

Limited Slip Differential Diagnosis

Meets NATEF Task: (A3-E-2-1) Diagnose noise, slippage, and chatter concerns; determine necessary action. (P-3)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 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?

