

Front Adjustable Track Bar

Jeep TJ, XJ, ZJ

Part #: 124423



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.

PRE-INSTALLATION INSTRUCTIONS

Note 1: At least 2" of bump stop must be installed on each side of the front axle to work with this kit and to eliminate any possibility of the track bar contacting other components at full compression. Rubicon models require 3" of bump stop. When combining this track bar with different manufacturer's suspension systems it is recommended that the coils be removed and reinstalled after the suspension is cycled completely to ensure there is no contact.

Note 2: This track bar is not recommended for lift heights above 5". BDS offers a separate track bar kit for lift heights of 4-1/2" and greater.

INSTALLATION INSTRUCTIONS

1. Park vehicle on clean flat and level surface. Block the rear wheels for safety. A hoist or jack is not needed for this installation, unless clearances need to be checked as stated in the notes.
2. Remove the OE track bar from the vehicle. Discard hardware and nut tab, these items will not be reused.
3. Grease and install bushings (M03406RB) and sleeve (55003) into adjustable track bar end. Thread jam nut onto track bar followed by adjustable end. Make sure there is at least 1" of thread engagement. Install straight grease zerks into both ends of track bar. The grease zerk at the axle will face down to allow for access once the track bar is installed.
4. Drill out the OE track bar axle mount to 1/2".
Note: Do NOT make any modifications to the track bar mount at the driver's side frame.
5. Ball stud end is shipped assembled. See figure below for rebuild instructions. (Fig 1) Center the stud and install into the original tapered frame mount. Use an 18mm wrench to hold the flats while tightening down the 1/2" fine thread nylock nut with the 12mm flat washer. There will be a slight gap between the flats and OE mount once installed. Tighten to 55 ft-lbs. (Fig 2)

124423 Parts List

Part #	Qty	Description
55003	1	5/8" x 0.60 x 1.625 sleeve
36266	1	3/4"-16 Jam nut
01963	1	Adjustable track bar end
M03406RB	4	Bushings
01968	1	Track Bar
01947	2	Race (Bushings)
68061	2	Snap ring - Small
01319	2	Washer
01994	1	tie rod end ball
01392	1	1/2" nut tab
915	1	Bolt Pack

FIGURE 1

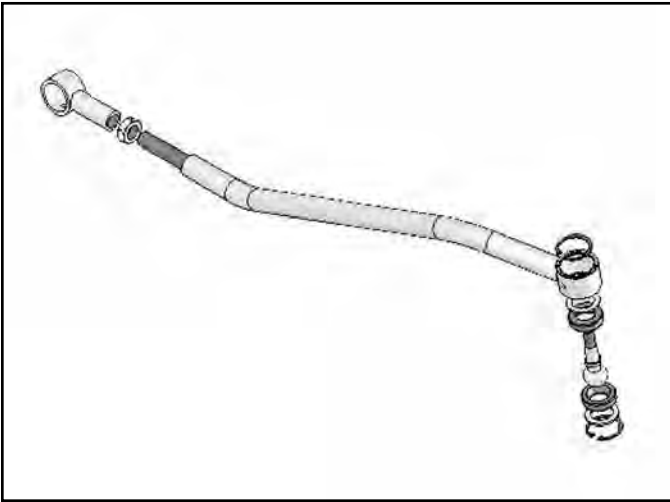
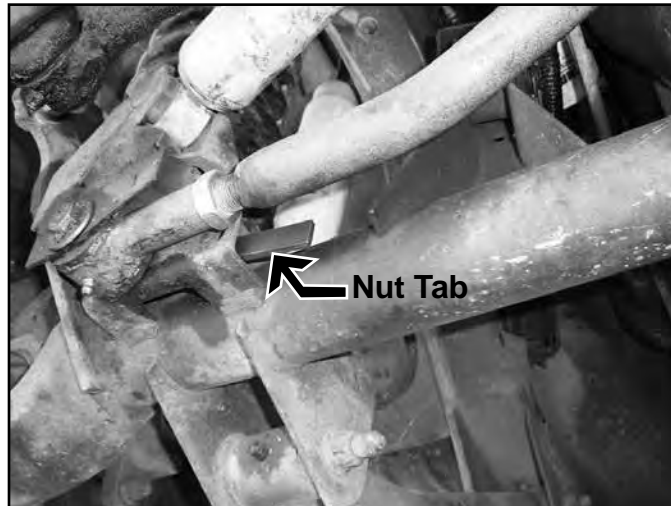


FIGURE 2



6. Center the front axle and swing the lower track bar mount into place. Adjust the length as necessary. Attach the track bar to axle mount with $\frac{1}{2}$ " button head bolt and nut tab. Run the nut tab horizontally from the center of the vehicle as shown. Tighten the bolt to 55 ft-lbs. (Fig 3)
7. Make sure the mount at the frame is horizontal (front to back) then securely lock off the jam nut on the track bar. Replace the upper most differential cover bolt with the $\frac{5}{16}$ " button head bolt (bolt pack #915). (Fig 3) The track bar can be adjusted by loosening the jam nut and rotating it 'forward' to gain extra clearance around the differential if needed.

FIGURE 3



8. Recheck all fasteners after 500 miles, at regularly scheduled maintenance intervals, and after offroad use.