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## **Yamaha Wolverine R-Spec Lift Kit Installation Instructions**

### 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.

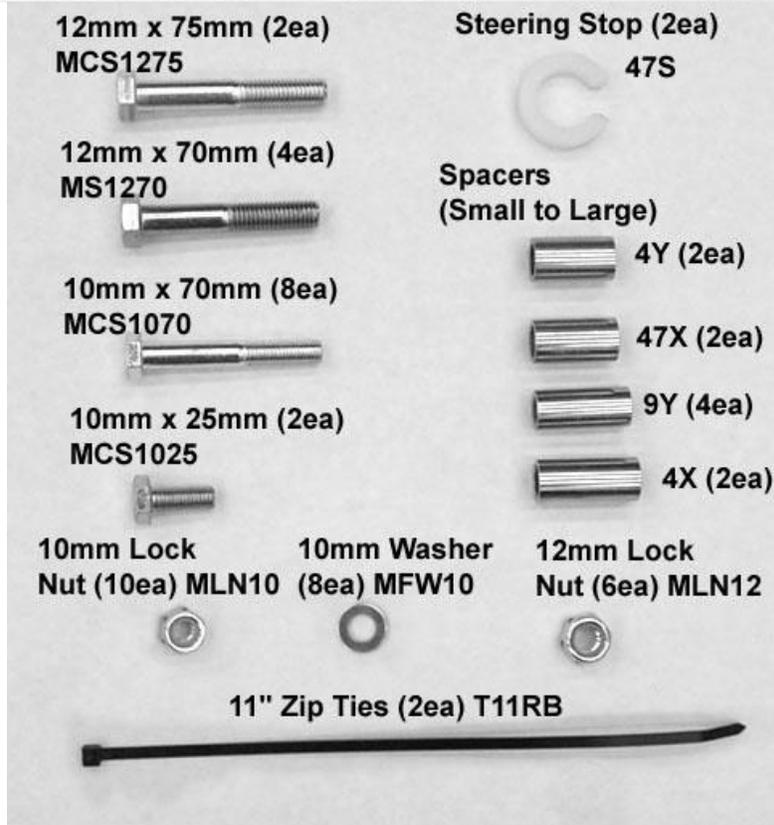
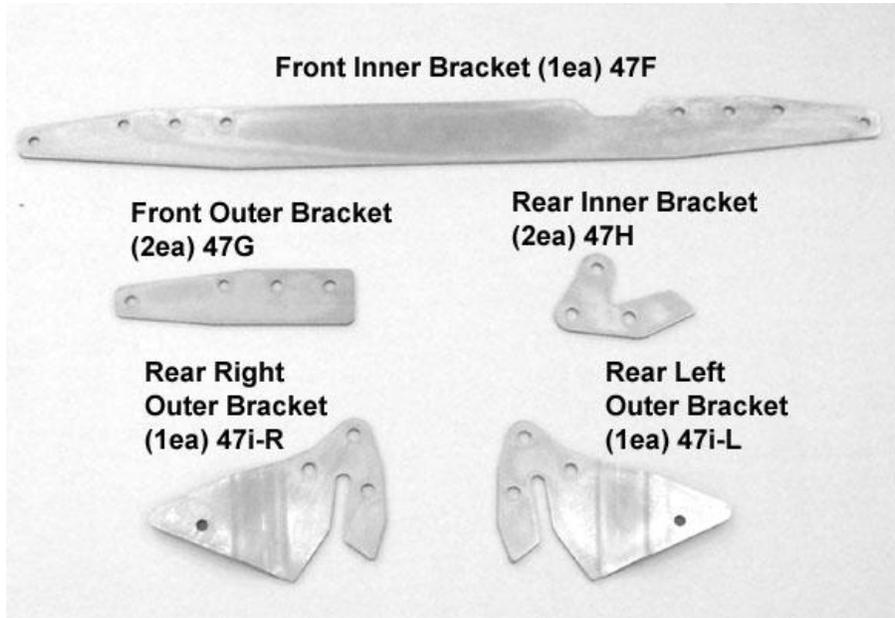
By purchasing and installing High Lifter Products, products, user agrees that should damages occur, High Lifter Products will not be held responsible for loss of time, use, labor fees, replacement parts, or freight charges. High Lifter Products will not be held responsible for any direct, indirect, incidental,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



## Installation Instructions

- 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 ATV properly so that it is securely supported so that A-arms and shocks can droop to full extension.
- 2) Front the driver's side turn the steering wheel all the way to the right. If you are working on the passenger side turn it all the way to the left.

**NOTE: In order to re-secure the boot you will need to turn the steering wheel closer to the center to give you some play in the boot.**

- 3) The boots on the rack and pinion are held on by zip ties. You will need to cut the zip tie that secures the boots to the inside of the rack and pinion.



(This view is the passenger side)

- 4) Next pull the boot back to expose the inner tie rod joint.
- 5) Place the steering stop clip between the inner tie rod joint and the rack and pinion. It is a tight fit, so you may have to force it on this is to ensure that the spacer stays in place.



- 6) Pull boot back over the ball joint and steering stop and refasten with zip tie. Be sure to verify the zip tie is tight so prevent material from getting into the boot.

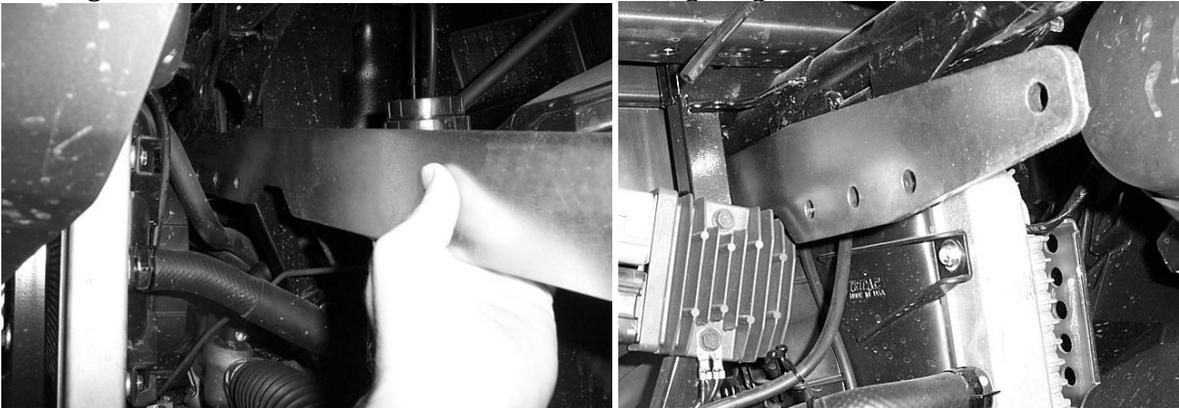


- 7) Repeat this for the opposite side.

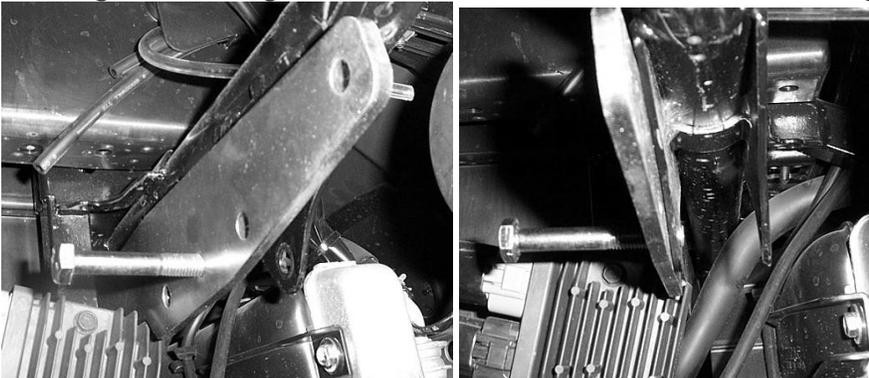
8) Disconnect the top of the shock from the frame.



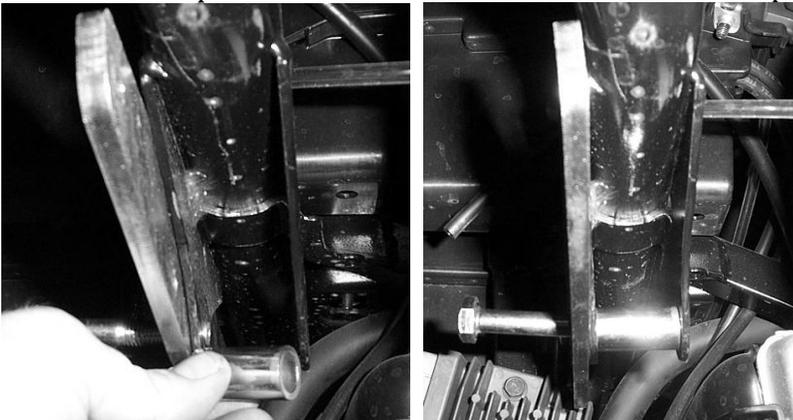
9) Next insert the long front lift bracket into the frame starting from the driver's side of the UTV. Insert the bracket so that it is to the rear of the shock mount and to the outside of the shock mount. Also, insert the bracket with the notched side down and so that it is on the right side of the UTV. The notch is designed to clearance the bracket from the voltage regulator.



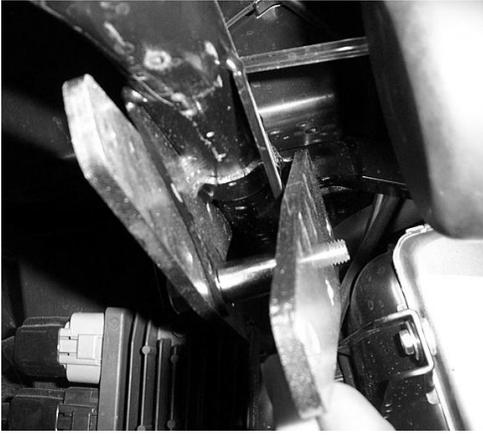
10) Starting from the right side insert the 10mm x 70mm bolt through the bracket and shock mount tab.



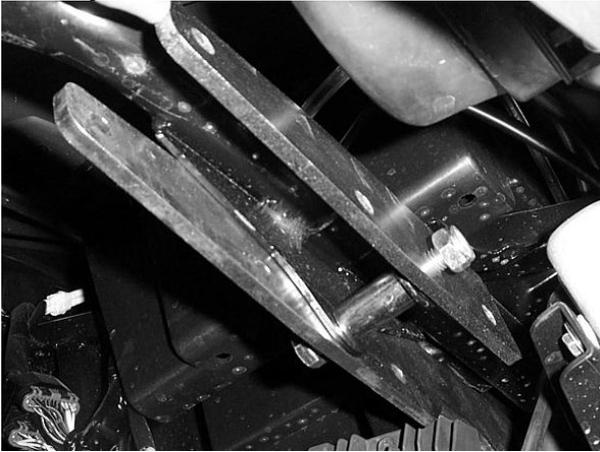
11) Insert the 4Y spacer between the shock mount tabs then push the bolt through the spacer.



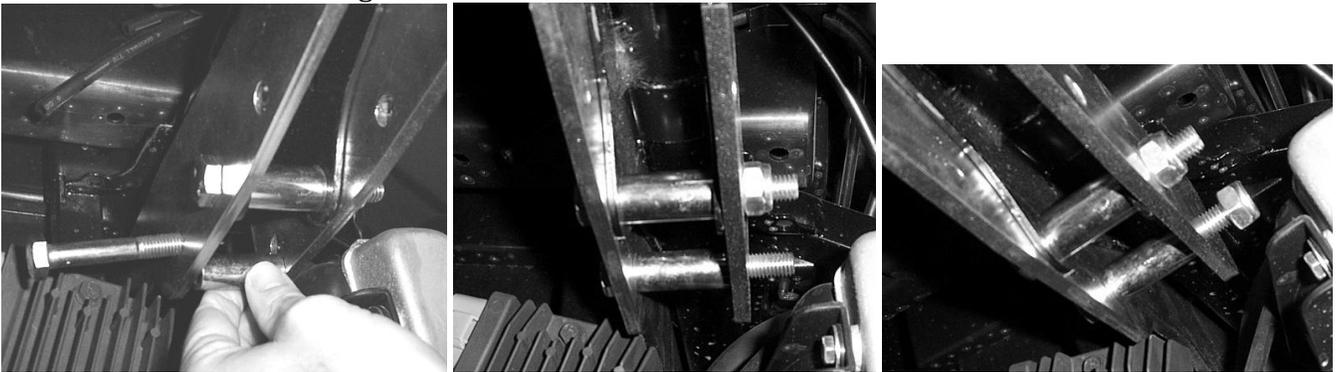
12) Connect the smaller front lift bracket towards the front on the outside of the shock mount tab.



13) Loosely fasten it with a 10mm lock nut.



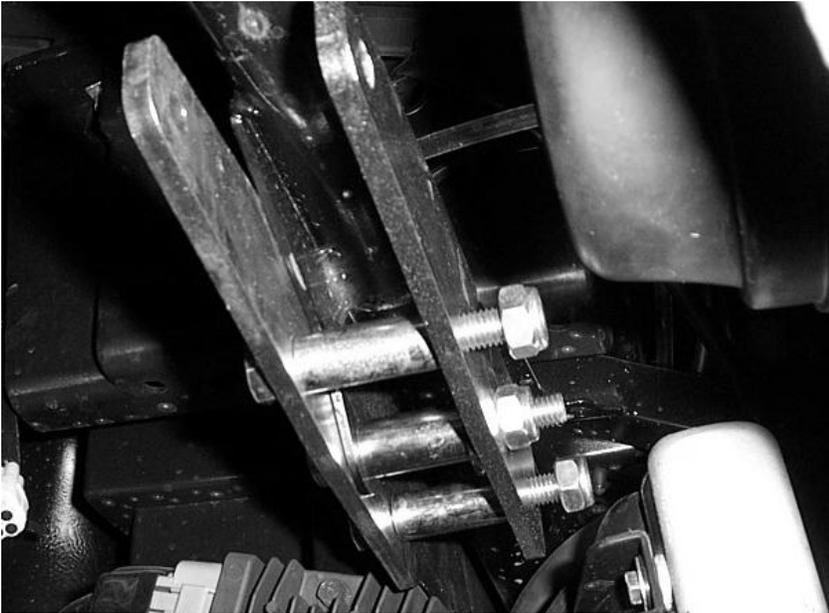
14) Next, insert a 9Y spacer to the inside of the lift brackets closest to the frame. Secure the spacer between the brackets using a 10mm x 70mm bolt and 10mm lock nut.



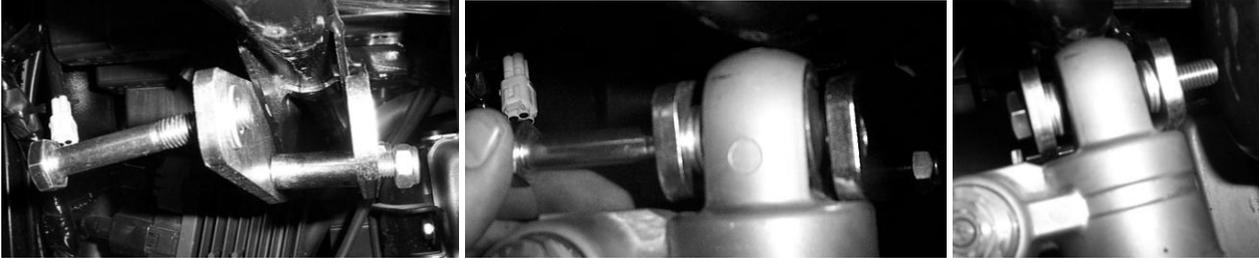
15) Now insert a second 9Y spacer between the two brackets, this time to the outside of the UTV, but not on the ends of the bracket. That position is used for the shock.



16) Secure the spacer between the brackets using a 10mm x 70mm bolt and 10mm lock nut.



17) Connect the top of the shock to the lift brackets. Place 2ea 10mm washer on both sides of the shock eyelet. Secure the brackets, washers, and shock eye using a 10mm x 70mm bolt and 10mm lock nut.



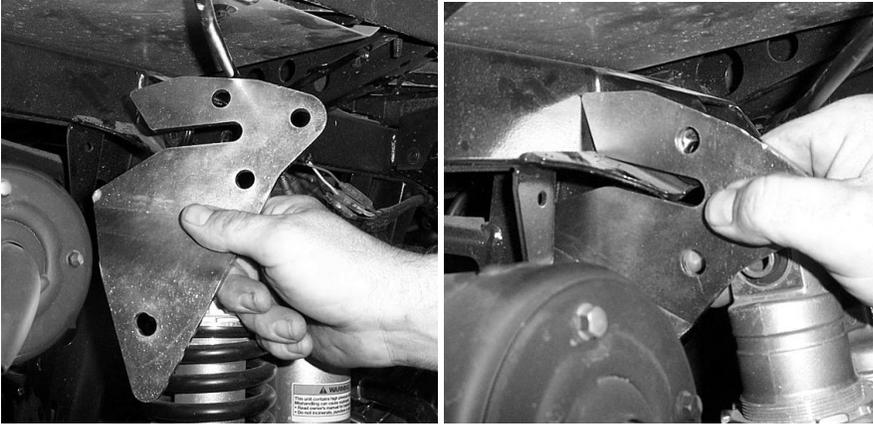
18) Repeat steps for the opposite side.

19) Once all the brackets and bolts are in place fasten tight.

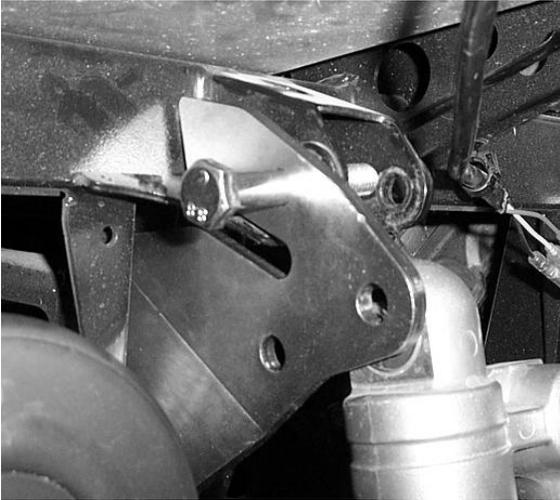
20) Place wheels back on the UTV, torque all lugs to factory specifications.

## Rear Lift

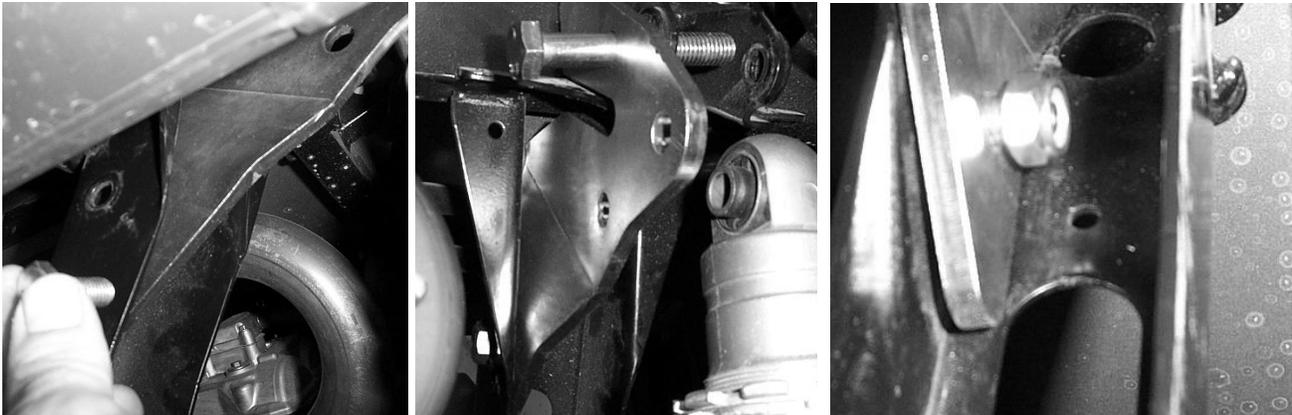
- 1) Place jack under the center of the UTV, just forward of where the rear drive shaft connects to the engine, and lift until the weight is off the suspension. Be careful to secure the UTV properly so it is stable on the jack.
- 2) Remove the rear wheels.
- 3) **Disconnect the top of the shocks from both sides of the UTV. This is very important to the installation!!!!**
- 4) Starting from the right side, place the large rear right side bracket to the rear of the shock tab. The lower portion of the bracket will come to rest to the inside of the lower portion of the frame.



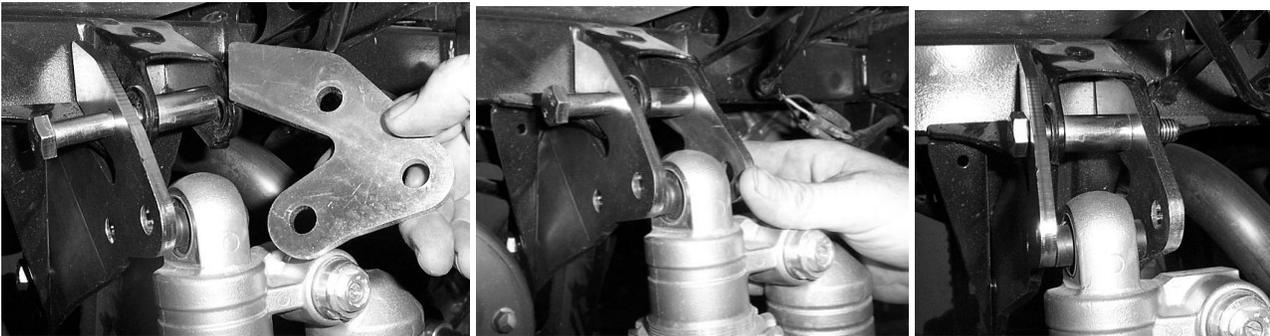
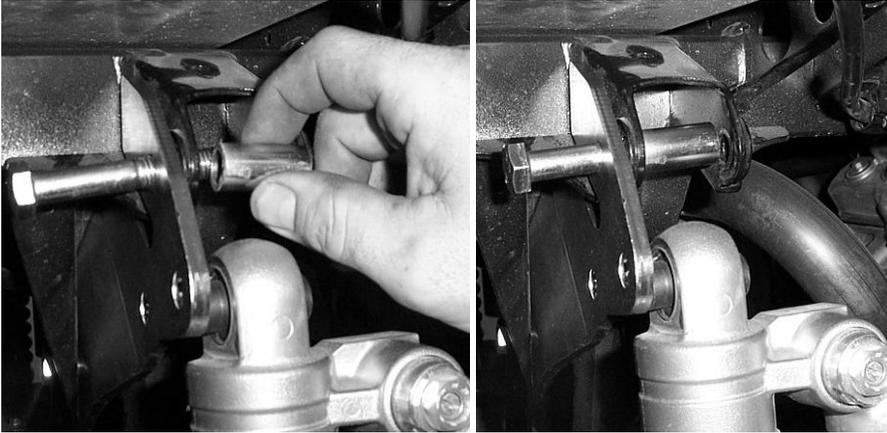
- 5) You can temporarily hold the bracket in place on the top hole using the 12mm x 75mm bolt.



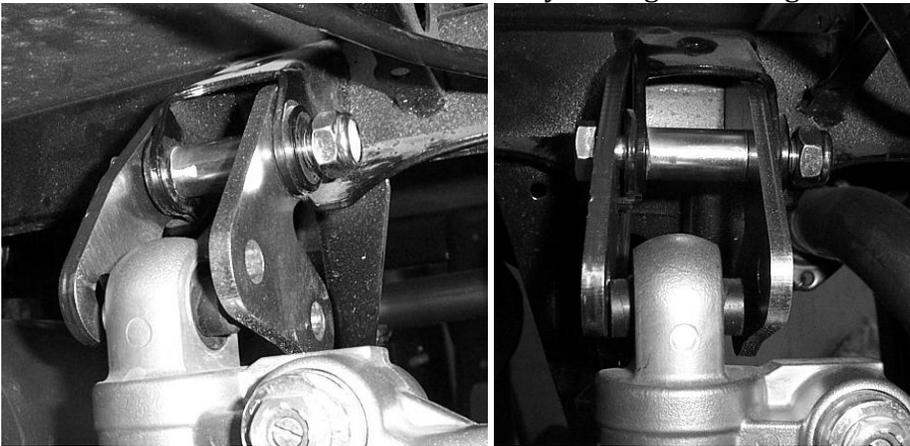
- 6) The lower portion of the bracket needs to be connected to the frame. Use the 10mm x 25mm bolt and 10mm lock nut to connect the bracket to the frame.



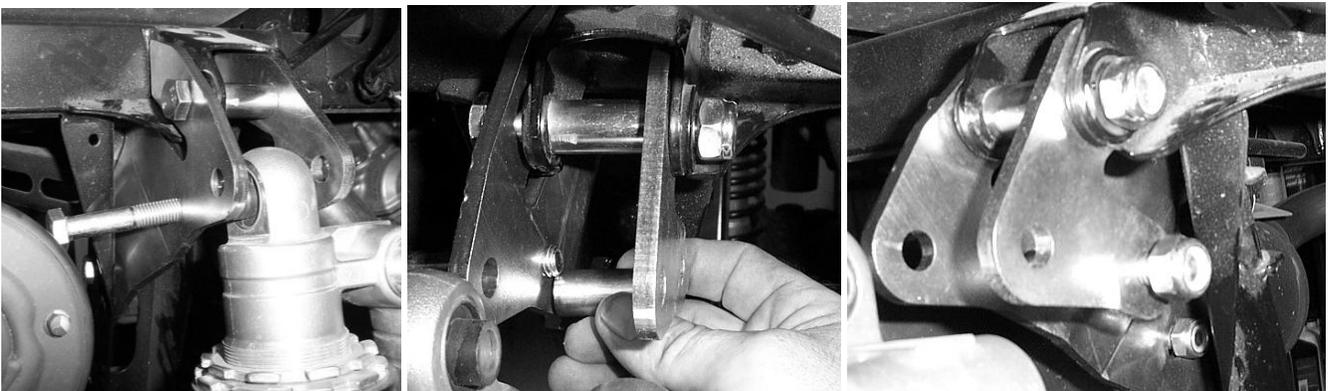
- 7) Next you will need to insert the 47X spacer between the shock mount tabs and you will also need to insert the smaller rear lift bracket between the shock mount tabs but towards the front.



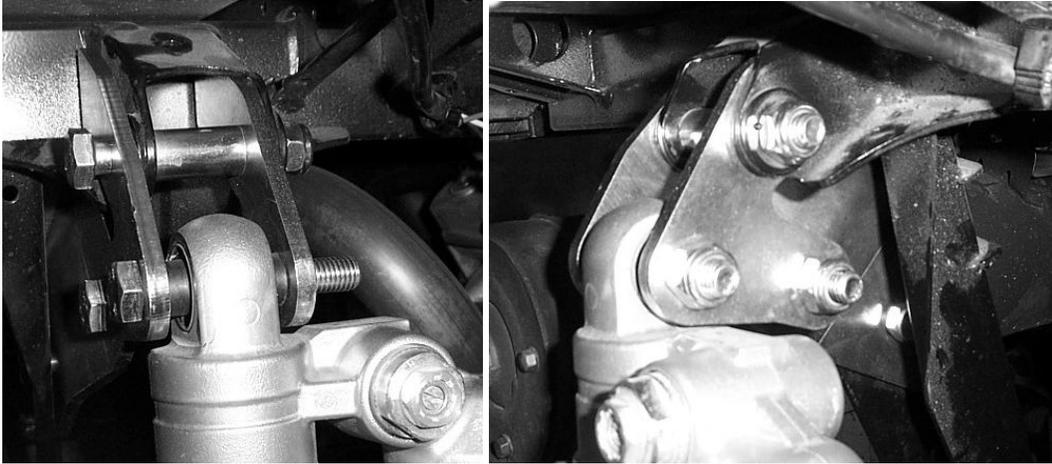
- 8) Insert the 12mm x 75mm bolt all the way through securing it with the 12mm lock nut.



- 9) Insert the 4X spacer between the two rear lift brackets, securing it with the 12mm x 70mm bolt and 12mm lock nut.



10) Next connect the top of the shock to the lift brackets. Use a 12mm x 70mm bolt and 12mm lock nut to secure the shock to the brackets.

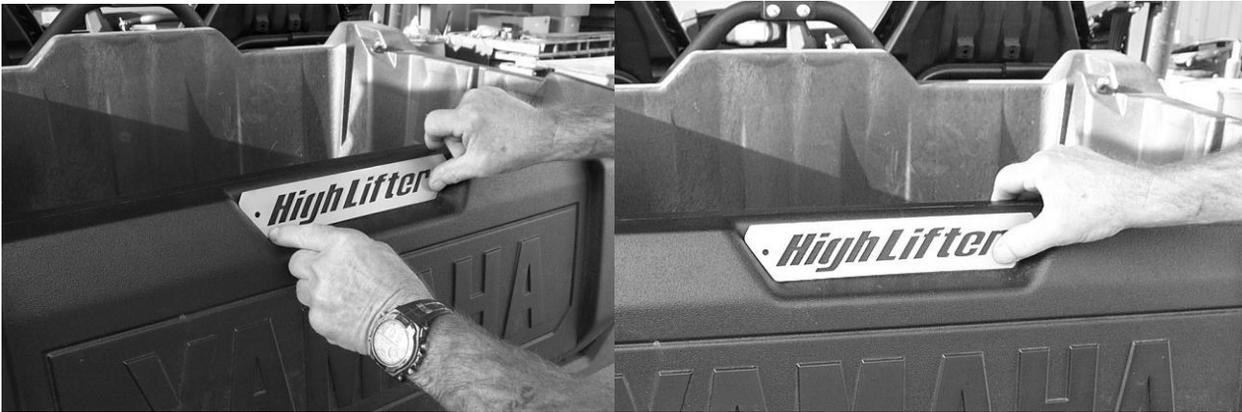


11) Fasten all bolts tight and repeat steps for the opposite side.

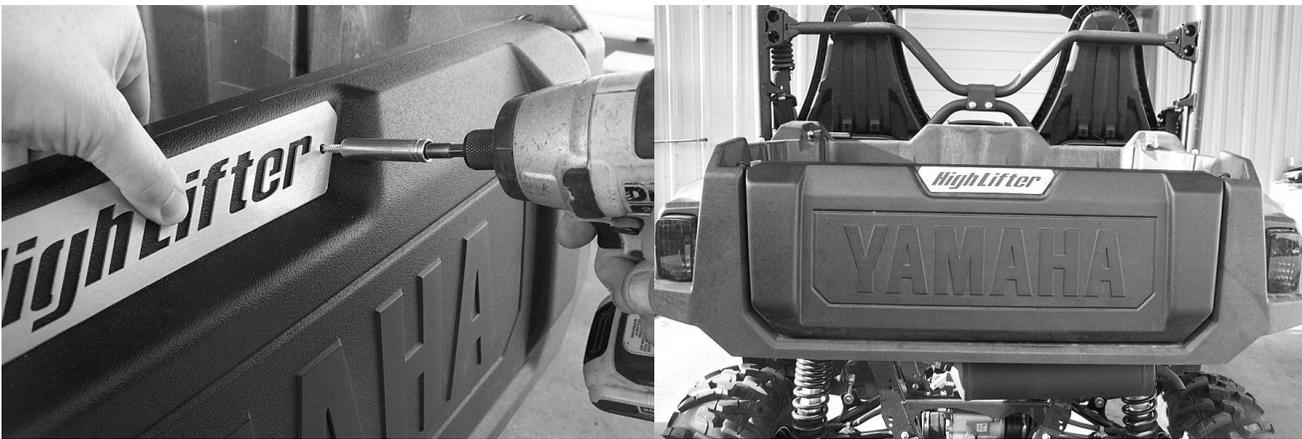
12) Place wheels back on UTV and torque lugs to factory specifications.

## Logo Plate Installation

1. Center the logo plate on the tail gate.



2. Once you find the center, attach the plate to the tail gate using the self tapping screws provided.



**Thank You**  
**For choosing**  
**High Lifter**  
PRODUCTS



### **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