

# TERAFLEX

## INSTALLATION GUIDE

# Installation Guide for the TJ 1-inch body lift kit (BL1T)

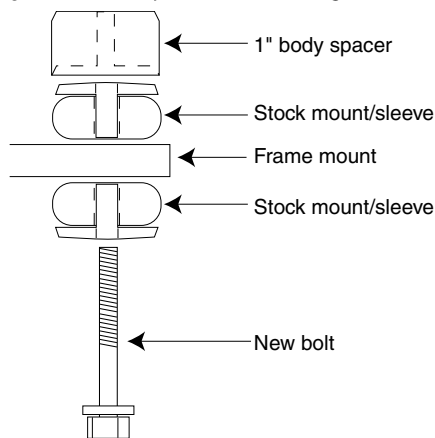
### Preparation/Disassembly

1. Remove the four screws holding the fan shroud to the radiator. The fan shroud will be re-installed one inch lower after the body lift is installed.
2. Disconnect the transfer case shift linkage. To do this remove the four 10mm screws on the drivers side floor board (you must pull up the carpet to access these bolts). Underneath the vehicle remove the two 10mm bolts that attach the bracket to the transfer case. Set all of these parts aside for re-assembly later.
3. Loosen all 11 body mount bolts. Starting with the driver's side of the vehicle remove the body mount bolts, including the front radiator support mount bolt.

**Note:** For ease of installation, it is recommended that the body lift is installed one side at a time.

4. With a 2x4 piece of wood and floor Jack raise the tub up from the frame enough to fit the 1" aluminum spacer between the bottom of the tub and the rubber stock mount (See illustration for exploded view).

**Note:** When lifting the body from the frame be sure to check all wires, hoses and fuel filler neck to prevent stretching.



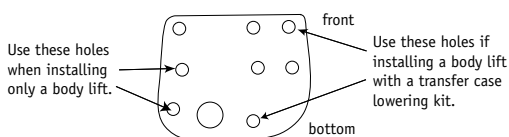
6. Replace the stock bolt taken out with the new included bolt, but do not tighten the bolts yet.

**Note:** Radiator/Grill mount uses the 7/16"x4" bolt. Body mount positions 2, 3 & 4 use the 1/2"x4.5" bolts, and 5 & 6 use the 7/16"x3.5" bolts.



7. Install the radiator support bracket with the supplied 3/8" self tap bolt. Use a 5/16" drill bit to make a starter hole.
8. Repeat steps 4-7 for the passenger side body mounts.
9. With the new 1" body lift spacers installed, re-torque all body mount bolts to factory specifications. Do not over-tighten.
10. Use the supplied transfer case shift linkage plate to lower the mounting point of the shift linkage. The bracket faces down with the supplied 1/4" bolts, and lock nuts securing the plate to the bracket.

Each body lift kit includes:  
 11 Aluminum body lift spacers  
 2 Radiator brackets  
 1 Shift linkage plate  
 6 Bolts (1/2" x 4.5")  
 4 Bolts (7/16" x 3.5")  
 1 Bolt (7/16" x 4")  
 2 Bolts (1/4" x 3/4")  
 2 Self-tapping bolts (3/8" x 1")  
 2 Lock nuts (1/4")  
 6 Flat washers (1/2")  
 5 Flat washers (7/16")



**Note:** For TJ models 2003 and newer, a new shift linkage plate may be needed. Order separately TeraFlex part # SLK03.



11. Re-attach the transfer case linkage bracket to the bottom of the tub. Attach the linkage with bracket to the transfer case.
12. To properly re-align the fan shroud it may be necessary to lower it one-inch to clear the fan blades. Re-drill new mounting holes in the shroud at the new position.
13. Re-attach fan shroud and check to see if fan can rotate without interference. Check all wires, hoses and fuel filler neck for clearance of all lines.
14. Check all bolts after the first 500 miles.

**Tera Manufacturing, Inc.**  
 5251 South Commerce Dr.  
 Murray, Utah 84107  
 Phone/801.288.2585  
 Fax/801.713.2313  
 www.teraflex.biz