

Limited Slip Differential Diagnosis

Meets ASE Task: (A3-E-2.1) P-3 Diagnose noise, slippage, and chatter concerns; determine needed action.

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 needed action?

