A4/U3/L1 STEERING LINKAGE

JOB SHEET A4B9 Inner Tie Rod Ends

Name		Start Date: End Date:
Make:	Model:	Year:
VIN: _		Mileage:
LEAF	NING OBJECTIVE/NATEF TASK	
•	• Inspect and replace manual ion steering gear inner tie rebellows boots. NATEF TAS 166	od ends (sockets) and
	RIALS om Vehicle (s), OEM service information, ha	and tools lift safety stands
• Revie the A inspe rod e sheet Your to t	Safety Glasses for this entire procedure. w "Steering Linkage Inspection Procedur tourse. Locate in the OEM service infoction and replacement of the rack and pireds sockets and bellows for the vehicle y. Submit this process to your instructor of Instructor MUST stamp or init: the right before you can proceed sheet.	es" in Lesson 1 of UNIT 3 of trmation, the process for the nion steering gear inner tie ou are using for this job or mentor for approval.
	t the symptoms that would require a rack rod end replacement:	& pinion steering gear inner
rac	During the process of removing the tie rod end should you change the rack bearing preload adjustment while removing the inner tie rod from the steering rack?	
3. Wi	I you have to remove the rack and pinion	boot?
4. Ca	n you replace the tie rod end without rem	oving the gear?

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5.	Explain the rack and pinion gear removal and installation process:
6.	Will you have to readjust the front toe?
7.	Will you have to bleed the power steering system?
8.	Will you have to reset the front camber setting?
9.	What is the power steering gear mounting bolts tightening torque?
•	ASK SUMMARY low that you have completed this NATEF task, can you think of anything cools, 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: _____ 1. Diagnosis:_____ Operating as designed: 3. Cause identified as:_____ CORRECTION: THIS NATEF TASK JOB SHEET 1. Other Correction: 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**