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Yamaha YXZ 1000 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

Front Upper Lift Bracket (2ea) 52A



Front Lower Lift Bracket (2ea) 52B



Support Brackets



Outer Support (2ea) 66X

Inner Support (2ea) 66Y



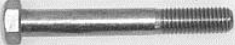
10mm x 70mm Bolt
MCS10X70-10.9 (2ea)



10mm x 90mm Bolt
MCS10X90-10.9 (2ea)



12mm x 110mm Bolt
MCS12X110-10.9 (2ea)



Spacer (2ea)
4Y

10mm Lock
Nut (4ea)
MLN10-1.5



12mm Lock
Nut (2ea)
MLN12-1.75

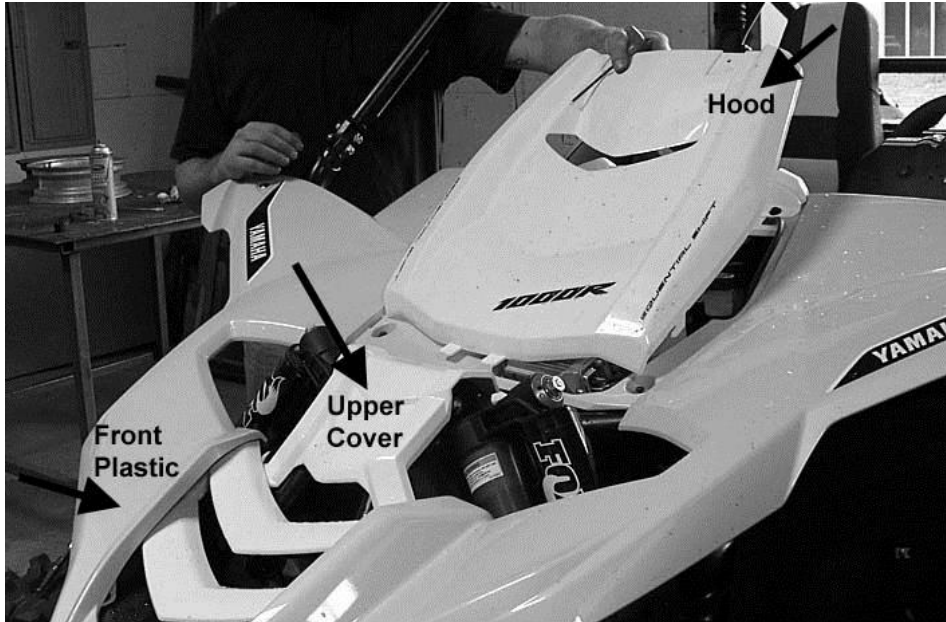


Rear Spring Spacer
(2ea) 44U



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) You will need to remove the hood and upper cover to install the lift bracket. You will also need to disconnect parts of the front plastic to gain access to the hardware that secures the upper cover to the frame.



- 3) Remove the hood.
- 4) Remove the hardware that secures the front plastic to the frame. Do this so you can lift the up out of the way so you can remove the upper cover.



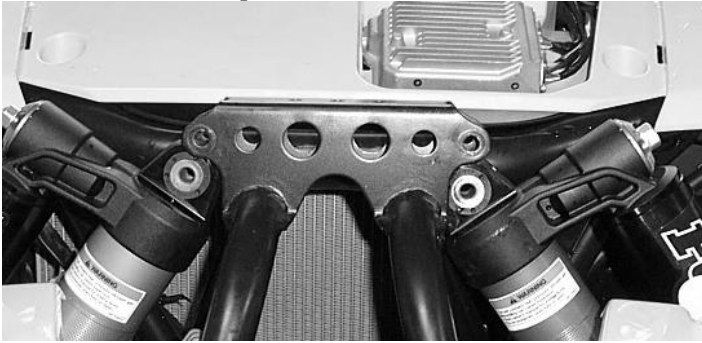
5) Remove the upper cover.



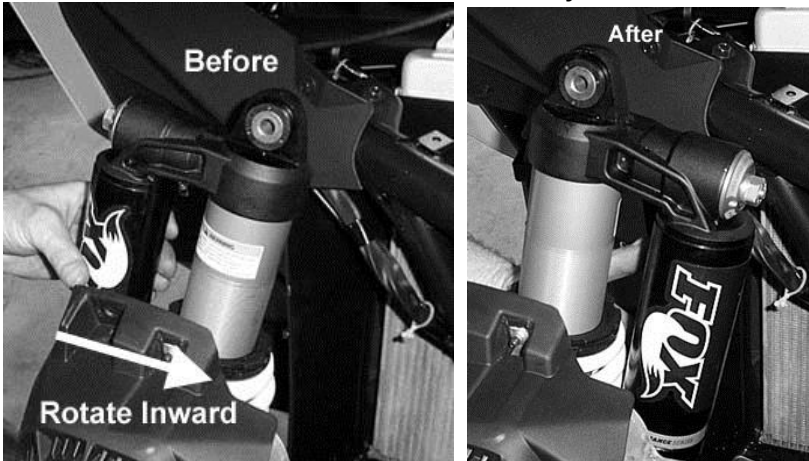
6) Relocate the rectifier & regulator assembly to the inside of the frame. The support brackets will contact the rectifier if it is not relocated. Move the box and ground wire to the inside reattaching with the factory hardware.



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



8) Rotate the shock so reservoirs so that they are to the inside near the frame.



9) Insert the a 10mm x 90mm bolt through the 66X outer fame support bracket.



10) Attach the lower lift bracket to the outside of shock mounts on the frame. Connect using the outer support bracket and the 10mm x 90mm bolt.



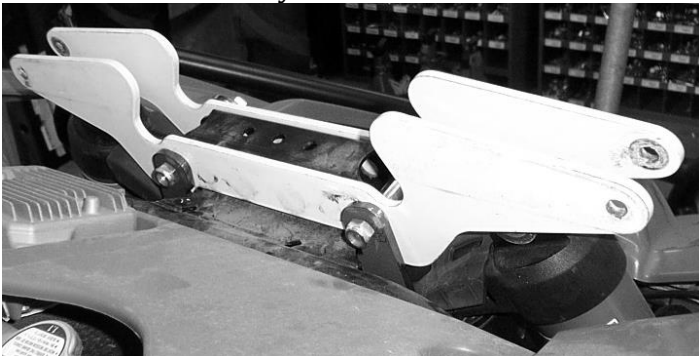
11) Insert the 4Y spacer into where the shock used to attach to the frame. Insert the 10mm x 85mm bolts to secure the brackets and spacers to the frame.



12) Attach the second inside lower lift bracket and the Inner Frame Support brackets. There is a notch so that the inner frame support brackets will clear the frame.



13) Secure the lift loosely with the 10mm lock nuts. **Do not tighten at this time!!!!**



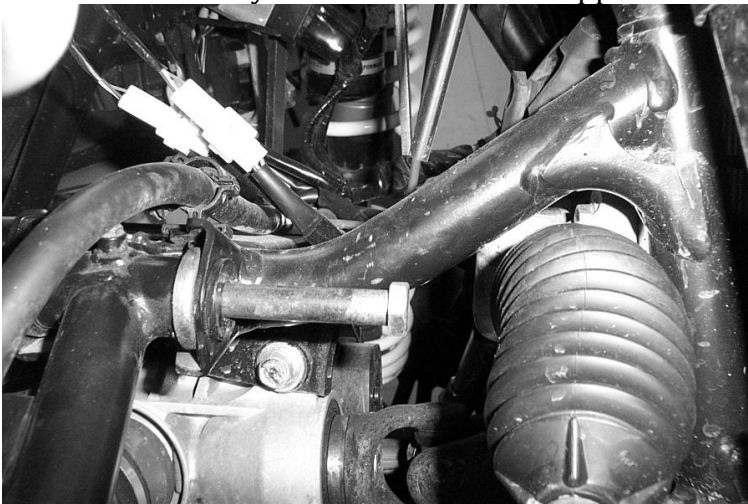
14) Reattach the upper plastic cover.



15) Connect the frame support bracket to the inside of the upper control arms.



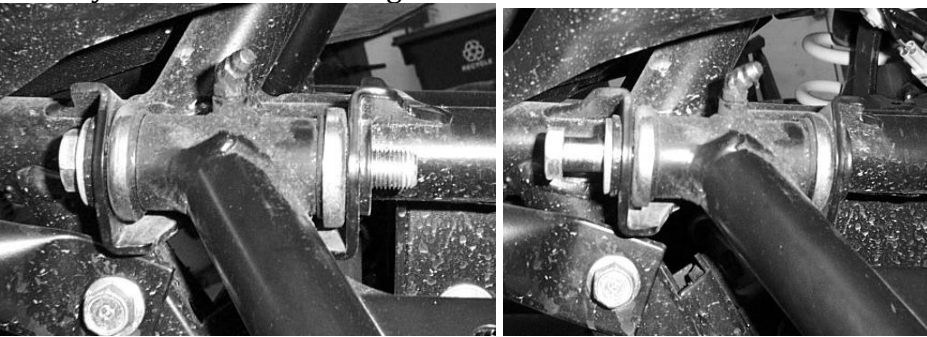
16) Remove the factory bolt that secures the upper inside control arm to the frame.



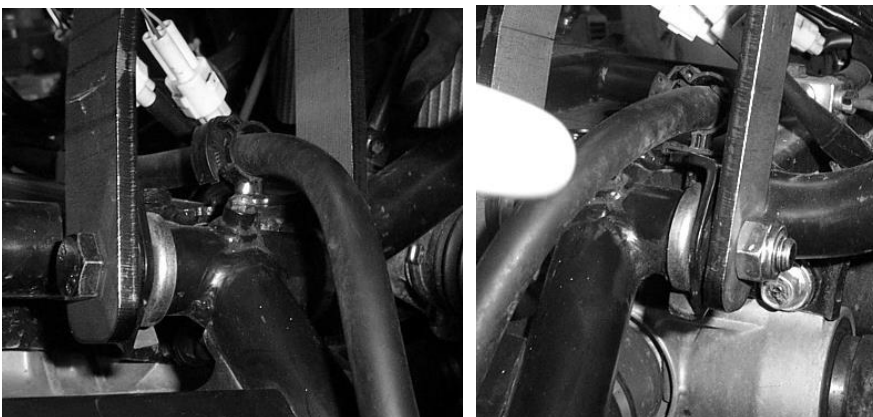
17) You need to make some room to allow for the installation of the new bolts that connects the support brackets to the frame.



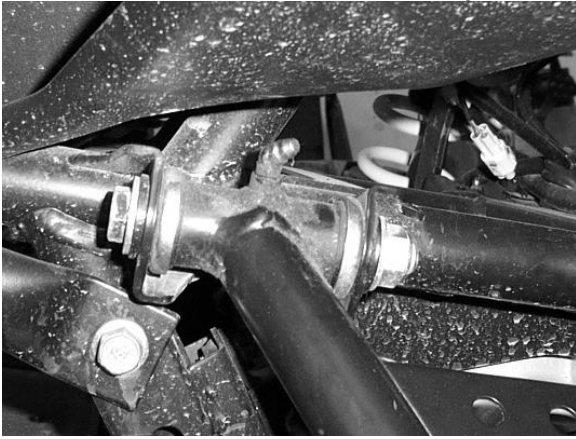
18) Remove the nut that secures the front of the upper arm to the frame and slide the bolt back, but not all the way out of the connecting tabs.



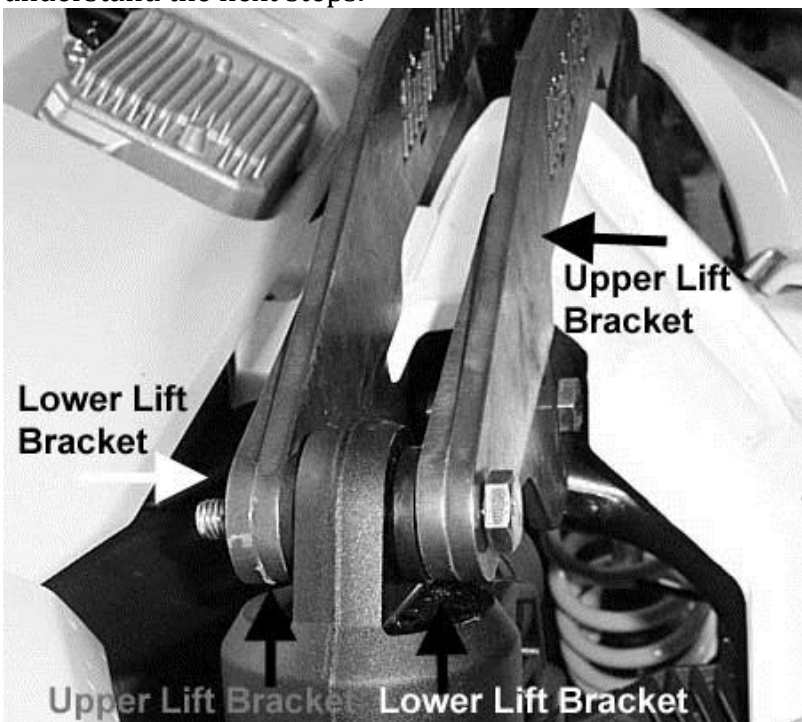
19) Connect the support bracket the outside of the control arm tabs. Secure them with the 12mm x 110mm bolts and 12mm lock nuts included in the kit. Insert the bolt from left to right. Insert it into the bracket first then slide it into place next to the mounting tabs.



20) Reconnect the nut to the bolt that you removed earlier.



21) This is an illustration of how the upper support bracket will need to be attached. This will help to understand the next steps.

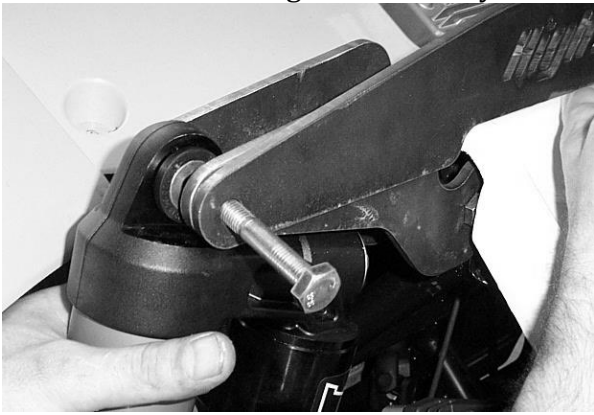


22) Now attach the upper support bracket to the lower lift brackets.

23) The upper plate that goes to the front of the UTV will be to the outside of the lower lift bracket.



24) Insert the bolt through the shock eye.



25) The second upper plate will go to the inside of the other lower lift bracket.



26) Connect the plates together using the 10mm x 70mm bolts and 10mm lock nuts provided in the kit.



27) Reattach the hood.

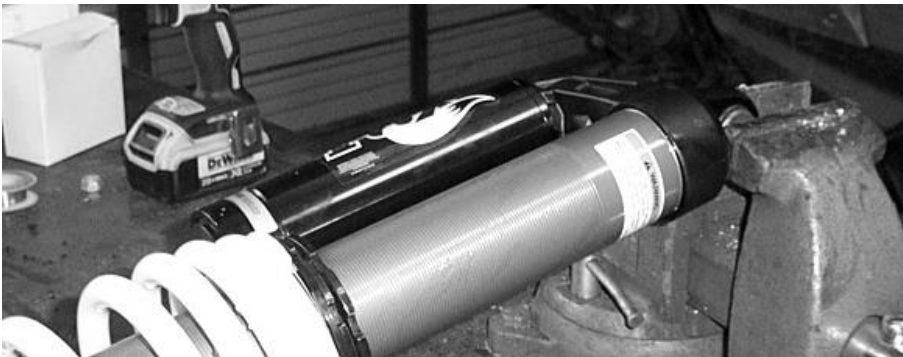
28) If you removed the wheels, place them back on the UTV, torque all lugs to factory specifications.

Rear Lift

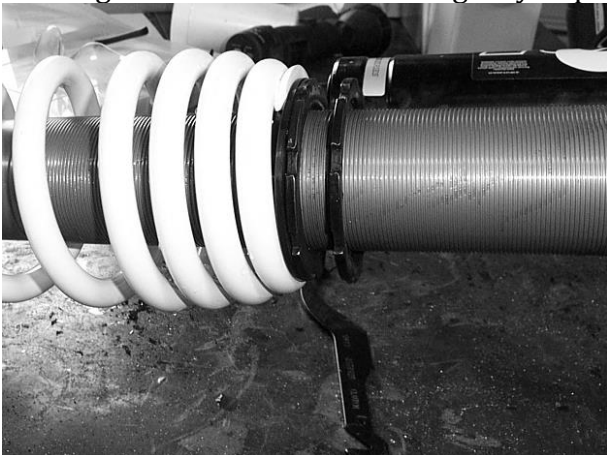
- 1) Place jack under the center of the UTV, just forward of where the rear drive shaft connects to the engine, and lift until the weight is off the suspension. Be careful to secure the UTV properly so it is stable on the jack.
- 2) Remove the rear wheels.
- 3) Remove both rear shocks.



- 4) Before you go further make sure that the shock is clean and all the threads near the spanner nuts are free from dirt or other materials that can damage the threads when you are loosening the spanner nuts.



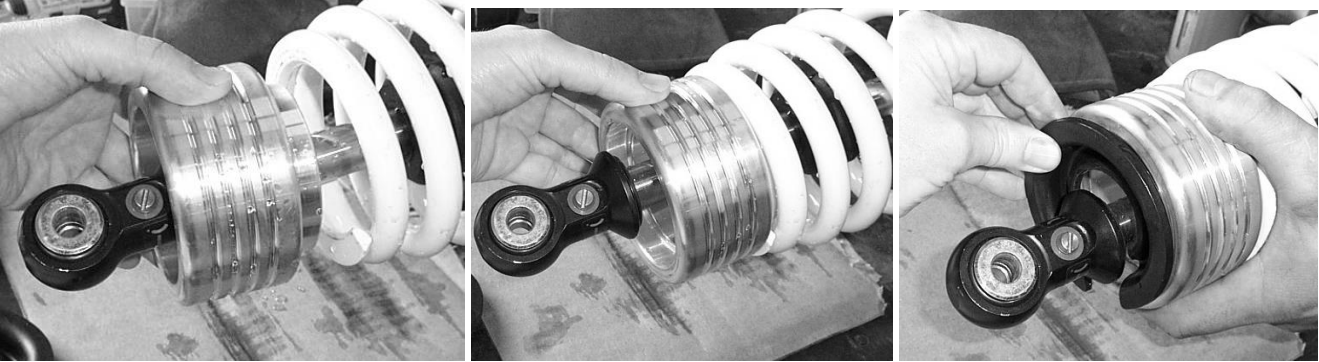
- 5) You will need a spanner wrench to loosen the spanner nuts on the shock. Loosen the spanner nuts running them down the shock to give you plenty of room to install the spring collar.



- 6) Remove the retaining clip that holds the spring in place.



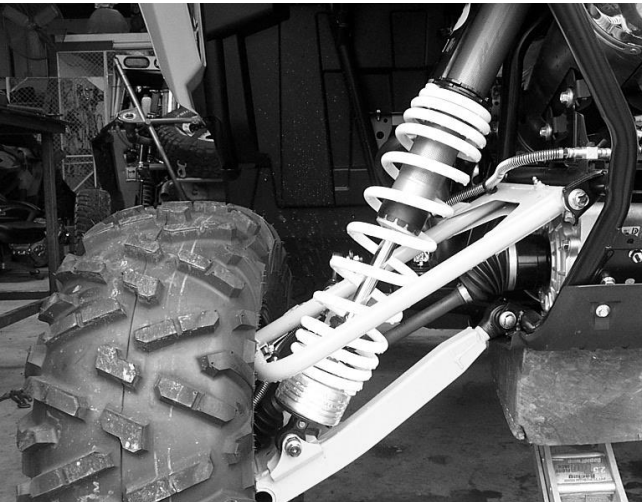
- 7) Place the spring collar onto the shock and return the retaining clip to the shock.



- 8) Adjust the spanner nuts to place tension back on the spring. Adjust to your desired ride height. You may need to adjust a few times to dial in the ride to fit your needs.



- 9) Place shocks back on the UTV.



- 10) Fasten all bolts tight.

- 11) Place wheels back on UTV and torque lugs to 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