

# TERAFLEX

INSTALLATION GUIDE

## TeraFlex Flex Arms

All control arms have been set to stock length before leaving the factory. Flex Arms will give years of trouble free service, when properly maintained.

Proper maintenance includes greasing the arm a minimum of every month and if used heavily off-road, greased before and after every trip. All arms have a central grease zerk for the threads. Some arms have additional zerks at each end bushing. Greasing the arms and bushings forces out contaminants such as dirt and water and ensures a long quiet life. Failure to grease these Flex Arms will void any applicable warranty.

Install the Flex Arm with the zerk end of the arm towards the frame, with the zerk facing up, out of harms way. Grease before use!

Retorque lower control arm bolts to 130-145 ft. lbs., and 37-47 ft. lbs. for upper arms.

Remember grease, grease, and more grease.

### **factory control arm lengths**

- all front upper control arms- 15 1/8"
- all rear upper control arms- 13 1/4"
- all TJ lower and ZJ front lower arms- 15 3/4"
- XJ front lower control arms- 16 1/4"
- ZJ rear lower control arms- 16 11/16"
- WJ front lower control arms- 16"
- WJ rear lower control arms- 19"

### **TJ long arms**

- TJ front lower long arms- 32 1/2"
- TJ rear lower long arms- 31 7/8"

These measurements are meant only as a guide. These are the suggested starting lengths. Control arm lengths will vary depending on axle/tubes used. Maximum adjustment from factory length is +/- 3/4".

Adjustments can be made to the front arms to adjust the caster, and to the rear to adjust the pinion angle. Flex Arms may be lengthened or shortened if necessary. Adjusting the arms in or out more than 3/4" from factory settings will void any warranty.

**TeraFlex, Inc.**  
5680 W Dannon Way  
West Jordan, UT 84081  
Phone/801.288.2585  
Fax/801.713.2313  
www.teraflex.com

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# 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 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.

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