

# Limited Slip Differential Diagnosis

Meets ASE Task: A3 - E3-1- P-3

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

Make/Model/Year: \_\_\_\_\_ VIN: \_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) : \_\_\_\_\_

- ☐ 1. Check the type of limited slip differential.
- ☐ Cone-type
  - ☐ Viscous coupling
  - ☐ Eaton Locker
  - ☐ Torsen (torque sensing)
  - ☐ Other (describe): \_\_\_\_\_
- ☐ 2. Using service information, determine the testing procedure for checking the proper operation of the differential. Describe the testing procedure and list the tools or equipment needed.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- ☐ 3. Perform the function test procedure. ☐ OK \_\_\_\_ ☐ NOT OK \_\_\_\_
- ☐ 4. Based on the inspection and test results, what is the necessary action?
- \_\_\_\_\_
- \_\_\_\_\_

