



KRYPTONITE

2005-2023 SUPER DUTY RADIUS ARM INSTALLATION

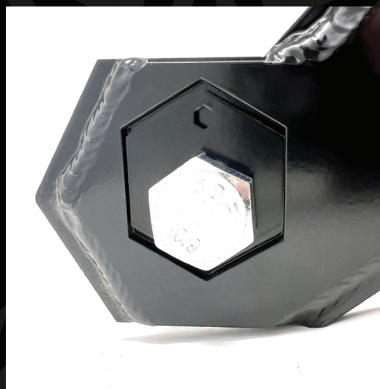
TECH TIP: ONLY REPLACE ONE ARM AT A TIME! FINISH TORQUE ONCE BOTH ARMS ARE INSTALLED WITH THE VEHICLE ON THE GROUND

1. Raise the truck on a lift until the suspension unloads, taking spring preload off of the axle. (Shocks/Sway bar may need to be disconnected). Removing the front wheel/tires will make for easy access to the forward hardware.
2. Loosen and remove the upper bolt on the radius arm at the axle.
3. Next loosen and remove the rear bolt at the frame allowing the radius arm to pivot on the lower forward bolt.
4. While supporting the radius arm remove the lower bolt. This will free the radius arm from the truck.
5. Set it aside and inspect the bushings on the axle, If worn/cracked replace them at this time.
6. Now in reverse order install your new Kryptonite radius arm. (Refer to **Figure 1** for caster plate orientation).
7. Ensure you have the longer **130mm** bolt paired with the caster plates on the lower bolt hole.

Figure 1



Lowest caster setting +2.0°
(stock/leveled)



Midway caster setting +3°
(3"-4" Lift with no drop bracket)



Highest caster setting +4°
(5"-6" Lift with no drop bracket)

Please note these are baseline settings. Supporting mods (Caster shims/drop brackets) may alter placement based on alignment needs.

Target caster numbers fall between 3.5° to 4.5°

****Continued on back****

8. Once the frame bolt is installed (use factory bolt) you will repeat steps 1-7 on the opposite side of the truck.
9. Now that both Death Grip Series radius arms are on the truck; support the axle with jack stands. You may need to lower the truck on the lift to aid in aligning the upper bolts (120mm).
10. Torque all fasteners with the vehicle on the ground to factory specifications (Torque listed below)
 - **Track Bar Bracket to Frame - 129 ft-lbs**
 - **Track Bar to Bracket Torque Spec - 406 ft-lbs**
 - **Track bar to Axle Nut - 185 ft-lbs**
 - **Radius Arm to Axle Bolts - 222 ft-lbs**

Product Safety Advisory

The installation of KRYPTONITE steering and suspension components will modify your vehicle's original factory equipment and geometry, which may cause it to handle differently than a stock (unaltered) vehicle. Installation of these components is not intended to strengthen nor reinforce the vehicle's frame, nor are they designed to increase rollover protection. It is necessary to periodically inspect all suspension and drive train components for proper attachment, torque specifications, operation, and for any potential unusual wear or damage. Installation of these parts will modify the height of the vehicle and may raise the center of gravity. Modifying vehicle height combined with off road operation may increase your vehicle's susceptibility to rollover conditions, which may cause serious injury or death. Many states regulate allowable vehicle height modifications, and it is your responsibility to know and comply with the legal requirements specified by the laws where you reside. Modifications to your vehicle's ride height may also affect the ride quality, driver input response, trackability and handling, and wear to your vehicle's suspension components and tires.

(Kryptonite No Fine Print Lifetime warranty)-Kryptonite steering and suspension components are warranted 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.

Warranty Excludes Heim style joints, Dust Boots, Sensor Wires and Bushings of any kind as these are regular maintenance type items.