

# MAF Sensor Visual Inspection

**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 for the location, wire colors, and specified testing procedures for the MAF sensor.

Location: \_\_\_\_\_

Wire colors and purpose: \_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_



\_\_\_\_\_ 2. Describe the actual location of the MAF sensor. \_\_\_\_\_

\_\_\_\_\_ 3. Verify the wire colors and the location in the electrical connector.

OK \_\_\_\_ NOT OK \_\_\_\_ Describe fault: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ 4. Check the condition of the electrical terminals.

OK \_\_\_\_ NOT OK \_\_\_\_ Describe fault: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ 5. Check the physical condition of the sensor for signs of contamination or damage.

OK \_\_\_\_ NOT OK \_\_\_\_ Describe fault: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ 6. Based on the inspection, what is the necessary action? \_\_\_\_\_

\_\_\_\_\_