[ ]  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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