



ZONF8002 Installation Instructions 2005-2023 Ford F250/350 4wd Dual Steering Stabilizer Kit (for 2"+ lift kits)

Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

» PRODUCT SAFETY WARNING

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Zone Offroad Products does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

» TECHNICAL SUPPORT

www.zoneoffroad.com may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to tech-zone@ridefox.com detailing your issue for a quick response.

888.998.ZONE Call to speak directly with Zone tech support.

Difficulty Level

easy 1 (2) 3 4 5 difficult

Estimated installation: 1 hour

Special Tools Required

None

» PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

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Kit Contents

Qty	Part
1	Center Stabilizer Bracket
2	Outer Tie Rod End Brackets
4	1/4" Outer Cylinder Spacers
4	5/16" x 1-1/2" ID x 2-1/4" Round U-bolt
2	7/16" x 4-1/4" ID x 4-3/4" Round U-bolt
1	342 Bolt Pack
4	7/16"-20 Nylock Nut, Clear Zinc
4	3/8" USS Washer, Clear Zinc
8	5/16"-18 Nylock Nut, Clear Zinc
8	5/16" SAE Washer, Clear Zinc
4	1/2"-13 x 2-1/2" Bolt, Grade 5, Clear Zinc
4	1/2"-13 Prevailing Torque Nut, Clear Zinc
8	7/16" USS Washer, Clear Zinc
2	3/8"-16 x 3" Bolt, Grade 5, Clear Zinc
4	3/8" SAE Washer, Clear Zinc
2	3/8"-16 Prevailing Torque Nut, Clear Zinc

Important Kit Notes

1. For use with 2" and larger suspension lifts kits along with a minimum of 1.5" bump stop extension.

Installation Instructions

1. Park vehicle on clean, flat, and level surface.
2. Block rear wheels for safety.
3. Install the center bracket with 7/16" U-bolts and 7/16" nuts with 3/8" USS washers as shown in the **Figure 1**. Rotate the bracket so there is 1/4" gap between the tie rod and the bottom of the bracket **Figure 2**. Tighten U-bolt hardware to 45 ft-lbs.

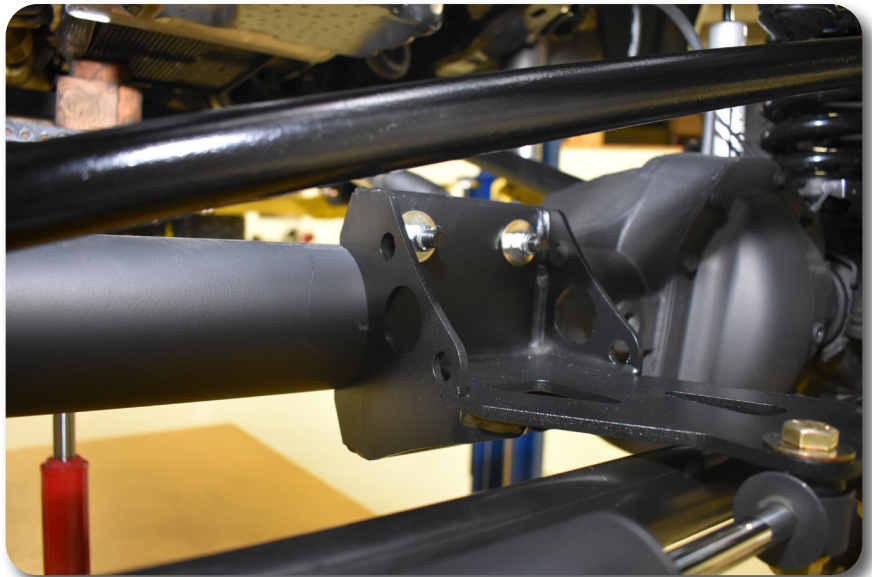


Figure 1



Figure 2

4. Remove the anti-rotation brackets from the tie rod ends (both sides), it will not be reinstalled.
5. Install the outer tie rod end brackets on the flats of the tie rod ends with 5/16" U-bolts and 5/16" hardware. The brackets have stoppers on them that will align with the edge of the square on the tie rod end **Figure 3**



Figure 3

6. Measure from the center bracket hole where the stabilizer mounts to the hole in the outer tie rod end bracket where the stabilizer mounts. This length should be close to 19-1/2" on Fox Adventure Series Stabilizers and 19-1/8" on Black Body Zone Stabilizers. Tighten to 20 ft-lbs. **Figure 4**



Figure 4

7. Remove the factory adjusting collar bolt and replace with new 3/8" hardware. Run the bolt from front to rear. Make sure the tie rod ends joints are centered. Tighten to 35 ft-lbs. Figure 5



Figure 5

8. Grease and install the bushings and sleeves into the stabilizers. Attach the stabilizer to the bottom side of the center bracket with 1/2" x 2-1/2" hardware and 7/16" USS washers and sandwiching the 1/4" spacer between the stabilizer and bracket as shown in Figure 6.

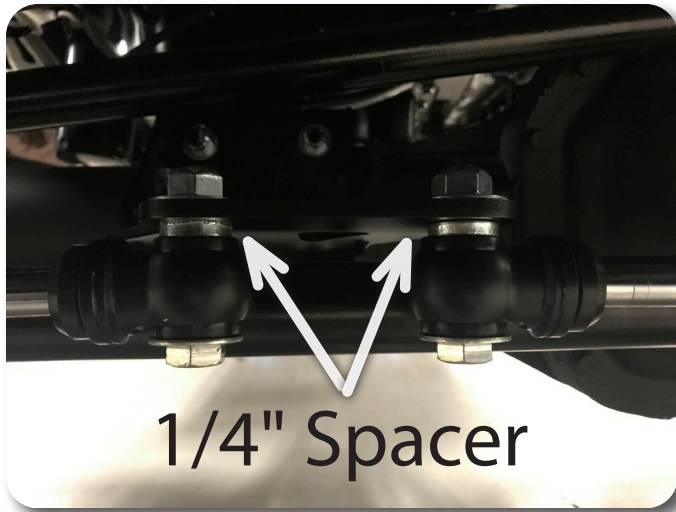


Figure 6

9. Attach the stabilizer on top of the outer brackets with 1/4" spacers and 1/2 x 2-1/2" hardware. Run hardware from top – down. Figure 7

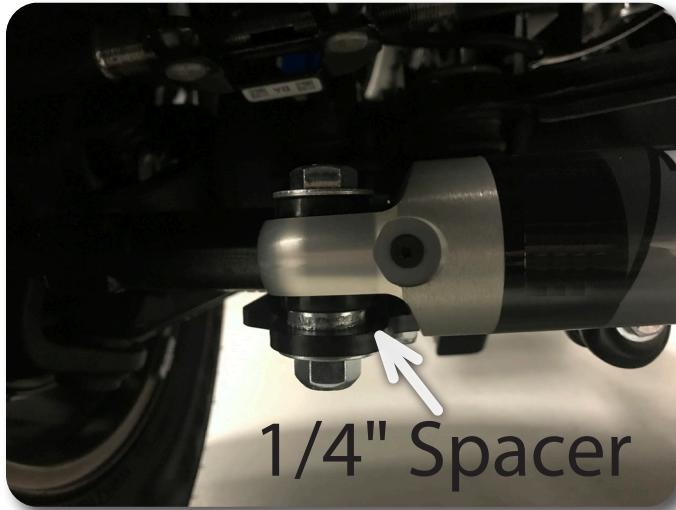


Figure 7

10. Tighten 1/2" stabilizer hardware to 50 ft-lbs
11. Perform a steering sweep to check for adequate compression and extension of stabilizer cylinders. Adjust outer stabilizer mounts as necessary.
12. Recheck all fasteners for proper torque.
13. Check hardware again after 500 miles.