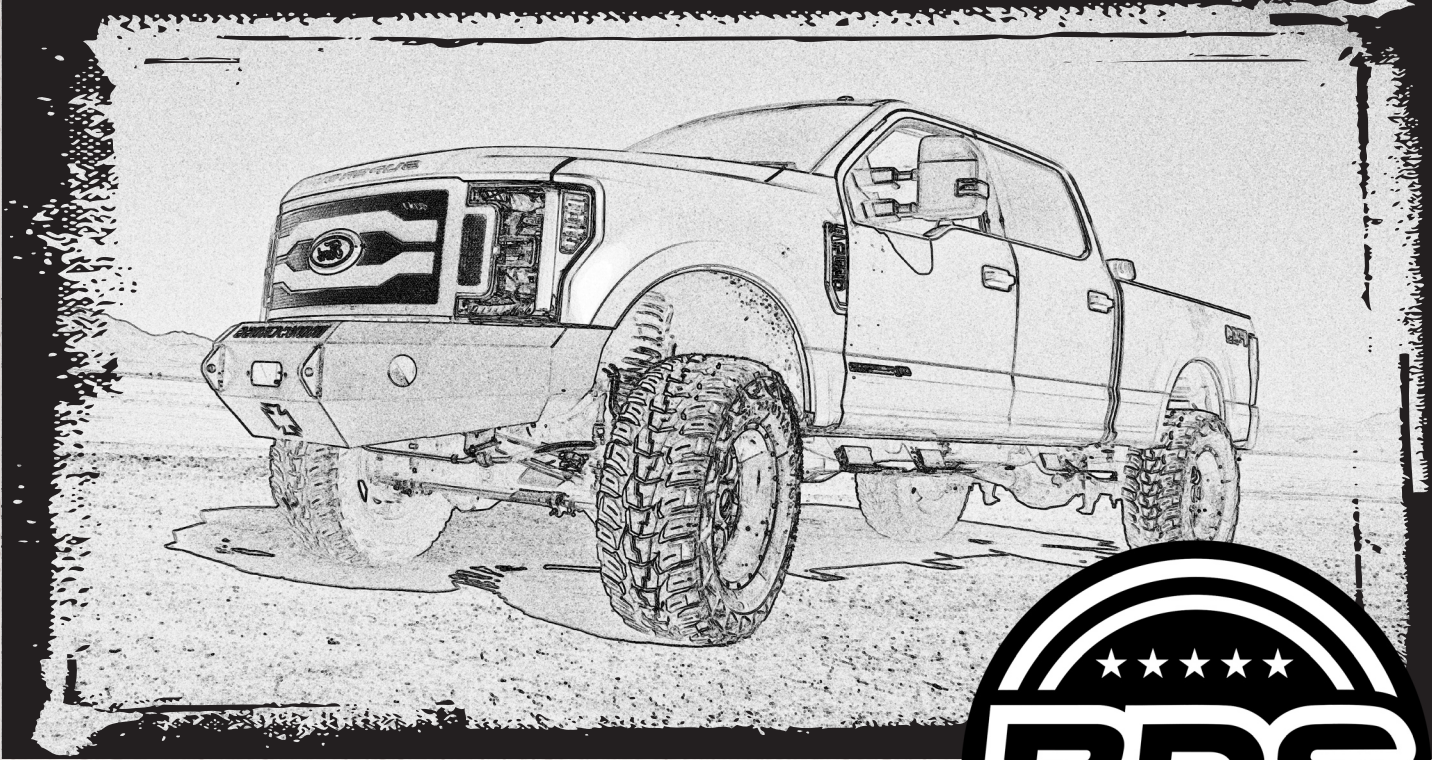


INSTALLATION GUIDE



Part#: FOX98602900



HARDCORE LIMITED LIFETIME WARRANTY

FOX ATS STABILIZER FOR BDS 4-6" & 8" LIFT

Ford F-250 / F-350 4WD | 2017-2024

Rev. 092024

491 W. Garfield Ave., Coldwater, MI 49036 • Phone: 517-279-2135

E-mail: tech-bds@ridefox.com

Read And Understand All Instructions And Warnings Prior To Installation Of System And Operation Of Vehicle.



THANK YOU

Your truck is about to be fitted with the best suspension system on the market today. That means you will be driving the baddest looking truck in the neighborhood, and you'll have the warranty to ensure that it stays that way for years to come.

Thank you for choosing BDS Suspension!

BEFORE YOU START

BDS Suspension Co. 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.

FOR YOUR SAFETY

Certain BDS 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. BDS Suspension Co. 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.

BEFORE INSTALLATION

- Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
- Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
- 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.
- 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.
- Secure and properly block vehicle prior to installation of BDS Suspension components. Always wear safety glasses when using power tools.
- If installation is to be performed without a hoist, BDS Suspension Co. recommends rear alterations first.
- 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.



Visit 560plus.com for more information.

BEFORE YOU DRIVE

Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.

Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.

Perform head light check and adjustment.

Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

CONTENTS OF YOUR KIT

| FOX98602900 Box Kit | | |
|---------------------|-----|--|
| Part # | Qty | Description |
| 983-02-143 | 1 | 2017+ Ford Superduty ATS Stabilizer Assembly (Fox) |
| 05423 | 1 | 2017+ Ford Superduty ATS Clamp |
| W12S | 1 | 12mm Washer |
| N12MM | 1 | 12mm-1.75 Prevailing Torque Nut |

TROUBLESHOOTING INFORMATION FOR YOUR VEHICLE

1. Works ONLY in conjunction with BDS 4-6" and 8" track bar bracket kits. Will not work with kits that do not have the BDS track bar bracket.
2. Will not work with aftermarket track bars including the BDS track bar. Works with OE track bars ONLY.
3. May not work with aftermarket drag links. Drag link diameter must match OE.

**TECH
TIPS**

INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS

1. Park vehicle on clean, flat, and level surface. Block rear wheels for safety. Center the steering wheel so wheels are straight ahead.
2. Remove the stock steering stabilizer at this time.
3. Install eyelet end of stabilizer with the 12mm hardware to the stabilizer mount location on the track bar bracket. Ensure the adjuster screw is pointed towards the ground. Torque bolt to 60 ft-lb

SPECIAL TOOLS

Tape Measure and general hand tools.

FIGURE 1



4. Turn the vehicle's wheels completely to the right so it rests against the steering stops. Fully extend the stabilizer so an 1/8" of shaft is exposed beyond the body. An exaggerated length is shown below beyond the body. This length should be 1/8".

Note: Turning the adjuster screw on the eyelet fully counter clockwise will make compression of the stabilizer easier

FIGURE 2



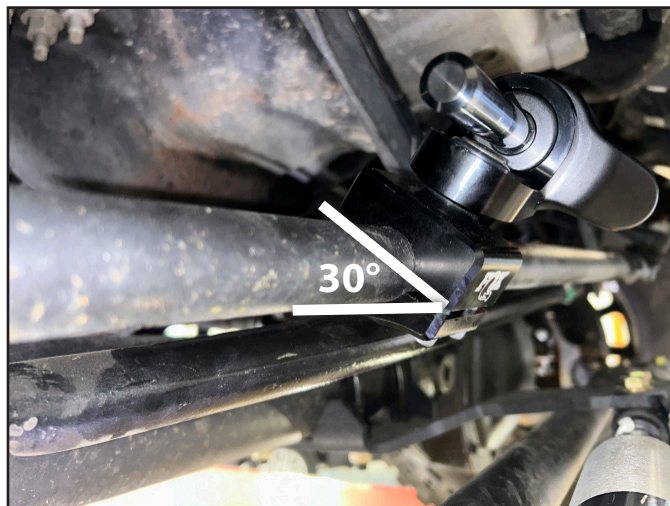
5. Loosely mount stabilizer to drag link with the tie rod clamp and screws with thread locker applied. It should look as shown in figure 3.

FIGURE 3



6. The tie rod clamp should be installed with a 30 degree angle to horizontal.

FIGURE 4



7. Orient the stabilizer to avoid interference with any parts of the vehicle (suspension, driveline, engine, etc.) through the entire range of steering and suspension travel.
8. If interference issues exist and cannot be resolved by rotating the tie rod clamp, rotate the stabilizer reservoir. Loosen pinch bolt on L-bracket between stabilizer clamp to rotate reservoir. Torque the pinch bolt to 12 lb-ft
9. With the wheels turned fully to the right and 1/8" of shaft exposed on the stabilizer, torque the 4 tie rod clamp screws to 12 lb-ft

CHECK AND FINAL DETAILS

10. Check that the vehicle steers completely in both directions and is limited by the steering stops, not the stabilizer.
11. Place vehicle on the ground and check that the steering stabilizer does not interfere with anything (suspension, driveline, engine, etc.) through entire range of steering and suspension travel.
12. Recheck hardware for proper torque after 500 miles.



WE WANT TO SEE YOUR RIDE!

Grab photos of your BDS-equipped truck in action and send them in for a chance to be featured. Send it in to our Bad Ass Rides customer gallery at bds-suspension.com/bar and post them on the BDS Fan Page on Facebook at facebook.com/BDSSuspensions. Don't forget about your BDS swag! BDS offers t-shirts, hoodies, decals and more available on the BDS website or through your local BDS distributor.

TIME TO HAVE SOME FUN

Thank you for choosing BDS Suspension.

For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.