

Can-Am Outlander 1000/850 Rear Raked APEXX Control Arm Kit HDRRA-C10L-B (79-84413)



HIGHLIFTER

SEIZMIK™


FALCON RIDGE

 **SNORKEL**
YOUR ATV

SYSTEM 3
OFF-ROAD
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EPI
PERFORMANCE

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Parts Available For These Popular Brands and Others

POLARIS

can-am



HONDA

Kawasaki

 **YAMAHA**

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.

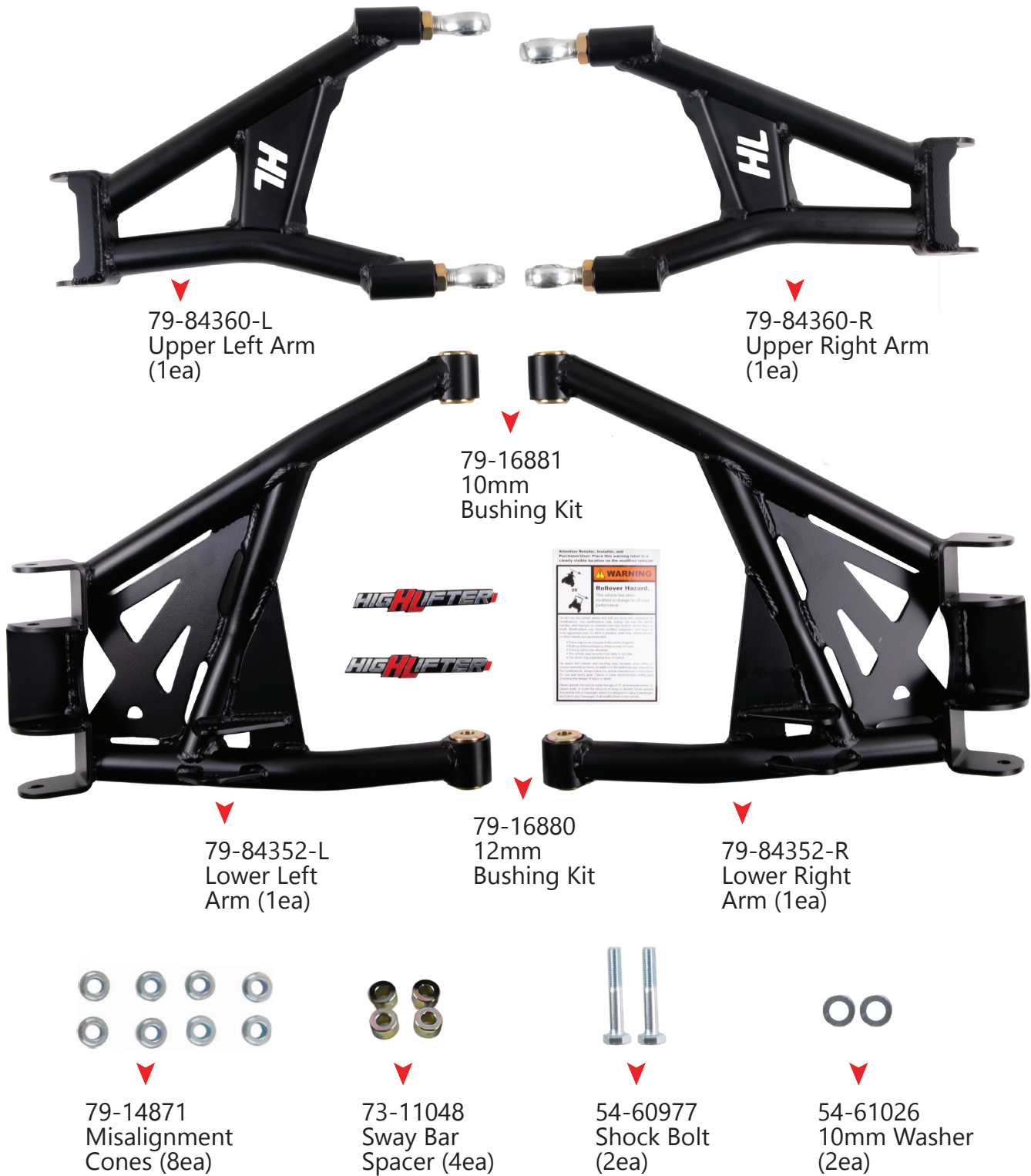
If this product is not what you expected, or is not consistent with your intended use, you should return the product immediately to the seller, before installation, for a refund of the purchase price; less any fees. After installation, product is warranted for 90 days for defects in workmanship and materials. High Lifter Products will warranty only parts provided by High Lifter Products. Any damage or problems with OEM housings, bearings, seals, or other manufacturer's products will not be covered by High Lifter Products. Parts and products will not be warranted if item was not installed properly, misused, or modified.

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 kit is installed.

PARTS DIAGRAM



REMOVING STOCK COMPONENTS

1



Place the jack under the REAR center of the UTV and lift until the weight is off the suspension. Ensure that the vehicle is properly secured, so that it is stable on the jack.



REMOVING STOCK COMPONENTS

2



Remove the rear wheels.
Remove the cotter pins off axle nut as shown.

3



Remove axle nut using 27mm socket.

4



Disconnect the sway bar link from the control arm on both sides of the ATV.

REMOVING STOCK COMPONENTS

5



Drill out the rivets that connect the brake line to the rear control arms on both side.

NOTE: FACTORY BRAKE LINE RIVETS SHOULD BE DISCARDED AND NOT REUSED.

6

Disconnect the caliper from the mount, but **do not disconnect** the brake line from the caliper. Place the caliper so that it is not in the way when working.

7

Remove the hub and rotor assembly.

CAUTION: MAKE SURE TO SUPPORT THE HUB AND BRAKE LINE

8



Remove the rear upper and lower control arms from both sides.

9

In case your bushings and sleeves are not installed in the lower control arms, there are 10mm and 12mm bushings. The collar that is closest to the rear on the lower control arm is the 10mm collar and will use the 10mm bushing kit and the collar that is located to the inside or towards the front will be the 12mm bushing kit.

REAR ARM INSTALLATION

10

When the bushing and sleeves are in place connect the control arms to the frame using the stock hardware. Start with the upper arm first then do the lower arm at the frame.

11

For the upper, the heim joints are pre-set to factory specifications. There are alignment cones that will be placed on either side of the heim joint. Use the factory hardware to connect the upper arms to the frame.



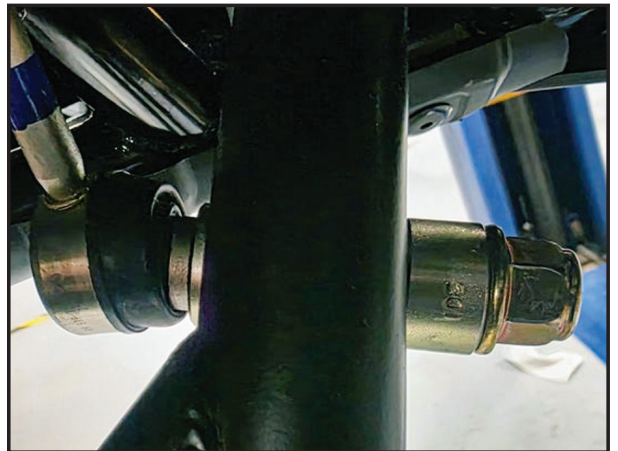
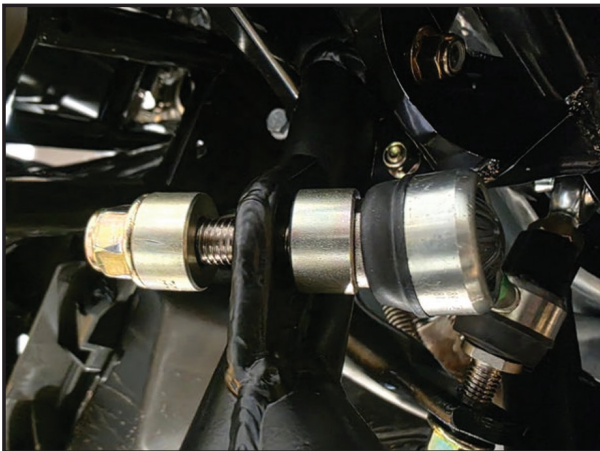
12

Now connect the lower control arms to the frame with the bushings in the proper locations. Use the factory hardware to connect the lower arms to the frame.



13

Connect the sway bar to the new control arms. There are new spacers that you will use in either side of the sway bar tab on the lower control arm. Make sure to place these spacers, one on either side of the tab and secure it with the factory bolt and nut.



14

Connect the shock to the new control arms. There are new 10mm x 60mm shock bolts and 10mm washers that will be used to connect the shocks to the control arms. Use the factory 10mm lock nut to secure the shock.



15

Next connect the upper and lower arms to the knuckle assembly using the factory hardware. Reconnect the calipers using the factory hardware.



16



Secure the brake lines to the new arms using the brake line clamps. There are 6ea in a box, use three per side.

NOTE: DO NOT REUSE FACTORY BRAKE LINE CLAMPS. SUPPLIED BRAKE LINE CLAMPS MUST BE USED DURING INSTALLATION.

17

Repeat steps for opposite side.

18

Once you have installed the control arms, place the wheels back on the ATV. **Torque all fasteners and hardware to factory specifications** and lower the jack.

MAKE SURE ALL HARDWARE IS TORQUED TO FACTORY SPECIFICATIONS

POST-INSTALL CHECKLIST

- ☐ Verify suspension cycles freely.
- ☐ Check brake line clearance.
- ☐ Verify all hardware is tight.

INSTALLATION COMPLETE

THANK YOU FOR CHOOSING **HIGHLIFTER**

Verify suspension cycles freely
Check brake line clearance
Verify all hardware is tight

WARRANTY INFORMATION



HIGH LIFTER LIMITED LIFETIME WARRANTY

High Lifter offers a Limited Lifetime Warranty to the original purchaser that our product shall be free from defects in material and workmanship for the life of the product if utilized in accordance with the manufacturer's instructions for installation and operation of said products.

LIMITED LIFETIME WARRANTY EXTENDS TO THE FOLLOWING PRODUCT LINES:

- Lift Kits (Signature, Standard and Big Lifts)
- Control Arms
- Trailing Arms
- Radiator Relocation Kits
- Portal Gear Lifts
- Wheel Spacers
- Tow Hooks
- Control Arm Link Kits
- Racks

Damages to vehicle or any other object during the installation, use, or removal of High Lifter products are not covered under this warranty. Normal wear items included with any of the products covered under this Limited Lifetime Warranty are excluded from coverage. These items include, but are not limited to heim joints, tie rods, bearings, bushings, seals, gaskets, zinc plating, painted and powder coated finishes. Other exclusions of coverage under this warranty include, but are not limited to: damage or product failure due to improper installation, lack of maintenance, product modification, abuse, collision or use on vehicles for which product was not designed, repairs performed by anyone other than approved High Lifter personnel or made using non-High Lifter components. This warranty is valid for the original purchaser only and is non-transferable. High Lifter reserves the right to inspect any product before determining if the claim is valid and covered under this warranty. Claims determined to be caused by reasons other than a manufacturer defect will be rejected and an estimate for repair or cost of a replacement product if a repair is not possible, will be provided.

This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether express or implied, except the warranty of title.

WARRANTY PROCESSING

If you suspect your product is defective, **DO NOT disassemble the product** to determine the cause without prior approval as it may void your warranty status. This is especially true with our Portal Gear Lift. To begin the claim process, please e-mail our warranty team at warranty@highlifter.com and include the following in the e-mail:

- Your full name, address and contact phone number
- The year, make and model of your vehicle
- The part number of the product
- Photos of the product installed, and vehicle product is installed on
- Proof of purchase (Required for all warranty claims and you must be the original purchaser)

Once a claim is created, you will receive a return authorization number (RMA). Write this number on the outside of the box containing your defective product and include it along with your name and contact information inside the box. Product must be returned in the original box or a box of equal strength and packaging. Product sent without an RMA number visible on the outside of the box or sent COD will be refused. Ship your product to the following address:

High Lifter Products
Attn: Returns 7455 Atkinson Dr, Shreveport, LA 71129

Once your product is received, we often have your replacement or repaired product shipped back to you within 3-business days of receiving it. Please note that **High Lifter is not responsible** for shipping charges on product returned for warranty or repair, including duties and fees required by those residing outside the United States.