

# HELL BENT STEEL, INC - INSTALLATION INSTRUCTIONS

## ADJUSTABLE TRACKBAR FOR DODGE RAM 1994-2002

YOU CAN ALSO VIEW THE INSTRUCTIONS ON LINE AT [www.hellbentsteel.com](http://www.hellbentsteel.com)

**IT IS HIGHLY RECOMMENDED THAT A CERTIFIED MECHANIC PERFORM THIS INSTALLATION.**

Please read before beginning installation. OEM Manual should be used as a reference.

Before installing the Hell Bent Steel Trackbar, inspect all steering components for signs of wear or damage. Replace worn or damaged parts as necessary.

Use Loctite® on all nuts associated with this installation.

It is the responsibility of the mechanic and customer to wear safety glasses at all times during installation, especially when working with air tools.

### **IMPORTANT CUSTOMER INFORMATION:**

It is the customer's responsibility to make sure a re-torque is performed on all hardware associated with this suspension system after the first 100 miles and every 1000 miles there-after and after every off road use.

### **Installation Instructions:**

1. Remove the nut of upper mount of the track bar. Then remove the lower bolt. If you are having trouble accessing the lower bolt head try using a long extension or raising the frame on the passenger side with a floor jack.



2. Remove the Trackbar and set aside. Retain the bolts and nuts for reuse. **NOTE:** If you are having trouble removing the upper mount, try using a floor jack on the frame to raise the vehicle on the drivers side. Then use a hammer to tap on the mount and bolt head.



3. Assemble the Hell Bent Steel Trackbar. The gold nut has right hand threads that match up to the groove side of the center link. The silver nut has left hand threads and will match to the non-groove side of the center link. Do NOT use any thread lock at this step.

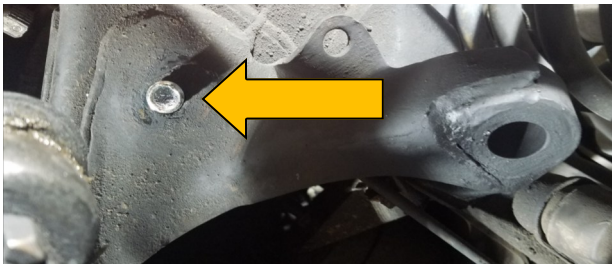


4. To install the bushings, set one bushing on a table and use a rubber mallet to install the sleeve into the middle of the bushing. Leave the bushing on the table and set the end the bar over the bushing and tap the bar with the mallet until the bushing with the sleeve is seated. Then install the second bushing on top.

5. Remove the rear most bolt that mounts the steering gearbox to the frame.
6. Place the tapered bushing into the mounting hole for the stock track bar.



7. Place the longest bolt, with the large washer on it, down through the hole in the frame as shown below with the arrow. **NOTE:** You may need to remove the steering shaft from the gearbox to install this bolt.



8. Start the mounting of the Hell Bent Steel bracket with the gearbox bolt as shown in the upper left picture. Then start the nut onto the middle bolt and finally install the bolt and nut through the mount (and tapered bushing) of the original track bar. Tighten all nuts.



6. Install the Hell Bent Steel bar into the lower mount first. The new bar will be a tight fit, you may need to wiggle the bar while pushing it into the mount. Then install the lower bolt you removed from your stock bar. Install the upper portion of the bar into the mount of the bracket. Use the provided bolt in the top mount. Once both bolts are in, install the nuts and torque the fasteners to 126 ft-lbs



7. Adjusting the Hell Bent Steel Trackbar can be done while the bar is installed on your vehicle. Spin the center link to adjust the length of the bar as needed.



8. There is no perfect length for your Hell Bent Steel Trackbar. To determine the setting that will work best for you, start by setting the axle as close to the center of the vehicle as possible. Tighten the jam nuts and take the vehicle for a test drive. On your test drive make sure to turn the wheel to its furthest extents and watch for any rubbing or collision issues.

9. Once you are happy with the look and driveability of your vehicle then you are ready to have an alignment done. Inform the alignment technician that you have an adjustable trackbar and that you would like them to use it as part of the alignment process.



10. After your alignment has been completed, back off each of the jam nuts and add some of the blue thread lock to the threads. Tighten the nuts and enjoy.