

BD Adjustable Track Bar w/Bracket

Dodge 2500-3500 4WD Models

Dodge 1500 4WD Model

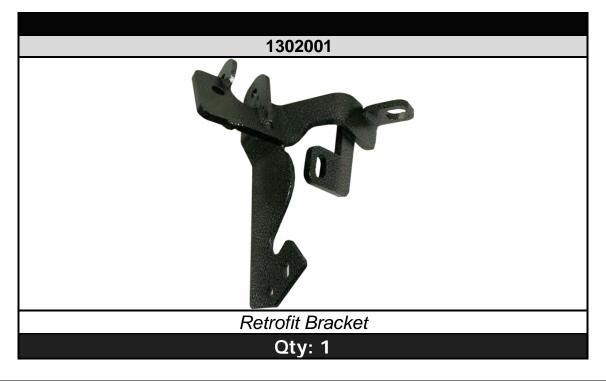
1994-2002 1994-2001

P/N# 1032011

PLEASE READ ALL INSTRUCTIONS BEFORE INSTALLATION

KIT CONTENTS: Please check to make sure that you have all the parts listed in this kit **before** you start the disassembly of your truck.

Kit # 1032012					
1302030-1		1302030-2	1302030-2		
				LH	
Trackbar Drivar'a Sida		Trackbar, Passeng	Trackbar, Passenger's Side		
Trackbar, Driver's Side		(Left Hand Thr	(Left Hand Thread)		
Qty: 1		Qty: 1		Qty: 1	
1302031Z		1302032Z	1	1302033	
Jam Nut 1 3/8NF		Jam Nut 1 3/8NF (Left Hand Thread -Arrow)		Polyurethane Bushing Set	
Qty: 1		Qty: 1		Qty: 1	
1302057		1302056	1302056 1		
Grease Nipple (M6) Gre		rease Nipple 90° (M6)	Grease	e Nipple 45°	
Qty: 1		Qty: 1	(Oty: 1	



1302011 – Hardware Kit					
1302043	1302044	1302046	1302045	1302047	
5/8NF x 2.5" Bolt	5/8" Washer	5/8 Lock washer	5/8NF Locknut	1/2NC x 5" Bolt	
Qty: 1	Qty: 2	Qty: 1	Qty: 1	Qty: 1	
1302059	1302049	1302050	1302051	1302052	
				0	
Wedge Block	1/2NC LockNut	½" Lock Washer	5/16NC x 2" Bo	olt 5/16 Washer	
Qty: 2	Qty: 2	Qty: 2	Qty: 2	Qty: 4	

1302053	1302041Z	1302054	1302055	1302012	1302040Z
		0		0	
5/16NC Locknut	5/16" Collar	5/16 Lock Washer	1/2NC x 4.5" Bolt	Plate Washer	½" Collar
Qty: 2	Qty: 2	Qty: 2	Qty: 1	Qty: 1	Qty: 1

1302048	1302042Z	1302034	1302035	1302036
1/2" Washer	Tapered Insert	M14 x 2.0 x 75MM	M14 Washer	M14 x 2.0 Lock Nut
Qty: 2	Qty: 1	Qty:1	Qty: 2	Qty: 1

Welcome

Thank you for purchasing a BD track bar retro fit kit. This manual is divided into different areas to assist you with your installation and operation of your adjustable track bar kit.

This product is a replacement for the factory track bar. If the securing mounts have any signs of wear they should be fixed before installing the track bar. You will be reusing the factory bolts, if these bolts show any wear, replace them.

Installation should occur on a vehicle properly secured to prevent rolling.

Application of a marine grade lubricant at regular chassis lube intervals will promote bushing life.

Required Tools

- Sharpie or Metal Marker
- Bearing Grease
- Anti-Seize Paste
- 7mm Wrench
- 9mm Wrench
- 13mm Socket or Wrench
- 18mm Socket or Wrench
- 22mm Wrench and Socket
- 18mm Socket or Wrench
- ¾" Wrench and Socket
- 1/2" Wrench and Socket
- 15/16" Socket
- 2" Open End Wrench
- Large Crescent Wrench (>1.5")
- Torque Wrench (250 lbs-ft)
- ³⁄₄" Drill Bit
- 1/2" Drill Bit
- Center Punch
- Electric or Pneumatic Drill
- Tape Measure

If you have a vehicle that is manufactured between September 1993 and January 1994 you will need to complete some specific instructions for your vehicle.

Vehicles manufacture between September 1994 and January 1994

These particular vehicles have a very small mounting hole in the ear that connects the track bar mount to the frame. If you have one of the vehicles you will need to enlarge the mounting hole.



Drill this hole to 5/8" then using SNAP ON Tool # R121 you will need to ream the larger taper in to the hole. Along this process test the tapered bushing to ensure a sound fit. Repeat this process.

Maintenance

Grease bushings at regular oil change intervals for optimal protection of bearing from wear and contamination due to environment. To grease use a high quality marine grade bushing grease.

Retrofit Bracket Installation



VEHCILE SHOULD BE SAFELY SECURED BEFORE INSTALLATION.

THIS TRACK BAR SHOULD BE INSTALLED AT A SHOP THAT CAN PEFORM A FRONT END ALIGNMENT

Lift and support front of truck. Be sure to the block the wheels to prevent the vehicle from rolling.

Please note that the front suspension is loaded and not hanging free.

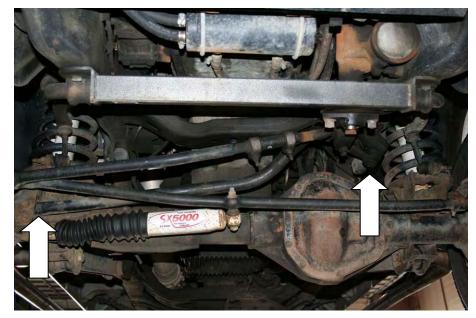
As well if you want to remove the driver's side front wheel it will allow better access.

Remove stock track bar. Using an 18mm socket remove the passenger's side bolt.



On the driver's side mount you will need to remove the cotter pin. Then using a 21mm wrench, loosen and remove the castle nut.





9 August 2011 1032011 - 1994-2002 Dodge Adjustable Track bar with Relocation Bracket

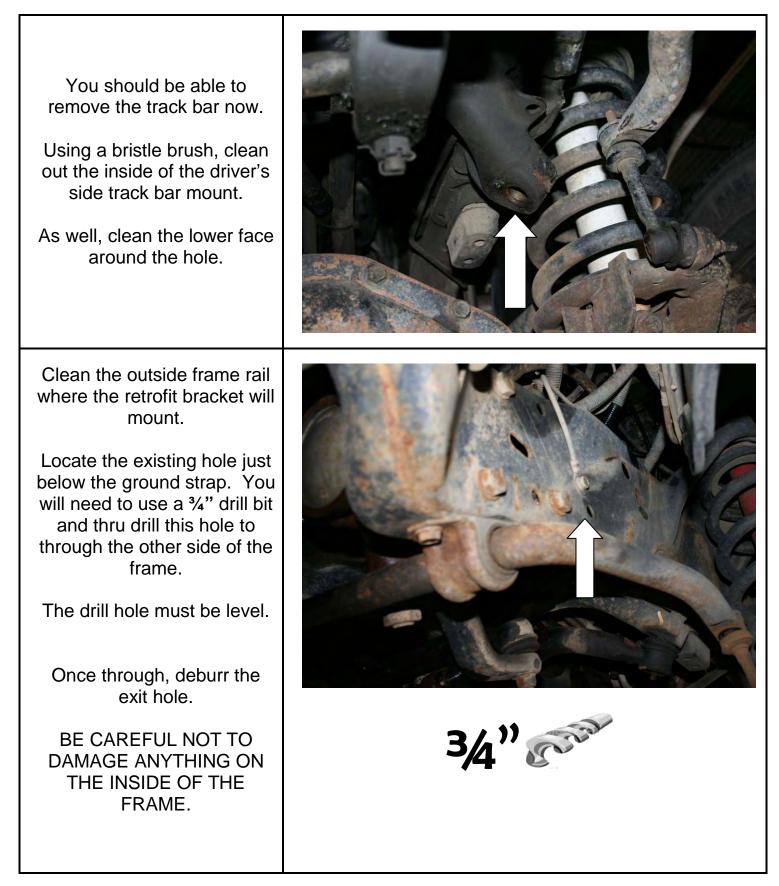


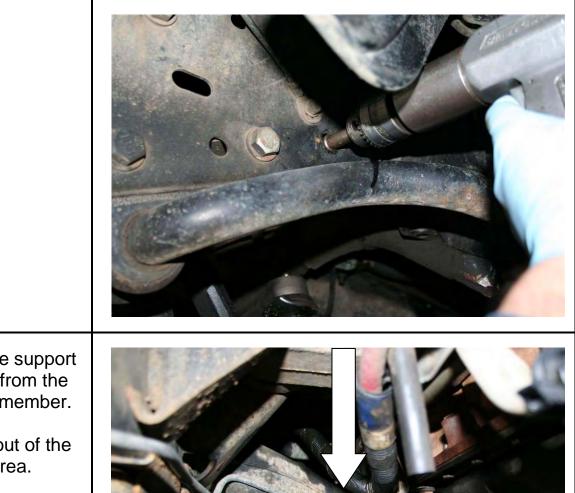
Finally using a joint fork pry the track bar away from the frame mount.

Be careful not to damage the frame mount.







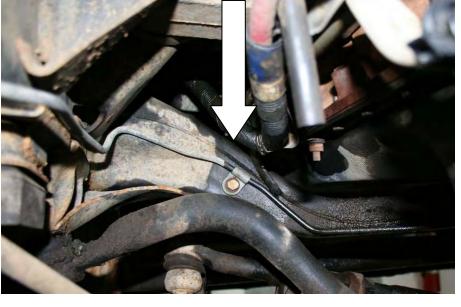


Remove brake line support bracket and bolt from the rear of the cross member.

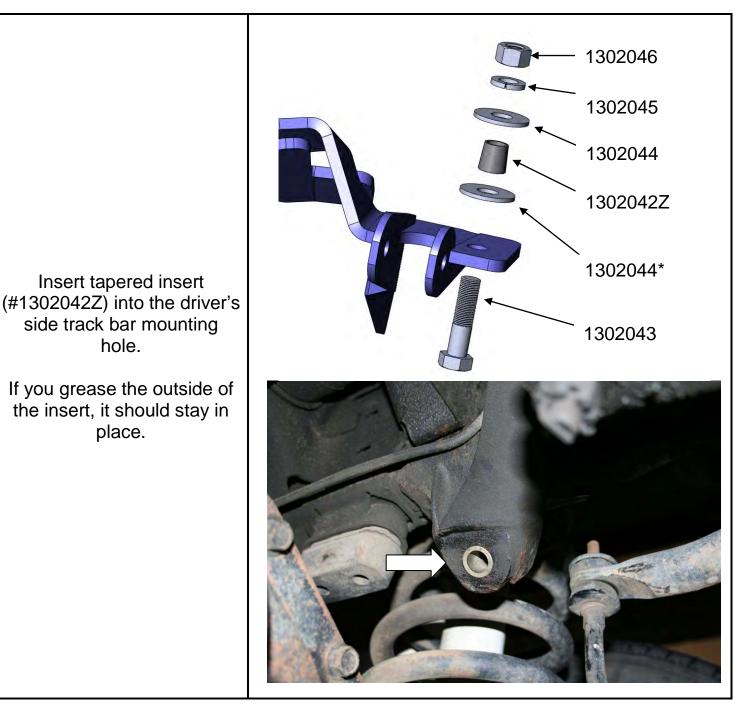
Bend brake line out of the immediate area.

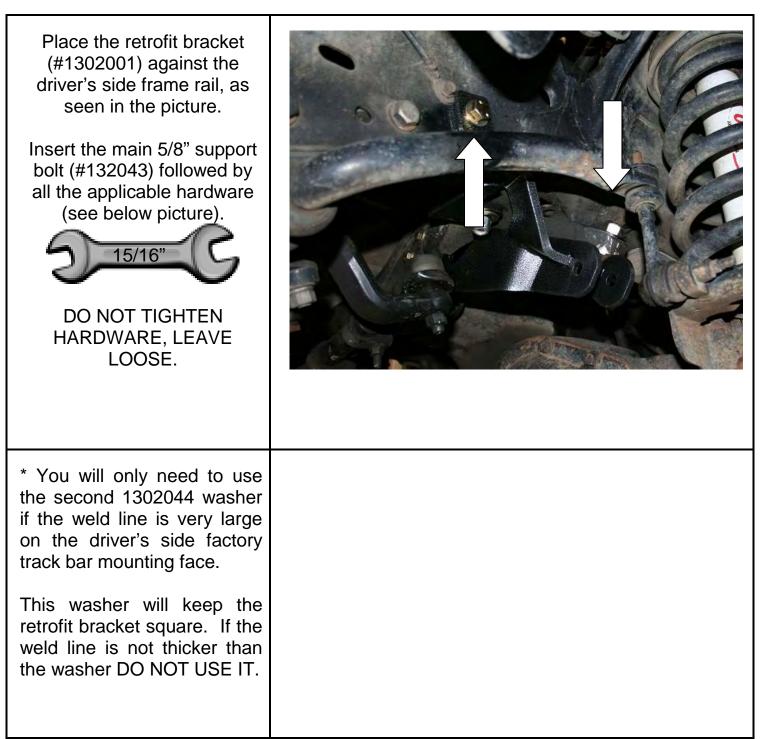
DO NOT KINK BRAKE LINE.

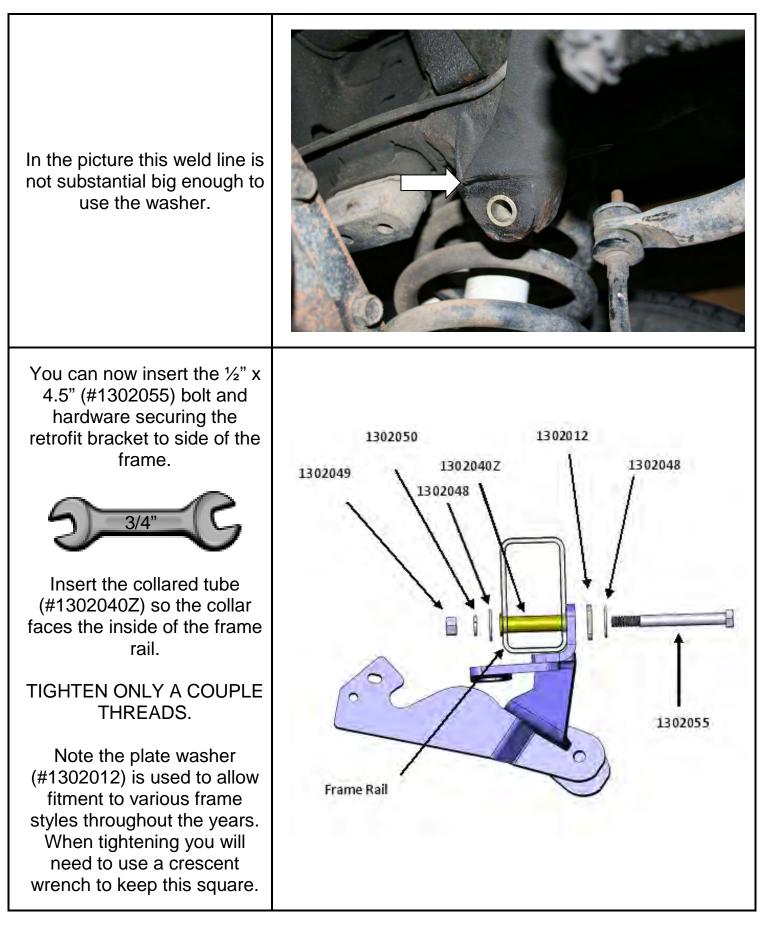
This cross member supports the left and right frame rails, and travels underneath he motor.

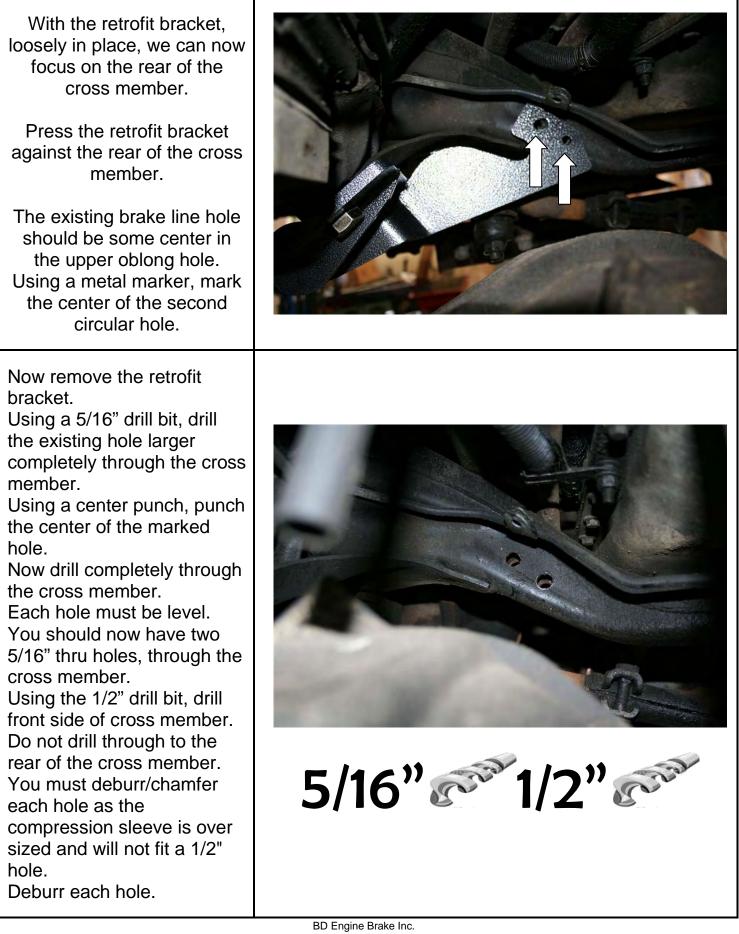


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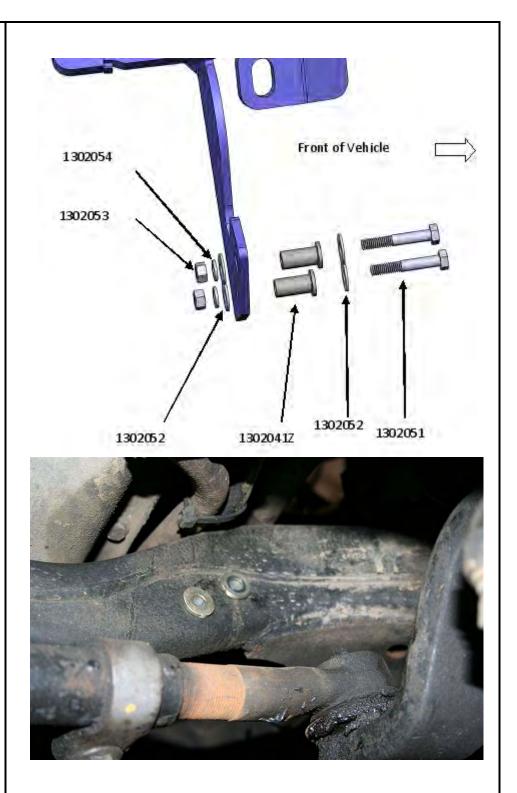
Now re-install the retrofit bracket.

Install the large 5/8" bolt first, then the side mount 1/2" bolt and then finally we can install the cross member bolts.

Install the cross member collared units so that the collars are towards the front of the vehicle. Then the 5/16" bolts (#1302051), along with the washers, lock washers and nuts.



In some applications the cross member may be thicker in that case you can leave out the lock washers. Remember to keep everything loose.



Now using the remaining 1/2" x 5" bolt to secure the last bracket point.

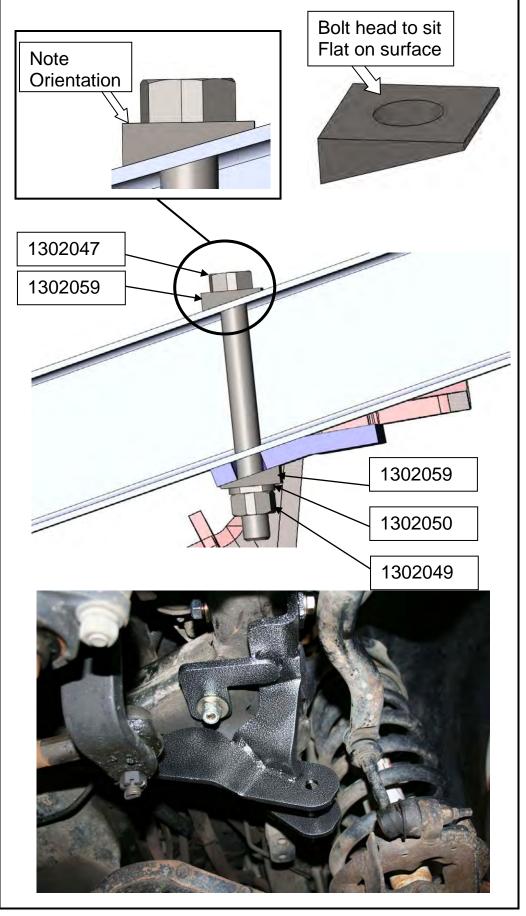


This mounting point is not all the stout, it basically helps eliminate a little bit of twist in the bracket.

You will need to reach up past the cross member underneath the steering box to drop the bolt and washer through the upper frame support.

Note that bolt will pull on an angle.

Then use a flat washer, lock washer and a locknut at the base.



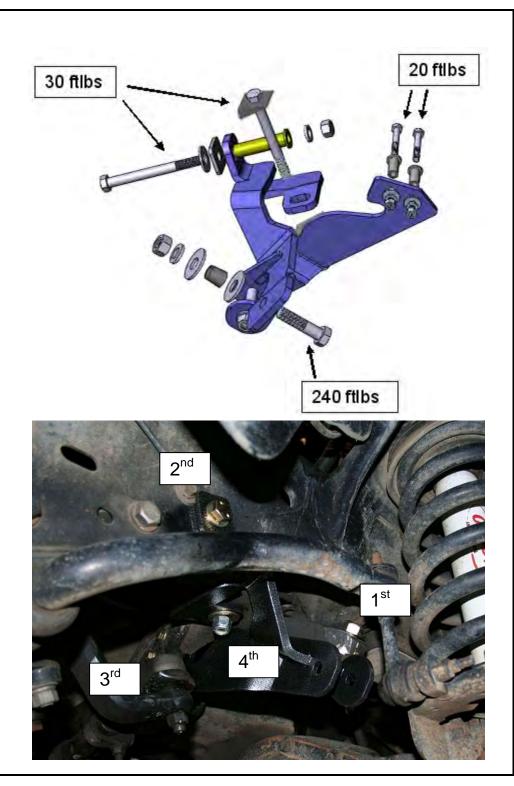
Finally you can now tighten the bracket up. Follow the below order,

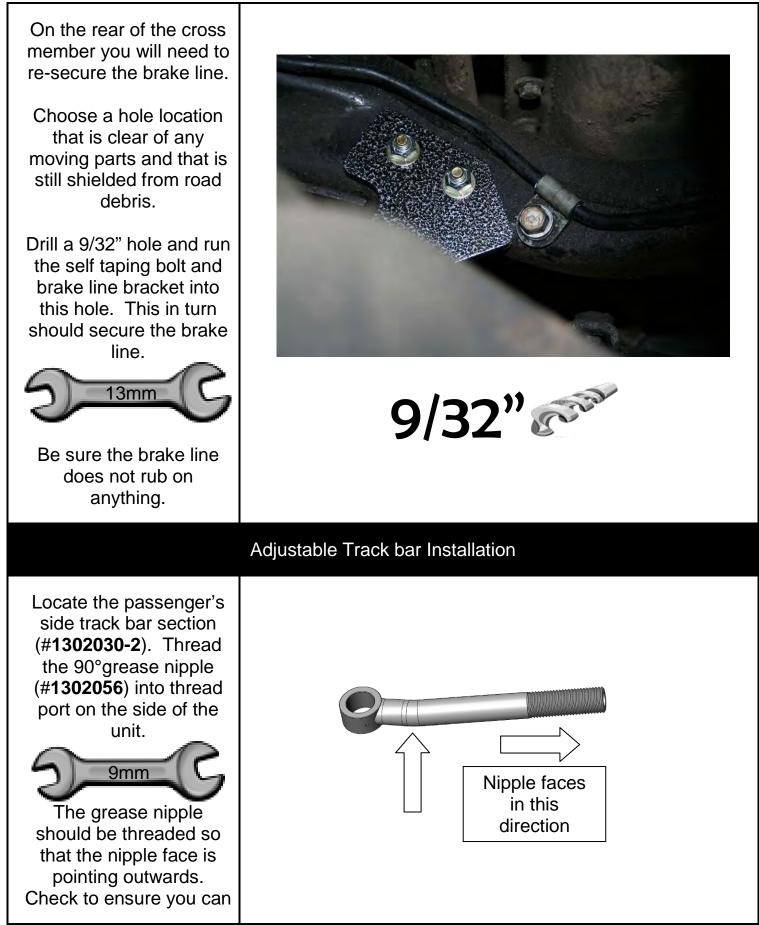
Start with the 5/8" bolt (#1302043), torque to 240 ftlbs.

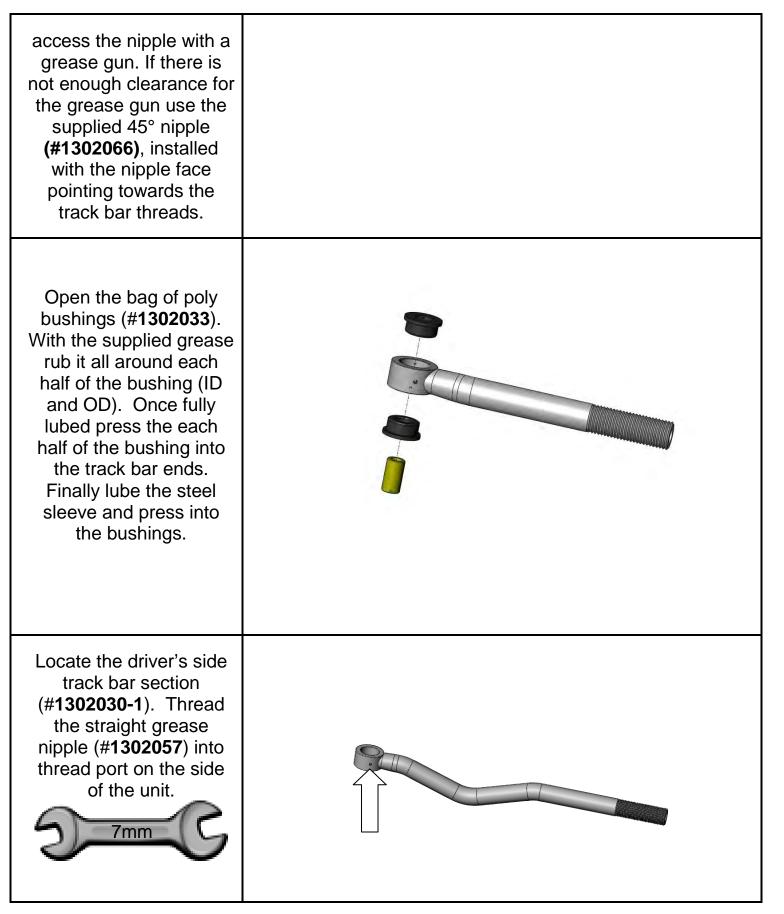
Next torque the ½" frame rail bolt (#1302055) to 30 ftlbs. When tightening this bolt the square plate washer will rotate. Use a large crescent wrench to keep in square with the mounting bracket.

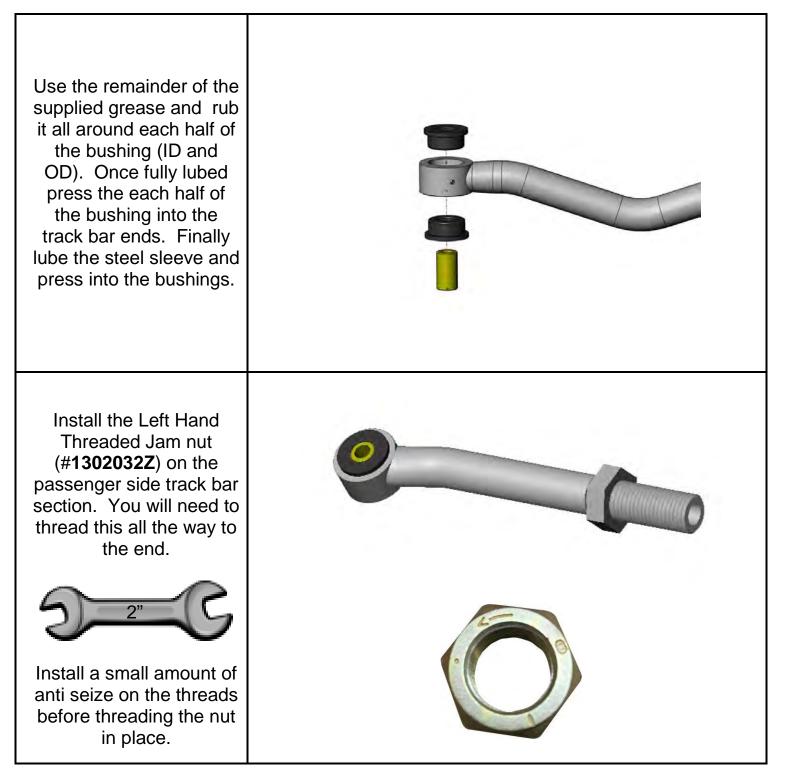
Torque the two 5/16 bolts (#1302051) to 20 ft lbs.

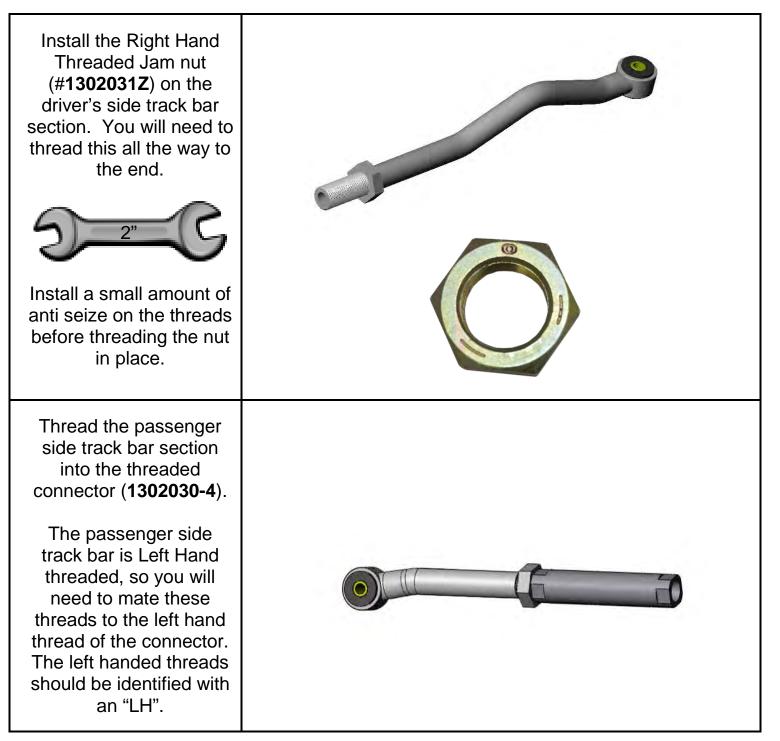
Lastly torque the long 1/2" bolt (#1302047) to 30 ftlbs.











Locate the factory track bar that you removed earlier, measure the length from bushing center to the approximate center axis of the tapered shaft.

Write this number down.



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Thread the driver's side section of the track bar into the threaded connector.



Using the length of the factory track bar that you wrote down earlier. Add 1 1/2" to this length.

This will be the new approximate length of the track bar.

Make sure there is an equal number for threads show on each side of the threaded connector.

For example only, if you have $\frac{1}{2}$ " of thread showing on the passenger side of the threaded connector you should also have 1/2" showing on the driver's side of the threaded connector.





DO NOT EXPOSE MORE THAN 2" OF THREAD FROM EITHER SIDE OF THE THREADED CONNECTOR.

Now you can install the track bar into the truck.

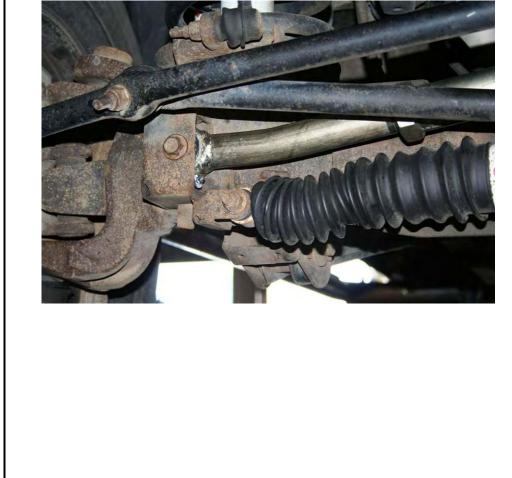
Keep in mind that you will need to reuse the factory hardware on the passenger's side only.

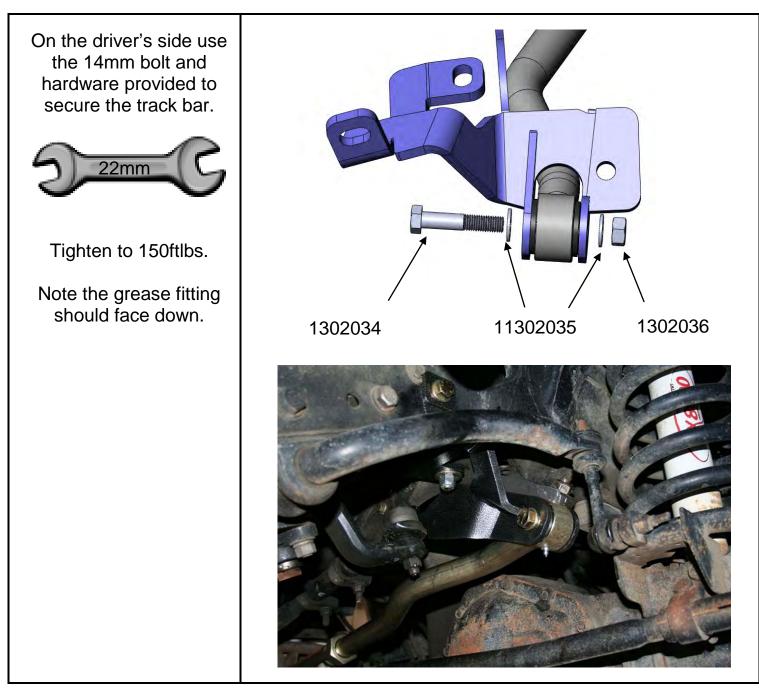
Adjust the grease fitting angle so you can access it.

Note that the factory nut has a 'H' bracket attached to it so it can be held in place in front of the axle.



Tighten bolt to 150 ft lbs of torque.





You can now perform an alignment on the front end of the vehicle. Adjust the front axle left and right by turning the threaded connector.

The shorter you make the track bar the more it will pull the front axle towards the driver's side. And vice versa.

Once the alignment is complete tighten the jam nuts to approximately 200 ft lbs of torque.



DO NOT DRIVE THE VEHICLE WITHOUT COMPLETING A PROPER ALIGHNMENT.

If you have any technical difficulties, concerns, comments, or complaints, please phone our Technical Support hotline at (800) 887-5030 between 8:30am-5:00pm PST (Pacific Standard Time) Monday to Friday, or post a message on the BD Discussion Forums located at:

http://forum.bd-power.com/



technical support questions with some of the industry's leading experts in the diesel field.