

A6/U4/L2 BATTERY DIAGNOSIS & SERVICE

JOB SHEET A6B7 Jump-Starting a Battery

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

LEARNING OBJECTIVE/NATEF TASK



- Start a vehicle using jumper cables and a battery or auxiliary power supply. **(NATEF TASK A6/B7, P1. ICS160)**

MATERIALS

2 Classroom Vehicle (s), OEM service information, jumper cables, battery jumper box, portable battery pack

PROCEDURE

- Wear Safety Glasses for this entire procedure.
- RECORD Battery Type: _____ Battery Rating: _____
- Locate in the OEM service information the procedure for battery jump starting 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.



2. What Safety Precautions are necessary when Jump-Starting a Vehicle?

3. If one of the vehicles used has a manual transmission/transaxle, what gear should it be in during the Jump-Starting procedure? _____

A6/U4/L2 BATTERY DIAGNOSIS & SERVICE

4. If the vehicle with the dead battery is a SLA and has a built-in hydrometer state of charge indicator and displays a yellow dot, what should be done?

5. Where should the negative jumper cable be attached on the vehicle being jumped? _____

6. What special precautions are necessary on jump-starting vehicles equipped with computer-controlled systems?

7. What is a battery jumper box and how do you use it?

8. List the procedures and tools that you used to jump-start this vehicle?

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.

A6/U4/L2 BATTERY DIAGNOSIS & SERVICE

- 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** _____