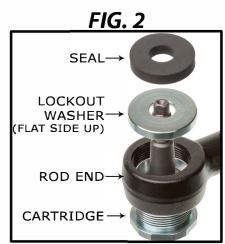


- 1. Measure lengths (center of stud to center of stud) of existing drag link and tie rod assembly.
- 2. Apply anti-sieze to drag link forging threads. Thread jam nuts onto forgings, and thread forgings into the sleeve as shown in Fig. 1a.
- 3. Repeat step 2 for tie rod assembly (Fig 1b).
- 4. Apply supplied anti-sieze to cartridge housing threads, thread cartridges into forgings, and torque to 120 ft/lbs using a 2" socket.
- 5. Adjust assemblies to match measurements taken in step 1.
- 6. Install dust boots on drag link ends. Install lockout washers and seals on tie rod ends (as shown Fig. 2).

CAUTION: Do **not** install lockout washers on drag link!

- 7. Install assemblies, and tighten nylon lock nuts. Torque lock nuts to **63 ft/lbs** at steering arms, and **77 ft/lbs** at the pitman arm.
- 8. Perform front end aligment, and tighten jam nuts.



TIE ROD ENDS



2017 LOCKOUT WASHER





New for September, 2017. The newly designed one piece lockout washer replaces the old style lockout washer and seal.

Use only on tie rod assembly