

TERAFLEX

INSTALLATION GUIDE

Installation Guide for the JK RockGuard Rear Bumper Part #004654100



Warning: Bumpers are heavy. Make sure you have a suitable jack or use one or two helpers to remove and install the bumper.

Note: If you have the factory option towing receiver you can continue to use it with the TeraFlex RockGuard rear bumper.

INSTALLATION:

1. Support the bumper and remove the bolts holding the factory bumper to the frame.
2. Keep track of the four 12 mm bolts that go into the side of the frame as they will be used to hold the new TeraFlex RockGuard bumper in place.

Note: The TeraFlex RockGuard bumper mounts on the outside of the frame rails. There is a tab with a captive 3/4 nut that slides inside the frame tube.

3. This is where you need a helper. While one or two people lift the bumper into place, install the factory bolts

4. removed in step 1 into the two forward holes on the bumper mounting brackets. Install them finger tight only.
4. Line up the larger rear mounting hole in the bumper bracket with the nut insert inside the frame and install both 3/4 inch bolts with the supplied washers.
5. There is some play in the holes so you can visually align the bumper with the body and the fender flares. Slowly tighten each of the bolts and when you are satisfied with the alignment fully tighten the mounting bolts.

Torque specifications:

- Tighten 3/4 inch bolts to 120 ft. lbs.
- Tighten stock 12 mm bolt to 40 ft. lbs.

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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.