 Inspect and test sensors, actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform necessary action.

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

- \_\_\_\_\_ 1. Check service information regarding the location of the throttle position sensor used on the vehicle being tested.

Location (describe):  
\_\_\_\_\_



- \_\_\_\_\_ 2. Check service information for the wire colors used and their purpose

Wire 1 (color and purpose): \_\_\_\_\_

Wire 2 (color and purpose): \_\_\_\_\_

Wire 3 (color and purpose): \_\_\_\_\_

- \_\_\_\_\_ 3. Check service information for the specified voltage output and/or waveform for the throttle position sensor.

\_\_\_\_\_

- \_\_\_\_\_ 4. Following the test equipment manufacturer's instructions, show the instructor the waveform.

Instructor OK \_\_\_\_\_

- \_\_\_\_\_ 5. Based on the comparison between the captured waveform and the specified waveform, what action is needed?

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

