

NATEF TASK SHEET
SECTION A8 A.1 B.1,2,4 (P-1)

Engine Performance Datastream: Gathering Information

Is there anything abnormal about the datastream?

Student: _____ Date: _____ Period: _____

VIN: _____ Year: _____ Make: _____ Model: _____

Engine: _____ Transmission: _____ Production Date: _____

Objective: Student will check Datastream Information, compare data to specifications, and determine if there are any discrepancies.

- Materials:**
1. **EYE PROTECTION**
 2. Scan Tool used: _____
 3. Mitchell-On-Demand / All-Data
 4. Vehicle (see instructor)

Procedure: WEAR EYE PROTECTION!

See All-Data for scan tool data-link location. Start vehicle and allow it to idle. Scan system for datastream information and enter requested data in table below. Look-up acceptable ranges for data, print out and staple to task sheet, and record in table below from All-Data.

<i>DATASTREAM ITEM</i>	<i>DATA OBSERVED</i>	<i>SPECIFICATIONS</i>
1. Idle RPM		
2. Coolant Temperature F°		
3. Throttle Position %		
4. MAP /MAF Sensor		
5. Oxygen Sensor Voltage (B1) Primary		
6. Oxygen Sensor Voltage (B2) Secondary		
7. Open/Closed Loop		
8. Intake Air Temperature Sensor		
9. MIL Lamp On / Off		
10. DTC's Present Yes / No		
Do you notice any differences between the actual data and the specifications? List Any Differences: _____ Your Recommendations: _____		

INSTRUCTORS EVALUATION

LEVEL OF SKILL ATTAINED	<i>Initial</i>	OVERALL SKILL EVALUATION	<i>Points</i>
DEMONSTRATES MASTERY (5)		DOCUMENTATION COMPLETENESS (1)	
PERFORMS SATISFACTORILY (4)		SAFETY COMPLIANCE (1)	
CAPABLE, NEEDS PRACTICE (3)		WORK PROFESSIONALISM (3)	
ASSISTED IN PERFORMING (2)		LEVEL OF SKILL ATTAINED (1-5)	
EXPOSURE, OBSERVATION (1)		TOTAL SCORE	
INSTRUCTOR'S SIGNATURE: _____			