



## **Suzuki King Quad 750/500Lift 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.

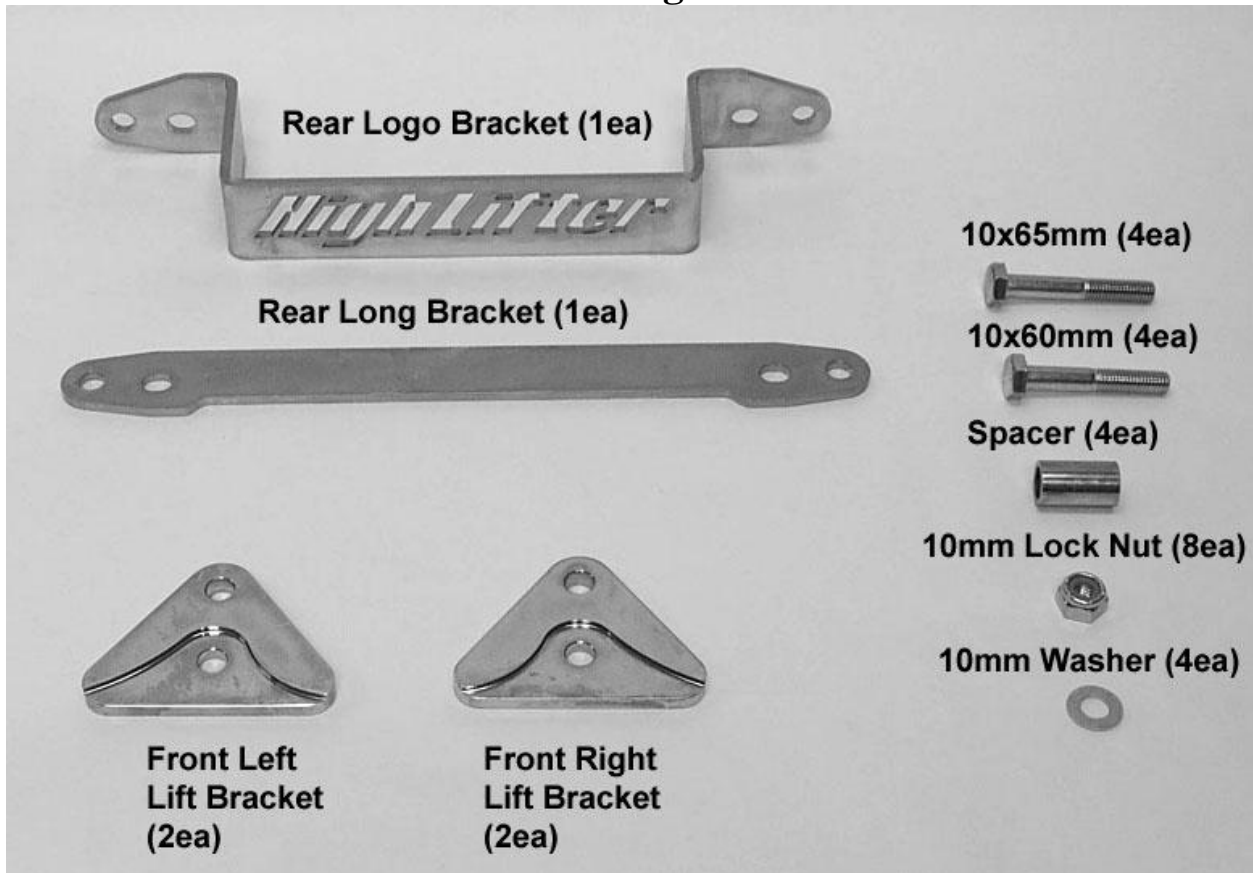
By purchasing and installing High Lifter Products, products, user agrees that should damages occur, High Lifter Products will not be held responsible for loss of time, use, labor fees, replacement parts, or freight charges. High Lifter Products will not be held responsible for any direct, indirect, incidental,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

1. Place jack under center of the ATV front end and lift until front wheels clear the ground. Be careful to support ATV properly so that it's secure, but so that the A-arms and shocks can droop to full extension.
2. Remove front wheels and disconnect the shocks from the A-arms.



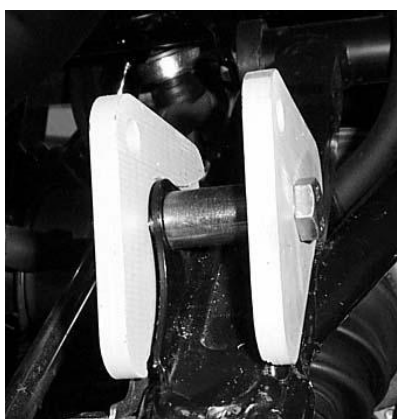
3. Insert the 10x60 hex bolt through the front lift bracket.



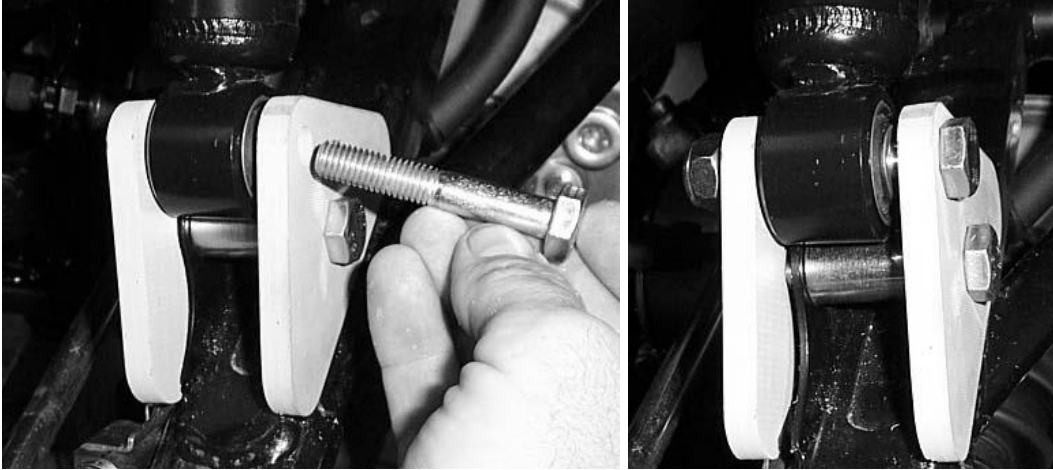
4. Next place the spacer into the shock mount tab, then insert the bolt through the shock mount tabs and spacer.



5. Attach the second Front Lift Bracket to the shock tab. Fasten the brackets to the shock mount with the 10mm lock nut.



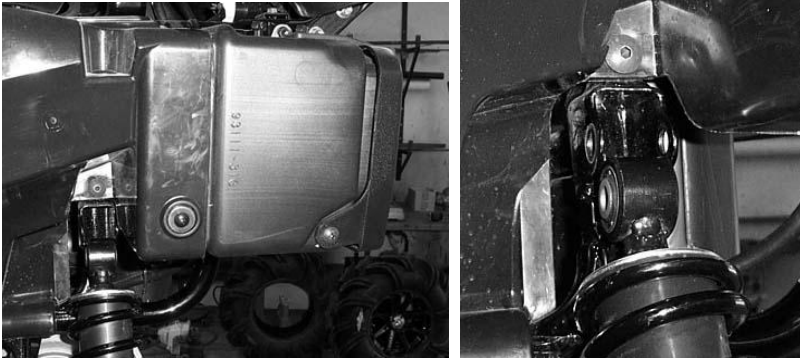
6. Connect the bottom of the shock to the lift brackets. Connect it by using a 10x60 hex bolt and 10mm lock nut.



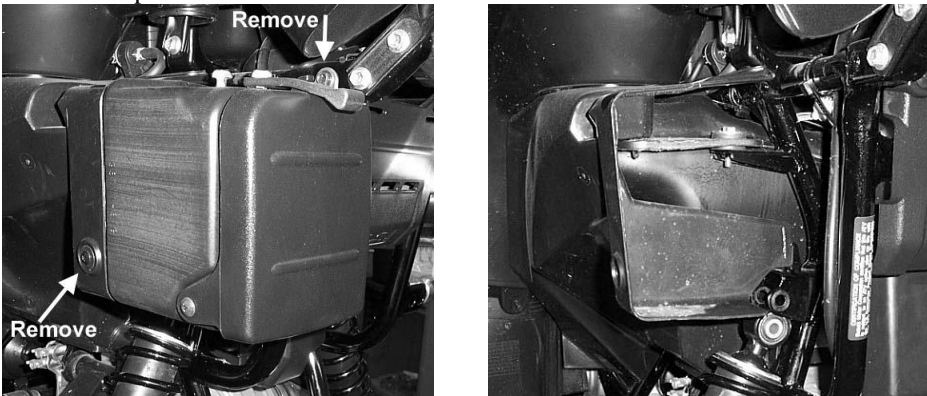
7. Repeat steps for the steps for the opposite side.
8. Place wheels back on ATV and lower the jack.
9. Always check for clearances and ensure that boots and other moving parts are functioning properly.

### Rear Installation

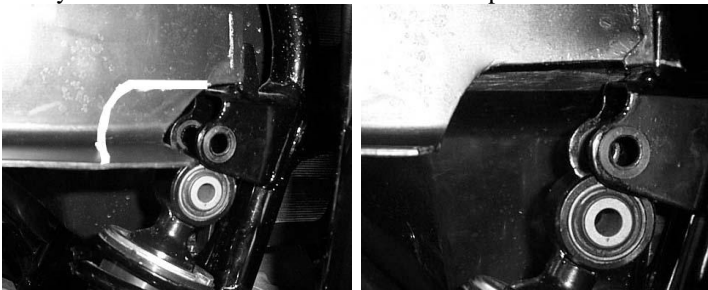
1. Place jack under the center of the ATV, just forward of where the rear drive shaft connects to the engine, and lift until the weight is off the suspension. Be careful to secure the ATV properly so it is stable on the jack.
2. Remove the rear wheels.
3. Disconnect the top of the sock from the shock mount.



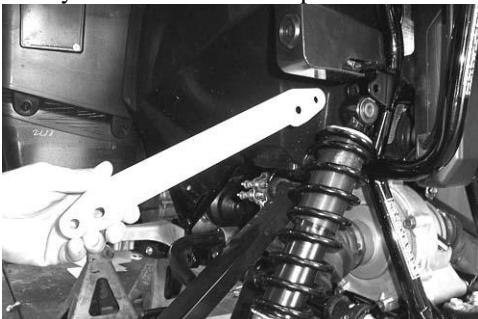
4. Next remove storage box from the rear of the ATV. You will need to trim some plastic behind the box that is near the top shock mount.



5. Next you will need to trim a small area of the plastic for bracket and bolt clearance.



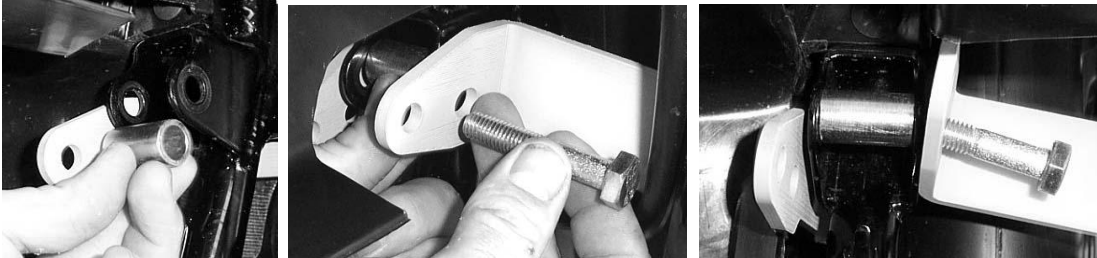
6. Once you have trimmed the plastic insert the long rear bracket into place.



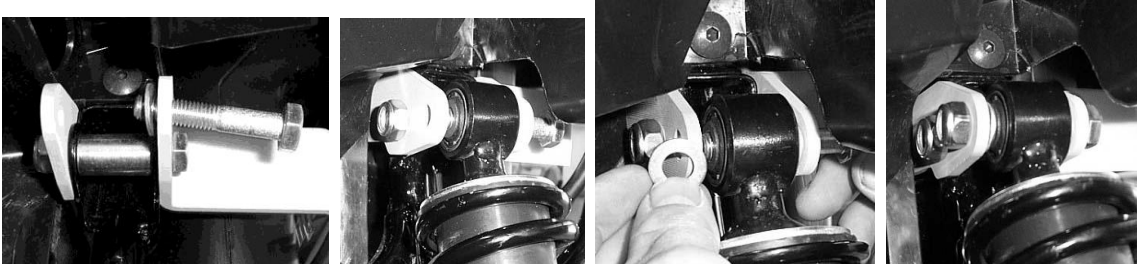
7. Insert the rear logo plate through the rear frame.



8. When you have the rear logo bracket in place insert the spacer between the shock mount tabs and connect the two rear brackets and spacer to the frame with a 10x65mm hex bolt and 10mm lock.

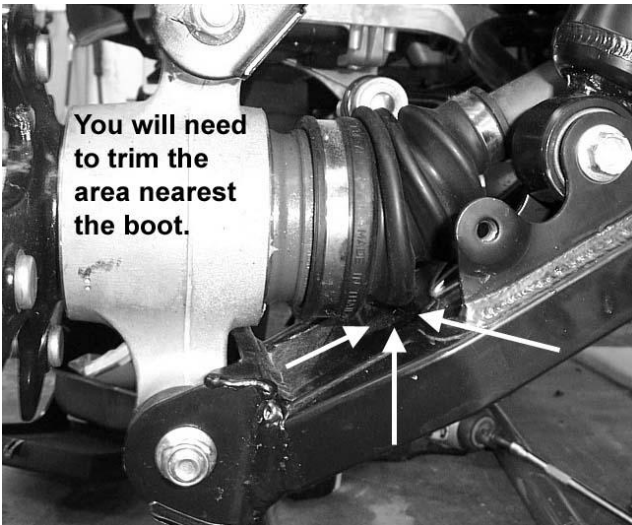


9. Attach the top of the shock to the lift brackets using a 10x65mm hex bolt. Place one 10mm flat washer on either side of the shock eyelet while inserting the bolt and fasten everything with a 10mm lock nut.

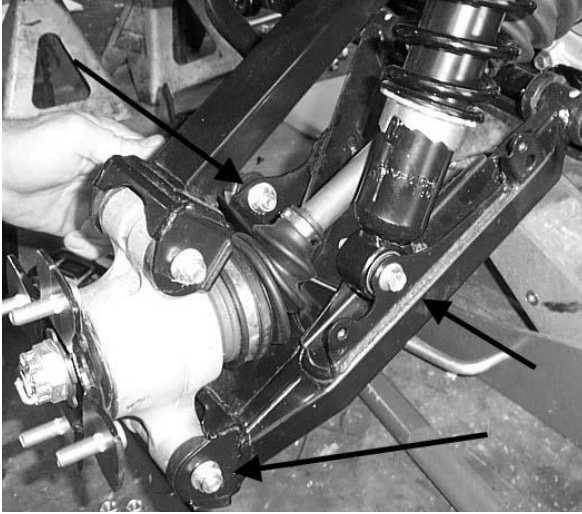


10. Repeat steps for the opposite side.

11. Before you place the wheels back on the ATV you will need check you boot clearance on the lower A-arm. When the A-arms are at full extension the CV boots will rub on the lower A-arms.



12. Disconnect the lower portion of the shock, the lower bolt from the knuckle assembly, and the rear stabilizer bar from the lower A-arm.



13. Next remove enough material from the A-arm that will give you enough clearance for the boot.
14. Repeat steps for the opposite side.
15. Reconnect the shock, knuckle assembly, and rear stabilizer bar.
16. Place the wheels back on the ATV, torque all lugs to factory specifications, and lower the jack.

**Thank You**  
**For choosing**





### **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.