



Dodge Off Road, LLC

*Specializing in Dodge Ram Solid-Axle 4x4
Suspension and Steering for Off Road Applications*

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Lakeview, Arkansas

DODGE OFF ROAD 3rd and 4th GEN LIFTED TRACK BAR KIT

For all 2003-2013 Ram 2500 4x4 Trucks, and all 2003-2012 Ram 3500 4x4 trucks.

Thank you for your purchase of our lifted track bar kit! Please read over the instructions carefully before beginning your installation. Installation should be performed by a qualified mechanic, or someone with adequate mechanical knowledge. If you are not comfortable working on your truck, do not install this kit without assistance from someone who is more comfortable or qualified. This is not a difficult install, however it does require average mechanical ability. If you don't install it correctly, you can have loose steering or possible steering failure. Most people can install this in their driveway with basic hand tools in one to two hours. This kit includes a track bar, track bar bracket, bracket hardware, and these instructions. You will reuse your factory track bar hardware to mount the track bar to the axle and the new bracket.

Tools Needed

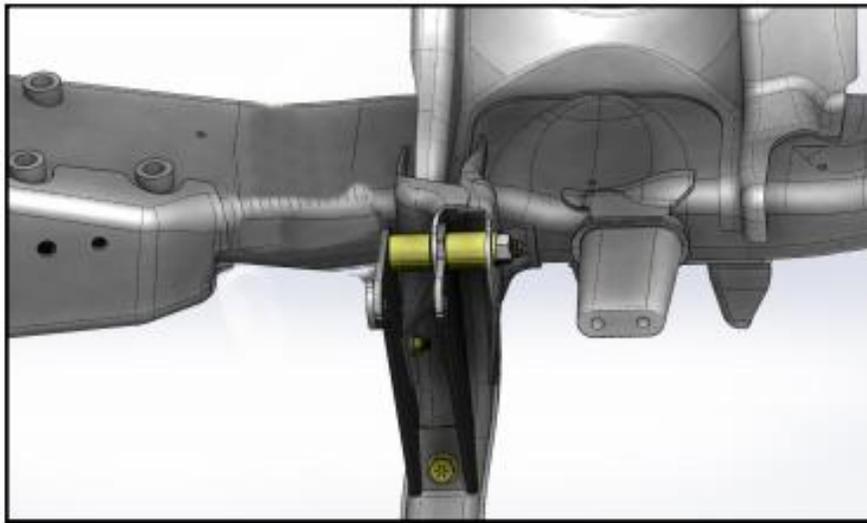
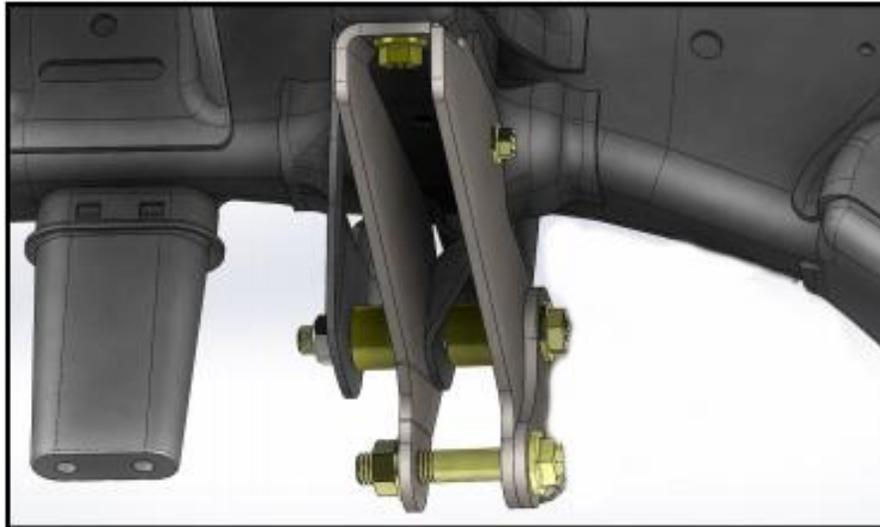
Tape measure, assorted sockets and wrenches, and a large crescent wrench for adjustments and to tighten the jam nut. The 9/16" nuts we provide take a 7/8" socket or wrench; the 3/4" nuts take a 1" socket or wrench, and the 7/8" jam nuts take a 1.25" wrench.

Track Bar Bracket Installation Procedure

Make sure that the truck is parked on a flat surface with the wheels blocked, parking brake set and the transmission in Park (reverse for manual transmissions). You do not need to jack the front of the truck up, just leave it resting on it's own weight, with the tires pointed straight ahead.

Remove your existing track bar from the frame and axle mount, and remove any other aftermarket brackets, if applicable. Save the factory track bar hardware, as you will be reusing it.

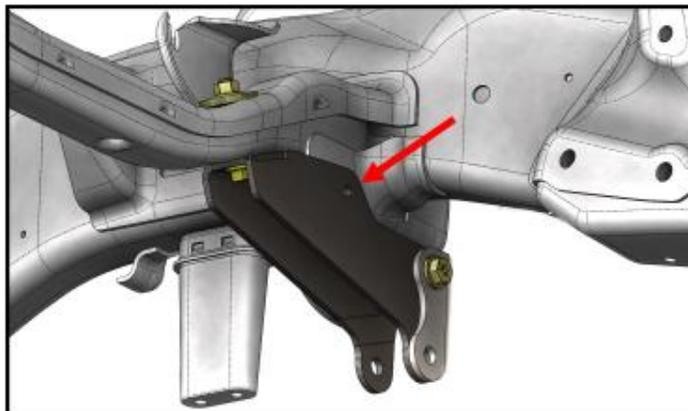
Position the new DOR track bar bracket on the frame as shown in the pictures below. The bracket sits just inside of the factory track bar mount, with a crush sleeve going between the rear of the DOR bracket and the rear of the factory bracket. Then you will put the other crush sleeve on the outside of the factory bracket and inside of the DOR bracket. Use the provided 5/8" x 4" bolt and nut to secure the bracket to the factory mount, but do not tighten the hardware at this time. Leave it finger-tight.



Insert the $\frac{1}{2}$ " x 3" bolt up through the slotted hole in the bracket, through the crossmember under the engine, and install the large washer on top of the crossmember with a $\frac{1}{2}$ " locknut securing the bolt in place. Tighten the nut to 80 ft.lbs.

Go back to the $\frac{5}{8}$ " x 4" bolt from the first step, and tighten that bolt to 180 ft.lbs.

Using a $\frac{7}{16}$ " drill bit, drill the crossmember so that the $\frac{7}{16}$ " bolt can go through the hole shown below. Once the hole is drilled, insert the $\frac{7}{16}$ " x 1" bolt and secure it on the back side with the locknut. Torque to 55 ft.lbs.



With all three mounting points secured, you can now install the DOR track bar.

Track Bar Installation

You will first need to insert the axle end of the track bar into the axle mount, using the factory hardware. Before doing this, you'll want to set your track bar length so that the axle is centered. Finding center can be done many ways – the easiest is to just have your truck aligned and let a shop do it. Otherwise, you can use any two reference points on the axle and frame to compare and measure until your axle is centered under the truck. Shocks or sway bar end links are a good visual reference. You can also use a plumb bob dropped from the frame down to the axle and line it up with your sway bar end link mounting tabs. Moving the axle under the truck is easy, just have someone turn the steering wheel and hold it in place until you are able to get the axle centered. Then measure from the bolt hole on the axle, to the bolt hole on the bracket. Set your track bar to that length and tighten the jam nut to 175 ft.lbs.

Once the jam nut is tight, you can mount the track bar into the axle mount and get the bolt finger-tight. Make sure that the tab nut on the back side of the mount is properly engaged with the bolt and that it is not cross-threaded.

Now you can raise the track bar up to the frame bracket and insert the factory bolt through the bracket and track bar. If the track bar doesn't quite line up, use the steering wheel trick to line everything up again. If you don't have a helper, you can also use a ratchet strap to pull the axle one direction or the other.

Once both ends of the track bar are attached, torque the track bar bolts to 150 ft.lbs on 03-07 models using 14mm hardware, and 215 ft.lbs on 07.5-12 models that use 16mm hardware.

Now that the track bar and bracket are installed, start your truck and check for any movement, popping, or other noises by sawing the steering wheel back and forth while the truck is parked. Double check all hardware. Take the truck for a short test drive in a safe area and make sure that you are not getting any movement out of either part. If everything is tight, your installation is complete!

After driving 500 miles on the highway or 100 miles offroad, recheck all hardware with a torque wrench.

If you have any questions, please do not hesitate to call or email us! We can troubleshoot your install quickly if you provide a couple of pictures of the issue you are having. Thanks again for your purchase.

Check out our other products for more Dodge Ram upgrades: store.dodgeoffroad.com



Made in the U.S.A.