



MAP Sensor Diagnosis

Meets ASE Task: A8 – A-5 – P-1

Name:		Date:	Time on Task:
Make/Model/Year:		VIN:	
Evaluation (E	nter number from 4, 3, 2, 1) :		
1 .	Check service information for the specified MAP sensor diagnostic procedure.		
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.		
3.	c. Check the condition of the electrical connector at the sensor. 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.)		
4.	OK NOT OK Start the engine and operate until no the MAP sensor voltage (or Hz) at id 1.6 volts (102-109 Hz) if the engine v	 ormal operating ten le speed = varies between 17 a	nperature is achieved. Read and record _volts (Hz). (Should be between 0.9 and and 21 inches of Hg.)
5.	OK NOT OK Based on these tests, what is the ne	eded action?	

