



2011- Present Chevy and GMC HD Truck Torsion Key Lift With Shock Extenders Part# 5059

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 using 22mm socket.
4. Measure the torsion key adjuster bolts for reference points for later reinstallation. Left Side___ Right Side___ (Figure1)



Figure1



Figure2

5. Remove the adjuster bolts from the torsion key keeper using 21mm socket and save for later reinstallation. (Figure 2)
6. Using the torsion key unload tool (figure3) or a ball joint press can also be used, (figure4) carefully unload the torsion key and remove the keeper.



Figure3



Figure4

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 thru 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. **Now that the suspension is unloaded the shock extenders will need to be installed.**

10. Remove the lower shock bolt and nut using 21mm socket and 21mm wrench and save for reinstallation. Push the shock up out of the way and install shock extender. Use stock bolt to mount the extender to the control arm shock mount. (Figures 5 & 6)



Figure 5



Figure6

11. Turn the shock 180 degrees and lower down onto the extender mount attach with new provided hardware using 13/16 socket and 7/8 wrench. Tighten all shock hardware at this time, and repeat steps 10 and 11 on the opposite side. (Figure7)



Figure7

12. Load the new key using the torsion key tool or ball joint press and reinstall the keeper in the cross member.
13. Reinstall the torsion key adjuster bolts and adjust using 21mm socket to the stock location for the time being.
14. Reinstall the wheel and tire assemblies and lower the vehicle back on the ground.
15. Place vehicle on level surface and adjust the ride height accordingly using measurements from earlier do not adjust height more than 2 ½ inches from stock height.
16. Have the vehicle aligned by a certified shop and enjoy your newly lifted truck.

Torque Specs

Lug Nuts: 140ft/lbs

Lower Shock Mount Bolt: 84ft/lbs

Provided Bolt for Shock Relocation Bolt: 84ft/lbs

Tools Required

Jack and Jack Stands

Impact Gun or Ratchet

22mm Socket

21mm Socket

13/16 Socket

21mm Wrench

7/8 Wrench