



ADD-A-LEAF INSTALLATION INSTRUCTIONS

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Prior to installation, please read all install directions and paperwork provided.

ToyTec Lifts L.L.C. recommends that all components be installed by a certified automotive technician.

1. Park on a level concrete surface with the tires straight and steering wheel locked in the center position.
2. Block/chock the front wheels, both in front and behind the tire to prevent vehicle movement.
3. Jack the rear end of your vehicle up using a floor jack positioned on the axle pumpkin. Secure the vehicle on suitable large jack stands from the frame on both sides. Leave the floor jack under the axle pumpkin with some upwards pressure on it.
4. Remove both rear wheels/tires.
5. Disconnect the E-brake cable via the pins attached to the drum brake levers on both sides (**'95.5-'04 Tacoma only**).
6. Remove the shocks on both sides.
7. Be certain that the axle is well supported and remove the axle U-bolts, axle plates, bump stops, and all hardware on both sides. Slowly lower the axle so there is enough room between the spring perch and spring to install the add-a-leafs. **Be careful not to overextend the rear soft brake line leading from the axle to the frame!**
8. Using 2 large C-clamps hold the spring assembly securely together on each side of the spring centering bolt. Loosen and remove the bolt. A pair of vice grips may be needed to hold the center bolt head from spinning while removing the nut.
9. Taking note as to the order the leaf pack is assembled, carefully loosen and remove the C-clamps. Note the placement of any shims or spring dividers for re-assembly. **If your factory leaf springs have a roll pin through the leaf springs, it will need to be removed and discarded**
10. Apply a small amount of grease to the friction pads of the add-a-leaf and place it in the correct place within the leaf pack.
11. **Note that the add-a-leaf must be placed in the correct order- Longest leaf being on top (main leaf) and progressing to the shortest on the bottom (overload spring). The add-a-leaf should be below the main leafs and above the short thick overload leaf. IF YOUR ADD-A-LEAF HAS A LONGER SIDE THAN THE OTHER, THE LONGER END OF THE ADD-A-LEAF SHOULD BE FACING TOWARD THE REAR OF THE TRUCK. DO NOT INSTALL THE ADD-A-LEAF BELOW THE OVERLOAD SPRING!**
12. Use a screwdriver or small punch and line up the individual leafs and then slide the center pin up through the leafs. Squeeze the thinner leafs within the pack together using C-clamps, continually aligning the center holes. **NOTE: If your lift kit is supplied with the solid steel axle shims, place the center bolt through the shim center hole prior to installing the center pin in the leaf pack. The thinner end of the shim should face toward the front of the vehicle.**

13. **USE C-CLAMPS TO PULL THE SPRING PACK TOGETHER, NOT THE SPRING CENTER BOLT!** Torque the center bolt to manufacturer specs and cut most of the remaining threads off the centering bolt so the bump stop fits correctly.



14. Re-install all bump stops, U-bolts, axle plates, washers, and nuts. Torque U-bolt nuts to manufacturer specs.
15. If your kit came with a Brake Proportioning Valve Bracket Kit now is a good time to install this.
16. Re-install shocks, E-brake cables, and rear wheels. Torque all bolts and lug nuts to manufacturer specs.
17. Lower the vehicle and test drive.

Recheck the torque of all bolts/nuts which have been taken apart during the installation of this lift after 15 miles, and periodically thereafter.