

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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- ▶ ***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 users 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.

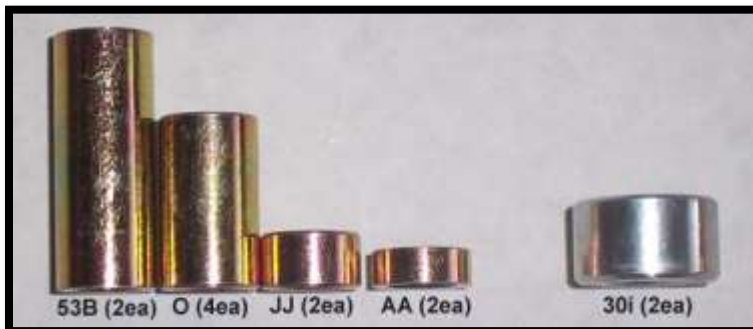
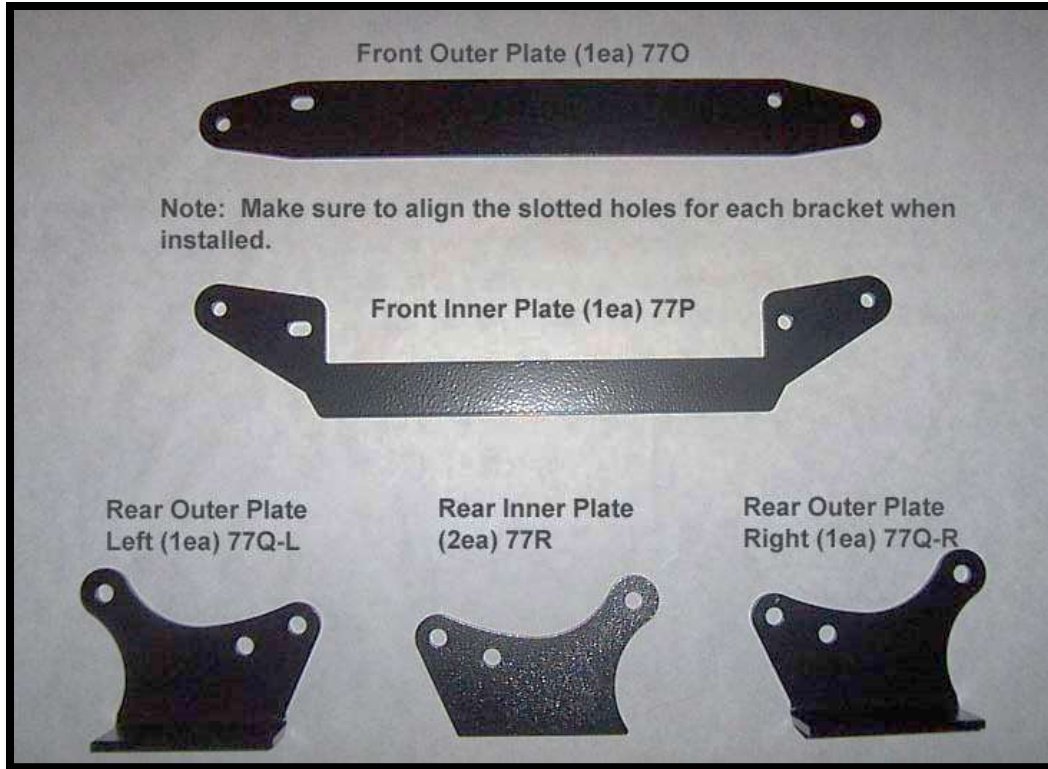
By purchasing and installing High Lifter Products, products, user agrees that should damages occur, High Lifter Products will not be held responsible for loss of time, use, labor fees, replacement parts, or freight charges. High Lifter Products will not be held responsible for any direct, indirect, incidental,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



Front Lift Installation

NOTE: In the front, if you are running factory wheels it will require 1" spacers to keep the tires from rubbing on the shock/springs!

NOTE: Installer will need to do minor trimming of plastic inside of the rear fender/panel covers. It is not seen from the exterior of the unit. Must trim plastic to gain clearance for the rear shocks when lift is installed.

1. Place transmission in park. Place jack under center of front end and lift until front wheels clear the ground. Be careful to properly secure and support so that A-arms and shocks can droop to full extension.
2. Remove the hood and the storage container under the hood. This will give you access to the top shock mounts.



3. Disconnect the top of the front shocks from both sides



4. Next you will need to insert the (77P) front inner lift bracket in through the hood opening. It will go to the back side of the shock mount tabs, to the rear of the RS-1.



5. Before you insert the second front lift bracket, you need to rotate the shock revisors on both shocks. This will allow for bracket clearance. Rotate to the front inside of the frame on both sides.
NOTE: The orientation for the illustrations is the front right side of UTV.



6. Now insert the (77O) front outer lift bracket in through the hood opening, to the front of the shock mount tabs. It will be parallel to the frame cross member when completely installed.



7. Insert a 10mm x 70mm bolt through the bracket and then place a 10mm flat washer onto the bolt.



8. Insert the bolt through the shock mount tab. Place a (O) spacer on the bolt between the shock mount tabs. Push the bolt all the way through the shock mount tabs.



9. Place a 10mm washer onto the bolt, then place the bracket onto the bolt.



10. Secure the bracket loosely to the bolt with a 10mm lock nut.



11. Repeat steps for the opposite side.



12. Time to connect the shock to the brackets.

13. Next insert a 10mm x 70mm bolt through the lift bracket.



14. Place a (JJ) spacer onto the bolt.



15. Attach the shock to the lift brackets using the same bolt.



16. Now attach the inner lift bracket to the bolt and secure it loosely using a 10mm lock nut.



17. Repeat steps for the opposite side.

18. Once both sides are installed, fasten all bolts tight.

19. Lower the jack, place the storage box back in to the place, and reattach the hood.

Rear Lift Installation

1. Place transmission in park. Place jack under center of rear end and lift until rear wheels clear the ground. Be careful to properly secure and support so that trailing arms and shocks can droop to full extension.
2. Remove the rear fender/panel from both sides of the unit.



3. It is required that you trim the inner fender to gain clearance for the rear shocks once the lift kit is installed. See illustration on where to trim the inside of the rear panels.



4. Disconnect the top of the shocks from both sides. This makes the installation easier when both sides are disconnected from the frame.



5. There are two rear lift brackets, left and right. For instructions purposes we will be working on the rear right side. When you are working on the left, use brackets that are designated left side.
6. Locate the (77Q-R) rear right outer plate and insert a 12mm x 75mm bolt through the plate.



7. Next place an (AA) spacer onto the bolt and then insert it into the shock mount tab.



8. Place a (O) spacer between the shock mount tabs and finish inserting the bolt through the tabs.



9. Place a 12mm washer onto the bolt.



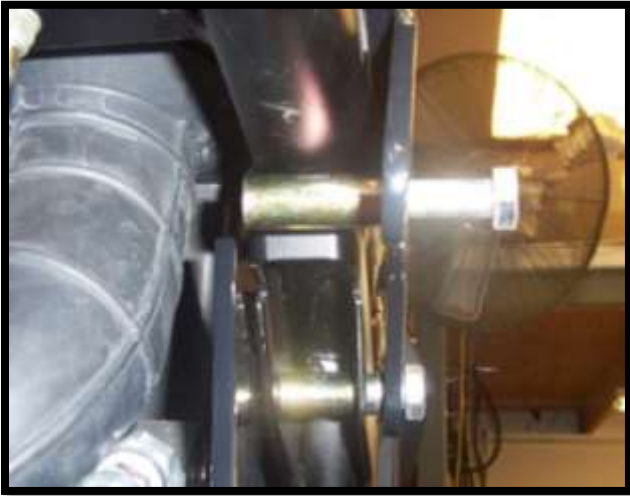
10. Next attach the (77R) rear inner plate onto the bolt and loosely fasten with 12mm lock nut.



11. Insert a 12mm x 75mm bolt through the rear outer plate.



12. Place a (53B) spacer onto the bolt and then connect it to the rear inner plate.



13. Loosely fasten inner lift bracket to the bolt with a 12mm lock nut.



14. Attach the shock to the brackets using the same 12mm x 75mm bolt.

NOTE: It helps to have a second person to help lift the rear tire and shock so that you can attach it to the bracket!



15. Place the (30I) spacer onto the bolt next to the shock eye and rear inner lift bracket



16. Now connect the rear inner lift plate loosely with the 12mm lock nut.



17. Repeat steps for the opposite side.

18. Once lift brackets are in place fasten all nuts and bolts tight.

19. Lower jack and check your clearance on the fender to ensure you have enough clearance for the shock.

Logo Plate Installation

1. Located on the rear of the RS-1 are two factory bolts that secure the rear upper and lower facia to the frame. Remove the bolts that secure the facia together.



2. Included in the lift kit is a logo badge, two #14 screws, and two (JJ) spacers. You will connect these in the place of the two factory screws.
3. Insert the screws through the logo plate. Place a spacer onto the screws after it is inserted through the bracket.



4. Now fasten the plate to the frame using the two factory mounting locations.





High Lifter Limited 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 **Limited 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