Scan Tool Testing of the Ignition System Meets NATEF Task: (A8-C-1) Diagnose electronic ignition-related problems; determine

necessary action. (P-2)

Name	Dat	te	_ Time on Task				_
Make/Model/Year	VIN		Evaluation:	4	3	2	1
1. Check service informa scan tool to monitor w being sent to the various	hat the vehicle con	mputer is looki	ng at and what co			_	
2. Connect the scan tool of through the various parties be viewed.		` /					
Idle RPM =	-	Spark advance	e at idle =				
3. Slowly increase engine	e speed and observ	ve the amount of	of spark advance.				
Spark advance at	1000 RPM =	degrees			C		1
Spark advance at					H		OH .
Spark advance at 2	2000 RPM =	degrees		0 0			
Spark advance at 2	2500 RPM =	degrees		7			
4. Scroll the display of the displayed (if the vehice			S) activity or tim	ing	reta	rd is	3
KS signal at idle = detected an engine	should (should	be zero) (The	engine should not	hav	ve		
5. Increase engine speed retard timing?	while observing K	CS or timing ref	ard amount. Did	the	con	nput	er
Yes	No						
6. Lightly tap on the engineer warmed above idle specific			ng retard with the	eng	gine		
Yes _	No						
7. Based on the test resul	ts, what is the nec	essary action?					
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