

## Front SPACER INSTALLATION INSTRUCTIONS FOR 07 Tundra

**Read all of the installation instructions prior to installing this lift kit. ToyTec Lifts L.L.C. recommends that this lift be installed by a certified auto technician.**

*-The following tools will be needed:*

*coil spring compressor, floor jack, large jack stands, and metric tools.*

1. Park on level concrete surface with steering wheel centered.
2. Block rear wheels to prevent vehicle movement.
3. Jack the front end up and secure the vehicle on large jack stands.
4. Remove front wheels/tires.
5. Remove the sway bar link from the lower control arm on both sides. (Fig1)
6. Loosen and remove the sway bar mounts from the frame. Remove the swaybar.
7. Remove the outer tie rod ends, making sure to not damage the dust boot (Fig 2).
8. Remove the lower bolt that goes through the shock/coil-over. (Fig 3)
9. Remove upper 4 nuts that hold the coil-over to the upper shock tower. (Fig4)
10. Remove the coil over assembly from the vehicle. (Fig 5)
11. **Note the alignment of the top plate studs in relation to the lower shock hole Before compressing the coils, These must be aligned the same prior to uncompressing the coils and reinstalling on the vehicle.**

12. Compress the spring in a suitable spring compressor. (Fig 6)

IF YOU DO NOT HAVE A HEAVY DUTY SPRING COMPRESSOR OR THE SKILLS REQUIRED TO COMPRESS SPRINGS, IT IS RECOMMENDED THAT YOU TAKE THE COIL-OVER TO A QUALIFIED SERVICE PROFESSIONAL! MANY PARTS STORES, AND AUTO SERVICE CENTERS DO THIS.

13. Remove the top nut on the shock that holds the shock and spring together. Note the order of the washers and bushings on the shock shaft, both above and below the top plate.

14. Remove the top plate from the spring and pull the rubber isolator off of the top plate.

15. **2" or 2 1/2" lift SPACERS** Install the large main spacer on the top plate. Next, slide the stock rubber isolator over the small side of the spacer. (Fig 7)

**3" LIFT SPACERS ONLY**- Remove the O.E. top plate studs. This can easily be done by hand with a hammer and vise, or a socket on the ground. Replace the removed studs with the longer supplied bolts.

16. Reinstall the top plate, new ToyTec Lifts spacer and isolator. You will need to compress the springs more to allow for the spacer. Align the bolt heads with the slots in the spacer.

NOTE: The main spacer and top plate spacers have "out" stamped on them and must be aligned with the "out" stamp on the OE top plate for proper installation.

17. Align the top plate bolts with the lower shock bolt hole, as you noted in step # 8 prior to disassembly. Tighten the top shock nut onto the shock and top plate assembly.

18. Decompress the spring making sure the alignment of the top plate studs doesn't shift.

**3" LIFT SPACER ONLY**- Align the "top" marks on the ToyTec Lifts top plate spacer with the marks on the O.E. top plate and place the spacer on top of the coil-over as shown in fig 7.

19. Install the coil-over back onto the truck- Slide the top of the coil-over back into place in the tower. Loosely thread the top plate shock tower nuts back on the top plate studs. Install the lower shock bolt and tighten the nut/bolt. Tighten the top plate stud nuts.

NOTE: You may have to pry down on the lower control arm to replace the lower shock bolt.

20. Reinstall the sway bar, ball joint bolts and ALL other BOLTS, NUTS, SKID Plate and any other parts that were loosened or removed!! Recheck all of your bolts and nuts after 15 miles and periodically thereafter. (Fig 9 shows the ft. spacer installed).

21. Reinstall the tires/wheels and torque down all bolts and lug nuts.

NOTE: A front end alignment must be done after the spacer install

### **Disclaimer & Limitation of Liability:**

All lift kits raise the center of gravity, making the truck less stable in turns, and off camber situation! Thus increasing the chance of roll over!

ToyTec Lifts L.L.C. cannot be held responsible for any damages or personal harm resulting from the installation of this lift kit.

