



300 HUEY LENARD LOOP | WEST MONROE | LA 71292  
 OFFICE: 318-397-3000 | FAX: 318-397-3040  
 SERVICE & TECH SUPPORT: 800-551-4955  
 SUPERLIFT.COM

## 2023 FORD F450/F550 DUAL STEERING STABILIZER INSTALLATION INSTRUCTIONS



### INTRODUCTION

Installation requires a professional mechanic. Prior to beginning, inspect the steering sector-to-frame and all suspension-to-frame attaching points for stress cracks. The overall vehicle must be in excellent working condition; repair or replace all worn parts.

**Read instructions several times before starting. Be sure you have all needed parts and know where they install. Read each step completely as you go.**

### NOTES:

- Prior to beginning the installation, check all parts and hardware in the box with the parts list below. If you find a packaging error, contact Superlift directly. Do not contact the dealer where the system was originally purchased. You will need the control number from each box when calling; this number is located at the bottom of the part number label and to the right of the bar code.
- A foot-pound (unless noted) torque reading is given in parenthesis ( ) after each appropriate fastener.
- Prior to attaching components, be sure all mating surfaces are free of grit, grease, undercoating, etc.
- A factory service manual should be on hand for reference.

**PARTS LIST** ... The part number is stamped into each part or printed on an adhesive label. Identify each part and place the appropriate mounting hardware with it.

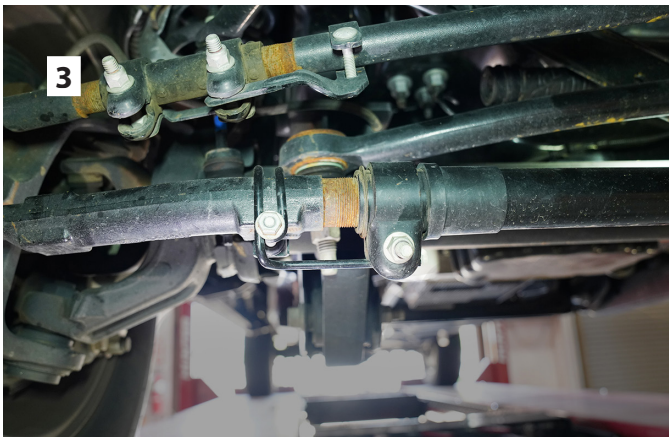
| KIT BOX BREAKDOWN               |             |   |
|---------------------------------|-------------|---|
| <b>Kit Part Number</b>          | 92760       |   |
| <b>Part Number</b>              | <b>Qty.</b> | <b>Part Description</b>                         |
| 55-01-92760                     | 1           | Center Axle Bracket                             |
| 55-02-92760                     | 1           | Tie Rod Lower Mount, Driver                     |
| 55-03-92760                     | 1           | Tie Rod Upper Mount, Driver                     |
| 55-04-92760                     | 1           | Tie Rod Lower Mount, Passenger                  |
| 55-05-92760                     | 1           | Tie Rod Upper Mount, Passenger                  |
| 55-06-92760                     | 2           | Tie Rod Guide - Large                           |
| 55-07-92760                     | 1           | Center Axle Bracket Brace                       |
| 55-08-92760                     | 2           | Tie Rod Guide - Small                           |
| 567 00 319-5                    | 2           | Stabilizer Cylinder                             |
| 77-92760                        | 1           | Hardware Bag                                    |
| <b>Kit Part Number 77-92760</b> |             |   |
| <b>Part Number</b>              | <b>Qty.</b> | <b>Part Description</b>                         |
| 12C5NN                          | 4           | 1/2" Nyloc Nut, Coarse Thread                   |
| 12SW                            | 8           | 1/2" SAE Washer                                 |
| 12X3C8CS                        | 4           | 1/2" X 3" Bolt, Coarse Thread, Grade 8          |
| 38C5FN                          | 14          | 3/8" Flange Nut, Coarse Thread                  |
| 38X1C5CB                        | 4           | 3/8" x 1" Carriage Bolt, Coarse Thread, Grade 5 |
| 38X3C5CB                        | 8           | 3/8" x 3" Carriage Bolt, Coarse Thread, Grade 5 |
| 38X1C5CS                        | 3           | 3/8" x 1" Bolt, Coarse Thread, Grade 8          |
| 38SW                            | 3           | 3/8" SAE Washer                                 |
| 10002                           | 1           | 3/8" x 3-13/16" x 5-1/2" Ubolt, Coarse Thread   |

| STEP | PART NUMBER  | QTY.<br>PER KIT | DESCRIPTION                    | NEW ATTACHING HARDWARE   | QTY. PER<br>BRACKET | HARDWARE<br>BAG NUMBER |
|------|--------------|-----------------|--------------------------------|--|---------------------|------------------------|
| 4    | 55-01-92760  | 1               | Center Axle Bracket            | 3/8" x 1" Bolt, Coarse Thread, Grade 8<br>3/8" SAE Washer<br>10002 - 3/8" x 3-13/16" x 5-1/2" Ubolt, Coarse Thread<br>3/8" Flange Nut, Coarse Thread | 3<br>3<br>1<br>2    | 77-92760               |
| 6    | 55-02-92760  | 1               | Tie Rod Lower Mount, Driver    | 3/8 x 3" Carriage Bolt, Coarse Thread, Grade 5<br>3/8" Flange Nut, Coarse Thread   | 4<br>4              | 77-92760               |
| 6    | 55-04-92760  | 1               | Tie Rod Lower Mount, Passenger | 3/8 x 3" Carriage Bolt, Coarse Thread, Grade 5<br>3/8" Flange Nut, Coarse Thread   | 4<br>4              | 77-92760               |
| 6    | 55-06-92760  | 1               | Tie Rod "U" Large              |  |                     |                        |
| 6    | 55-08-92760  | 1               | Tie Rod "U" Small              |  |                     |                        |
| 7    | 55-03-92760  | 1               | Tie Rod Upper Mount, Driver    |  |                     |                        |
| 7    | 55-05-92760  | 1               | Tie Rod Upper Mount, Passenger |  |                     |                        |
| 8    | 55-07-92760  | 1               | Center Axle Top Bracket        | 3/8" x 1" Carriage Bolt, Coarse Thread, Grade 5<br>3/8" Flange Nut, Coarse Thread  | 4<br>4              | 77-92760               |
| 9    | 567 00 319-5 | 2               | RADFLO Stabilizer Cylinder     | 1/2" X 3" Bolt, Coarse Thread, Grade 8<br>1/2" Nyloc Nut, Coarse Thread<br>1/2" SAE Washer   | 2<br>2<br>4         | 77-92760               |

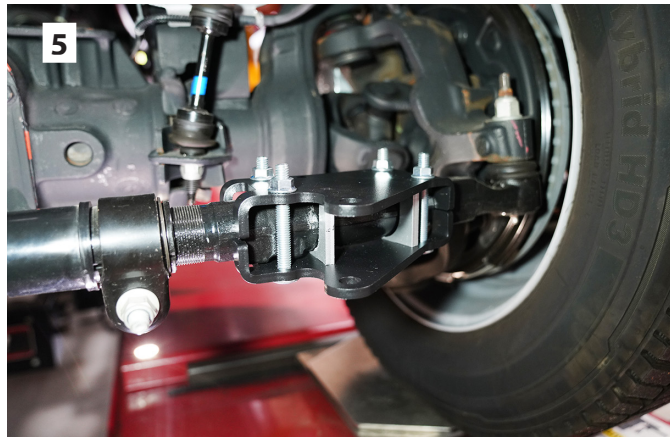
## **INSTALLATION**

**NOTE:** Save all factory components and hardware for reuse, unless noted.

1. Make sure the tires are pointed straight forward. Place the transmission in park and chock the tires.
2. The factory steering stabilizer cylinder can be retained if more dampening is desired, otherwise, remove the factory steering stabilizer cylinder and discard.
3. [Illustration 1] Remove the three bolts located on the inside most side of the differential, often these bolts are retaining the axle tag.
4. [Illustration 2] Install the new center axle bracket (55-01-92760) onto the axle and secure to the differential using the supplied 3/8" bolts and washers. Install the supplied 3/8" ubolt around the axle tube and secure to the bracket using the supplied 3/8" flange nuts; tighten.



5. [Illustration 3] On the outer tie rod ends locate the bolt holding the wire retainer and remove both from the tie rod.
6. [Illustration 4] Locate the new tie rod lower mount (55-02-92760 driver, 55-04-92760 passenger) and the small and large "U" plates (55-06-92760 large, 55-08-92760 small). Place one small "U" plate in the slot on the outside of the lower plate, then place one large "U" plate in the slot on the inside of the lower plate.
7. [Illustration 5] Position the assembly onto the bottom of the tie rod and place the new tie rod upper mount (55-03-92760 driver, 55-05-92760 passenger) on top of the tie rod and loosely secure the assembly using the supplied 3/8" x 3" carriage bolts and the supplied flange nuts. Note, the lower bracket should be placed to the inside of the "square" boss' on the outer tie rod end.



8. [Illustration 6] Install the new center axle brace (55-07-92760) on the top of the center axle bracket and secure using the supplied 3/8" x 1" carriage bolts and supplied flange nuts; do not tighten.



9. Loosen the tie rod clamps at the end of the tie rod and rotate the bottom of the clamp slightly rearward to allow clearance for the stabilizer cylinders.
10. [Illustration 7] Install the new steering stabilizer cylinders with the body mounted to the axle bracket and the shaft ends mounted to the tie rod brackets using the supplied 1/2" hardware; tighten. (80)
11. Tighten the hardware for the tie rod brackets to (35), then move the center axle bracket and tighten the brace to the center axle bracket. (35)
12. Have an assistant cycle the steering lock to lock as you observe the operation of the steering stabilizers. Verify the steering operates smoothly and the stabilizers do not "bottom out," preventing the steering from operating through its full cycle. If either one of the stabilizers bottoms out, it may be necessary to adjust the position of the tie rod bracket until the necessary clearance is achieved.
13. Also during the steering cycle, check clearance between the stabilizer bodies and the rest of the steering components, in particular the tie rod clamp. Check to make sure all steering components are operating properly without any binding. Double-check all fasteners for proper tightness and adequate clearance.

## Limited Lifetime Warranty

Your Superlift® product is covered by the Limited Warranty explained below that gives you specific legal rights. This limited warranty is the only warranty Superlift® makes in connection with your product purchase. Superlift® neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or limited warranty.

**What is covered?** Subject to the terms below, Superlift® will repair or replace its products found defective in materials or workmanship for so long as the original purchaser owns the vehicle on which the product was originally installed. Your warrantor is LKI Enterprises, Inc. d/b/a Superlift® Suspension Systems (“Superlift®”).

**What is not covered?** Your Superlift® Limited Warranty does not cover products, parts or vehicles Superlift® determines to have been damaged by or subjected to:

- Alteration, modification or failure to maintain.
- Normal wear and tear (bushings, tie-rod ends, etc.). Scratches or defects in product finishes (powdercoating, plating, etc.),
- Damage to or resulting from vehicle’s electronic stability system, related components or other vehicle systems.
- Racing or other vehicle competitions or contests. Accidents, impact by rocks, trees, obstacles or other aspects of the environment.
- Theft, vandalism or other intentional damage.

**Remedy Limited to Repair / Replacement.** The exclusive remedy provided hereunder shall, upon Superlift’s inspection and at Superlift’s option, be either repair or replacement of product or parts covered under this Limited Warranty. Customers requesting warranty consideration should contact Superlift® by phone (1-800-551-4955) to obtain a Returned Goods Authorization number. All removal, shipping and installation costs are customer’s responsibility.

If a replacement part is needed before the Superlift® part in question can be returned, you must first purchase the replacement part. Then, if the part in question is deemed warrantable, you will be credited / refunded.

### **Other Limitations - Exclusion of Damages - Your Rights Under State Law**

- Neither Superlift® nor your independent Superlift® dealer are responsible for any time loss, rental costs, or for any incidental, consequential or other damages you may have.
- This Limited Warranty gives you specific rights. You may also have other rights that vary from state to state. For example, while all implied warranties are disclaimed herein, any implied warranty required by law is limited to the terms of our Limited Lifetime Warranty as described above. Some states do not allow limitations of how long an implied warranty lasts and / or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you.

### **Important Product Use and Safety Information / Warnings**

As a general rule, the taller a vehicle is, the easier it will roll over. Offset, as much as possible, what is lost in rollover resistance by increasing tire track width. In other words, go “wide” as you go “tall”. Many sportsmen remove their mud tires after hunting season and install ones more appropriate for street driving; always use as wide a tire and wheel combination as feasible to enhance vehicle stability. We strongly recommend, because of rollover possibility, that the vehicle be equipped with a functional roll bar and cage system. Seat belts and shoulder harnesses should be worn at all times.

Avoid situations where a side rollover may occur.

Generally, braking performance and capabilities are decreased when significantly larger / heavier tires and wheels are used. Take this into consideration while driving. Also, changing axle gear ratios or using tires that are taller or shorter than factory height will cause an erroneous speedometer reading. On vehicles equipped with an electronic speedometer, the speed signal impacts other important functions as well. Speedometer recalibration for both mechanical and electronic types is highly recommended.

Do not add, alter, or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the Superlift® product purchased. Mixing component brands is not recommended.

### **SUPERLIFT SUSPENSION**

300 Huey Lenard Loop Rd.  
West Monroe, Louisiana 71292  
Phone: (318) 397-3000  
Sales / Tech: (800) 551-4955  
Fax: (318) 397-3040  
[www.superlift.com](http://www.superlift.com)