

## 780 Professional Drive N. Shreveport, LA 71105 Phone (318)-524-2270 Fax (318)-524-2297 www.highlifter.com

Read before Installation

This product is designed for use on ATVs and/or RUVs for **extreme conditions**. Purchasers should be aware that use of this product **will** increase the frequency of required maintenance, part wear, **will** raise the center of gravity on your ATV and/or RUV, will increase stopping distance, will decrease turning radius and will increase risk of roll-over, injury and death on all types of terrain.

## It is your responsibility to always inform other operators and passengers of this vehicle and about the added risks.

Adding or modifying any OEM or aftermarket part will usually void factory warranty. This product could interfere with other aftermarket accessories. If the user has aftermarket products on machine, contact High Lifter Products to verify that they will work together. It is up to the end user or installer to verify this product works in conjunction with all other accessories installed. Adding aftermarket suspension components and/or more aggressive tires can cause breakage of other OEM driveline components such as differentials, axles or drive shafts.

We recommend that wider tires and/or wheel spacers be used to achieve a wider stance and to improve stability of the ATV or RUV. Riders should be advised that the handling characteristics of a taller ATV or RUV are different and require extra care when riding, particularly on side hills, off-camber situations, turning and stopping. If you further raise the center of gravity by adding taller tires, heavy loads, or by any other means, the ATV or RUV must be operated with even more care, at slower speeds and on relatively flat ground. All turns should be done at a slow speed, even on level ground.

Operation of an ATV and/or RUV with or without modified suspension components, while or shortly after consuming alcohol or drugs, subjects the rider to the risk of serious bodily harm or possible death. This risk is compounded if the rider does not wear an approved helmet and other safety gear. High Lifter urges that all approved safety gear be worn when riding an ATV or RUV as a driver or passenger.

By purchasing and installing this product, user agrees that should damages occur, High Lifter Products will not be held responsible for loss of time, use, labor fees, replacement parts, or freight charges. High Lifter Products will not be held responsible for any direct, indirect, incidental, special, or consequential damages that result from any product purchased from High Lifter Products. The total liability of seller to user for all damages, losses, and causes of action, shall not exceed the total purchase price paid for the product that gives rise to the claim. Since this is an extreme product, the manufacturer specifically disclaims any liability for consequential damages or accidents injuries, or death, in connections with the use of this product.

If this product is not what you expected, or is not consistent with your intended use, you should return the product immediately to the seller, <u>before installation</u>, for a refund of the purchase price; less any fees. After installation, product is warranted for one year for defects in workmanship and materials. Axles have a one year warranty for one break. Additional breaks will be charged a repair fee depending on the problem. High Lifter Products will warranty only parts provided by High Lifter Products. Any damage or problems with OEM housings, bearings, seals, or other manufacturer's products will not be covered by High Lifter Products. Parts and products will not be warranted if item was not installed properly, misused, or modified.

## Dealers and other Installers

You are responsible for informing your customer and end user of the information contained above and the increased potential hazards of operating an ATV or RUV equipped with modified suspension components. If you install any suspension modifying components, it is your responsibility to also install the warning label prominently in view of the driver and in prominent view of the driver and passenger on RUVs and multi-passenger ATVs. They should also be instructed to notify anyone operating the vehicle, as well as any passengers, that said vehicle is modified.

As discussed above, it is critically important that they be instructed in the need for slower speed operation, regardless of terrain, after this kit is installed.

## NOTE VERY IMPORTANT: In order to keep from damaging the shock threads and spring adjuster you need to make sure that the threads are clean from dirt. The threads on the shock are easily damaged!!!

- 1. For the next steps you will need a spring compressor or a way to compress the factory spring. Use the same steps as you did for the front.
- 2. Before you compress the spring on the shock you will need to adjust the tension on the shock to the lowest setting or to where the spring has the least amount of tension on it. You do this by adjusting the collar all the way down towards the shock eyelet.

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3. Compress the spring and remove the retaining collar from the shock.



4. Now remove the spring and center spring collar.





- 5. There are two different springs for this kit. There is a 6" tall spring with a 300 rating for the front and there is a 7" tall spring with a 400 rating for the rear. Install the 6" spring at this time. You will follow the same steps for the rear using the 7" spring.
- 6. Place the new spring onto the shock.



7. Reinstall the center spring collar and spring. Compress the spring and reattach the spring retaining collar.



