MAP Sensor Diagnosis

Meets ASE Task: (A8-B-7) P-2 Inspect and test sensors, actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform necessary action.

Name	Date	Time on Task
Make/Model/Year	VIN	Evaluation: 4 3 2 1
1. Check service info	ormation for the specified MAP	sensor diagnosis procedure.
2. Perform a thoroug	h visual inspection including:	
b. Check tha	condition of vacuum hose (if ed t the vacuum hose routing does ose between the sensor and the i	not have any dips or sags in the
	fumes) or water (condensed stea	n create a trap where liquid fuel am) can accumulate and block the
such as a l	\ 1 11 /	out of the sensor or the hose, replace hose to the MAP.
frequency) =	• • •	cord the MAP sensor voltage (or ool or digital meter connected to the or 156-159 Hz.)
OK	NOT OK	
record the MAP so be between 0.9 an	ensor voltage (or Hz) at idle spe	g temperature is achieved. Read and ed =volts (Hz). (Should engine varies between 17 and 21
	ets, what is the necessary action?	