



# Truck Torsion Key Lift

Ford Ranger & Explorer & F150 Keys

Thank you for choosing Fat Bob's Garage lifts kits. We recommend that all lift kits be installed by a certified professional that is knowledgeable of disassembly and reassembly procedures. Post installation checks are always recommended after installing aftermarket parts. Installing parts without proper knowledge and tools may jeopardize the integrity and safety of a vehicle, and Fat Bob's will not be accountable for improperly installed parts and vehicle damage.

Lifting a vehicle does cause the center of gravity to rise and rollover may become easier, always avoid situations where a rollover may occur and always wear seat belts. Larger tires will cause braking performance to decrease. Mixing of brands and lift components is not recommended.

1. Park vehicle on level ground and take before measurements to use for reference when adjusting the height on the new keys. LF\_\_\_ RF\_\_\_ LR\_\_\_ RR\_\_\_
2. Block the rear wheels and jack up the front of the vehicle and support with jack stands on the frame so the front wheels are off the ground.
3. Remove the front tire and wheel assemblies.
4. Measure the torsion key adjuster bolts for reference points for later reinstallation. Left Side\_\_\_ Right Side\_\_\_ (Figure 1)



Figure 1



Figure 2

5. Remove the adjuster bolts from the torsion key keeper using a socket and save for later reinstallation. (Figure 2)
6. Using the Universal Torsion Key Unload Tool (Figure 3) or Ford Unload Tool, carefully unload the torsion key and remove the keeper.

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Figure 3

7. Remove the keys from the torsion bars. Sometimes the keys rust weld to the bar the use of an air hammer and striking the back of the bar through an access hole in the back of the torsion bar cross member. This usually breaks the bars free from the keys.
8. Install new keys onto the bars in the same location as the old ones were located on the bar.
9. Load the new key using the torsion key tool or ball joint press and reinstall the keeper in the cross member.
10. Reinstall the torsion key adjuster bolts and adjust using a socket to the stock location for the time being.
11. Reinstall the wheel and tire assemblies and lower the vehicle back on the ground.
12. Place vehicle on level surface and adjust the ride height accordingly using measurements from earlier do not adjust height more than 3 inches from stock height.
13. Have the vehicle aligned by a certified shop and enjoy your newly lifted truck.