

High Clearance Steering Stabilizer

Jeep Wrangler JK | 2007-2016

Part # 55376



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.

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety. This installation is most easily performed with the weight of the vehicle on the suspension.
2. Remove the factory stabilizer from the passenger axle mount and the tie rod mount. Remove the stabilizer mount from the tie rod.
3. Remove the track bar bolt at the axle and save the bolt and nut tab.
4. Install the stabilizer axle bracket using the stock track bar hole and loosely fasten with the original bolt and nut tab. *Note: If axle shifted, have someone line up the track bar to the hole by slightly turning the steering wheel.*
5. In the remaining hole, install the 3/8" x 1-1/4" bolt with washers and nut. (Fig. 1)
6. Adjust the bracket so the stabilizer mounting surface is parallel with the ground. Tighten the 3/8" bolt to 35 ft-lbs and the 14mm track bar bolt to 95 ft-lbs.
7. Install the 1/2" ID sleeve into the body end of the stabilizer and loosely attach the body end to the axle mount with the 1/2" x 2-1/2" bolt with washers and nut. Run the bolt from the bottom up with the large diameter washer on the bottom with the stabilizer bushing and the smaller diameter on top with the nut. *Note: If more clearance is needed, turn the steering until there is enough space to install the bolt. (Fig. 2)*

55376 Box Kit		
Part #	Qty	Description
03104	1	Tie Rod Bracket
761120214R	2	7/16" x 1-1/2" x 2-1/4" U-bolt
01520	1	High Clearance Axle Mount
51792	1	5/8" x 1/2" ID x 1-3/8" Sleeve
338	1	Bolt Pack
	1	7/16"-20 prevailing torque nut
	1	7/16" USS flat washer
	4	7/16" lock washer
	4	7/16"-20 hex nut
327	1	Bolt Pack
	1	1/2"-13 x 2-1/2" bolt
	1	1/2"-13 prevailing torque nut
	1	1/2" SAE washer
	1	1/2" USS washer
	2	7/16" USS flat washer - not used
	1	3/8"-16 x 1-1/4" bolt
	1	3/8"-16 prevailing torque nut
	2	3/8" SAE washer

FIGURE 1

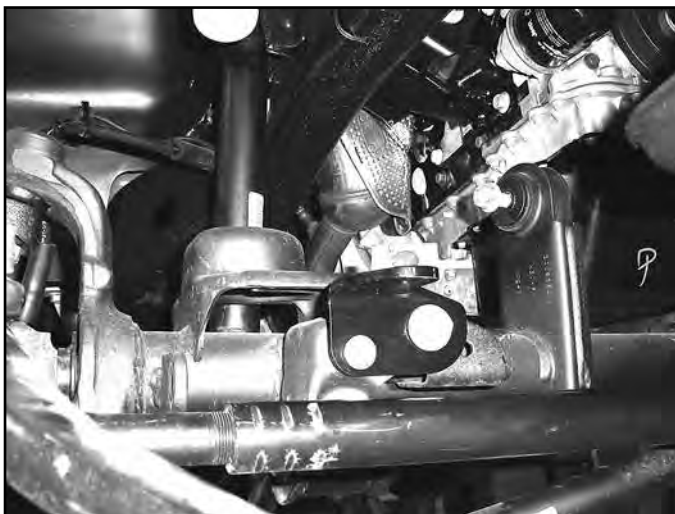


FIGURE 2



8. Loosely attach the tie rod mount with the provided 7/16" u-bolts so the stud is pointing up and the u-bolts are towards the drivers side from the stud. The mount should be able to be slid freely on the tie rod. (Fig. 3)
9. Turn the steering wheel all the way to the left. This will be the longest distance between the stabilizer mounts. Fully extend the stabilizer cylinder.
10. Attach the steering stabilizer to the tie rod bracket and fasten with the supplied 7/16" lock nut and washer.
11. The tie rod bracket will need to be slightly rotated forward to gain slight clearance between the track bar bolt head and the stabilizer body.
12. With the cylinder position properly adjusted, torque the tie rod bracket u-bolts and cylinder mount to 40 ft-lbs. Torque the cylinder axle mounting bolt to 50 ft-lbs. (Fig. 4)

FIGURE 3



FIGURE 4



13. Perform a steering sweep to ensure there is adequate clearance between the cylinder and the mounting brackets and full steering motion is achieved. Make adjustments where necessary.
14. Check all hardware for proper torque.
15. Check hardware after 500 miles.