MAF Sensor Scope

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
Most mass air flow the amount (mass) of air flo	-	ency signal or voltage proportional to
	formation and determine the volta al MAF sensor) range for the unit	
2. Set the scope to 2	2ms/div and 200 mV/div.	
	sensor and connect the scope pro probing the connector.	be to the signal wire on the sensor
3. Connect the scop	pe probe ground lead to a good no	on-painted engine or body ground.
4. Draw the MAF s	sensor signal at idle speed with the	e engine in neutral or park.
5. Place the gear se MAF sensor sign		tic transmissions only) and draw the
6. What difference	did you notice?	
7. Based on the test	t results, what is the necessary act	ion?