



#7451 Installation Instructions 2018-2021 Jeep Wrangler JL Dual 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: 1 hr

Special Tools Required

None

»» **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. Secure and properly block vehicle prior to installation of BDS suspension components. Always wear safety glasses when using power tools
3. 2" Front bump stop extensions and OE pitman arm are required for this kit to be installed.

Kit Contents

Qty	Part		
		2	Bolt Pack 322
1	Center Axle Bracket	2	1/2" x 2-3/4" Bolt
1	Drv Tie Rod Bracket	2	1/2" Prevailing Torque Nut
1	Pass Tie Rod Bracket	4	1/2" SAE Washer
2	Steering Stabilizer		
4	Hourglass Bushing		
4	.625x .060 x 1.375 Sleeve		
4	5/16" x 1-5/8" x 2-1/4" U-Bolt		
2	3/8" x 2-3/4" x 3-3/4" U-Bolt		
1	Bolt Pack 304		
	8	1/4" USS Washer	
	4	3/8" SAE Washer	
	4	3/8" Prevailing Torque Nut	
	8	5/16 Prevailing Torque Nut	

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, level surface, block the rear wheels for safety and center the steering wheel.
2. Remove OE stabilizer.
3. Loosely install the center bracket on the bottom of axle with the 3/8" U-Bolts, nuts, washers, 7/16" washer. With the tires turned all the way passenger the bracket should be right below the tie rod and 1/8" off the differential pumkin. (Fig 1). Bolt Pack 304

FIGURE 1



4. Attach the driver's side stabilizer bracket to the bottom side of the tie rod next to the clamp (Fig. 2) with the provided 5/16" U-bolts, washers, and nuts so the stabilizer mounting hole offsets to the outside. Leave hardware loose. Bolt Pack 304

FIGURE 2

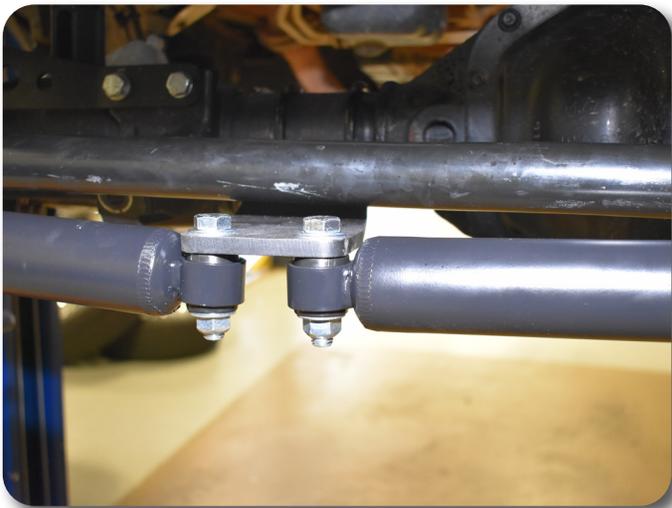


5. Loosely attach the passenger side stabilizer bracket to bottom side of tie rod link similar to the driver side with the provided 5/16" U-bolts, washers, and nuts. Leave hardware loose. Bolt Pack 304
6. Install the bushings and 1/2" ID sleeves into the stabilizers.
7. Loosely attach the cylinder body of the stabilizer cylinders to the bottom side of the center bracket with hardware from bolt pack 322. (Fig. 3)

Step 9 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.

FIGURE 3



Failure to follow the proper installation location will result in damage to the steering stabilizers under full compression travel.

8. Attach the stabilizers to the bottom of the tie rod mounts using the 2-1/2" bolts, nuts, and washers from bolt pack 322.
9. Adjust location until stabilizers are extended out equally and are in the desired position.
10. Torque hardware to following specifications:
 - 5/16" (small) U-bolts: 17 ft-lbs
 - 3/8" (large) U-bolts: 30 ft-lbs
 - 1/2" Bolts: 55 ft-lbs

11. Perform a steering sweep to check for stabilizer clearance and to ensure full steering motion. Adjust tie rod brackets and center bracket as needed.
12. Recheck fasteners after 500 miles of driving and at regularly scheduled maintenance intervals.
- 13.