



#3401, 7401 Installation Instructions 1999-2004 Jeep Grand Cherokee WJ 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.

» 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.

Difficulty Level

easy ① 2 3 4 5 difficult

Estimated installation: 30 mins

Special Tools Required

Rotary Grinding Tool *OR*

Round Metal File

Kit Contents

Qty	Part
1	Stabilizer Cylinder
2	Hourglass Bushing
2	0.625 x 0.075 x 1.375 Sleeve
1	Bolt Pack

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Locate the factory stabilizer and disconnect it from the axle mount and passenger's side tie rod mount. **Figure 1** Save axle mount hardware and discard the rest.



Figure 1

3. The cylinder mounting clamp on the tie rod has square mounting holes. The square edges of the holes need to be ground slightly to allow the provided 7/16" bolt to fit. **Figure 2** Grind the flats with a rotary grinding tool (like a Dremal or air powered die grinder) or round metal file. Check for bolt fitment periodically. Only a small amount of material needs to be removed from the sides of the square holes.

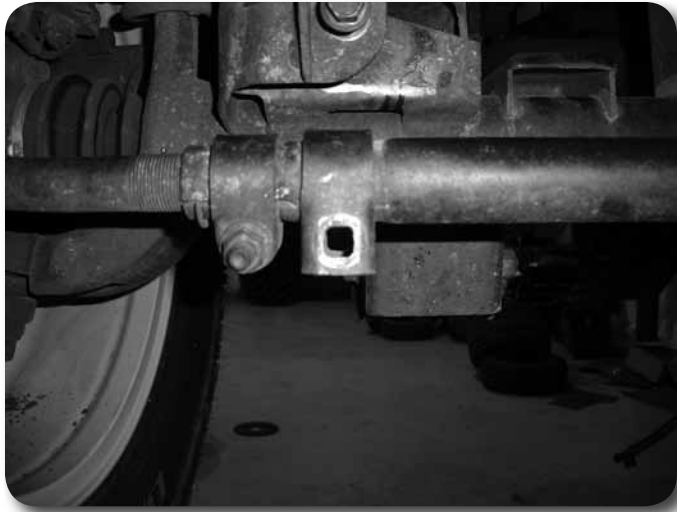


Figure 2

4. Install the provided hourglass bushings and steel sleeves into each end of the new stabilizer cylinder.
5. Install the BODY end of the stabilizer in the factory axle mount with the original hardware. Torque bolt to approximately 65 ft-lbs.
6. Install the ROD end of the cylinder to the backside of the modified factory tie rod clamp with a new 7/16" x 4" bolt, nut and washers. Place the smaller SAE washer on the bolt and run the bolt through the clamp and into the cylinder on the back side. Fasten with the larger USS washer and nut. Torque bolt to approximately 50 ft-lbs.
7. Install the provided 'Zone' sticker on the cylinder body. **Figure 3**
8. Check all hardware for proper torque.
9. Check all hardware after 500 miles.



Figure 3