

Fat Bob's Garage

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Toyota Tundra 2007-Present New Body Style

Adjustable Coil-Overs

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. Position truck on a level surface and lift vehicle by the flat areas on the frame and place jack stands under the frame.
2. Remove the skid plate. Some models may have 2 skid plates. 12mm socket is needed. (Figure 1)



Figure1



Figure2

3. Remove lug nuts from both wheels.
4. Using a 24mm socket, loosen, but do not remove the driver side lower control arm bolts. This will allow the lower control arm to move freely. Do not remove alignment cams. (Figure 2)

5. Using a 19mm socket, loosen and remove sway bar end link bolt on the lower control arm. (Figure 3)



Figure3



Figure4

6. Using a 22mm socket, loosen and remove lower strut mounting nut and bolt from lower control arm. (Figure 4)

7. Using a 14mm wrench, loosen, but do not remove, the four upper strut mounting nuts. (Figure 5)



Figure 5



Figure6

8. Loosen and remove the two 22mm bolts that connect the lower ball joint to the spindle. Please take caution; the lower control arm will swing down as soon as you remove the lower ball joint bolts. Holding the strut with one hand, remove the four 14mm upper strut mounting nuts. Remove the strut, being careful not to damage the CV boot on 4WD models. (Figure 6 & 7)



Figure 7

9. Install strut into vehicle and install the new nuts provided, but do not tighten. Using a jack, raise the lower control arm and guide both the lower strut mount and the sway bar end link into their respective pockets. Install the lower strut mounting bolt and nut, torque to factory specifications (144 ft. lbs.). Use Loctite if necessary. (Figure 9)



Figure 9



Figure 10

10. A pry bar may be needed to align mounting holes for the end link bolt. Install 19mm bolt and torque to factory specifications (89 ft. lbs.).

11. Install the two 22mm lower ball joint bolts starting with the rear bolt first as it is easier to line up with the spindle. Torque to factory specifications (221 ft. lbs.), use Loctite where necessary. (Figure 10) Tighten the four 14mm upper strut mounting bolts and torque to factory specifications (33 ft. lbs.).

Tighten the lower control arm bolts and torque to factory specifications. Use Loctite where necessary.

12. Repeat the previous steps on the passenger side of the vehicle. Follow each step closely making sure to double check the torque on all fasteners and use Loctite where necessary.

13. Reinstall both wheels to factory torque specifications (Steel wheels 154 ft. lbs/ Aluminum wheels 97 ft. lbs.).

14. After installation an alignment must be performed by an experienced technician. It is recommended that you have the vehicles alignment checked immediately after installing this kit and after getting new tires.

Note: Coil measurements from the bottom of the adjuster sleeve to the bottom of the coil seat is set at 2" for 3" of lift on most vehicles. Engine size and cab size play a factor in the amount of lift height. The adjustment ratio is .75" to 1".