

Installation Guide for Steer Smarts YETI Extreme Duty Tie Rod Assembly (07-18 Jeep Wrangler JK)

Installation Time: 2 hours

Tools Required:

- ✓ Basic Metric Mechanics Tool Kit
- ✓ Hammer/Ball Joint Press/Pickle Fork
- ✓ High Quality Grease & Grease Gun
- ✓ Jack and Jack Stands

Before Installation, remember that an alignment will be required after, and plan accordingly. Also, bear in mind that your OEM steering stabilizer clamp will NOT be reused on this bar. Aftermarket 1 5/8" clamp required. Instructions are not detailed for installation of new stabilizer clamp as each model varies significantly.

Installation Instructions:

1. Raise vehicle, support with jack stands, and remove wheels.



2. Using 15mm wrench or socket (on OEM), disconnect steering stabilizer.



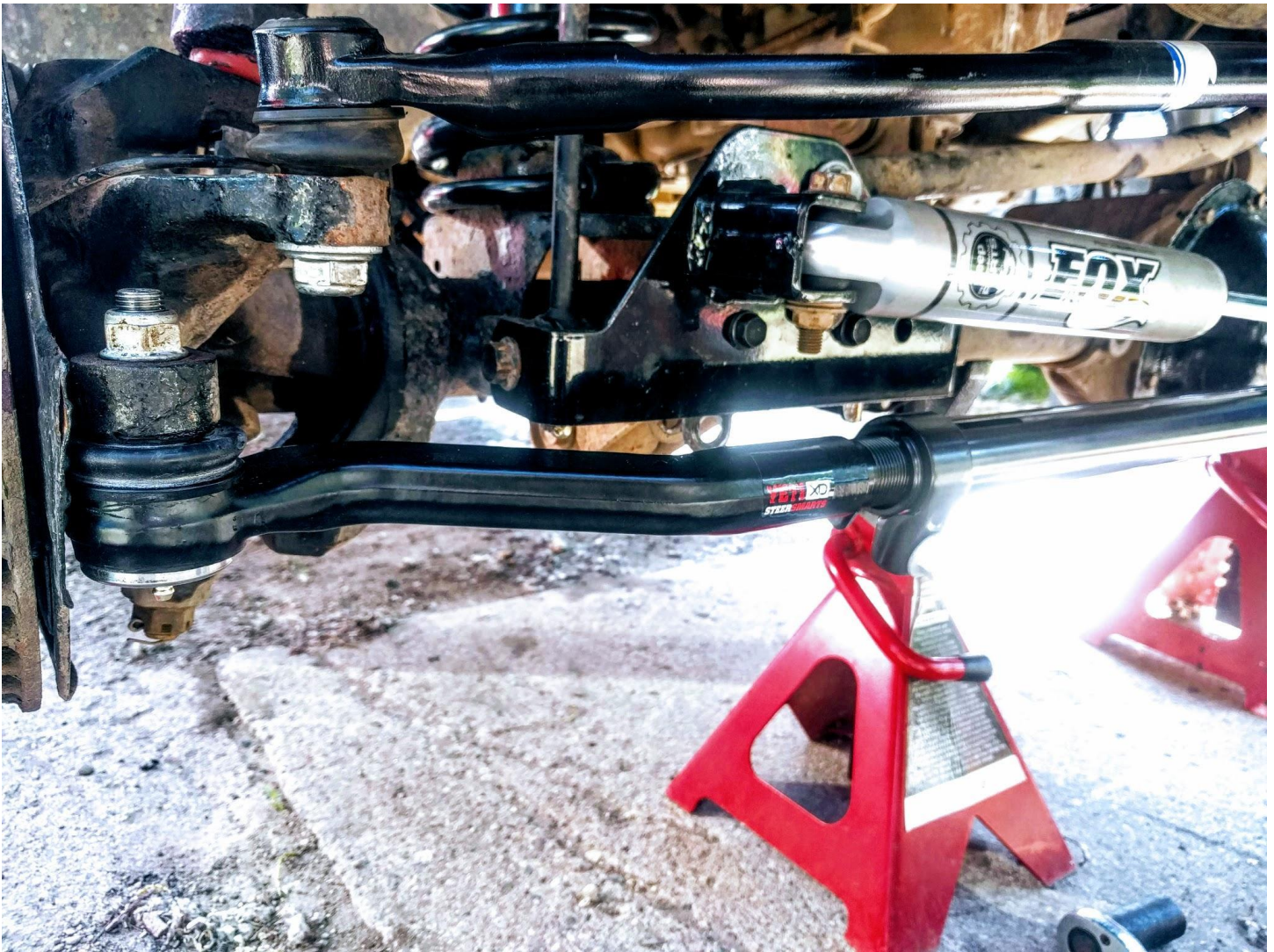
3. Using 21mm socket remove lock nuts from tie rod ends. Then tap carefully with hammer or use pickle fork/ball joint press to free tie rod ends from knuckles. Note: If bolt begins to spin in tie rod end while removing locknut, you can attempt to use 7mm allen to hold bolt while loosening nut with 21mm wrench. That wasn't possible for me, and the sawzall came into play.



4. Measure center to center on old tie rod assembly to get an idea of rough starting width to preset new tie rod assembly to. Thread new tie rod ends into ends of center adjustment bar. Keep in mind that one side is reverse threaded. DO NOT FORCE tie rod end into wrong end of bar or you may end up cross threading.
5. Prepare to lift new assembly into place. An extra pair of jack stands is a great way to stage the bar in roughly the right place/height.



6. Beginning with passenger side tie rod end, rotate into position and insert bolt through knuckle, thread locknut onto top side till handtight. Repeat on driver side. Torque both sides to spec of 73-78 ft lbs.



7. Even if you are taking vehicle to shop for alignment, it's a good idea to align wheels as close to alignment spec as possible for the drive over. Alignment is achieved by rotating center bar to achieve desired toe spec. Once desired alignment is achieved, torque center clamps to 45 ft lbs. using 15/18mm combo.



8. Remove 8mm grease zerks on bottom side of both tie rod ends. Install supplied rubber o-rings and protective cap, then reinstall grease zerk and grease tie rod ends until tie rod boots begin to swell. The caps could also be installed preinstallation, but I did not want to risk damaging them while wrestling the bar into place.



9. Install your choice of new stabilizer bracket and reconnect stabilizer shock according to bracket instructions.



Installation Instructions Written by ExtremeTerrain Customer Robert Stai 7/22/2019