A6/U7/L1 WIRING & WIRING SERVICE

JOB SHEET A6A16 Connector & Wire Repairs

Start Date: _____

Name: _____ End Date: _____

Make: _____ Model: _____ Year: _____

VIN: _____ Mileage: _____

LEARNING OBJECTIVE/NATEF TASK

• Repair wiring harnesses and connectors **(NATEF TASK A6/A16, P1. ICS086**

MATERIALS

Classroom Vehicle (s), OEM service information, wiring harness, terminal repair kit, terminals, electrical tape, Dielectric grease

PROCEDURE

• Wear Safety Glasses for this entire procedure.

• Review pages 10-22 in Lesson 1 of UNIT 7 and/or pages 52-70 of Lesson 2 in UNIT 15 of the A6 Course. Locate in the OEM service manual the procedure for wiring and connector repair for the wiring you are using for this Job Sheet. Submit this procedure to your instructor for approval.

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

Instructor
Approval

1. Check all connectors for corrosion, dirt, and looseness. Describe what you found:

_____

_____

_____

_____

_____

NOTE: Most connectors have pushdown release type locks. Make sure these are not damaged when disconnecting the connectors. Refer to the OEM service information for the correct way to open and release a wire from the connectors on the vehicle. Summarize that procedure:

_____

_____

_____

_____

2. Check the wiring for loose or corroded terminals; frayed, broken, or oil-soaked wires; and faulty insulation. Describe what you found:

_____

_____

_____

_____

3. Following the OEM procedure for the vehicle you are working on, complete a wiring and terminal repair and show it to your instructor and/or mentor for approval.

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 that might appear on a work order, which would require this task as the correction.

COMPLAINT:_____

   1. Perform Checks/Inspect: _____

   2. Referencing Bulletin: _____

CAUSE:_____

   1. Diagnosis:_____

   2. Operating as designed:_____

   3. Cause identified as:_____

CORRECTION: **THIS NATEF TASK JOB SHEET**

   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** _____