High Lifter Products, Inc.
780 N Professional Drive
Shreveport, LA 71105

318-524-2270
FAX 318-524-2297

Can-Am Outlander

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. It is designed for utility type, slow-speed use on relatively flat terrain in deep mud or snow. Although we have many thousands of satisfied lift kit customers and over 1,800 franchised dealers selling and installing lift kits, 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.

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 a lift kit, 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.

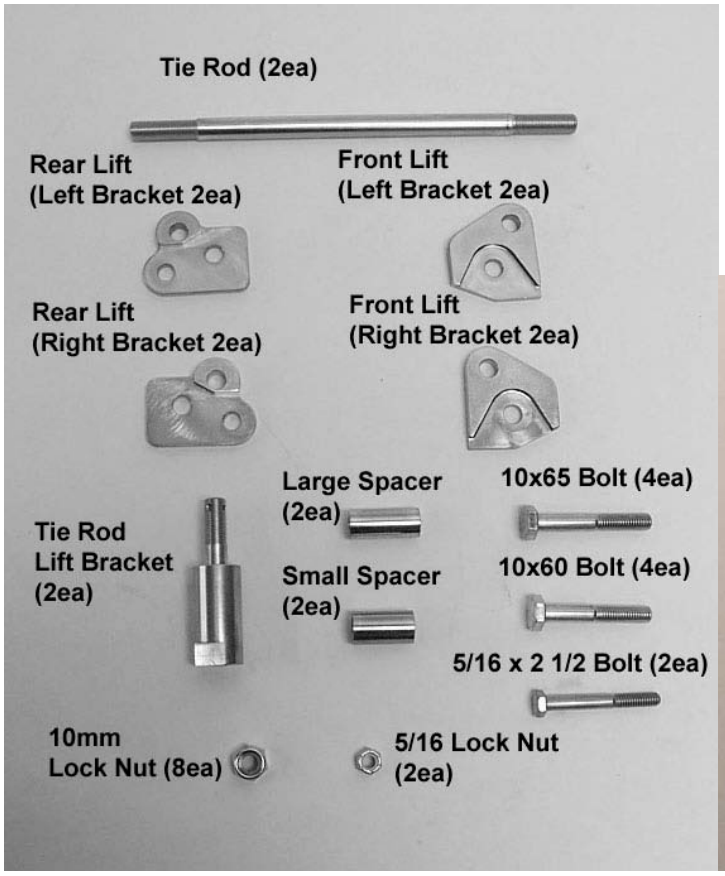
If this product is not what you expected, or is not consistent with your intended use, you should return the product immediately to the seller, before installation, for a refund of the purchase price; less any fees. After installation, product is warranted for 90 days for defects in workmanship and materials. Warranty is limited to refund of the purchase price or replacement of the kit, at the seller's option.

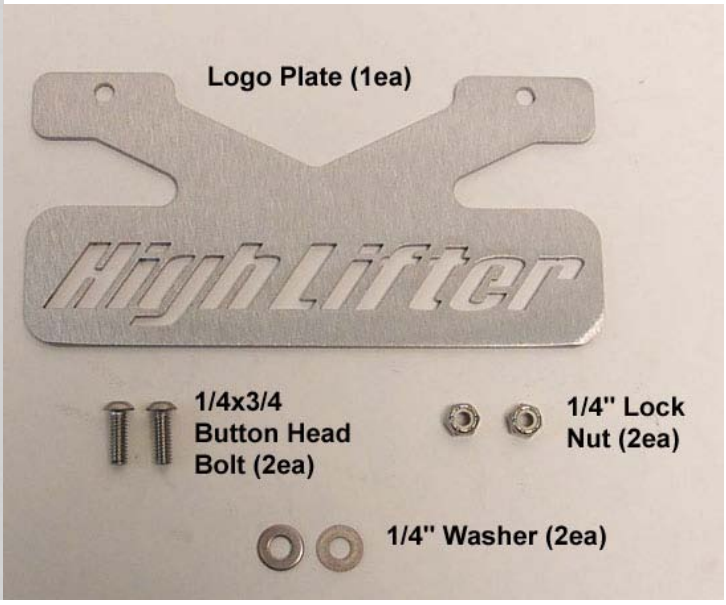
Dealers and other Installers

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 a lift kit. If you install the lift kit, 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 a lift kit is installed.

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





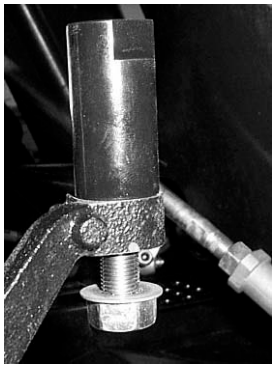
Note: Left and Right positions are from the seated position on the ATV.

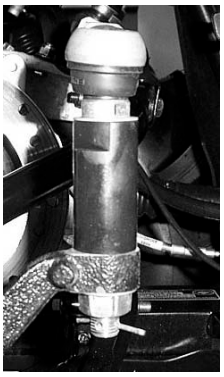
Front Lift Installation

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 bottom of the front shock from the control arm.
4) Remove the front tie rods from the ATV. **NOTE: You will reuse the tie rod ends and washers!**


5) Connect the tie rod ends to the new tie rods. Make sure to notice the grooved end of the new tie rod. This end has the left handed threads. This will be connected to the tie rod end that is attached to the knuckle /hub assembly.
6) Next, connect the new tie rod lift brackets to the steering knuckle using the washers.

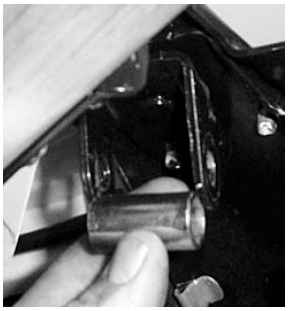


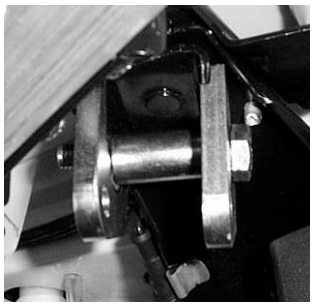




7) Disconnect the top of the shock from the ATV.

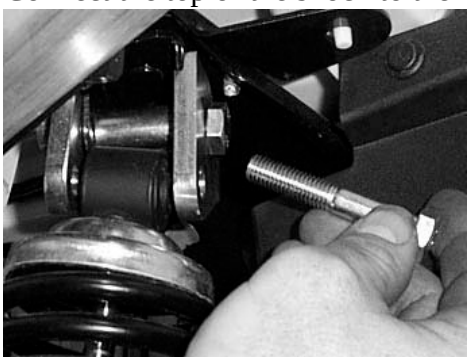
8) Insert the small spacer in the shock mount tab and place the Front Lift Brackets on either side of the shock mount tabs. Secure the brackets and spacer using 10 x 60mm hex bolt and 10mm lock nut.



NOTE: If the brackets do not fit just right the Stock Shock Mount is Adjustable and can be moved. You may need to adjust it to make the brackets fit properly.


9) Connect the top of the shock to the lift brackets using the 10 x 60mm hex bolt and 10mm lock nut.




10) Repeat these steps for opposite side.
11) Make sure all lugs are torque to factory specifications.
12) Place wheels back onto ATV and lower jack.

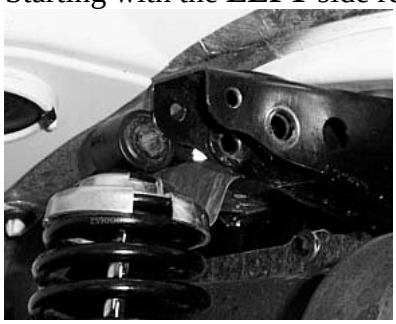
Aligning the front wheels

1. Make sure that the handlebars are straight.
2. Take a tape measure and measure from a flat spot on the front and back ends of the tire.
3. They must both be the same distance. If they do not then you will need to adjust the tie rods in or out.

NOTE: A slight <u>toe out</u> makes the steering less sensitive and the ATV <u>more stable</u>. When adjusting the toe, be sure to take the time to adjust both ends half the required distance.

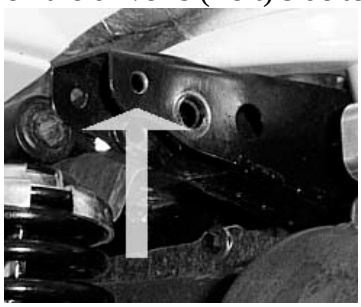
Rear Lift Installation

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 the suspension can droop to full extension.
2. Remove rear wheels.
3. Starting with the **LEFT** side remove top of the rear shock.



NOTE: VERY IMPORTANT WHEN DISCONNECTING THE SHOCK FROM THE FRAME DO NOT LET THE CONTROL ARM DROP SUDDENLY. THIS CAN CAUSE THE AXLE TO PULL OUT FROM THE DIFFERENTIAL.

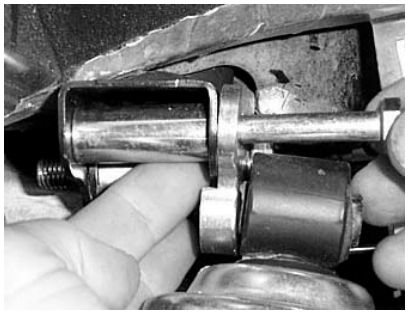
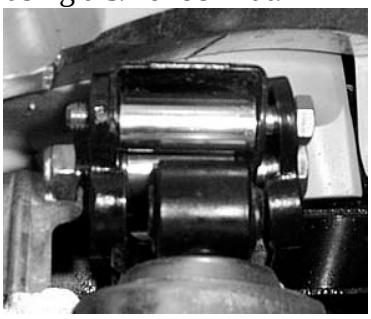
4. Once you have disconnected the top of the shock from the frame, you will need to enlarge the bolt hole on the driver's (Left) side to accommodate the 5/16 x 2 ½ hex head bolt. Use a 5/16 drill bit to this.



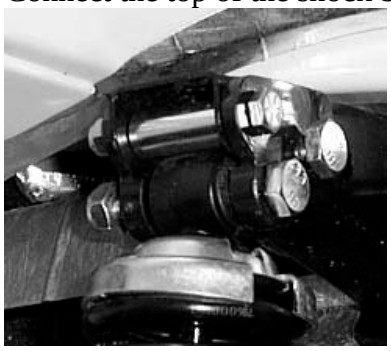
5. Insert one 10x 65mm hex bolt thru one of the right lift brackets, and then place the small rear spacer into the stock shock mount location. Insert the bolt thru the shock mount and spacer.

6. Next, place one left lift bracket onto the bolt and fasten it with a 10mm lock nut.

7. Now, place the large spacer into the frame, between the two lift brackets, and connect them using the 5/16 x 2 1/5 hex bolt. Secure it using a 5/16 lock nut.

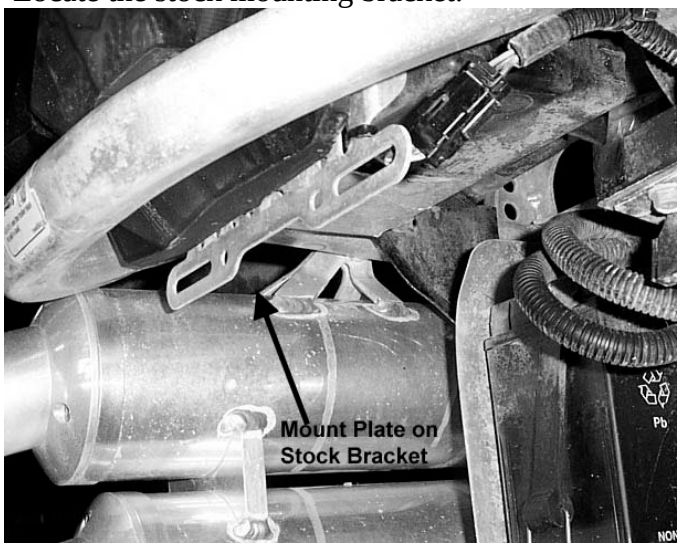
8. Connect the top of the shock between the two lift brackets using a 10x65 hex bolt and 10mm lock nut.




9. Repeat the steps for the right side. You will not need to enlarge the hole on the right.
10. Once you are complete place the wheels back on the ATV and torque all lugs to factory settings.

Badge Installation

1. Locate the stock mounting bracket.



2. Mount the High Lifter Badge to the stock mounting bracket.
3. Use the ¼” x ¾” button head bolts, ¼” washers, and ¼” lock nuts provided.