# Rough Country 8749130 Installation Instructions

N3 Steering Stabilizer for 2-8 in of Suspension Lift

Part number: 8749130

trailfortress.com/rough-country-n3-steering-stabilizer-8749130

Scan for fitment, price and install help

82268A

# FORD 2005-25 F-250 Dual Stabilizer

**Thank you for choosing Rough Country for all your vehicle needs.**

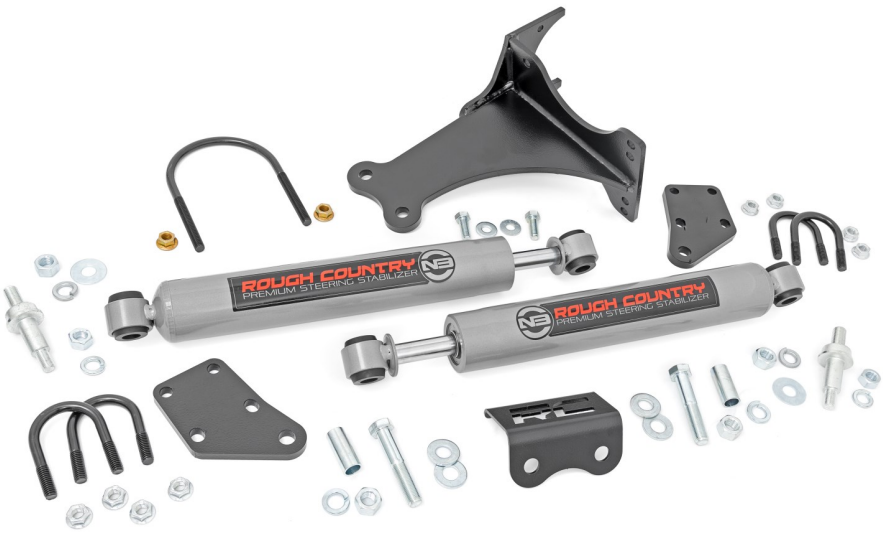
Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

**Kit Contents:**

Center Mounting Bracket x1
Center Cylinder Cover x1
Outer Mounting Brackets x2
Cylinders x2

**Tools Needed:**

13mm Wrench or Socket
9/16” Wrench or Socket
11/16” Wrench or Socket
3/4” Wrench or Socket




**Hardware Included:**

87492BAG1
3/8” U-bolts x4
1/2-20 x 2.75 Hex Bolt x2
1/2” Lock Washer x2
1/2-20 Hex Nut x2
1/2” Flat Washer x4
3/8-24 Flange Lock Nut x2
3/8-16 x 1 Hex head Bolt x2 ***Use for 2005-22***
3/8-16 Flange Lock Nut x8
3/8 x 3 3/4 x 5 1/2” U-bolt x1

8mm-1.25 x 25 Hex Head Bolt x2
5/16” Flat Washer X2 ***Use for 2023-Up***

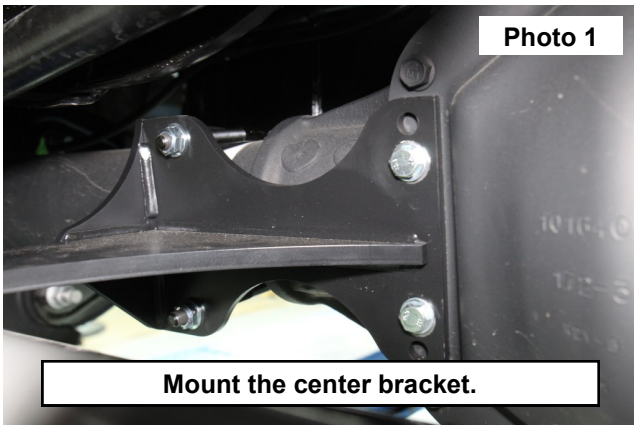
81006 Bag x2
- Stabilizer Pin x1
- 7/16” Lock Washer x1
- 7/16” Flat Washer x1
- 1/2” Lock Washer x1
- 7/16-20 Hex Nut x1
- 1/2-20 Hex Nut x1

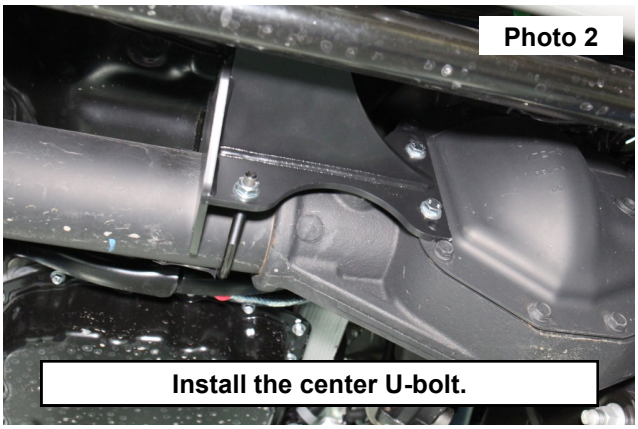
**Torque Specs:**

| Size | Grade 5 | Grade 8 | Size | Class 8.8 | Class 10.9 |
|---|---|---|---|---|---|
| 5/16” | 15 ft/lbs | 20ft/lbs | 6MM | 5ft/lbs | 9ft/lbs |
| 3/8” | 30 ft/lbs | 35ft/lbs | 8MM | 18ft/lbs | 23ft/lbs |
| 7/16” | 45 ft/lbs | 60ft/lbs | 10MM | 32ft/lbs | 45ft/lbs |
| 1/2” | 65 ft/lbs | 90ft/lbs | 12MM | 55ft/lbs | 75ft/lbs |
| 9/16” | 95 ft/lbs | 130ft/lbs | 14MM | 85ft/lbs | 120ft/lbs |
| 5/8” | 135ft/lbs | 175ft/lbs | 16MM | 130ft/lbs | 165ft/lbs |
| 3/4” | 185ft/lbs | 280ft/lbs | 18MM | 170ft/lbs | 240ft/lbs |

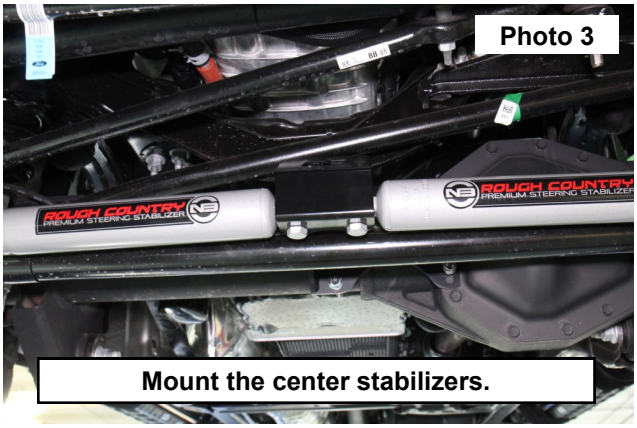
## INSTALLATION INSTRUCTIONS

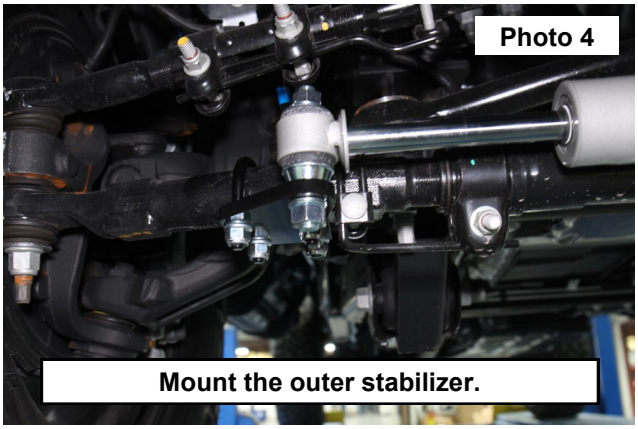
1. Remove the (2) right side bolts from the front diff cover
2. Install the center mounting bracket for the dual stabilizer. ***For 2005-22*** use (2) of the supplied 3/8-16 x 1” Hex head bolts and (2) of the supplied 3/8” flat washers in the outer most holes in the stabilizer bracket. ***For 2023*** use (2) of the supplied 8mm-1.25 x 25 Hex Head Bolt and 5/16” flat washers and the inner most holes in the stabilizer bracket. **See Photo 1.**
3. Place the supplied 3/8 x 3 3/4 x 5 1/2” U-bolt around the axle and through the bracket. Secure using (2) of the supplied 3/8” flange lock nuts. **See Photo 2.**
4. Tighten the stabilizer bracket U-bolt using a 9/16 socket. Tighten the 3/8” bolts using a 9/16” socket or the 8mm bolts using a 13mm socket.




5. Place the stabilizers onto the bottom of the center bracket. Place (2) of the supplied 1/2-20 x 2.75 Hex Bolts through the (1) center cover plate and each of the stabilizers. Secure using (2) of the supplied 1/2-20 lock nuts. Tighten use 3/4” wrenches to tighten. **See Photo 3.**
6. Place the outer stabilizer bracket on the bottom of the steering cross bar (Right side shown). The mounting bracket will be placed with the stabilizer mounting hole to the inside of the vehicle. Secure the bracket to the cross bar using (2) of the supplied 3/8 U-Bolts with (4) 3/8 flange nuts. **See Photo 4.**
7. Install the pin kit along with the stabilizer to the mounting bracket use a 7/16-20 hex nut and flat washer on the top and the 1/2-20 hex nut and flat washer on the bottom of the pin. Tighten using a 3/4 on the bottom and 5/8” wrench on the top. Level the mounting bracket and tighten the U-bolts using a 9/16 socket.



8. Place the outer stabilizer bracket on the bottom of the steering cross bar (Left side shown). The mounting bracket will be placed with the stabilizer mounting hole to the inside of the vehicle. Secure the bracket to the cross bar using (2) of the supplied 3/8 U-Bolts with (4) 3/8 flange nuts. **See Photo 5.**
9. Install the pin kit along with the stabilizer to the mounting bracket use a 7/16-20 hex nut and flat washer on the top and the 1/2-20 hex nut and flat washer on the bottom of the pin. Tighten using a 3/4 on the bottom and 5/8" wrench on the top. Level the mounting bracket and tighten the U-bolts using a 9/16 socket.
10. Cycle the steering to make sure it works freely and does not come in contact with any moving parts. **See Photo 6.**

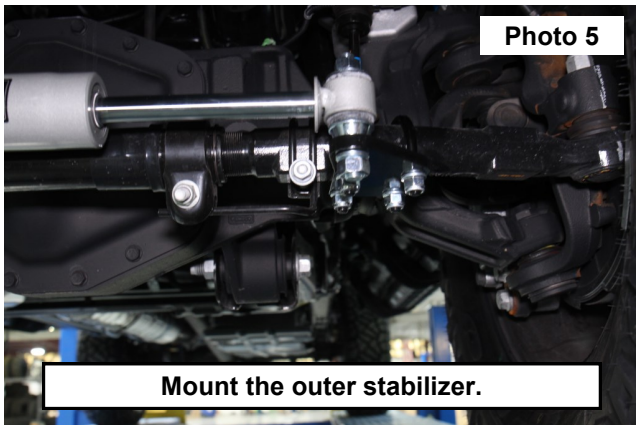


**Photo 5**

**Mount the outer stabilizer.**

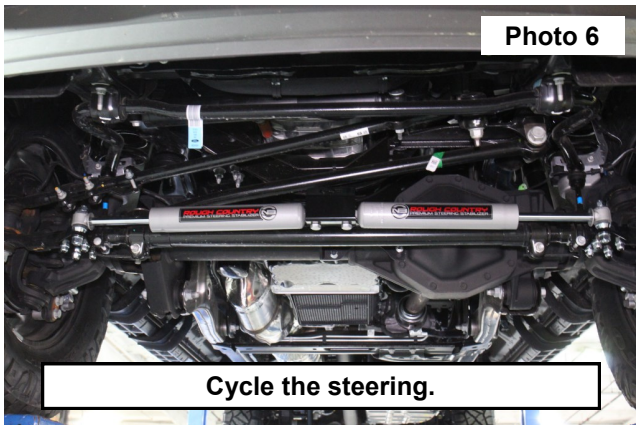


**Photo 6**

**Cycle the steering.**

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