

# HIGHLIFTER

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

***Thank you for purchasing a High Lifter Lift Kit***



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***Mon-Fri 8am - 5pm CST***

- ***sales@highlifter.com***
- ***800-699-0947***

### Read before Installation

This product is designed for use on ATVs and/or RUVs to increase ground clearance and fender clearance. Purchasers should be aware that use of this product may increase the frequency of required maintenance, part wear, and will raise the center of gravity on your ATV and/or RUV, increasing 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 about the added risks.

High Lifter Products, products are designed to best fit user's ATV/RUV under stock conditions. Adding, modifying, or fabricating any OEM or aftermarket parts will void warranty. High Lifter Products, products 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. 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 and/or RUV. Riders should be advised that the handling characteristics of a taller ATV and/or RUV are different and require extra care when riding, particularly on side hills or off-camber situations. If you further raise the center of gravity by adding taller tires, heavy loads to racks or seats, or by any other means, the ATV and/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 and/or RUV as a driver or passenger.

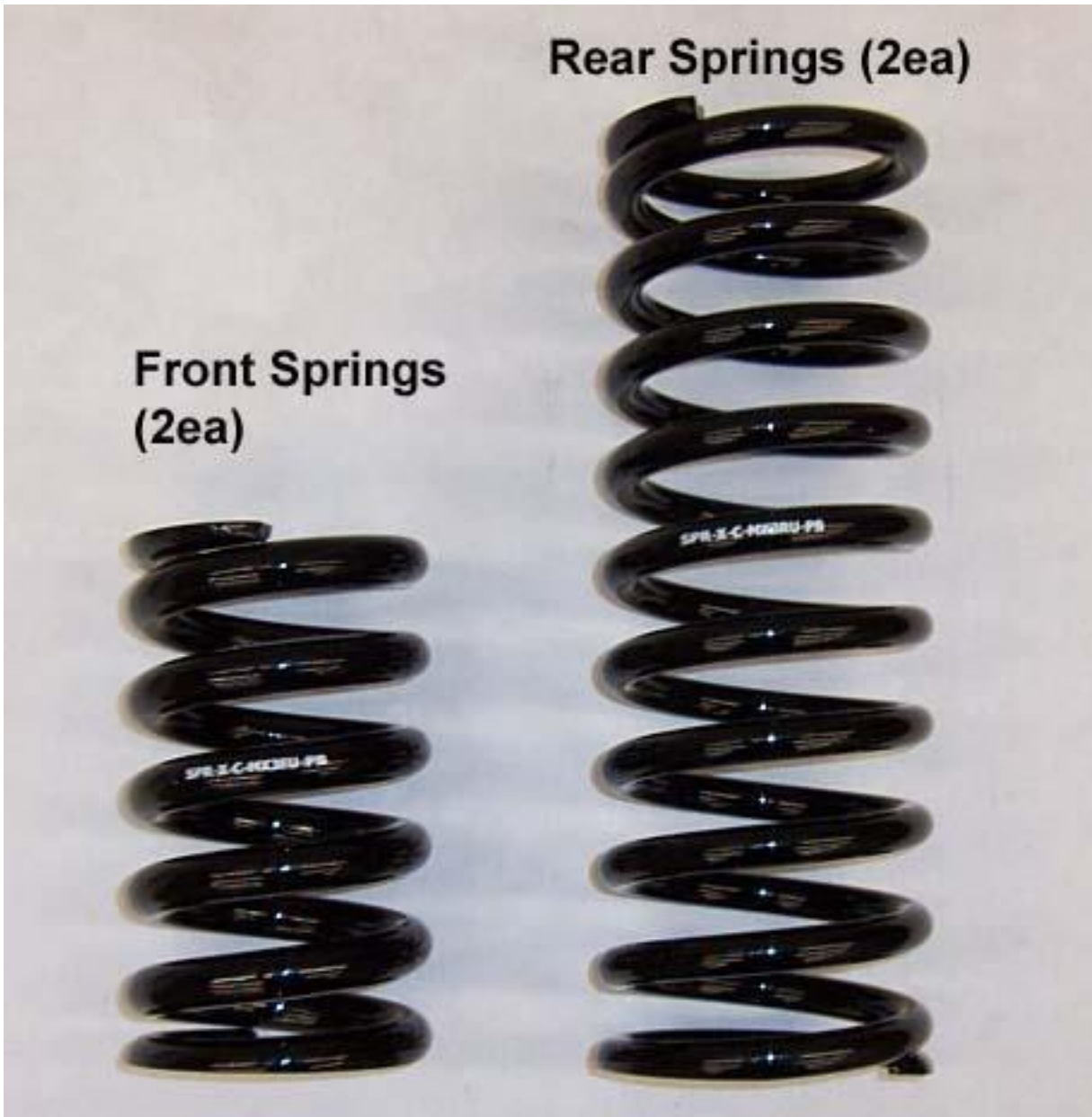
By purchasing and installing High Lifter Products, products, user agrees that should damages occur, High Lifter Products will not be held responsible for loss of time, use, labor fees, replacement parts, or freight charges. High Lifter Products will not be held responsible for any direct, indirect, incidental, 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.

### 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 and/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 lift kit is installed.

## Parts Diagram



**Before you install this kit know that your turning radius will be decreased due to the lift and factory steering stops.**

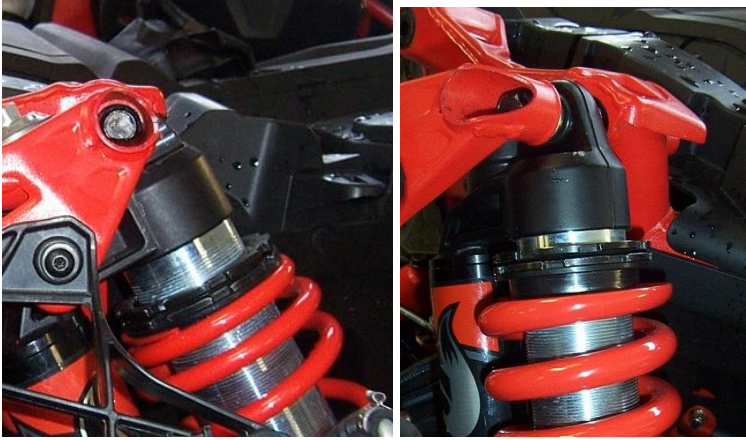
**This is a 4" to 8" lift depending on your spring adjustment settings. The higher you go with the lift the stiffer the ride, and the ride quality decreases.**



## Front Lift Installation

NOTE: We have removed some of the factory plastic to help illustrate some of the steps and may not be required for your installation.

- 1) Place UTV transmission in park. Place jack under center of UTV front end and lift until front wheels clear the ground. Be careful to support the UTV properly so that A-arms and shocks can droop to full extension.
- 2) Remove front wheels.
- 3) To make the installation easier while the shock is still on the UTV, loosen the spanner nuts, these add and reduce the spring tension, to the loose position. You will need to use a spanner wrench for this step.

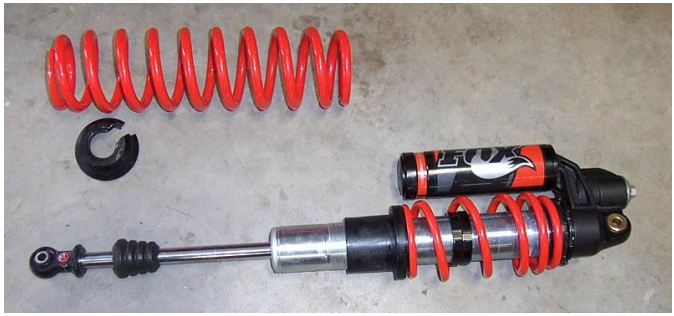
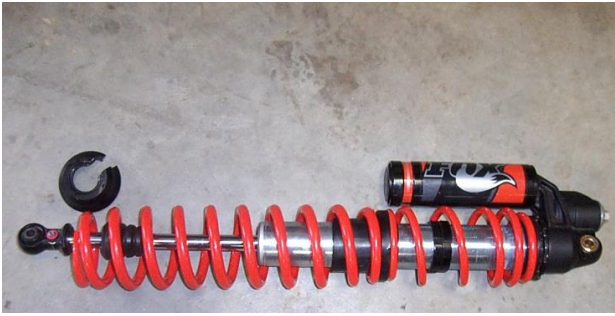


- 4) Disconnect the shock from the unit.



- 5) Disassemble the shock. If you have not loosened the spanner nut do it now.





6) The smaller factory spring will be replaced by the new heavy duty lift spring.



7) Reassemble the shock using the new heavy duty spring.





- 8) Attach the shock to the UTV.



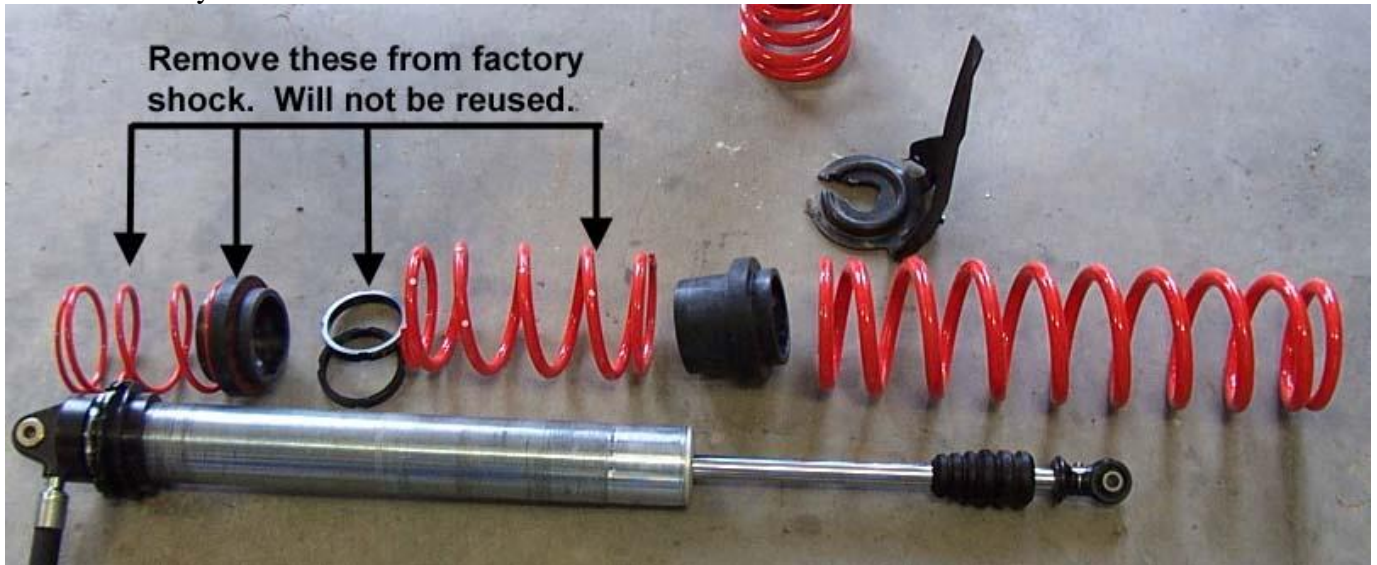
- 9) Adjust the spanner nuts down 3" on the shock. **This is the recommended position.** If you increase the tension on the shock greater than the recommended position you will decrease your turning.



- 10) Once you have reinstalled the shocks and adjusted to the desired height, place the wheels back on the UTV and torque the lugs to the factory specifications.

## Rear Lift Installation

- 1) The rear kit is replacing the two smaller rear factory springs. You will need to remove the illustrated items from the factory shock.



- 2) Place UTV transmission in park. Place jack under center of UTV rear end and lift until rear wheels clear the ground. Be careful to support the UTV properly so that A-arms and shocks can droop to full extension.
- 3) Remove the rear wheels.
- 4) We are going to use a short cut method for installation. If you use these steps you do not need to disconnect the shock from the UTV.
- 5) Adjust the spanner nuts all the way to the top of the shock. This will remove the tension from the springs. You will need to use a spanner wrench for this step.



- 6) When you have loosened the spanner nuts, disconnect the bolt that secures the shock to the trailing arm.



- 7) Pulling up on the spring, you will be able to remove the factory dust shield and spring clip that holds the spring in place.



- 8) Slide the factory springs and adjuster and spring aligning cones off the shock.



- 9) Slide the new larger spring onto the shock.





10) Next slide the larger factory spring aligning cone and the large factory spring back onto the shock.



11) Secure the springs on the shock using the factory dust shield and spring clip.



12) Reconnect the shock to the trailing arm using the factory bolt.



13) Tighten the spanner nuts on the shock to 4 inches down from the top. **This is the recommended position.**



14) Once you have completed the installation on both shocks, reconnect the wheels on the UTV. Torque lugs to the factory specifications.



### **High Lifter Lifetime Warranty**

From the beginning, High Lifter has engineered and manufactured some of the toughest, most durable products on the market. That's why this product comes with a Lifetime Warranty. It's our promise that High Lifter will never let you down.

- The **Lifetime Warranty** covers products sold to the original purchaser only and is not transferable. The term of the warranty is for the lifetime of the vehicle in question.
- Normal wear and tear items and finishes, such as, but not limited to: Heim joints, tie rod ends, ball joints, bearings, seals, bushings, bushing sleeves, zinc plating, powder coating, or chipping and discoloration of any finish is not covered.
- High Lifter will ship the replacement product after the returned product has been inspected by High Lifter staff.
- The warranty shall not include claims for damages, installation time or labor charges, economic losses, inconvenience, transportation, towing, down time, direct or indirect or consequential damages or delay resulting from any defect.
- The warranty does not apply to products that have been improperly applied or improperly installed.

### **Making a warranty claim**

1. All claims must be accompanied by the part and the original sales receipt or other acceptable proof of purchase from the original owner.
2. All warranties must be accompanied with a Return Merchandise Authorization (RMA) number. (Contact High Lifter at 318-524-2270 or 800-699-0947 for an RMA number)
3. When shipping the damaged product:
  - a. Write the RMA number on the outside of the box.
  - b. Also, include the RMA number, proof of purchase and any notes inside the box.
  - c. Please keep your tracking number and shipment information.
4. The customer is responsible for shipping the product to High Lifter--return shipping within the lower 48 states will be paid by High Lifter products. With all warranty claims, only standard shipping services apply.
5. High Lifter will process your order within 24 business hours of receiving the returned item.
6. **Ship to:** High Lifter Products, 780 Professional Drive North, Shreveport, Louisiana 71105