

MAXIMUS-3



JL/JT WRANGLER

FRONT TRACK BAR BRACKET FOR HIGH STEER

(Left Hand Drive Only)

PART #: JL5005HS

INSTALLATION GUIDES

Model Year Applications: 2018 - Current

PLEASE MAKE SURE YOU READ AND UNDERSTAND THE ENTIRE INSTALLATION GUIDE BEFORE YOU START. WE EXPECT YOU TO HAVE BASIC MECHANICAL ABILITIES TO PERFORM THIS INSTALLATION.

WE RECOMMEND THAT YOU SEPARATE AND IDENTIFY ALL THE PARTS AND HARDWARE KITS YOU RECEIVED WITH YOUR SHIPMENT BEFORE YOU PROCEED.



IMPORTANT

Follow these instructions precisely. Maximus-3 is not liable for any damage caused by improperly installed products. It is the purchaser's responsibility to ensure both the installation and maintenance are performed properly as set forth in this guide.

Parts List:

	<u>Qty</u>
Front Track Bar & High Steer Correction Kit	1
Optional: Steering Stabilizer Relocation Bracket	1
Hardware	
M14 x 80 Flange Hex Bolt	1
M14 Flange Hex Nut	1
Crush Bushing/Sleeve	1
3/8" x 3" U-Bolt	1
3/8" Flange Hex Nut	2
3/8" Flat Washer	2

Tools Required:

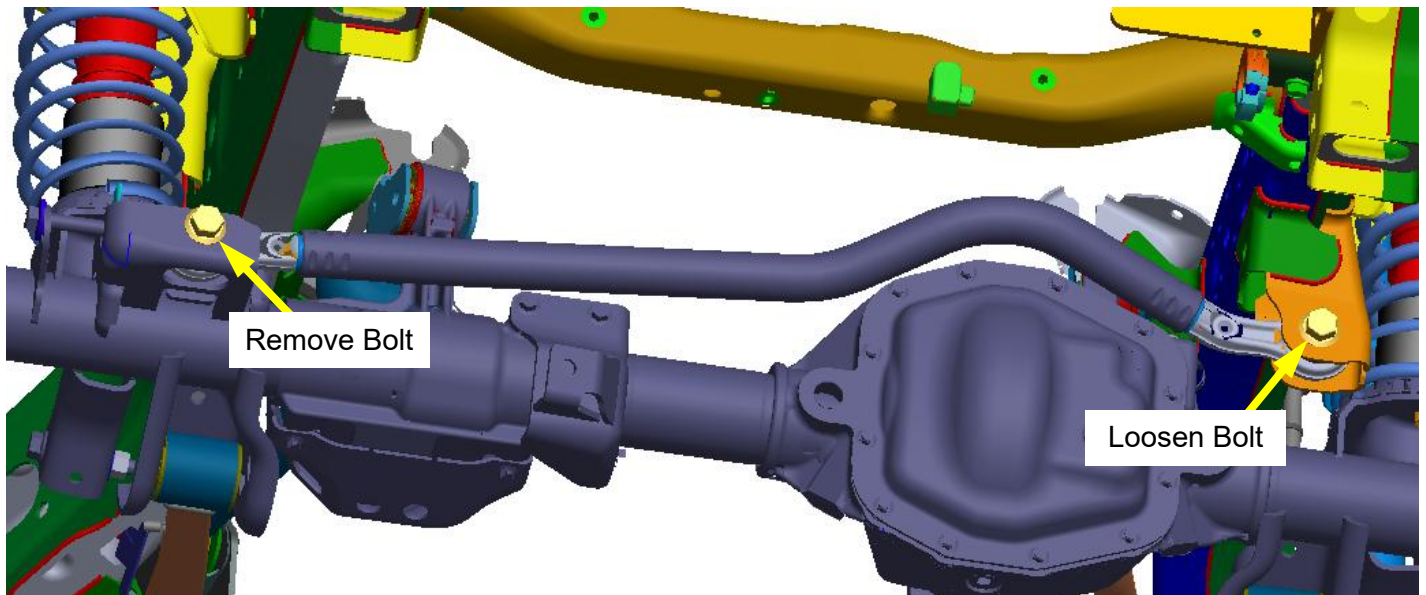
- Basic Hand Tools
- Metric Sockets/wrenches
- Floor Jack
- Jack Stands



INSTALLATION STEPS

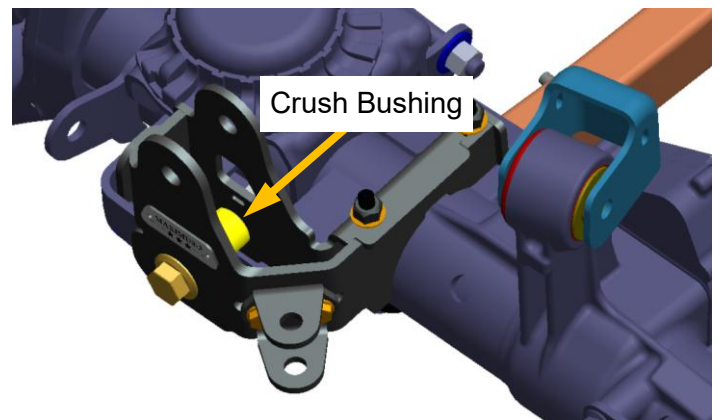
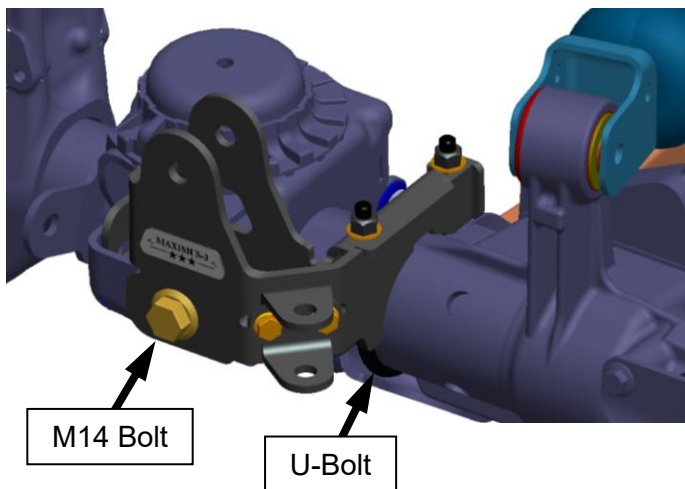
Estimated Install Time: 6 - 8 hours

- This bracket must be used in combination with a flipped/top-mounted draglink.
1. **Hoist the Jeep or jack it up and support from under the frame in the front using jack stands (about 22 inches off the ground) such that you can have access and work easily work in the area. Support the axle from the center with a floor jack.**
 2. **With the Jeep raised on jack stands, remove the front wheels.**
 - **Make sure you support the axle from the center with a floor jack.**
 3. **Remove and the axle-side track bar bolt and flag nut, and save for reuse later (see picture below).**
 4. **Loosen the frame-side Track Bar bolt, but do not remove.**
 5. **Remove the bottom bolt and nut from sway bar end link on passenger side and save for reuse later.**



6. Install Maximus-3 Front Track Bar Bracket as shown below:

- A. Insert the supplied U-bolt in location on the axle tube and hold up while you place Maximus-3 Track bar Bracket into alignment and loosely connect the U-bolt using washers and lock nuts supplied.
- B. Insert the supplied sleeve/crash bushing between factory bracket and Maximus-3 bracket as shown (you may need to pry the factory brackets apart or tap in the sleeve/crash bushing with a hammer) and align with factory track bar bolt hole.
- C. Insert M14 bolt supplied as shown, add flange nut and tighten (torque to 110 ft/lbs).
- D. Now tighten U-bolt nuts (torque to 18 ft/lbs).

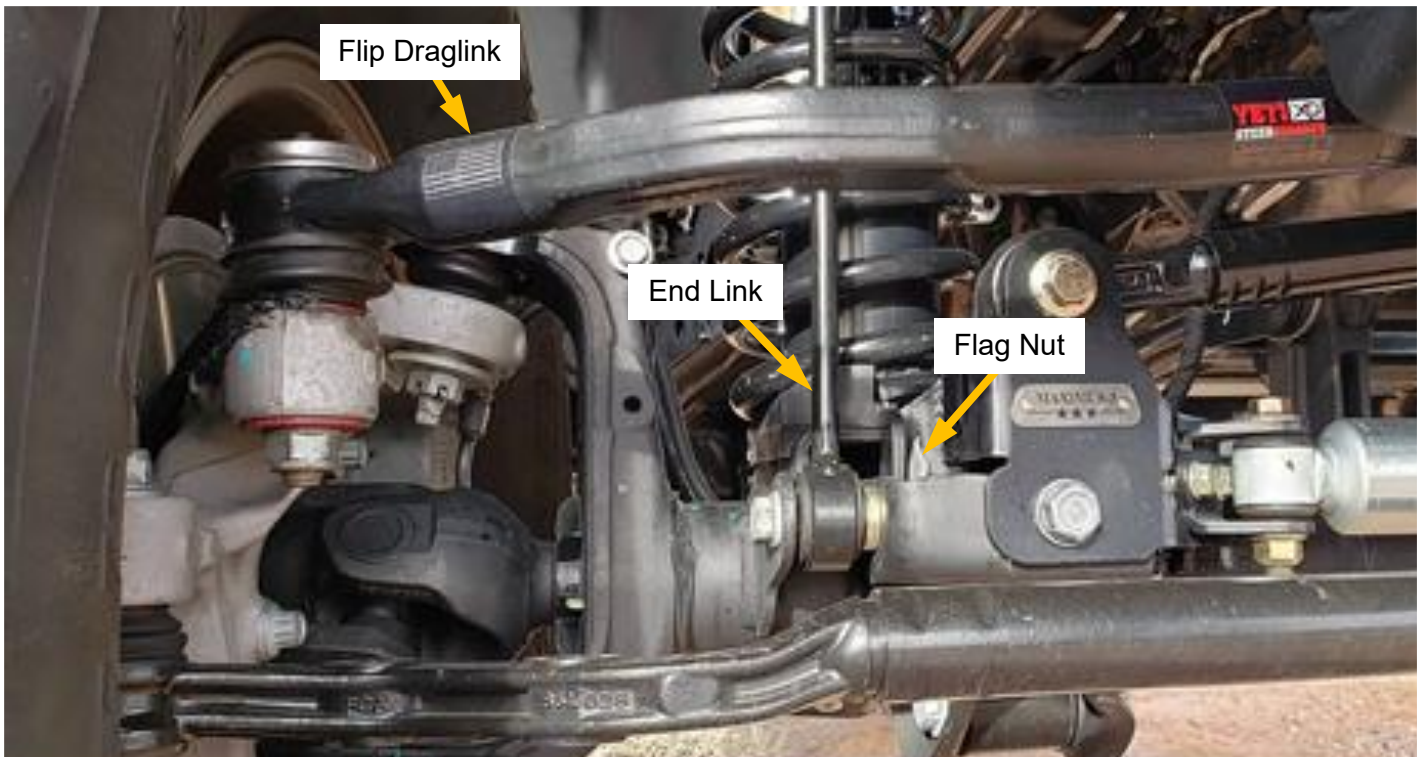


7. Reconnect factory track bar to new Maximus-3 bracket.

- A. Slowly raise the axle and line up track bar bolt hole with the hole in the new bracket.
 - You may need to pry the bracket apart to allow the track bar to drop in easily. Use the floor jack to maneuver the axle over to line up the holes. You can also use a ratchet strap to move the axle over.
- B. Connect the track bar using the factory M14 track bar bolt and nut - do not tighten for now.

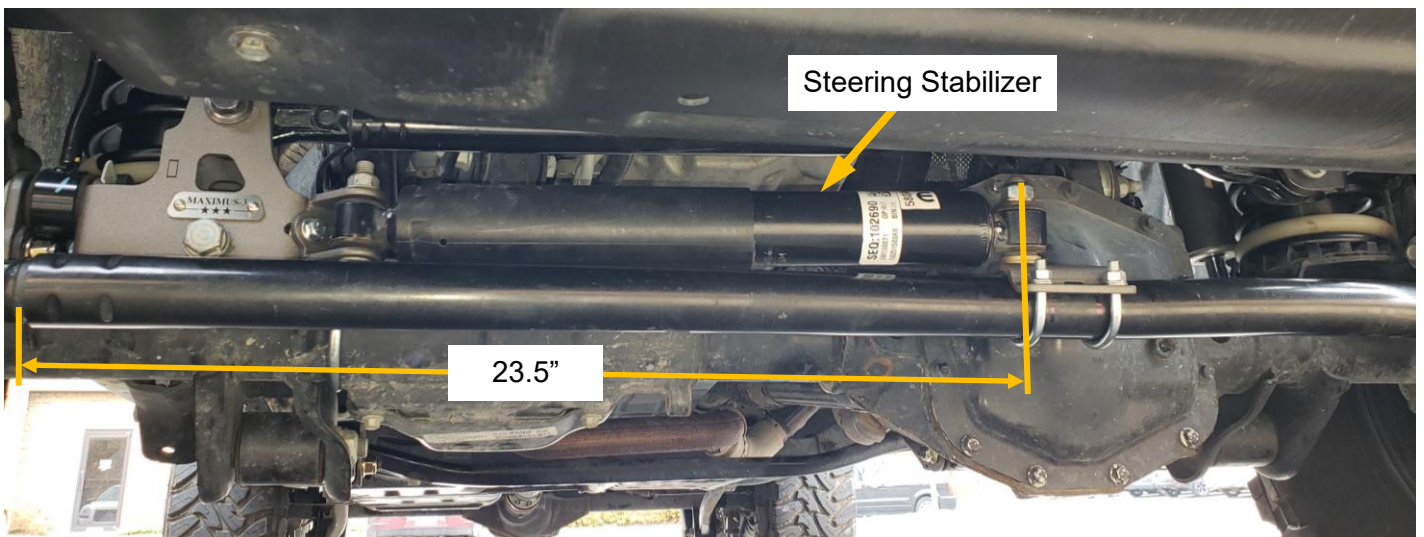
8. Reconnect the sway bar end link bottom bolt and nut.

- A. Using factory hardware, re-attach the sway bar bottom in the same orientation as the original factory.
 - Tighten the bolt and torque to 60 ft/lb.
 - Note: Flag nut goes behind the Maximus-3 bracket.



9. Optional: Install your Steering Stabilizer/Damper and Relocation Kit

- A. Disconnect your factory Steering Stabilizer/Damper from the axle bracket and from the tie rod bracket.
- B. Using factory hardware, connect your Steering Stabilizer rod end to the relocation tab on your Maximus-3 Track Bar Bracket. Note orientation of Stabilizer and make sure the bolt points up as shown below.
- C. Loosely bolt Maximus-3 Steering Stabilizer Stud to the tie rod using U-bolts supplied. Adjust the position of the stud on the tie rod to 23.5" from the edge of the tie rod tube to the center of the stud.
- D. Rotate the tie rod bracket until the stud is pointing about 90 degrees straight up and tighten U-bolts.
- E. Attach the tube end of your Steering Stabilizer/Damper to the tie rod stud using supplied spacer washer and flanged lock nut (torque to 37 ft-lbs).



10. Reinstall wheels and tighten lug nuts (torque to 130 ft-lbs), and lower the Jeep on level ground.
11. Now make sure you tighten all fasteners to specifications.

Your installation is complete. If you have questions regarding this installation, please contact us at info@maximus-3.com or call 248 821 6654.