1. DTCs: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pending DTC:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Scan Tool Diagnosis**

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.)

A picture containing text, indoor

Description automatically generated