



SYNERGY MFG. 870 INDUSTRIAL WAY, SAN LUIS OBISPO, CA (805) 242-0397

## 8007 - JK, 07-PRESENT, FRONT, STEERING STABILIZER RELOCATION BRACKET

Version 4

### **GENERAL NOTES:**

- These instructions are also available on our website; [www.synergymfg.com](http://www.synergymfg.com) Check the website before you begin for any updated instructions and additional photos for your reference.
- This steering stabilizer bracket will work with the Synergy Manufacturing track bar relocation bracket or no track bar relocation bracket at all. It may work on other manufactures track bar relocation brackets but you will be required to check fitment.
- This steering stabilizer bracket enables the use of the FOX-980-99-099-A-JK, FOX-982-02-889, FOX-982-24-941 steering stabilizer, Synergy Manufacturing 6001 steering stabilizer or the factory. Others most likely can be used but you will be required to check fitment.
- A minimum of 2" tall bumper stop spacers are required to prevent the steering stabilizer relocation bracket from contacting the frame when the suspension is at full bump. Most lift kits include and require a bump stop spacer this tall.
- 2011+ Jeeps will require the use of the 8003 Tie Rod Clamp. The factory clamp cannot be flipped; it will interfere with the differential cover.

### **PARTS LIST:**

- **8007 – JK, 07-PRESENT, FRONT, STEERING STABILIZER RELOCATION BRACKET**
  - (1) 800701 JK, 07-Present, Front, steering stabilizer relocation bracket
  - (2) 3/8-16 UNC x 1" long Gr8 hex head bolt
  - (2) 3/8-16 UNC Stover nut
  - (4) 3/8" flat washer
  - (1) 1/2-20 UNF x 2.5" long Gr8 hex head bolt
  - (1) 1/2-20 UNF Stover nut
  - (2) 1/2" flat washer

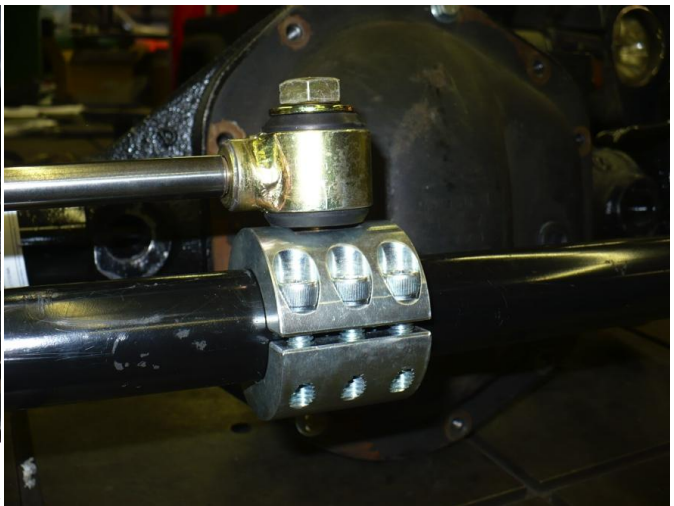
### **Parts / Tools Needed to complete installation:**

- Basic simple hand tools.

APPROXIMATE INSTALL TIME: 1 HOUR

## **INSTALLATION:**

1. Remove the factory steering stabilizer
2. Install the new steering stabilizer relocation bracket under the track bar mounting bolt on the factory axle bracket.
3. Attach the two additional 3/8 bolts to the factory track bar bracket. If you are not using this bracket with a track bar relocation bracket you will need to install the inner bolt with the bolt head on the inside of the bracket or omit it completely, depending on interference with the track bar.
4. Tighten the track bar bolt to 125 ft-lbs and the 3/8" bolts to 40 ft-lbs
5. Rotate the factory tie rod bracket to the top of the tie rod. Or install the Synergy Manufacturing 8003 Tie rod clamp. Do not tighten yet, you will need to position the tie rod bracket correctly side to side when the steering stabilizer is installed.
6. Install the steering stabilizer. Tighten the 1/2" bolt to 75 ft-lbs.
7. Position the tie rod clamp so you have full steering and full travel of the steering stabilizer. Torque the factory tie rod clamp u-bolt nuts to 20 ft-lbs and large nut to 50 ft lbs. If you are using the Synergy Manufacturing 8003 clamp, torque the socket head bolts to 20 ft-lbs and 1/2" bolt to 75 ft-lbs



Installation is Complete