
HDTA-CMX3

CAN AM MAVERICK X3 - (HEAVY DUTY) TRAILING ARM KIT



Parts Available For These Popular Brands and Others

POLARIS

can-am



Kawasaki



HIGHLIFTER



sales@highlifter.com



800-699-0947 | 8:00am - 6:00pm CST



780 Professional Drive North, Shreveport, LA 71105



www.highlifter.com

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.

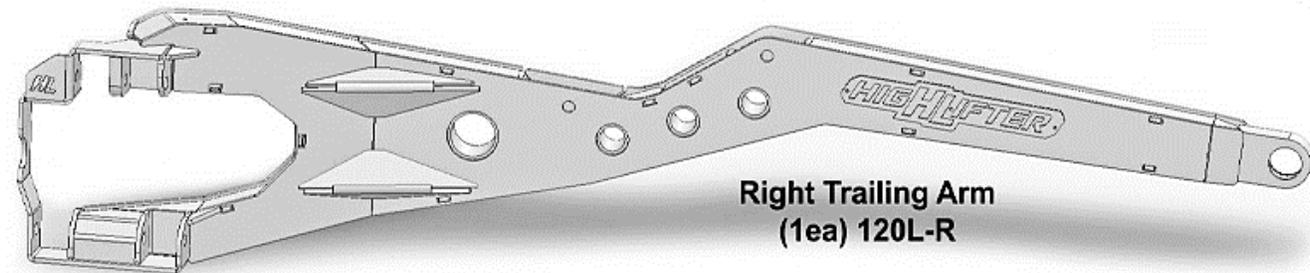
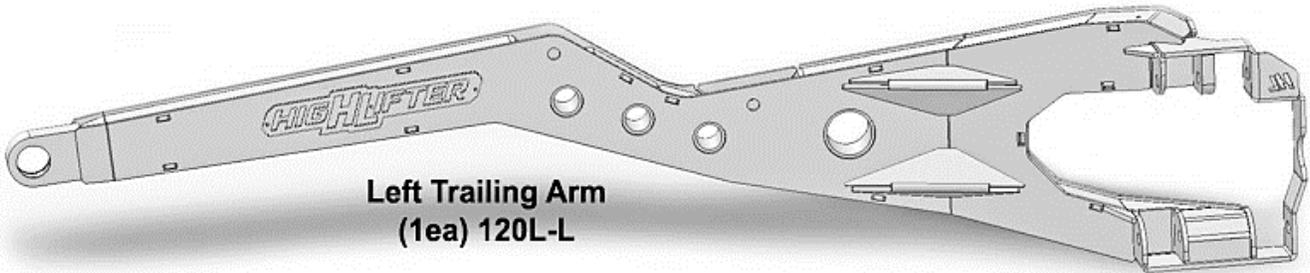
If this product is not what you expected, or is not consistent with your intended use, you should return the product immediately to the seller, before installation, for a refund of the purchase price; less any fees. After installation, product is warranted for 90 days for defects in workmanship and materials.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

PARTS DIAGRAM



**#12 Self Tapping
Screw
(12ea) T121**

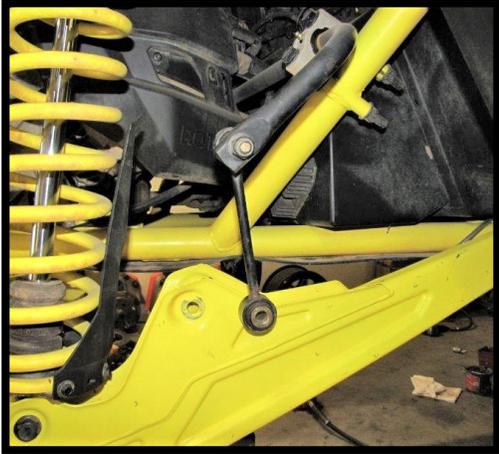


**Retaining Ring
(2ea) 112H**

Installation Instructions

(PASSENGER SIDE)

1. Before you jack up the UTV, disconnect the rear sway bar from the arms.



2. Next, jack up the rear of the UTV, securing it properly so that it does not fall, but it allows the arms to drop to full extension. Remove rear factory tires.

3. Disconnect the brake lines from the arms. You will need to drill out each rivet. Retain your factory p-clips to reuse.



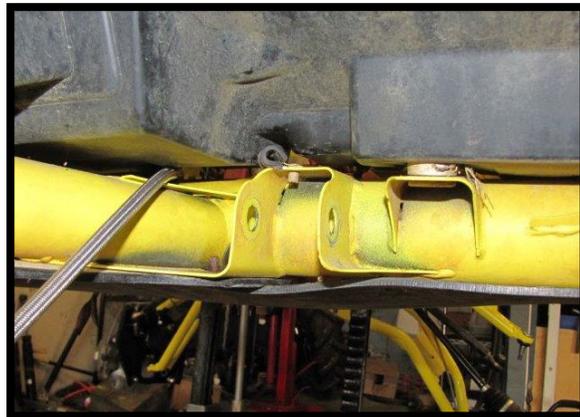
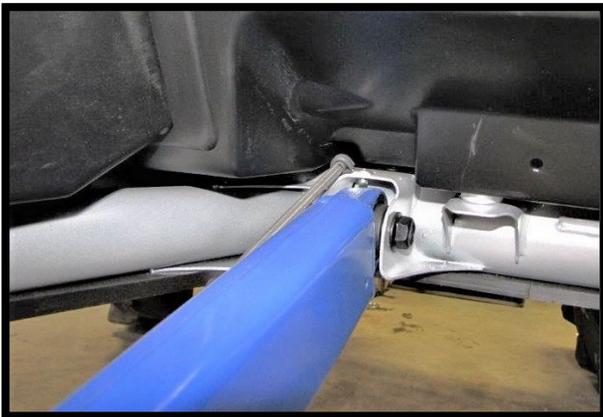
4. Disconnect the brake caliper/hub assembly/radius bars and knuckle from the factory trailing arms.



5. Disconnect the shock from the trailing arm.



6. Disconnect the arm from the frame.



7. Next, you will need to remove the radial joint from the factory trailing arm. The factory radial joints will be re-used if they are in good condition.

NOTE: Inspect and check for wear. If they are damaged or worn out, its recommended to order new joints to press into the new trailing arms.

8. First, remove the factory retaining ring using a small screwdriver or pick.



9. One side of the radial joint bracket has a lip, and the other side doesn't. Using a press or vise, you will need to CAREFULLY press the joint out of the bracket from the lipped side.



10. Before pressing the joint into the new trailing arm, we recommend removing a boot from one side to prevent any damage while pressing it in. Use a flat head, pinch with your thumb, and then pull it up.



11. To press the joint in straight to the new trailing arm, first find a socket or pipe that fits just to the outer diameter edge of the joint.



12. Find the new passenger side **trailing arm 120L-R**. Apply a small amount of grease to the joint, then place it STRAIGHT into the bracket. Use a press or vise to press it in STRAIGHT until it stops against the lip.



13. Once the retaining ring groove is visible, you can then re-install the boot. Use a flat head to press it back in and take care not to damage it. Then place and snap in the **retaining ring 112H**.



14. Reconnect the arm to the frame using factory hardware.



15. Connect the shock to the new trailing arm using the factory hardware.



16. Connect the rear knuckle and Insert the axle. Reconnect the radius bars. Then install the rotor assembly and brake caliper using the factory hardware.



17. Attach the factory sway bar link to the new trailing arm using the factory hardware.



18. Attach the brake line to the predrilled holes on the back side of the trailing arm by using the factory p-clamps and the #12-1" Tek self-tapping screws. Do not over torque.



19. Make sure the brake line does not get pinched or put in a bind once installed.
20. Repeat the steps for the opposite side.
21. Place the wheels back on the UTV and torque all lugs to factory specifications.

*Thank You
For Choosing*
HIGHLIFTER



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