

# A4/U8/L2 SLA SUSPENSION DIAGNOSIS

## JOB SHEET A4C1.9 Stabilizer Bar Bushings

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

### LEARNING OBJECTIVE/NATEF TASK



- Remove, inspect, and replace stabilizer bar bushings, brackets, and links. **NATEF TASK A4/C1.9, P2. ICS 155.**

### MATERIALS

Classroom Vehicle or components, OEM service information, safety glasses, hand tools, safety stands, lift, floor jack, torque wrench, OEM special tools

### PROCEDURE

- Wear Safety Glasses for this entire procedure.
- Review Inspecting and Replacing Front Suspension Control Components in Lesson 2 of UNIT 8 of the A4 course. Locate in the OEM service information, the procedure for removing, inspecting, and replacing stabilizer bar bushings, brackets, and links. Submit this process 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. Jounce the vehicle and note any noise produced by the stabilizer assembly and record any observations:

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2. Place the vehicle on a hydraulic lift or safety stands.



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

3. Visually inspect the condition of the stabilizer bar, bushings, and links. Complete the chart below check **GOOD** or **BAD** for the components below.

Condition of the stabilizer bar:	<b>GOOD</b> _____	<b>BAD</b> _____
Condition of the stabilizer bar bushings:	<b>GOOD</b> _____	<b>BAD</b> _____
Condition of mounting brackets & links:	<b>GOOD</b> _____	<b>BAD</b> _____

4. If any of the above items were marked "BAD," describe the fault and suggest appropriate repairs:

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5. Following the procedure outlined below, remove the stabilizer bar.
  - Remove the link bolts or brackets that attach the stabilizer to the control arms.
  - Remove the brackets that attach the stabilizer to the frame and remove the stabilizer and bushings.
  - Inspect the condition of the bushings, brackets, and links. Record observations.
6. Following the procedure outlined below, install the stabilizer.
  - Determine and record below all torque specifications related to the installation of the stabilizer.
  - Reverse the removal procedures to install the stabilizer.
  - Replace all damaged or missing parts as directed by the instructor.
  - Lower the vehicle.
7. Will it be necessary to perform a wheel alignment as a result of this repair? \_\_\_\_\_

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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 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** \_\_\_\_\_