

# A6/U4/L2 BATTERY DIAGNOSIS & SERVICE

## JOB SHEET A6B3 Battery Memory Function

Name: \_\_\_\_\_ Start Date: \_\_\_\_\_  
Make: \_\_\_\_\_ Model: \_\_\_\_\_ End Date: \_\_\_\_\_  
VIN: \_\_\_\_\_ Year: \_\_\_\_\_  
Mileage: \_\_\_\_\_

### LEARNING OBJECTIVE/NATEF TASK



- Maintain or restore electronic computer memory functions. **NATEF TASK A6/B3, P1. ICS160**

### MATERIALS

Classroom Vehicle (s), OEM service information, memory saver tool

### PROCEDURE

- Wear Safety Glasses for this entire procedure.
- Locate in the OEM service manual the procedure for restoring memory functions after battery disconnect for the vehicle you are using for this job sheet. 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. Before disconnecting the battery, record all memory settings that the owner can control; i.e., radio and clock. Press each of the preset buttons on the radio and record the radio station frequencies that each button selects. Record these frequencies in the table below:

Button 1	Button 2	Button 3	Button 4	Button 5
Button 1	Button 2	Button 3	Button 4	Button 5
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2. List and describe any accessories on this vehicle that have a memory function:

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3. Install the memory saver tool into the cigar lighter outlet or voltage receptacle.
4. Disconnect the negative battery cable to perform other service.
5. Reconnect the negative battery cable and remove the memory savor tool.
6. Check the prerecorded radio settings from above.



**CAUTION: If you are under 18, your instructor/mentor MUST drive the vehicle. Observe all shop and safety rules when operating a vehicle.**

7. Using the OEM service information, follow the procedures for resetting computer parameters, which usually involves a test drive under prescribed operating modes. Summarize the results of the test drive.

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## 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.

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- 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** \_\_\_\_\_