



#3400, 7400 Installation Instructions 84-01 XJ, 97-06 TJ, 93-98 ZJ Single Steering Stabilizer

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.

Difficulty Level

easy ① 2 3 4 5 difficult

Estimated installation: 30 mins

Special Tools Required

Small Pickle Fork (optional)

» TECHNICAL SUPPORT

Live Chat provides instant communication with Zone tech support. Anyone can access live chat through a link on www.zoneoffroad.com.

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

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

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

» 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	Stabilizer Cylinder
2	Hourglass Bushing
1	0.625 x 0.075 x 1.375 Sleeve
1	Tapered Stud Pack

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Check all steering components for proper working order. This stabilizer kit is designed to work as a heavy-duty replacement for the factory component. It should not be used as a "fix" for other steering system issues. If a worn out steering component is found Zone Offroad Products HIGHLY recommends replacing the faulty part immediately.
3. Locate the factory stabilizer mount stud on the steering drag link. Remove the cotter pin and castellated nut from the stud. These will not be reused.
4. The mounting stud is tapered and therefore seated in the drag link. This taper can be dislodge in several ways.
 - A pickle fork can be used to wedge between the stabilizer and the drag link.
 - Strike the drag link near the mounting stud to dislodge the taper
 - Strike the threaded end of the stud upward
 - Using a wrench on the hex portion of the stabilizer stud
 - Any combination of the above
5. Disconnect the stabilizer from the passenger's side front axle mount. Remove the mounting bolt and remove the cylinder from the vehicle. Save the axle mount hardware.
6. Locate the new stabilizer cylinder and (2) hourglass bushings. Install the bushings in the eyes of the cylinder. This can be done in a bench vise or with a rubber mallet. Applying a small amount of grease to the bushings will ease installation.
7. Locate the provided 0.625 x 0.075 x 1.375 steel sleeve. Insert the sleeve into the bushing at the BODY end of the stabilizer cylinder.
8. Install the BODY end of the new cylinder in the factory stabilizer axle mount. Fasten with the original bolt and nut. Run the bolt from front to rear and tighten securely (approximately 60 ft-lbs).
9. Locate the provided tapered stud pack. This pack contains a tapered cylinder mount stud, (2) nuts, (2) washers and a cotter pin. Install the tapered end of the new stud into the tapered hole in the drag link. Fasten the stud with the new castellated nut and tighten securely (approximately 50 ft-lbs). Line the slots in the nut with the hole in the end of the stud and install the cotter pin, bending it over to secure it in place. Do not loosen the nut to align the cotter pin hole, only tighten.
10. Install the large ID washer on the stabilizer stud followed by the ROD end of the stabilizer. Fasten the stabilizer to the stud with the remaining washer and nut. Tighten the nut securely (approximately 40 ft-lbs).
11. Check all hardware for proper torque.
12. Attach "ZONE" sticker to the cylinder body.