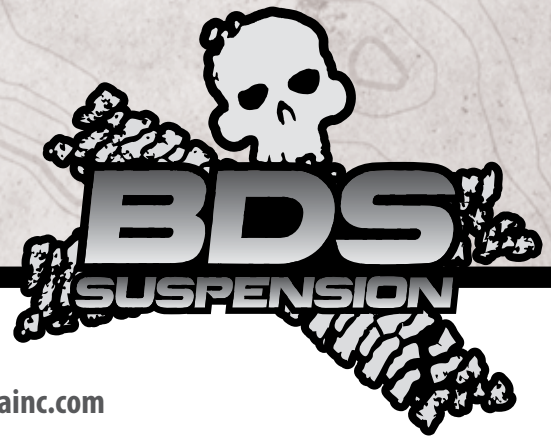


# Fox Dual Steering Stabilizer

Jeep Wrangler JK | 2007-2016

Part # 55378

Rev. 021816



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## 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.

Box Kit		
Part #	Qty	Description
01588	1	Center Axle Bracket
01530	1	Drv Tie Rod Bracket
01531	1	Pass Tie Rod Bracket
A226	1	Nameplate Mount
382340334RB	2	3/8" x 2-3/4" x 3-3/4" U-bolt
561580214RB	2	5/16" x 1-5/8" x 2-1/4" U-bolt
561120214RB	4	5/16" x 1-1/2" x 2-1/4" U-bolt

Bolt Packs		
Part #	Qty	Description
304	1	Bolt Pack
	8	1/4" USS Washer
	4	3/8" SAE Washer
	4	3/8" Prevailing torque nut
	8	5/16" Prevailing torque nut
322	1	Bolt Pack
	2	1/2" x 2-1/2" bolt
	2	1/2" Prevailing torque nut
	4	1/2" SAE Washer
337	1	Bolt Pack
	2	1/2" x 2-3/4" bolt
	2	1/2" Prevailing torque nut
	4	1/2" SAE Washer

## INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, level surface, block the rear wheels for safety and center wheels.
2. Remove OE stabilizer.
3. Loosely install the center bracket (01588) on the bottom of axle with the 3/8" U-Bolts, nuts, and washers. The mounting surface of the stabilizer should be level. Slide the bracket until it's up against the differential (Fig 1).

**FIGURE 1**



4. Attach driver's side bracket to bottom side of tie rod next to the clamp (Fig. 2) with provided U-bolts. Leave hardware loose.
5. Attach the passenger's side bracket to bottom side of drag link (Fig 3) with the provided 5/16" U-bolts and hardware. Leave hardware loose.

**FIGURE 2**



**FIGURE 3**



6. Install the bushings and 1/2" ID sleeves into the stabilizers.
7. Loosely attach the rod end of the stabilizer cylinders to the center bracket with the nameplate using the 2-3/4" long 1/2" hardware from bolt pack 337. The center bracket mounts inside the nameplate.

**Models with at least 2" of bump stop extension AND the stock pitman arm:**

Install the cylinders on top of the center bracket (Fig 4).

**Models with a dropped pitman arm OR no bump stop extension:**

Install the stabilizer cylinders below the center bracket.

**FIGURE 4**



**! Caution** *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 top or bottom (depending on the previous step) of the tie rod mounts using the 2-1/2" bolts, nuts, and washers.
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

11. Perform a steering sweep to check for stabilizer clearance and to ensure full steering motion.
12. Recheck fasteners after 500 miles of driving and at regularly scheduled maintenance intervals.



## **WE WANT TO SEE YOUR RIDE!**

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## **TIME TO HAVE SOME FUN**

### **Thank you for choosing BDS Suspension.**

For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.