MAF 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
	lty MAF can cause driveabili	at depending on the MASS of the air ity problems and stalling. A good gine speed.
1. Check service inform sensor.	nation for the specified proce	edure to follow to test the MAF
	with a frequency counter to at idle and at WOT (short bu	
at idle =	at WOT =	
3. Use a scan tool and r	ecord grams per second.	
at idle =	at WOT =	
A good MAF she	ould read:	and the same of th
 higher th 	han 100 grams per second (s nan 7000 Hertz (7 KHz) (dig nan 4 volts (analog MAF)	<u> </u>
	eading does not exceed these sensor itself is defective.	values, the sensing wire may be
5. Based on the test rest	ults, what is the necessary ac	etion?
5. Based on the test resi	ults, what is the necessary ac	ction?