



Cognito Motorsports, Inc. Heavy Duty Front Sway Bar End Link Kit for 6&8 Lug GM Trucks and SUV's

Introduction

- Installation requires a qualified mechanic.
- Read instructions carefully and study the pictures (if included) before attempting installation.
- Check the parts and hardware packages against the parts list to assure that your kit is complete.
- Always wear safety glasses when using power tools.

Parts List

- (2) Sway bar end link, length will depend on application
- Hardware package #9095
 - (2) 5/8" flat washer
 - (2) 5/8" locknut
 - (2) 1/2-13x2-3/4" hex bolt
 - (4) 1/2" flat washer
 - (2) 1/2" locknut
 - (2) 7/16"-14x2-1/2" hex bolt
 - (4) 7/16" USS high strength flat washer
 - (2) clevis with stud, 1/2-13x2"
 - (4) polyurethane end link grommet 4802
 - (2) polyurethane hourglass bushing 2202
 - (2) 5022 crush sleeve, 3/4x.120x1-1/2"

Installation Instructions

1. Remove the existing sway bar end links.
2. Insert the stud end of the clevis through the original sway bar end link hole in the lower control arm. Fasten with a 5/8" flat washer and lock nut, but do not completely tighten at this time.
3. Clean the threaded holes of each end link out with brake cleaner, and then blow dry with compressed air. This is to ensure there are no obstructed threads and to clean any oil out so thread locker will be effective.
4. Use a drop of thread locker, not included, on each threaded bolt hole.
5. Lube with wd-40 and press each hour glass bushing into the loop on each sway bar end link. Then press the steel crush sleeve into the hour glass bushing.
6. Fasten the loop end of the sway bar end link into the clevis bracket with the 1/2" hardware provided.
7. Twist the clevis until the top side of the end link lines up close to the hole in the sway bar. Tighten the 5/8" lock nut on the bottom side of the control arm while securing the clevis from twisting during tightening. Fasten to 70 ft/lbs of torque.
8. There is one washer to fit in between each bushing and the bolt head, and also each bushing and the sway bar end link. The small end of the bushings will fit inside the hole on the sway bar. Bushings will sandwich the sway bar.
9. When tightening the bolts, do not over tighten. Only tighten the bolts until the bushings start to crush and expand. This will allow articulation of the joint. Over tightened bolts will lead to premature breakage of the bolts.
10. Now tighten the 1/2" hardware to 60 ft/lbs of torque.



Figure 1: Clevis in lower a-arm, don't tighten yet.



Figure 2: end link in place, clevis rotated so bushing relaxed, now tighten.

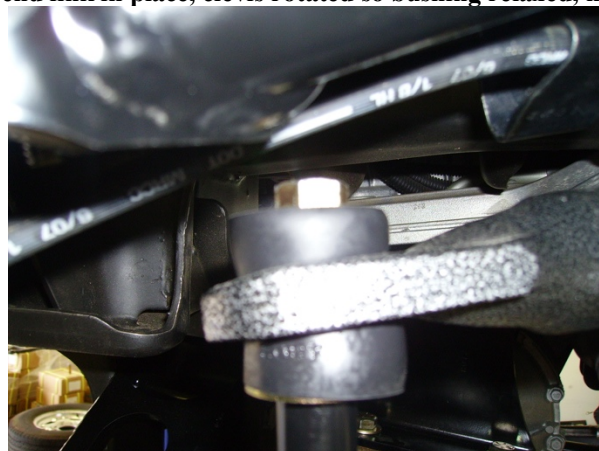


Figure 3: Bushings swell slightly when tightened properly. Don't over tighten.