MAF Sensor Diagnosis

Meets NATEF 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
flow through the sensor. A fault MAF sensor should produce a sign	y MAF can cause driveabiling mal that increases with eng	at depending on the MASS of the air ity problems and stalling. A good gine speed. Edure to follow to test the MAF
frequency or voltage a	with a frequency counter to t idle and at WOT (short but	ursts).
at idle = 3. Use a scan tool and rec	at WOT = cord grams per second.	
at idle =A good MAF show	at WOT =	
 higher that 	an 100 grams per second (s in 7000 Hertz (7 KHz) (dig in 4 volts (analog MAF)	· /
	ding does not exceed these ensor itself is defective.	values, the sensing wire may be
	ts what is the necessary ac	etion?