

A4/U3/L1 STEERING LINKAGE COMPONENTS

JOB SHEET A4B17 Steering Linkage Service

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

LEARNING OBJECTIVE/NATEF TASK



- Inspect and replace pitman arm, relay (centerlink/intermediate) rod, idler arm and mountings, and steering linkage damper **NATEF TASK A4/B17, P2. ICS155, 1CS166**

MATERIALS

Classroom Vehicle (s), OEM service information, hand tools, dial indicator, OEM special tools

PROCEDURE

- Wear Safety Glasses for this entire procedure.
- Review “Steering Linkage Service” in Lesson 1 of UNIT 3 of the A4 course. Locate in the OEM service information, the procedure for inspecting and replacement of the pitman arm, relay (centerlink/intermediate) rod, idler arm and mountings, and steering linkage damper 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.



Instructor Approval

1. List the inspection procedure for the pitman arm, center link (if used), idler arm, and steering damper:

2. Specified vertical idler arm movement: _____

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3. Measured vertical idler arm movement: _____
4. List the removal procedure for an idler arm:

5. What is the idler arm retaining bolt torque? _____
6. What is the center link to idler arm nut torque? _____

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 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** _____