MAF Sensor Diagnosis

Meets ASE Task: (A8-A-9) P-2 Inspect and test sensors, actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform needed action.

Name	Date	Time on Task
Make/Model/Year	VIN	Evaluation: 4 3 2 1
	ty MAF can cause drivability	at depending on the MASS of the air by problems and stalling. A good MAI beed.
1. Check service information sensor.	nation for the specified proce	edure to follow to test the MAF
	e with a frequency counter to at idle and at WOT (short by	
at idle =	at WOT =	
3. Use a scan tool and a	record grams per second.	
at idle =	at WOT =	
A good MAF sh	ould read:	and the second
• higher the	chan 100 grams per second (s han 7000 Hertz (7 KHz) (dig han 4 volts (analog MAF)	<i>y</i>
	eading does not exceed these sensor itself is defective.	values, the sensing wire may be
5. Based on the test res	ults, what is the needed action	on?