Scan Tool Diagnosis

Meets NATEF Task: (A8-B-1) P-1 Retrieve and record diagnostic trouble codes, OBD monitor status, and freeze frame data; clear codes when applicable.

Name	Date	Time on Task
Make/Model/Year	VIN	Evaluation: 4 3 2 1
	ailable on all vehicles or scan to Pending DTC:	-
2. Engine coolant temp	perature (ECT): cold war	rm
3. Intake air temperatur	re (IAT): cold warm _	
4. Upstream O2S1: 10	owest voltage observed h	nighest voltage observed
5. Upstream O2S2: 10	owest voltage observed h	nighest voltage observed
6. Downstream O2S: lo	owest voltage observed h	nighest voltage observed
7. O ₂ cross counts: @	idle @ 2,000 RPM	
8. Injector pulse width:	: @ idle (park) @ idle (dr	rive)
@ 2,000 RPM (park) @ 3,000 RPM (par	k)
9. Spark advance: @ i	dle (park) @ idle (drive)_	
@ 2,000 RPM (park) @ 3,000 RPM (par	k)
10. Short term fuel trim	(integrator): @ idle (park)	_
@ idle (drive)_	@ 2,000 RPM (park)	_
11. Long term fuel trim	(block learn): @ idle (park)	@ idle (drive)
12. MAP: @ idle (park	a) @ idle (drive)	
13. MAF (grams/sec): (@ idle (park) @ idle (driv	/e)
@ 2,000 RPM (park)@ key on (engine o	ff)
14. IAC counts: @ idle	(park) @ idle (drive)	
@ A/C on (drive	e) @ 2,000 RPM (park)_	
15. Throttle position (TI	P) sensor: @ idle @ W.O	T. engine off, ignition "on"
16. Battery voltage:		
17. All monitors run and	d passed? OK NOT OK_	
18 . Troubles with the ve		