

TERAFLEX

INSTALLATION GUIDE

Installation Guide for the TJ Quick Disconnects Kit

Part #1743010/001743012 (Skin Packed)

Part #1743090/001743092 (Boxed)

Tera Manufacturing, Inc.
5247 South Commerce Dr.
Murray, Utah 84107
Phone/801.288.2585
Fax/801.713.2313
www.teraflex.biz



Part #1743010(1743090) is for vehicles with two to four inches of lift.
Part #1743012(1743092) for vehicles with zero to two inches of lift.

Note: Part #1743012(1743092) does not include brake line extensions.

Warning: DO NOT use these disconnects with only one side connected.

Sway bar link and lower pin installation.

1. Remove the stock sway bar links. After removing the sway bar links, identify the left and right quick disconnects. One way to tell is that the bolt head will point away from the vehicle in its final position.

Place the sleeve on the threaded bracket bolt and screw the quick disconnect assembly into the hole vacated by the previous bolt.



2. Once the assembly has been inserted into place, please make sure that the grease zerk points downward away from the vehicle. Add the washer and bolt and secure.



3. Using a 9/16" wrench tighten the bolt.



Revised 07 Oct 2008

4. Attach the sway bar stud to the lower mount bracket. Insert the stainless steel stud in the hole vacated by the stock sway bar arm so that the threaded end of the stud points away from the vehicle.

NOTE: *It is highly recommended to use loctite on the stud.*

5. Using a 3/4" wrench tighten the stud to the stud mount.



6. Slide the sway bar link onto the stud, WD-40 may help to lubricate the polyurethane bushing allowing it to slide on easier.



7. Secure the link to the stud with the flat washer and pin.



Upper link installation

1. Use the connected sway bar arm to determine the proper location for the securing stud. Position the arm out of the way and mark the center of the bushing where it rests against the frame. This is where the securing stud will be attached.



Note: Because the frame is so thick we recommend drilling a small pilot hole into the frame first.

2. Using a 5/16" bit, drill through the pilot hole.



3. Use a tap wrench and a 3/8" (16 TPI) tap to thread the hole for the stainless steel securing stud. Extra care should be used to make sure the tap is perpendicular to the frame.



4. With a pin in the stud, twist the securing stud into place. A drop of Loc-Tite on the stud's threads will help keep it secure.



5. Once the securing stud is ready, you can attach the disconnected sway bar arm out of the way against the frame.



Note:

Remember to grease your sway bar quick disconnects whenever you change your oil. We recommend greasing them at least every 3,000 miles. It is also a good idea to grease after going through water and when the quick disconnects become difficult to move. Lubricants like WD-40 on the stainless studs will make moving the quick disconnect arms much easier.

Warning:

When off-roading never disconnect just one link of the disconnects. Both links must be disconnected when used off-road. Failure to do so can cause premature failure of the links, pins and studs, voiding all applicable warranties.

Brake line extension installation

1. Remove the Torx bolt holding the brake line to the frame.
2. Line the bracket up with the holes in the frame so that the bracket extends down.
3. With the bracket in place, use the Torx bolt to secure the bracket to the frame.
4. Pull the brake line assembly down until it lines up with the lower holes in the new bracket.
5. Using the 1/4" bolt and nut supplied, secure the brake line to the bracket.



Optional Accessories Available-

HD Oil Pan Skid Plate (Part #4667100)

The HD Oil Pan Skid Plate is another way to protect the underside of your vehicle. It fits all TJ Wranglers from 1997-2006.

HD Gas Tank Skid Plate(Part #4940071)

This skid plate protects the gas tank and can be used in the stock mounting position for maximum ground clearance.

TeraFlex FlexArms

front upper flexarms (Part #1613800)
rear upper flexarms (Part #1614800)

TeraFlex Vehicle Specific Shocks (Part #1543334, 1544334)

TERAFLEX **PRODUCT INFORMATION**

MAINTENANCE INFORMATION:

It is the buyer's responsibility to have all suspension, drivetrain, steering, and other components checked for proper tightness and torque after the first 100 miles and every 3,000 miles after that.

NOTICE TO INSTALLER:

The enclosed "Warning to Driver" sticker must be installed in the vehicle in driver's view. This sticker is to act as a constant safety reminder when operating the vehicle. It is your responsibility as the equipment installer to install the provided sticker and to forward the product instructions to the vehicle's owner for review. If a "Warning to Driver" sticker or product installation guide were not included in the kit, FREE replacement stickers and instructions are available by request. It is the installer's duty to ensure a safe and controllable vehicle after the modifications have been performed.

WARNING:

Neither the seller nor the manufacturer will be liable for any loss, damage, or injury directly or indirectly arising from the use of or inability to determine the use of these products. Before using, the user shall determine the suitability of the products for its intended use, and the user shall assume all responsibility and risk in connection therewith.

WARNING TO DRIVER:

This vehicle has been modified to enhance off road performance and has unique handling characteristics. Because of the higher center of gravity and larger tires, this vehicle handles and reacts differently than many passenger cars, both on and off road. You must drive it safely! Extreme care should be taken to prevent vehicle rollover or loss of control, which can result in serious injury or death. Avoid sudden sharp turns or abrupt maneuvers. Generally, braking performance and capabilities are decreased when significantly larger/heavier tires are used, especially when used in combination with transfer case low-range reduction kits. Take this into consideration while driving. Do not add, alter or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the Tera Manufacturing product purchased. Mixing component brand is not recommended. Tera Manufacturing will not be responsible for any altered product or any improper installation or use of our products. We will be happy to answer any questions concerning the design, function, and correct use of our products. It is ultimately the buyer's responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then every 3,000 miles. Wheel alignment, steering system, suspension and drive line systems must be inspected by a qualified professional mechanic at least every 3,000 miles.

TERAFLEX PRODUCT WARRANTY:

Tera Manufacturing warrants TeraFlex Suspension products to the original retail purchaser to be free of defects in material and workmanship for as long as the original purchaser owns the vehicle on which products were originally installed.

Failure to complete regular maintenance (grease every 3,000 miles) on TeraFlex FlexArms will void this warranty. All other conditions of the standard Tera Mfg. product warranty apply.

All TeraLow products are covered by Tera's two (2) year warranty to be free of defects in material and workmanship for two year's from date purchased.

Tera axles are covered by a 12-month warranty to be free of defects in materials and workmanship.

The TeraFlex T-Locker is covered by a three (3) year warranty to be free of defects in materials and workmanship.

This warranty does not cover or include product finish, improperly installed or applied products, improperly maintained products, products or components used for racing or competition or damage due to abuse or neglect, products that fail due to the use of larger tire and wheel combinations.

All returns must be accompanied by an original invoice. It is the customer's responsibility to remove the product from the vehicle. Shipping charges are the responsibility of the customer. Tera Manufacturing will pay the return freight.

This warranty is for the replacement or repair of defective TeraFlex products only and does not include freight charges, labor charges for removal of or installation of TeraFlex or related products or components, costs incurred due to down time of the vehicle, or lost profits due to vehicle down time.

A returned goods authorization number (RGA#) must accompany any returned products. For more information please contact a TeraFlex customer service representative.