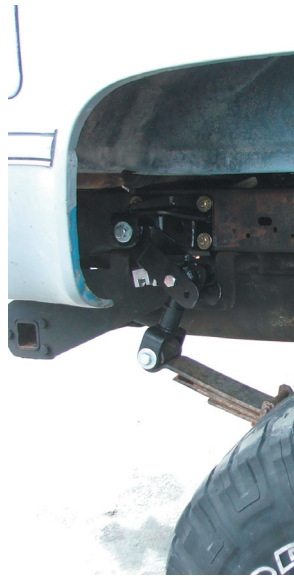


TERAFLEX

INSTALLATION GUIDE

Installation Guide for the Full Size Revolver Shackle and Shackle Mounting-Arm Kit Part #001914200



This Kit Includes:	QTY:
Frame Brackets	2
Revolver Shackles	2
Hardware Kit	1

Applications: fits 1973 – 1987 ½ ton and ¾ ton GM and Chevy trucks and Full Size Blazer (K5)

Since the factory rear spring shackles are tension shackles the frame mounting brackets must be removed and replaced with new shackle mounts that change the shackle to a compression shackle. This allows the Revolver Shackle to open when the axle droops.

The shackle mount brackets that come with the TeraFlex Revolver Shackle kit provide 2.5 inches of lift over stock height.

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INSTALLATION WARNING:

We recommend that certified technicians perform this installation. Attempts to install this product without proper training or experience may jeopardize the safety of you and the vehicle. 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.

Installation:

1. Raise and support the rear of the vehicle high enough that the rear axle can be lowered for removal of the rear spring shackle.
2. Remove the rear tires.
3. On some models the tailpipe will have to be re-routed to clear the new shackle location.
4. Remove the shocks.
Note: Longer shocks will be required to take full advantage of the increased droop of the Revolver Shackle.
5. Remove the rear spring to shackle bolt and lower the spring and rear axle down enough to get full access to the factory shackle and mounting bracket.



6. Remove the factory rear shackle brackets by grinding or drilling the rivets and then driving them out with a hammer and punch. On Blazer/Jimmy and Suburban models, the fuel tank will have to be removed to allow access to the inside frame rails.
7. Remove the rivets holding the lower shackle bracket and drive out the rivets.
8. Drill all the old rivet holes with a 7/16 drill bit and paint the area of the frame that will be covered by the new shackle mount bracket.



9. Install the new TeraFlex shackle mount using the supplied hardware.
10. Install the Revolver Shackle to the mount and raise the rear axle up enough to install the spring to the end of the Revolver Shackle.
Note: Now is a good time to replace the spring bushings if they are not in the best shape.
11. Finish the installation by torquing all bolts to manufacturers specifications. Reinstall the shocks

or install new shocks now to allow full suspension movement.

12. Install new tailpipes that will not interfere with the movement of the Revolver Shackle.

Note: Install the shackle locking pins and leave them in at all times except when off-road when driving at slow speeds. Installation of Revolver Shackles will change the way the vehicle operates off-road. Please take the time to familiarize yourself with the new capability of the vehicle and avoid situations that could lead to vehicle damage.

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 3000 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 3000 miles. Wheel alignment, steering system, suspension and drive line systems must be inspected by a qualified professional mechanic at least every 3000 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 3000 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.