Oxygen 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/M	odel/Year	VIN	Evaluation: 4 3 2 1
1.	Connect the scan tool to	the DLC and start the engine.	
2.	Operate the engine at a f 2 minutes to allow time warm to operating temper	for the oxygen sensor to	
3.	Observe the oxygen sens to verify closed loop ope	sor activity on the scan tool cration.	
4.	Select "snap shot" mode	and hold the engine speed ste	ady and start recording.
5.	Play back snap shot and place a mark beside each range of oxygen sensor voltage for each frame of the snap shot.		
	Between 0 and 300 mV	Between 300 and 600 mV	Between 600 and 1000 mV
	(record # of times)	(record # of times)	(record # of times)
6.	values at both ends (0 to	1 2	should result in most snap shot most of the readings are in the
	OK NO	ОТ ОК	
7.	Based on the test results,	, what is the needed action?	