



**780 Professional Dr. North, Shreveport, Louisiana 71105**  
**Phone 318.524.2270 Fax 318.524.2297**  
**Polaris Sportsman 570SP Lift Kit**

**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.

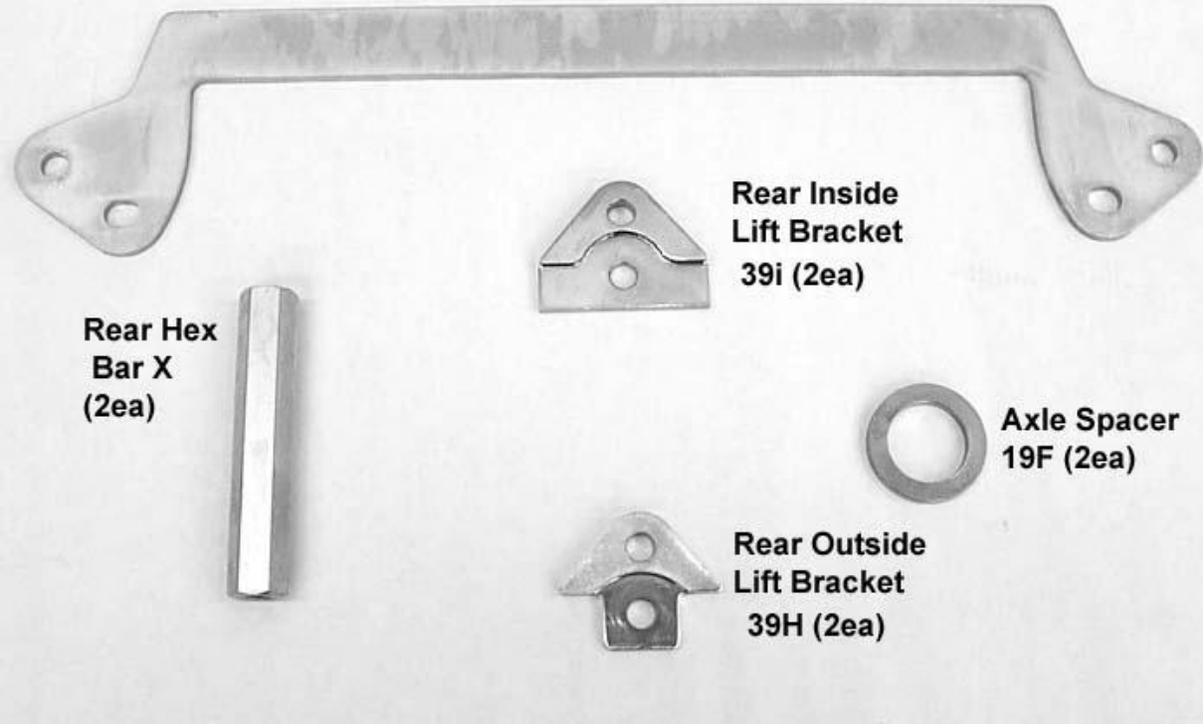
Dealers and other Installers

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 Bracket 39E (2ea)



3/8" x 2 1/2" Bolt  
HC838212Z (4ea)



3/8" Lock Nut  
NLN38 (6ea)



Rear Spacer  
6V (2ea)



3/8" x 2 1/4" Bolt  
HC838214Z (2ea)



Front Spacer  
18T (2ea)



10mm x 55mm Bolt  
MCS1055 (2ea)



10mm Lock Nut  
MLN10-1.5 (2ea)



Rear Axle  
Nut  
AX-N-P-3  
(2ea)

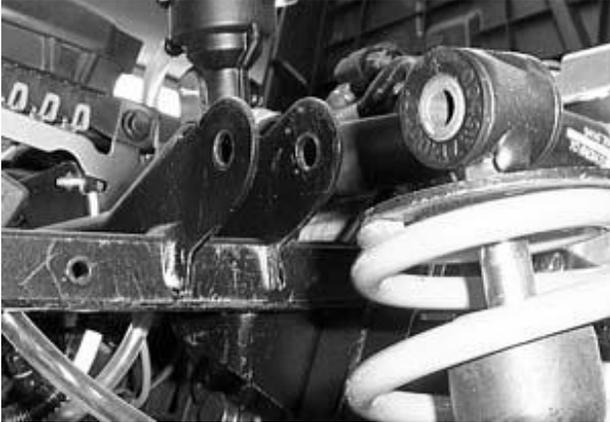


Cotter Pin  
CP182Z (2ea)

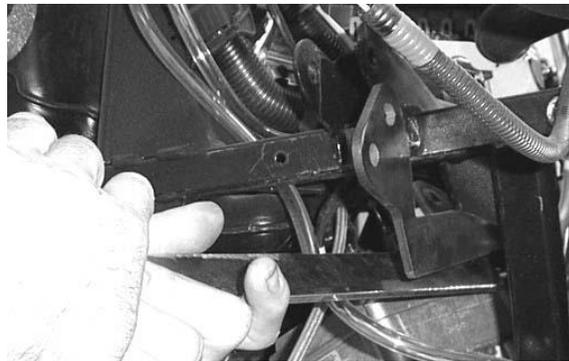
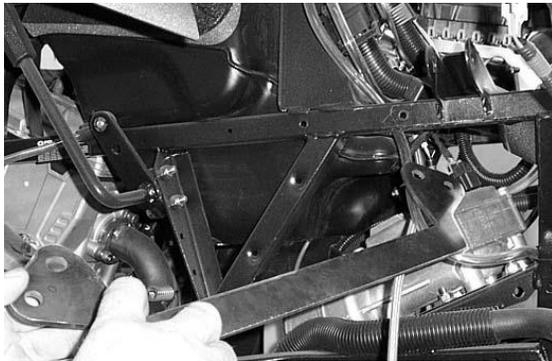


### Front Lift Installation

- 1) Place ATV transmission in park. Place jack under center of ATV 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) Remove front wheels.
- 3) Disconnect the top of the front shock from the shock mount tabs. Do both sides at this time.



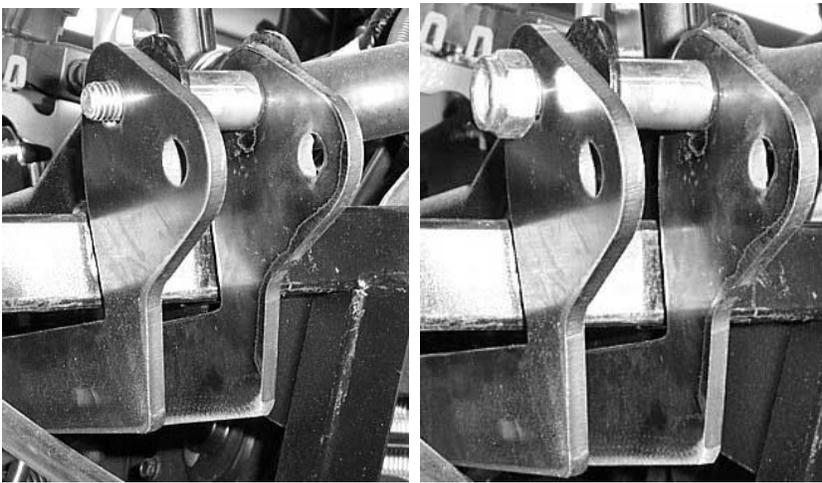
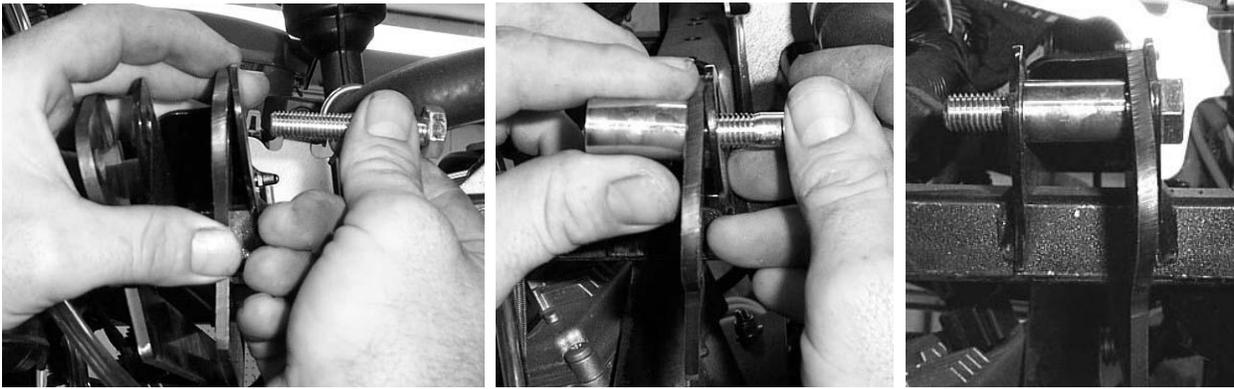
- 4) Insert the two front lift brackets between the shock mount tabs. Insert into the frame, under the shock mount tabs.



- 5) Once the brackets are inserted between the two shock mount tabs. Connect them to the ATV. One bracket will go to the inside of the tabs and the other will go on the outside of the tabs, to the rear of the ATV.



- 6) Connect brackets to the frame using the 10mm x 55mm Hex bolts and 10mm lock nuts and front small spacer.



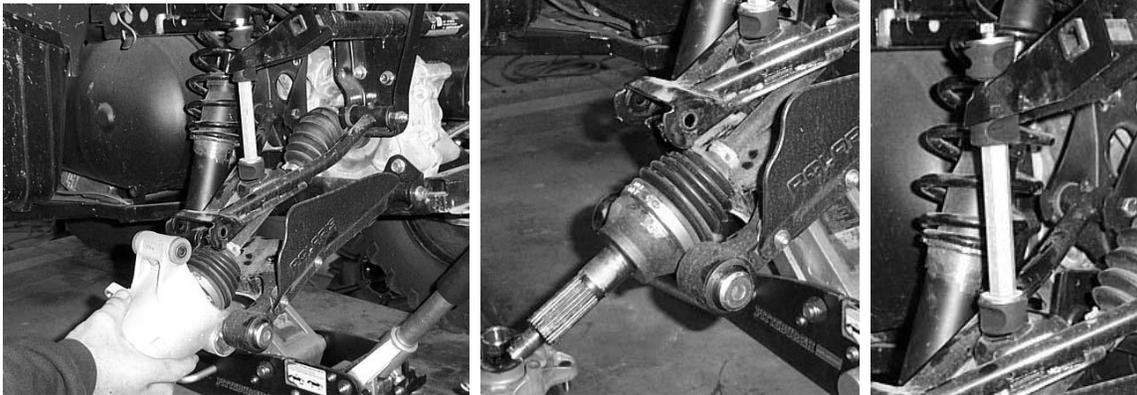
- 7) If you have not done so already, do the opposite side.
- 8) Next, connect the top of the shock to the brackets using the 3/8" x 2 1/4" bolts and 3/8" lock nuts.



- 9) Once both sides are complete, torque all bolts tight, place wheels back on the ATV, and lower jack.

## Rear Lift Installation

1. Place ATV transmission in park. Place jack under center of ATV rear end and lift until rear 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. Remove rear wheels.
3. You will need to remove the hub assembly and sway-bar links from both sides before you start the installation process.



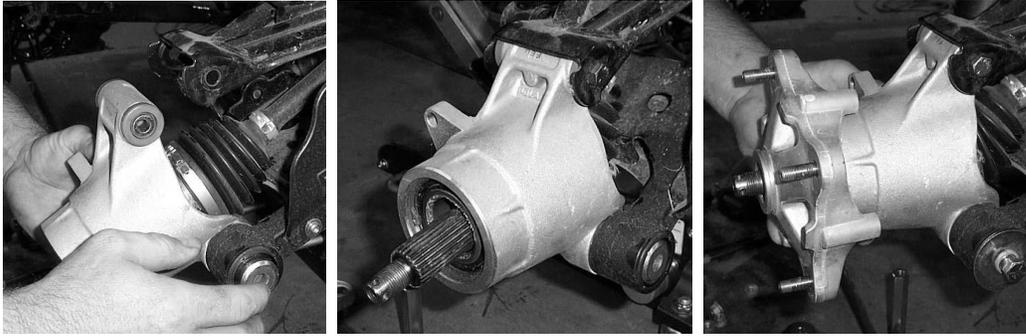
4. Replace the sway-bar link bracket with the new Rear Hex Bar provided in the kit. Do both sides at this time.



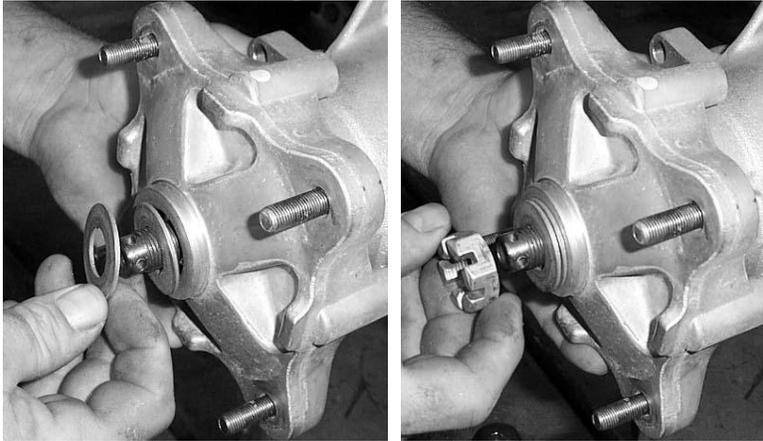
5. On the end of the axles, place the axle spacer provided in the kit.



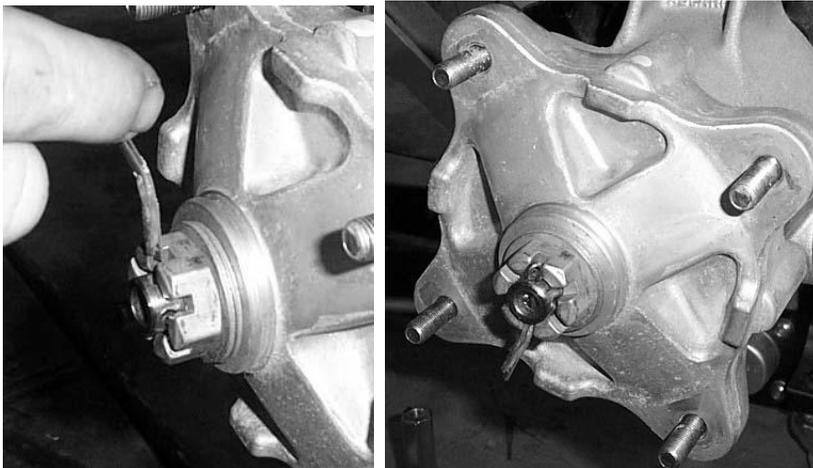
6. Reconnect the hub assembly to the control arms.



7. Make sure to place the two factory washers back on the hub assembly and replace the factory castle nut with the one provided in the kit.

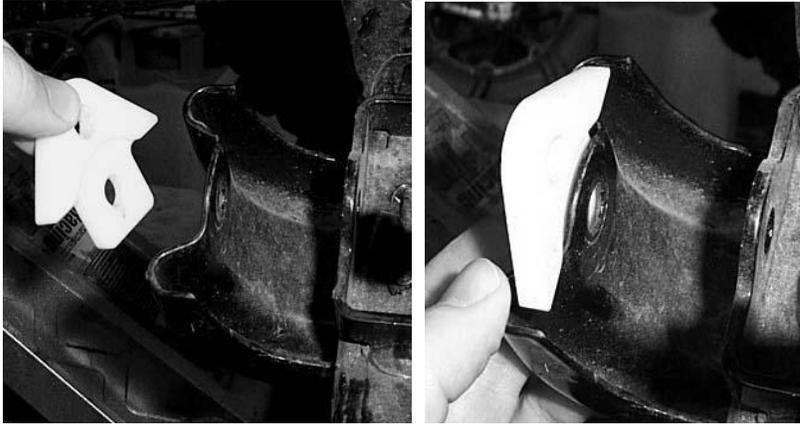


8. Lock the castle nut in place with the new cotter pin provided in the kit.

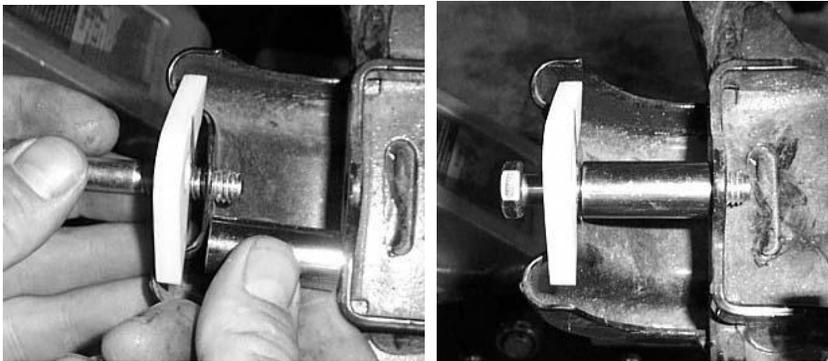


9. Next connect the lift brackets to the frame. We have labeled the brackets for the rear as Rear Inside and Rear Outside Brackets. Outside refers to the backside of the rear control arm, and inside refers to the inside portion of the rear control arm. You will attach the brackets to the lower portion of the shock and the brackets will nest next to the shock mount tabs on the control arm.

10. Place the rear outside bracket in place next to the shock mount tab on the control arm.



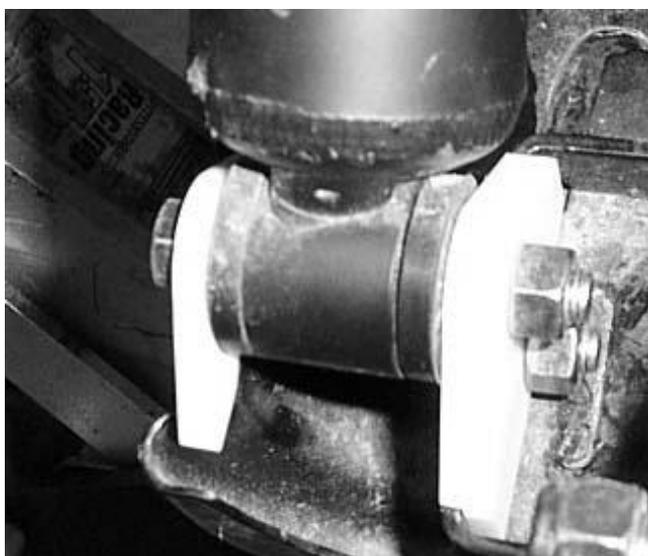
11. Insert the large spacer between the shock mount tabs connect them together using the 3/8" x 2 1/2" hex bolt.



12. Place the inside rear bracket next to the shock mount tab and secure it to the tab using the 3/8" lock nut.



13. Connect the lower porting of the shock to the lift brackets using the 3/8" x 2 1/2" bolts and 3/8" lock nuts.



14. Make sure all lock nuts are tight and repeat steps for opposite side.

15. Place all wheels back on the ATV and torque all lugs to factory specifications.

**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