



INSTALLATION GUIDE

PART NUMBER: 153206-220
SWAY BAR QUICK DISCONNECT KIT AND END LINK ASSEMBLY
JEEP GLADIATOR JT | 2020+

FITS: 4" - 6" LIFTED RIDE HEIGHT

300 W. PONTIAC WAY. CLOVIS, CA 93612
PHONE: 800-445-3767 | EMAIL: INFO@BELLTECH.COM

THANK YOU

Thank you for choosing our high quality Belltech product. We have spent a great deal of time developing our line of products so that you will receive maximum performance with minimal difficulty during installation. Soon your vehicle will be on the road looking and feeling much improved.

Please take a moment to read all instructions and warnings prior to installation of your new Belltech product and before operating your vehicle. If you have any questions or concerns regarding any step in the installation process, please do not hesitate to call or email our customer support specialists who are trained to help you through any portion of this process.

Before You Begin:

It is of the utmost importance that you confirm all of the components listed on the parts list is in the kit. You can find this list located on the last page(s) of your instructions. Do not begin installation if any part is missing. Instead, please call our Belltech customer service specialists.

Belltech Customer Support:

Phone: 1-800-445-3767

Email: info@belltech.com

Safety Information:

Warning: Do not work under a vehicle supported only by a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

Proper use of safety equipment and eye/face/hand protection is absolutely necessary when performing any of the following instructions.

We strive for an exceptional experience for all our valued customers. If for any reason you need assistance with your Belltech products, please do not return the product to the store you purchased from, but rather call our dedicated customer service experts, from 7am to 5pm PST.

We recommend that a qualified mechanic, at a properly equipped facility, perform this installation.

It is very helpful to have an assistant available during installation.

Before Driving Your Vehicle:

It is important to double check all brake hoses, cables, and other components to be sure there is no interference. You must also check for wheel/tire to chassis/body interference. If any issues are found, review your installation instructions to be sure no steps were missed and any problems are corrected.

Check all hardware and re-torque at intervals for the first 10, 100, and 1000 miles.

Some of Belltech's products are designed to improve your vehicle's off-road performance. Leveling/lifting your vehicle may result in an altered center of gravity. It is crucial to use extreme care when operating your vehicle to prevent rollover and/or loss of control.

Any changes in your vehicle's suspension may result in transformed handleability. Please test-drive your vehicle in a remote location so you can become accustomed to the revised driving characteristics.

Failure to drive any modified vehicle in a safe manner may result in harm or death.

Never operate your modified vehicle under the influence of drugs, alcohol, or lack of adequate sleep.

Always wear your seatbelt.



DIFFICULTY:



INSTALLATION TIME: 1 Hour +

RECOMMENDED TOOLS:

- Metric socket wrench set
- Metric wrench set
- Hex key set
- Pliers
- Safety glasses
- Torque wrench up to 150 ft lbs.

JACKING, SUPPORTING, AND PREPARING THE VEHICLE

1. Park your vehicle on a smooth, level, concrete or seasoned asphalt surface.



Installation Note:

Lifting the vehicle with a floor jack is not required for this installation. We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

2. Block the rear wheels of the vehicle using wheel chocks. Make sure the vehicle's transmission is in "PARK" (automatic) or 1st gear (manual).
3. Activate the parking brake.
4. Break loose, but do not spin the wheel lug nuts to ease in removal when the wheels are in the air.
5. Lift the front of the vehicle off the ground using a properly rated floor jack. Lift the vehicle so the front tires are approximately 6-8 inches off the ground. Make sure to leave extra clearance as your new suspension setup will be 4 inches taller.
6. Place support stands rated for the vehicles weight. The stands should be positioned in the factory specified locations (Refer to the owners manual). Prior to lowering the vehicle onto stands, make sure the support stands will contact the chassis. It is very important that the vehicle is properly supported to prevent any harm to ones self or to the vehicle.
7. Lower the vehicle slowly onto the stands.
8. Place a jack under the front axle as it will need to move independently from the frame.
9. Remove the front wheels using a 22mm deep well socket (if factory lug nuts are present).



Technician reminder:

Never work under a vehicle supported only by a jack. It is necessary to place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

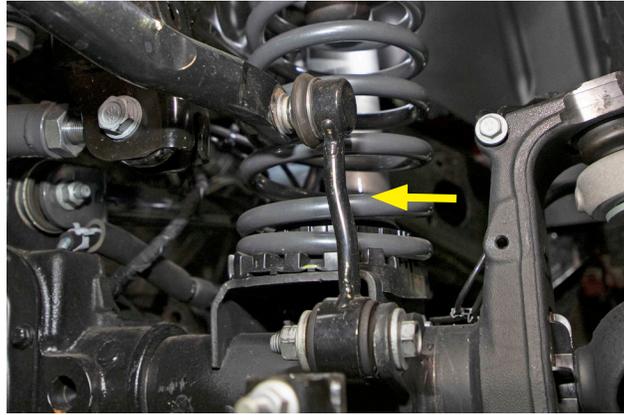
END LINK ASSEMBLY

Using the images below, please assemble the Heim ends of the adjustable length end links. Place a jam nut on the threaded shaft of the male Heim and fit the Heim assembly into the end link body. The front end links will have the Heim at the top and the rear end links will have the Heim at the bottom.

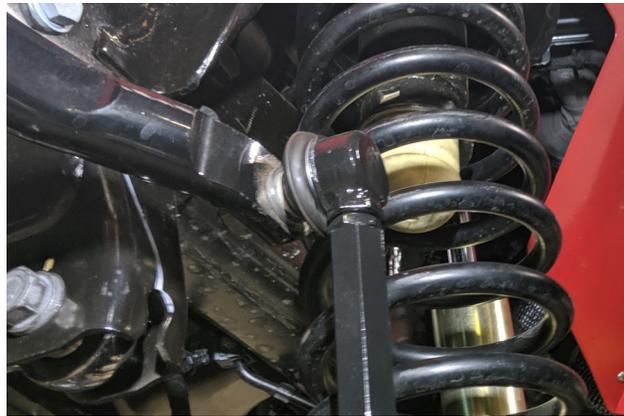


FRONT END LINK INSTALLATION

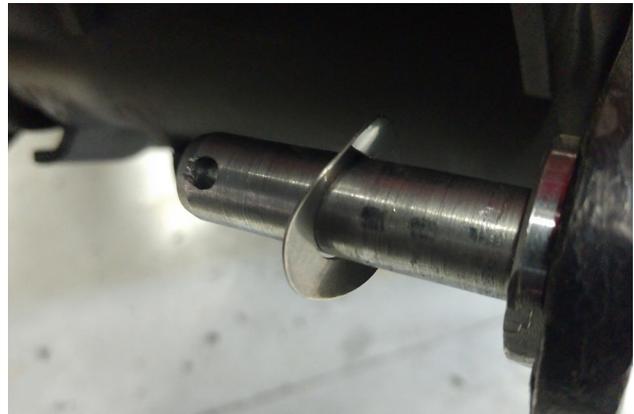
10. Remove lower end link bolt using two 18mm wrenches; save the hardware as it will be reused. Take note on the direction of the bends on the end links. The new end links will be installed in the same direction.



11. Remove the upper end link from the sway bar with a 6mm hex key and a 18mm wrench.



12. Place threaded pin into axle tab on driver side, facing inboard, with the cotter pin hole angled as shown. Hold the pin by the two flat surfaces to tighten the supplied nut. Place a spring washer on the pin as shown.

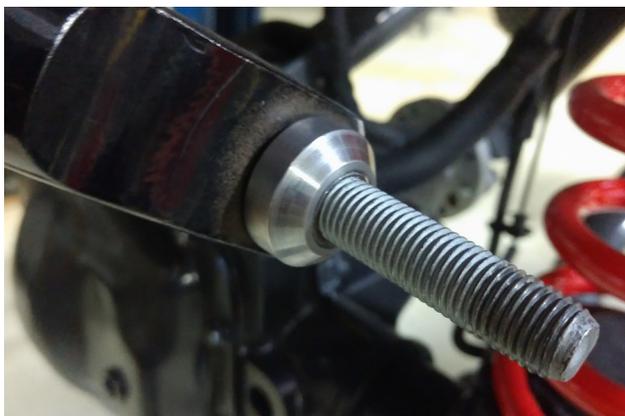


FRONT END LINK INSTALLATION CONTINUED

13. Insert the original lower sway bar bolts into the sway bar from the inside facing outward.



14. Install the new front end links with a cone spacer on each side of the upper Heim. Use the original lower nut on the drivers side. On the passenger side, use the supplied nylon lock nut. Torque the upper nut to 69 ft lbs. Leave the jam nut on the end link loose at this time.



15. Assemble the front passenger side quick release clevis pin with a spring washer as shown.



FRONT END LINK INSTALLATION CONTINUED

16. Insert the front passenger lower end link bushing into its location on the axle. Press the clevis pin through the bracket and insert the cotter pin to secure the clevis pin in place. Ensure cotter pin is fully seated on the clevis pin.



17. Slide the driver side end link onto the pin on the axle, and secure with cotter pin.



18. Adjust end links to the desired length. Tighten jam nut while keeping the Heim joint centered.



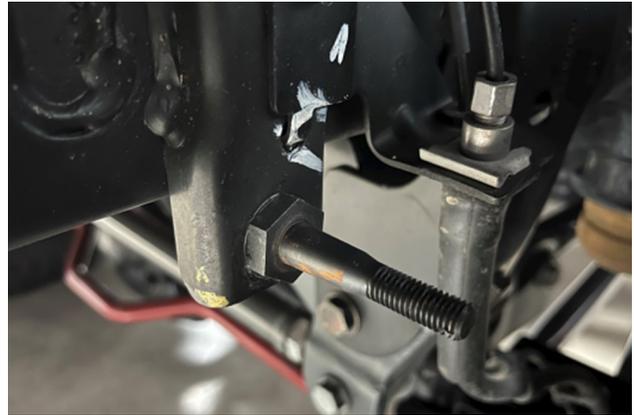
Technician reminder:

The sway bar arms must sit horizontal (parallel to the ground) as much as possible while the vehicle is at ride height.



REAR END LINK INSTALLATION

19. Remove the upper end link bolt with a 18mm wrench. Swing the end link out of the way and install the supplied clevis pin into the open end link mount hole with a 24mm wrench or deep socket.



20. Remove the end links from the sway bar using a 6mm hex key and a 18mm wrench. Allow the sway bar to swing away from the workspace.



21. To install the end link disconnect holder brackets, remove the lower shock bolt, and swing the shock out of the way. Attach the bracket to the lower shock mount; place the M12 x 1.75-25mm bolt through the existing hole in the lower shock mount and fasten the bolt with the M12 flag nut from inside the lower shock mount. Leave the bracket loose until the shock hardware is tightened.

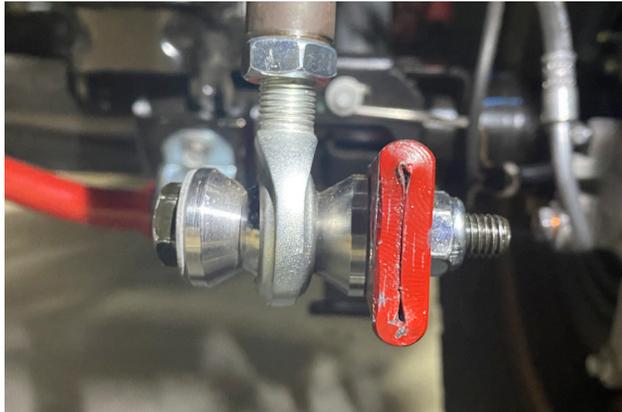


REAR END LINK INSTALLATION CONTINUED

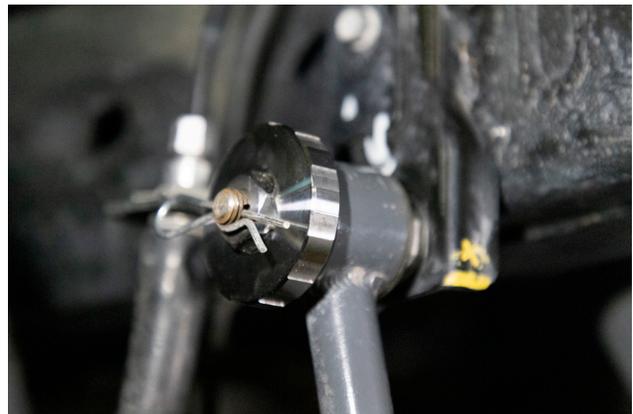
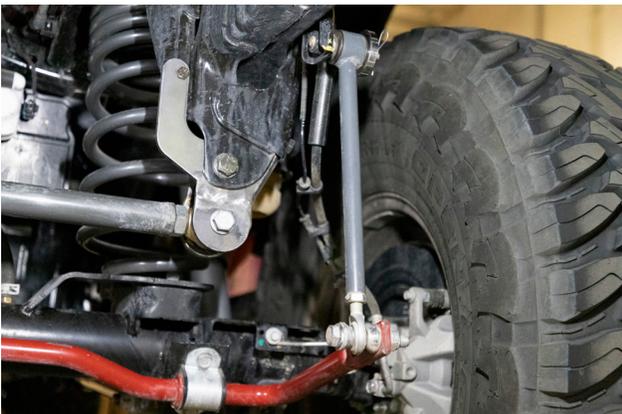
22. Insert the lower shock bushing into the lower shock mount and guide the OEM bolt through the original bracket and the new disconnect holder bracket. Tighten the M12 flag nut and bolt facing the rear of the vehicle first, then torque the shock bolt to 89 ft lbs.



23. Adjust end link lengths as necessary to hold the sway bar arms as parallel to the ground as possible; then tighten the jam nuts.
24. Attach the lower end links to the sway bar with a conical spacer on each side of the Heim and the original supplied hardware. Tighten with two 19mm wrenches and torque to 70 ft lbs.



25. Slide the end link onto the clevis pin and secure with the provided quick release nut and cotter pins. The nut can be tightened by hand for easy removal on the trail, or tightened using a wrench.

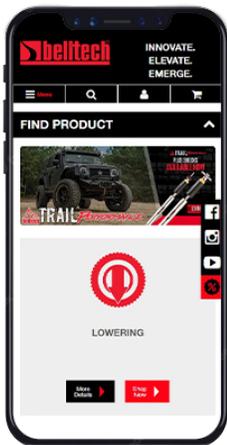


FINALIZING THE INSTALLATION

26. Mount the wheels and tighten the lug nuts.
27. Lift the vehicle and remove the support stands.
28. Carefully lower the vehicle onto the flat ground.
29. Torque the lug nuts to 130 ft lbs.
30. Check that all components and fasteners have been properly installed and torqued.
31. Read and perform all tasks in the “Before Driving Your Vehicle” section of page 1 of your instructions.

THANK YOU FOR CHOOSING BELLTECH.

You are now a part of the Belltech family and we are eager to catch a glimpse of your newly modified vehicle. Give us a shout out and let us know how much you love our product. Don't forget, we offer other Belltech related merchandise for you and your vehicle on our website www.belltech.com



belltechsuspension



Belltech Suspension



@belltechsuspension

If you have any questions, concerns, or warranty related issues regarding your Belltech product, please call or email our experienced customer service specialists.

Belltech Customer Support:

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KIT CONTENTS



153206-220		
Part number	Description	Qty
153206-217L-99	LR SWAY BAR DISCONNECT BRACKET	1
153206-217R-99	RR SWAY BAR DISCONNECT BRACKET	1
112161	2MM COTTER PIN	2
112162	HEX BOLT M12 X 1.75-25MM	2
112163	KNURLED THUMB NUT	2
116005-95	QUICK RELEASE STUD M10 X 1.5	2
153206-217-C-99	FLAG NUT M12 X 1.75	2