



Part#: **55309, 55368**

Product: **Single Steering Stabilizer**

Application: **2005-2012 Ford Super Duty 4wd**

READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

SAFETY WARNING 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.

PRODUCT SAFETY WARNING 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.

PRE-INSTALLATION NOTES

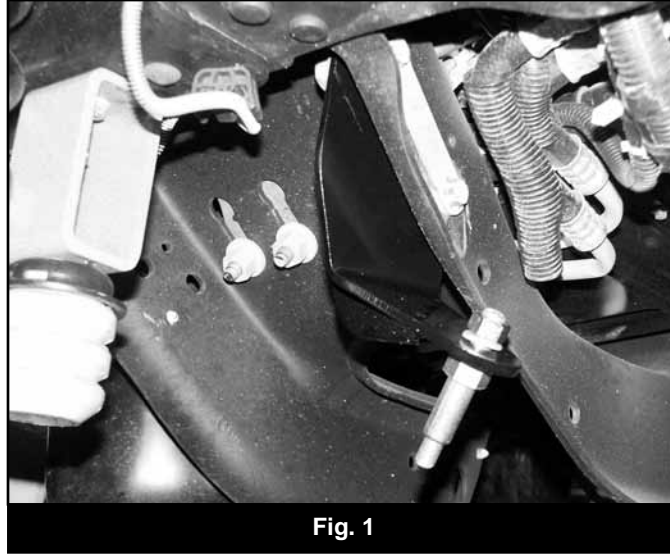
1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/ reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire 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 BDS Suspension components. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, BDS Suspension Co. 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.

POST-INSTALLATION WARNINGS

1. 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.
2. 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.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Disconnect the OE stabilizer from the drag link. Remove the nut from the tapered mounting stud and dislodge the stud from the drag link using a pickle fork or other appropriate puller.
3. 2005-2010 models: Disconnect the OE stabilizer mounting bracket from the frame. Retain the OE bolt tab and nuts.
4. 2011-2012 models: Disconnect the stabilizer from the frame bracket. The factory bracket can be removed or remain on the frame.
5. Install the new stabilizer frame bracket to the back side of the frame crossmember using the original mounting holes. Fasten the bracket with the OE bolt tab and nuts mounted from the front to back (see Fig. 1). For 2011 models, the frame holes are the same as earlier models. Use the provided 1/2" hardware to mount the bracket to the frame. Torque hardware to 55 ft-lbs.



6. Install the provided tapered stud in the drag link and torque to 55 ft-lbs.
7. Install the provided shock stud in the new frame bracket. The stud must point down if a dropped pitman arm is being used (see Fig. 1) and must point up if the OE pitman arm is being used. Torque stud to 50 ft-lbs.
8. Lightly grease and install the provided shock bushings in each end of the stabilizer cylinder. Lightly grease the ID of the bushings and install the stabilizer on the two new mounting studs so that the body end of the cylinder is attached to the frame mount.
9. Fasten the stabilizer to the mounting studs with the provided hardware and torque to 50 ft-lbs.
10. Check all hardware for proper torque.
11. Do a steering sweep to check for proper clearance and function of all components.
12. Check hardware after 500 miles.