



Ford Stage 1 Leveling Kit (Fox Shocks)

KRF005STAGE1FOX

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 - 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 (**89 ft-lbs**).

Step 2 - Install the bottom mount spacer & coil perch with the provided hardware. Torque to **98 ft-lbs**.

Step 3 - Ensure the square side of the spacer is facing the tire (figure 6).

Step 4 - Line up the dimple on the bump stop spacer with the alignment tab on the bump stop bracket. Now reinstall with provided hardware. (Bump Stop **22 ft-lbs**).



Step 5 - Reinstall your coil springs, be sure they are properly seated on the upper cushion and lower perch. Now lift the axle to secure the springs and install your new shocks.

Step 6 - With the shocks installed, reattach brake line brackets (For 2017+ models refer to Figure 7), reattach sway bar to end links, vent hose, and ABS wiring clip on the driver side radius arm.

⚠ 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.