



RBP-509STS-40

Installation Instructions
2007-2017 Jeep Wrangler JK
Single Steering Stabilizer

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

RBP 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 RBP 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. RBP 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

None

» TECHNICAL SUPPORT

STOP. DO NOT RETURN TO THE STORE. WE CAN HELP. QUESTIONS OR PROBLEMS, OUR TEAM OF PROFESSIONALS ARE HERE TO HELP.

CALL TOLL FREE (800)-237-7560, MON-FRI: 8:00AM - 5:00PM PST.

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

For customer support, please call us at 800-237-7560 to speak directly with RBP customer service representative.

» 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 RBP Lift Kit. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, RBP 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.

RBP062217

RBP7410

Kit Contents

<i>Qty</i>	<i>Part</i>
1	Stabilizer Cylinder
2	0.625 x 0.070 x 1.375 Sleeve
2	Hourglass Bushing

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Make sure the front wheels are pointed straight ahead.
3. Disconnect the factory steering stabilizer from the tie rod bracket by removing the nut and pulling the cylinder off the stud. Save mounting nut.
4. Disconnect the stabilizer from the passenger's side axle bracket by removing the mounting bolt/nut. Remove the stabilizer from the vehicle. Save mounting hardware.
5. Loosen, but do not remove the factory stabilizer tie rod bracket u-bolt nuts. Loosen the nuts just enough to allow the bracket position to be adjusted on the tie rod.
6. Locate the new steering stabilizer, bushings and steel sleeves. Lightly grease and install the bushings in each end of the stabilizer. Lightly grease and install a steel sleeve into each bushing.
7. Extend the new stabilizer out to half of its stroke length. At this point there should be approximately 3-3/4" of cylinder rod exposed.
8. Attach the ROD end of the new stabilizer to the passenger's side axle bracket using the original hardware. Torque the stabilizer bolt to 55 ft-lbs.
9. Attach the BODY end of the new stabilizer to the tie rod end bracket by adjusting the position of the bracket in order to keep the stabilizer in the middle of the travel. Fasten the stabilizer to the bracket with the factory nut. Torque nut to 30 ft-lbs.
10. Rotate the tie rod bracket about the tie rod so the stabilizer cylinder will have adequate clearance to the factory axle bracket and snug hardware.
11. With the help of an assistant to turn the wheel, cycle the steering from left to right. Watch to make sure the stabilizer clears the axle bracket. Adjust the tie rod bracket if necessary. When everything is adjusted properly tighten the tie rod bracket hardware securely.
12. Check all hardware for proper torque.
13. Check hardware after 500 miles.

Step 5 Note

The bushings and sleeves can be installed into the stabilizer ends using various methods. The easiest is using a bench vise to press them into place.