

JOB SHEET A6E2 Headlight Service

Name: _____ Start Date: _____
Make: _____ Model: _____ End Date: _____
VIN: _____ Year: _____
Mileage: _____

LEARNING OBJECTIVE/NATEF TASK



- Inspect, replace, and aim headlights and bulbs.
NATEF TASK A6/E2, P2. ICS161

MATERIALS

Classroom Vehicle (s), OEM service information, DMM, Jumper wires, fender covers

PROCEDURE

- Wear Safety Glasses for this entire procedure.
- Review Lesson 2 of UNIT 8 in the A6 course. Locate in the OEM service information the procedure for the inspection, replacement, and aiming of headlights for the vehicle you are using. Submit this procedure 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.



1. What type of headlights are on the vehicle you are using? _____
2. Describe the inspection and replacement process for both Halogen and HID Headlights?

2. What are the pre-alignment checks to be made to the vehicle before adjusting the headlights? _____

A6/U8/L2 LIGHTING SYSTEMS DIAGNOSIS AND REPAIR

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3. Describe the procedures used when aligning headlights with mechanical headlight aiming equipment: _____

 4. Describe the procedures used when aligning headlights using an aiming screen: _____

 5. How is the horizontal adjustment accomplished on the vehicle headlights?

 6. How is the vertical adjustment accomplished on the vehicle headlights?

 7. What is difference about the headlight inspection, replacement, and aiming process on a vehicle equipped with High Intensity Discharge (HID) headlights?

A6/U8/L2 LIGHTING SYSTEMS DIAGNOSIS AND REPAIR

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** _____