Scan Tool Diagnosis

Meets ASE Task: A8 – A-2 – P-1 & A8 – B-5 – P-1

Name:_____   Date:_____   Time on Task:_____

Make/Model/Year:_____   VIN:_____

Evaluation (Enter number from 4, 3, 2, 1) :_____

- [ ] 1. DTCs: _____   Pending DTC:_____
- [ ] 2. Engine coolant temperature (ECT): cold _____ warm _____
- [ ] 3. Intake air temperature (IAT):   cold _____ warm _____
- [ ] 4. Upstream O2S1:   lowest voltage observed _____ highest voltage observed _____
- [ ] 5. Upstream O2S2:   lowest voltage observed _____ highest voltage observed _____
- [ ] 6. Downstream O2S: lowest voltage observed _____ highest voltage observed _____
- [ ] 7. Injector pulse width: @ idle (park)_____ @ 2000 RPM (park)_____
- [ ] 8. Spark advance: @ idle (park)_____ @ 2000 RPM (park)_____
- [ ] 9. Short term fuel trim: @ idle (park)_____ @2000 RPM (Park) _____
- [ ] 10. Long term fuel trim (block learn): @ idle (park)_____   @ idle (drive)_____
- [ ] 11. MAP: @ idle (park)_____ @ idle (drive)_____
- [ ] 12. MAF (grams/sec): @ idle (park)_____ @ 2000 RPM (park)_____
- [ ] 13. IAC counts: @ idle (park)_____ @ idle (drive)_____
- [ ] 14. Throttle position (TP) sensor: @ idle_____   @ W.O.T. engine off, ignition "on"_____
- [ ] 15. Battery voltage: _____

(Not all of this data will be available on all vehicles or scan tools - if not available, put NA.)