



KRYPTONITE
HARD CORE STEERING ★ SUSPENSION PRODUCTS

2005-2022 F250/F350 SUPERDUTY STAGE 2 LEVELING KIT

IMPORTANT! READ THE INSTRUCTIONS BEFORE INSTALLATION!

A professional front end alignment will be required after installation is complete!

It is important to read all instructions from start to finish before beginning installation. If these instructions are not properly followed, suspension and tire damage can occur.

Vehicles with oversized tires should check ball joints, pitman arm, and unit bearings every 2500 to 5000 miles for excessive wear, replace as needed. We offer a wide range of heavy duty lifetime warrantied steering and suspension parts at [Kryptoniteproducts.com](https://kryptoniteproducts.com)

1. On a clean level surface chock the rear tires and jack up the front end of your truck supporting the frame with HD jack stands. Be sure to allow enough ground clearance in order to lower the front axle so you can remove the coil springs.

2. Remove the wheels and tires. Starting on the driver side, remove the shock followed by the brake line bracket, loosen track bar bolt, and disconnect the sway bar from the end link (Figure 1)



FIGURE 1



FIGURE 2

3. Next carefully remove the ABS sensor from the radius arm and disconnect the vent tube on the axle housing (driver side) seen in Figure 2.

4. Remove the track bar from the truck by disconnecting from the axle (passenger side) then the frame mount (driver side). You will want to take this time to disconnect the draglink at the knuckle and secure it to the frame with a hook or wire. (On models from 05-16 models; this would be a good time to remove the track bar ball joint if you are replacing it.)

5. Double check that all cable and brake line connections to the axle have been freed and or have ample slack. You will be lowering the axle next to remove the stock coil springs.

6. Now that the coils are out take advantage of the free space to remove the bump stop from the bracket as seen in figure 3. This will grant access to the bracket hardware which you will loosen to remove the bracket.



FIGURE 3

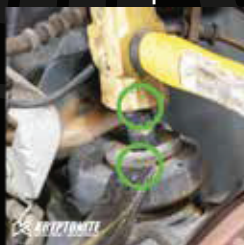
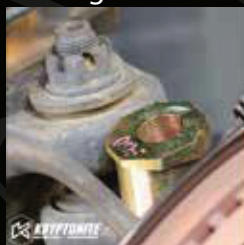


FIGURE 4

7. Install the spacer as shown in figure 4 with the provided bolts, then press the bump stop back onto the bracket.

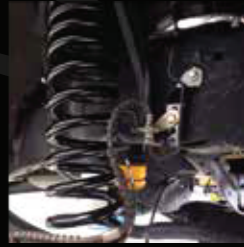
8. Onto the Kryptonite adjustable track bar. Start with the frame side first, leave the jam nuts loose. Secure the axle side with a strap or wire in the mean time as you will be manipulating the axle to install the leveling coils in the next steps.

9. Prior to installing the coil springs; the caster shims will be next. Remove the cotter pin and castle nut. Using a pry bar and brass or non marring hammer you will remove the OEM shim (Figure 5). Reassemble with new 2 degree caster shim ensuring the slotted side of the shim is pointed toward the rear of the vehicle.



Instructions Continued

10. With the caster shims installed it is time to set the coil springs. Ensure the coils are properly seating in the hats as well as the perches. Now gently lift the axle to capture the coils. (If limited to one jack, be sure to lift the axle as close to the center point as possible.)



11. Continue to lift the front axle until the coils begin to compress. You will now install the shocks starting with the pin tops letting them hang. As they hang you can either lower or raise the axle to make shock installation easier. *Mount the track bar-to-axle(184ft/lbs) and trackbar-to-frame nut(406ft/lbs) without tightening the jam nuts on the adjustment sleeve; reinstall wheel/tire combo.

12. Now adjust and reinstall the the drag link. Torque ends to factory spec (67ft/lbs). Do not tighten the adjustment sleeve just yet as you will need to center the steering wheel once the truck is on the ground.

13. With the truck now on the ground; shocks, track bar, and drag link in place. Adjust the track until you have the axle centered under the frame then snug the Jam nuts. This next part will be easier with extra hands and eyes; you will adjust the drag link with the goal of centering the steering wheel. Once straight, snug the adjustment sleeve on either end.

14. Remount the brake/ABS line tabs. For 2017+ models refer to Figure 6 (This may require gently bending the brake lines)



FIGURE 6

15. Secure ends links to sway bar. Begin your walk through ensuring all non adjustable fasteners are torqued correctly including lug nuts. It's time for alignment. If you are driving/trailing the truck to the alignment shop be sure the adjustment points are tight.



(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