

A6/U2/L1 ELECTROMAGNETIC DEVICES

JOB SHEET A6G1 HORN DIAGNOSIS

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

LEARNING OBJECTIVE/NATEF TASK



- Diagnose incorrect horn operation; perform necessary action. **NATEF TASK A6/G1, P2. ICS 161**

MATERIALS

Classroom Vehicle (s) OEM service information, test equipment

PROCEDURE

- Wear Safety Glasses for this entire procedure.
- Locate in the OEM service information a wiring diagram and associated component locators that show the horn circuit, fuses, and various components in the circuit for the vehicle you are working on. Submit the complaint and your diagnosis 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.



- List the horn components and their location in the chart below:

Horn Circuit Component	Component Location

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- If the horn relay is suspected faulty, what test procedures can you use to verify the relay is faulty

- If the horn button switch or slip ring is suspected faulty, what test procedures can you use to verify that the horn button switch or slip ring is faulty?

- What should the voltage be that is supplied to the horns in the circuit? ____
- To test the horn(s) for proper operation, how could you use a fused jumper wire to check their normal operation?

- What diagnostic steps are most useful when troubleshooting this system?

- What is your analysis of what was most useful in diagnosing a horn circuit?

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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.

- 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** _____