



Ford Stage 2 Leveling Kit

KRF005STAGE2FOX

Removal:

Step 1 - Park on a level surface and chock rear tires. Raise the front of the truck and support with jack stands under the frame. Ensure enough ground clearance to lower the front axle.

Step 2 - Remove the wheels & tires. Starting on the driver side, support the front axle & remove the shock, the brake line bracket, and disconnect the sway bar from the end link (figure 1).



Step 3 - Carefully remove the ABS sensor from the radius arm and disconnect the vent tube on the axle housing (Figure 2).

Step 4 - Repeat step 2 on the passenger side. Then, lower the axle to remove the coil springs.

Step 5 - Remove the track bar from the truck by disconnecting from the axle (passenger side) then the frame mount (driver side). Disconnect the draglink at the knuckle and secure it to the frame with a hook or wire.

Step 6 - Once coil springs have been removed, remove bump stop and lower spring perch (Figures 3 & 4).



Step 6 - Remove the cotter pin and castle nut. Using a pry bar or non marring hammer, you will remove the caster 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.



Installation:

Step 1 - Reinstall the castle nut and cotter pin. Torque to factory spec (69 ft-lbs).

Step 2 - With the caster shims installed it is time to set the coil springs. Ensure the coils are properly seating in the hats & perches. Gently lift the axle to capture the coils.

Step 3 - Lift the front axle until the coils begin to compress.

Step 4 - Install the shocks starting with the pin tops, letting them hang.

Step 5 - Mount the track bar to axle (184 ft-lbs) and trackbar to frame nut (406 ft/lbs) without tightening the jam nuts on the adjustment sleeve.

Step 6 - Reinstall wheel & tires. Adjust and reinstall the the drag link. Torque ends to factory spec (85 ft-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.

Step 7 - With the truck now on the ground, adjust the track until you have the axle centered under the frame then snug the jam nuts.

Step 8 - Adjust the drag link to center the steering wheel. Once straight, snug the adjustment sleeve on either end.

Step 9 - Remount the brake/ABS line tabs.

Step 10 - Secure ends links to sway bar. Ensure all non-adjustable fasteners are torqued correctly. It's time for alignment. If you are driving/trailing the truck to the alignment shop be sure the adjustment points are tight.

⚠ IMPORTANT SAFETY & LEGAL INFORMATION

Installation should be performed by a qualified technician. Improper installation may result in vehicle damage, loss of control, serious injury, or death.

Always support the vehicle securely with jack stands. Never rely on a jack alone.

Verify all components are installed correctly and torqued to specification before operating the vehicle.

After installation, inspect suspension and steering components and check for proper clearance through full travel.

Re-torque all hardware after initial use and periodically thereafter.

User assumes all responsibility for compliance with local laws.

Manufacturer is not responsible for damage or injury resulting from improper installation, misuse, or modification.

By installing this product, the user accepts all risk and liability associated with its use.

Do not exceed manufacturer vehicle load, towing, or performance limits.