

TERAFLEX

INSTALLATION GUIDE

Installation Guide for the WK Grand Cherokee and XK Commander Budget Boost Part #001361200



NOTE: This kit provides 2 inches of lift.

Think safety when installing your new suspension lift. The TeraFlex suspension kit you are about to install was designed specifically for the WK Grand Cherokee and XK Commander.

Warning: Disassembly of the vehicle suspension is required and should only be performed by a qualified technician. A wheel alignment will be required after installation of the suspension lift.

This Kit Includes:	QTY:
Front Strut Spacers	2
Rear Coil Spacers (1 or 2 piece design)	2
12 mm nuts	8
Flat Washers	8
10mm x 75mm bolts and washers	2

INSTALLATION:

These instructions are meant only as a guideline for the installation procedure and are not meant as the definitive source. The Factory Service Manual should be used in conjunction with this instruction guide when installing the components. Read this instruction guide thoroughly before beginning the installation process.

Be sure you have all needed parts and know where they will be installed. Read each step completely as you go. If any parts are missing from the kit please call 801-288-2585 for replacement. Take every precaution to make this installation a safe procedure. Make safety the number one priority with any suspension or lift installation. Read all safety, warranty, and maintenance information included at the end of the instruction guide.

FRONT INSTALLATION:

1. The front suspension struts must be removed to install the Budget Boost spacers. Before raising the vehicle, disconnect the negative battery cable. Jack up the vehicle and secure with jack stands.

2. Remove the air hose from the air filter box and move the coolant overflow bottle to provide access to the strut upper mounting nuts on the passenger side.



3. Remove the fasteners and move the Power Distribution Center to gain access to the driver side strut upper mounting nuts. **Do not disconnect the wires.**



4. Raise the vehicle and support it with stands. Make sure it is supported high enough to remove the front suspension strut assemblies.

5. Remove the front tires.

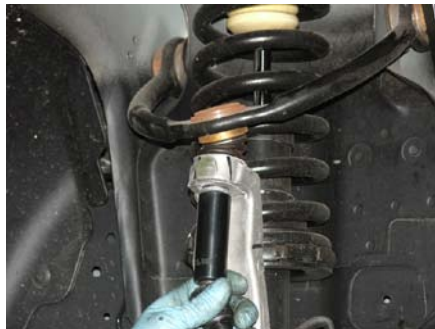
6. Disconnect the anti sway bar link at the lower control arm.

7. Disconnect the tie rod end at the knuckle.

8. Remove the large nut from the end of the axle shaft so the shaft won't pull out of the front axle when you tilt the steering knuckle away from the vehicle.



9. Use a floor jack to support the lower control arm and remove the upper ball joint nut. Separate the ball joint from the upper control arm.



10. Lower the floor jack to relieve all spring tension and remove the lower strut mounting bolt where it mounts through the lower control arm.

11. Working from above, remove the 4 nuts that secure the strut to the inner fender/unibody and remove the strut from the vehicle as an assembly.

12. Install the new TeraFlex strut spacer to the top of the factory strut using the supplied washers and nuts.

NOTE: You might have to grind some of the pointed tip off the factory studs to clear the new spacer studs.



13. In order to install the strut with the 2 inch spacer it is necessary to remove the lower control arm mounting bolts at the sub frame. Mark the position of the bolts and remove them to allow the lower control arm to drop down just enough to install the longer strut. Do not completely remove the control arm or knuckle.



Attach the lower end of the strut and use the floor jack to raise the control arm and strut up into place, then install the 4 upper nuts. Reinstall the control arm lining them up the cam bolts as near as possible to the original location.



14. Reassemble the steering knuckle, tie rod, sway bar link and axle center nut in the reverse order of removal.

15. Complete the same steps on the opposite side to finish the front installation.



REAR INSTALLTION:

1. Remove the rear tires.

2. Support the rear axle and remove the rear sway bar links and rear shocks

3. Remove the axle end bolt on the left rear upper control arm.

4. Carefully lower the rear axle and remove the springs.

5. Remove the yellow urethane bumpstop and unbolt the bumpstop cup.



6. Install the upper coil spacer along with the isolator pad and bumpstop cup removed in step 5. Use the longer bolt provided in the kit - 10 mm x 75 mm long.

7. Reinsert the yellow urethane bumpstop and reinstall the rear coil spring.

8. Repeat these steps on the opposite side of the Jeep.

9. Reassemble in reverse order.

10 Set alignment to factory specifications and enjoy!