JOB SHEET A6H9 Scan Tool Communication

Start Date: _____

Name: _____ End Date: _____

Make: _____ Model: _____ Year: _____

VIN: _____ Mileage: _____

LEARNING OBJECTIVE/NATEF TASK

• Diagnose body electronic system circuits using a scan tool; determine necessary action **NATEF TASK A6/H9, P2. ICS167**

MATERIALS

Classroom Vehicle (s), OEM service information, DMM, Jumper wires, Scan Tool

PROCEDURE

• Wear Safety Glasses for this entire procedure.

• Review Lessons 1, 2, and 3 of UNIT 4 in the A6 course. Locate in the OEM service information the diagnostic procedure for Scan Tool use with Body Electrical Systems for the vehicle you are using for this Job Sheet. AYES suggests using the Cruise Control System. Submit this information to your instructor or mentor for approval.

`Your Instructor MUST stamp or initial the box to the right before you can proceed with this job sheet.`

Instructor Approval

NOTE: Lack of communication may be due to a partial malfunction of the class 2 serial data circuit or due to a total malfunction of the class 2 serial data circuit. The specified procedure will determine the particular condition

1. Install an OBD II compliant or OEM Scan Tool to the vehicle following the recommendations of the Scan Tool manufacturer.

2. Did the Scan Tool Power up? _____. If it did not power-up what do you do next?

_____

_____

_____

_____

3. Select the IPC display DTC function on the scan tool. Does the Scan Tool Display any Diagnostic Trouble Codes (DTC)?_____. List any codes displayed:_____.
   If there are no DTCs, what do you do? _____

_____

_____

4. Select the ABS/TCS display DTC function on the scan tool. Does the Scan Tool Display any Diagnostic Trouble Codes (DTC)?_____.
   List any codes displayed:_____
   If there are no DTCs, what do you do? _____

_____

_____

5. Select the PCM display DTC function on the scan tool. Does the Scan Tool Display any Diagnostic Trouble Codes (DTC)?_____. List any codes displayed:_____.
   If there are no DTCs, what do you do? _____

_____

_____

TASK SUMMARY

• Now that you have completed this NATEF task, can you think of anything (tools, information, knowledge etc.) that would have made this task easier.
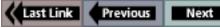
_____

_____

_____

_____

- List a customer complaint together with the cause determined by this diagnostic/inspection task that might appear on a work order, and then list the NATEF Task CORRECTION you would use to resolve the complaint.

COMPLAINT: _____

   1. Perform Checks/Inspect: _____

   2. Referencing Bulletin:_____

CAUSE:_____

   1. Diagnosis: **USED THIS NATEF DIAGNOSIS TASK**

   2. Operating as designed:_____

   3. Cause identified as:_____

CORRECTION:_____

   1. Other Correction: _____

   2. Correction Verified By:_____

Use this Rubric to RATE the completion of Job Sheet
1 = Demonstrated exposure/observation of the competency
2 = Applies the competency but only mastered a few essential attributes
    of the competency
3 = Capable of the competency but needs further practice
4 = Performs the competency satisfactorily
5 = MASTERED the competency

Instructor _____   **Mentor** _____