1. Check service information for the specified MAP sensor diagnostic procedure.

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

Meets ASE Task: A8 – A-5 – P-1

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**MAP Sensor Diagnosis**

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2. Perform a thorough visual inspection including:

a. Check the condition of vacuum hose (if equipped).

b. Check that the sensor is properly mounted/sealed at the intake manifold.

c. Check the condition of the electrical connector at the sensor.

3. Turn the ignition key on (engine off), read and record the MAP sensor voltage (or frequency) = \_\_\_\_\_ volts (Hz) (use either a scan tool or digital meter connected to the signal wire). (Should be about 4.60 to 4.80 volts or 156-159 Hz.)

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

4. Start the engine and operate until normal operating temperature is achieved. Read and record the MAP sensor voltage (or Hz) at idle speed = \_\_\_\_\_\_\_\_volts (Hz). (Should be between 0.9 and 1.6 volts (102-109 Hz) if the engine varies between 17 and 21 inches of Hg.)

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

5. Based on these tests, what is the needed action?

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

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