

# Suspension Problem Diagnosis

**Meets ASE Task:** (A4-A-2) P-1 Identify and interpret suspension concerns; determine needed action.

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_\_ 1. What is the stated customer concern? \_\_\_\_\_

\_\_\_\_\_ 2. Test drive the vehicle under the same conditions and road surface types as stated by the customer when the problem occurs and check the following.

Tire-type noise?	OK _____	NOT OK _____
Clunks?	OK _____	NOT OK _____
Creaks?	OK _____	NOT OK _____
Tracks straight?	OK _____	NOT OK _____
Pull during braking only?	OK _____	NOT OK _____
Wandering (unstable)?	OK _____	NOT OK _____
Other concern (describe) _____		

\_\_\_\_\_ 3. When does the fault or concern occur?

\_\_\_\_\_ During turns or cornering to the right  
 \_\_\_\_\_ During turns or cornering to the left  
 \_\_\_\_\_ During turns or cornering both to the right or the left  
 \_\_\_\_\_ While driving straight ahead  
 \_\_\_\_\_ Only when driving on a rough road  
 \_\_\_\_\_ Only when turning into or out of a driveway  
 \_\_\_\_\_ Other (describe) \_\_\_\_\_

\_\_\_\_\_ 4. Based on the test drive, what components or systems could be the cause of the suspension problem or concern?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ 5. What action will be needed to correct these concerns? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_