

JOB SHEET A6D3 Generator Drive Belts

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

LEARNING OBJECTIVE/NATEF TASK



- Inspect, adjust, or replace generator (alternator) drive belts, pulleys, and tensioners; check pulley and belt alignment. **(NATEF TASK A6/D3, P2).**

ICS 160

MATERIALS

Classroom Vehicle (s), OEM service information, belt tension gauge

PROCEDURE

- **Wear Safety Glasses for this entire procedure.**
- Locate in the OEM service information the procedure for the inspection, adjustment, replacement, and pulley alignment of the AC Generator drive belt 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. Removing and replace the AC Generator drive belt, check the pulley alignment, and belt tension. List the procedures you used to replace the drive belt and belt inspection results:

2. What procedures and special tools did you use to check the alternator belt tension and pulley alignment? _____

A6/U5/L3 CHARGING SYSTEM DIAGNOSIS & SERVICE

3. Were the pulleys in alignment? _____. If not, what did you do to correct the misalignment? _____

4. Is there a difference between new and used belt tension? _____

5. What was the final belt tension measured? _____

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/U5/L3 CHARGING SYSTEM DIAGNOSIS & SERVICE

- 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** _____