

Inner Tie Rod Ends and Bellows Boots

Meets ASE Task: A4 – B-8 – P-2

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

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

- ☐ 1. Check the service information and write the specified procedure to inspect and replace the inner tie rod ends.
- _____
- _____
- ☐ 2. Hoist the vehicle safely and visually check the condition of the inner tie rod end bellows boots.
- ☐ _____ OK
- ☐ _____ Cracked in places, but not all the way through (recommend replacement)
- ☐ _____ Cracked open places (requires replacement)
- ☐ _____ Missing
- ☐ 3. Some vehicle manufacturers recommend that the entire rack and pinion steering gear assembly be removed from the vehicle when replacing the inner tie rod ends (ball socket assemblies).
- ☐ _____ Yes (recommend that rack be removed)
- ☐ _____ No (the tie rod end can be removed with the rack in the vehicle)
- ☐ 4. Describe the method used to retain the inner ball sockets to the ends of the rack.
- ☐ _____ Pin
- ☐ _____ Rivet
- ☐ _____ Stacked
- ☐ _____ Other (describe) _____
- ☐ 5. List all precautions found in the service information regarding this procedure.
- _____
- ☐ 6. Describe any problems.
- _____