

# MAP Sensor Waveform Test

**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. Check service information regarding the location of the MAP sensor used on the vehicle being tested.

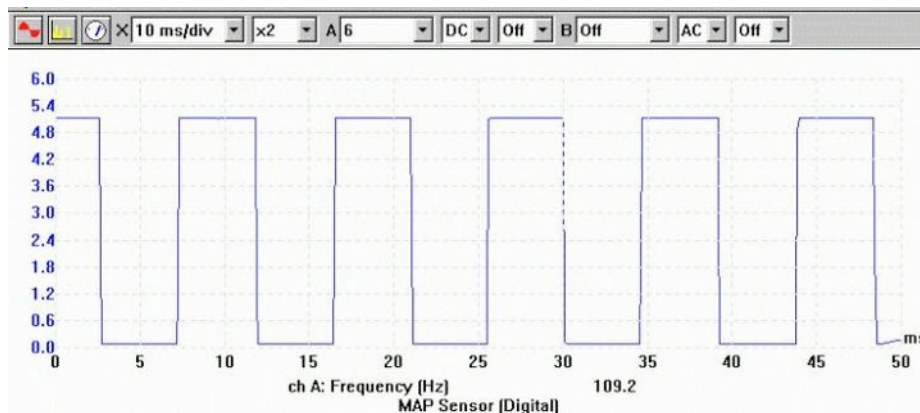
Location (describe): \_\_\_\_\_

\_\_\_\_\_ 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 MAP sensor.

\_\_\_\_\_

\_\_\_\_\_ 4. Following the test equipment manufacturer's instructions, show the instructor the waveforms. Instructor OK \_\_\_\_\_

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

\_\_\_\_\_