



KRYPTONITE

POLARIS PRO R/TURBO R TIE ROD INSTALLATION INSTRUCTIONS

TOOLS REQUIRED :

- AUTOMOTIVE JACK
- JACK STANDS
- LARGE HAMMER/RUBBER MALLET
- LARGE CRESCENT WRENCH (2.5" JAW)
- 13mm 12 point Socket, 18mm socket, 24mm Socket, 28mm open ended wrench
- RED LOC-TITE
- LARGE CHANNEL LOCKS

1. On a clean and level surface, jack up the front end of the machine and remove the wheels/tires. Ensure you're supporting the machine with jack stands.
2. Next your going to carefully remove the dust boot clips at the steering rack. These clips should be replaced with zip ties upon reassembly.
3. Using an 18mm socket remove the nut from the outer tie rod end.
4. Once the outer end is removed you are going to walk the boot off of the steering rack and then loosen the inner joint from the rack.
5. At this time you will take measurements of the tie rods being removed. Use the image below as a reference and record your measurements.

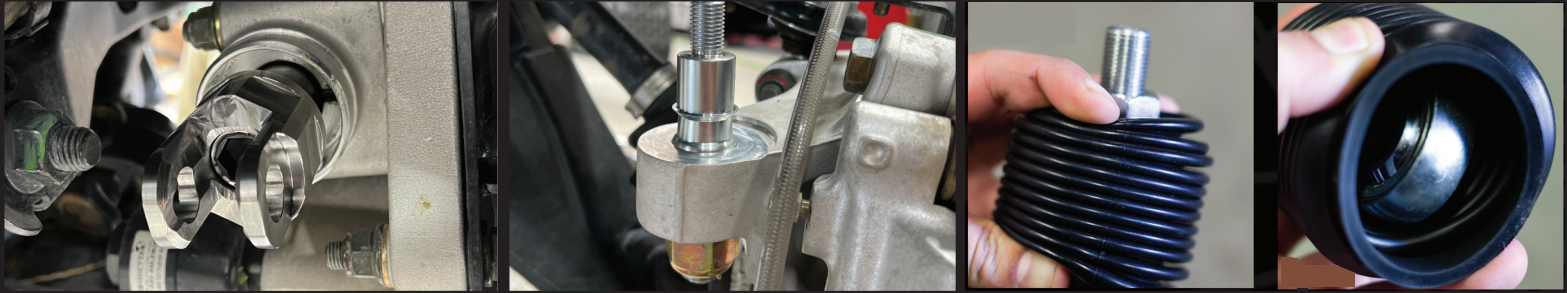


Driver :

Passenger :

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6. You are now going to prep the new tie rods for installation by removing the stud from the outer end. Additionally you are going to remove the inner heim and clevis from the tie rod body.
7. Install the studs in the steering knuckles, torque **stud nut** to **52 ft/lbs + 90°**. At this time remove the shoulder bolt/heim from the clevis and install the clevis onto the rack with **red loc-tite**. Torque the **allen bolt** to **80 ft/lbs**. (Pro tip: Stabilize the rack with your crescent wrench; use painters tape to protect the rack from any marring)



8. With the jam nut removed, drop the heim into the OEM dust boot working it onto the threaded shank. Reinstall the jam nut; thread it all the way on to fully seat the dust boot. (Shown above)
9. You are now going to thread the tie rod body back onto the heim joint and attach it to the clevis with the should bolt. Torque the **shoulder bolt** to **35ft/lbs**.
10. Seat the outer end onto the stud and install the **'top hat' nut**, torque to **25 ft/lbs**. Once tight install the cotter pin and secure it to the stud.
11. With the jam nuts loosened adjust the tie rod until you have matched your original measurements. Once complete tighten the **jam nuts** to **60 ft/lbs**
12. Slide the dust boot over the clevis and secure it with a zip tie. Reinstall wheels/tires and safely lower the machine back onto the ground.

* Job complete: Proceed to shred!

(Kryptonite No Fine Print Lifetime warranty)-Kryptonite steering and suspension components are warrantied for life to their original purchaser. This warranty is against any manufacturer defects, premature wear or breakage. Race it, jump it, off road it, wreck it, lift it, lower it, sled pull it, I think you get it? We don't care. If you can break it we will replace it.