

HDTA-C10L HEAVY DUTY TRAILING ARMS KIT



HIGHLIFTER

SEIZMIK™



sales@highlifter.com



800-699-0947 | 8:00am - 5:00pm CST



7455 Atkinson Drive, Shreveport, LA 71129



www.highlifter.com

Parts Available For These Popular Brands and Others

POLARIS

can-am



HONDA

Kawasaki

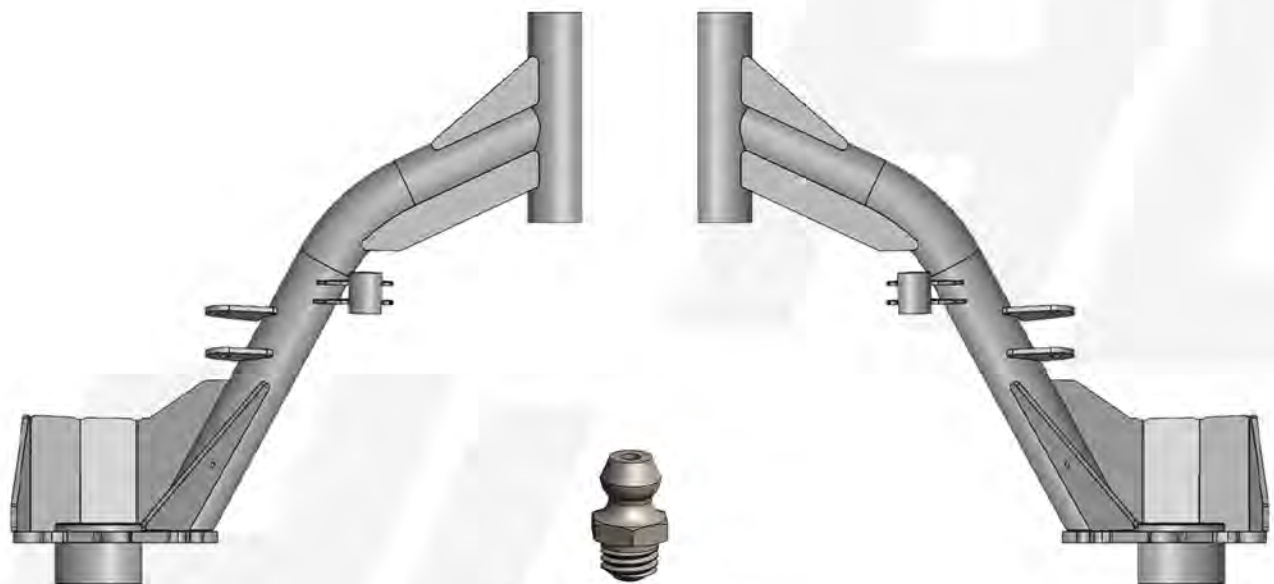


YAMAHA

HIGHLIFTER

MAX CLEARANCE HEAVY DUTY TRAILING ARMS

**79-16136-B
(L/R)**



**LEFT ARM
(1 EACH)**

**GREASE FITTING
54-60793
(2 EACH)**

**RIGHT ARM
(1 EACH)**

**SHIM
54-96334
(2 EACH)**

**WASHER
54-61026
(4 EACH)**



PRODUCT DISCLAIMER

The installation of products sold or manufactured by High Lifter Products including, but not limited to suspension components such as lift kits, gear reduction lifts, frame stiffener kits, snorkels, and tires that exceed the original specifications for the vehicle, may change the vehicle's center of gravity and handling characteristics both on- and off-road. You are aware that the installation of tires that are larger than original vehicle specifications may reduce the effectiveness of the braking system. Use of these products may place added stress to the original factory vehicle components which could cause them to weaken or possibly fail.

Products sold or manufactured by High Lifter Products are intended for off-road use only. Operation of a vehicle modified with these products on a road could result in serious bodily injury or death, and such operation may violate the laws of your state or municipality. You agree to operate your vehicle exclusively in the manner intended by the vehicle manufacturer. You agree that failure to safely and reasonably operate your vehicle could result in serious bodily injury or death, and that, as a result of installation of this product(s) to your vehicle, extreme care must be taken to prevent vehicle rollover or loss of control, which may be more likely to occur as a result of said modifications. You will avoid unsafe maneuvers, including sudden sharp turns or other abrupt maneuvers, which could make a vehicular accident more likely. You understand that High Lifter Products is not responsible or liable for any damages or any injuries to yourself or your passengers that could occur upon possible accidents due to driver error, incorrect installations, bad judgment, incompatibility with other aftermarket accessories or natural disasters to the fullest extent allowable by law.

You will have all vehicle occupants fasten seatbelts, if equipped, and wear proper safety equipment, such as DOT approved helmet and eye protection prior to operating the vehicle. You understand and acknowledge that failure to wear proper safety equipment may increase the risk of serious bodily injury or death to yourself and any passengers.

Proper installation of products sold or manufactured by High Lifter Products requires knowledge of the factory recommended procedures for removal and installation of original equipment components. Installation of these products without proper knowledge and experience may affect the performance of these components and the safety of the vehicle and cause serious bodily injury or death. It is strongly recommended that a certified mechanic familiar with the installation of similar components perform the product(s) installation.

Prior to installing any products sold or manufactured by High Lifter Products you will perform or cause to be performed an inspection of their vehicle to confirm its condition is suitable for the installation of these products. A proper inspection of the vehicle includes confirmation that the vehicle has not been in a collision and is free of corrosion. If the vehicle is suspected to have been in a collision or misused, or is otherwise unsuitable for modification, you will not install the product(s). You will continue to inspect the vehicle prior to each use to confirm its condition is suitable for its intended use, and you acknowledge that the failure to do so may result in serious bodily injury or death, as well as damage to the vehicle itself.

You will install any warning labels provided with the product so it may be prominently seen by yourself and all passengers. You will notify all passengers of the modifications performed to your vehicle prior to operation.

Insurance companies may handle coverage of a modified vehicle differently. Please check with your insurance carrier prior to modifying the vehicle to ensure your coverage remains sufficient.

Installation of this product(s) may void your vehicle warranty. If this is a concern, please check with the manufacturer or dealer before purchase or installation of this product(s).

HIGHLIFTER



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**

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 warrantycare@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 Drive, 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.

THANK YOU FOR CHOOSING
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STEP 1 REMOVAL INSTRUCTIONS



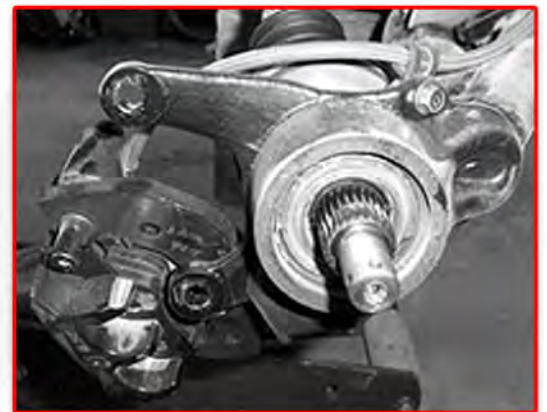
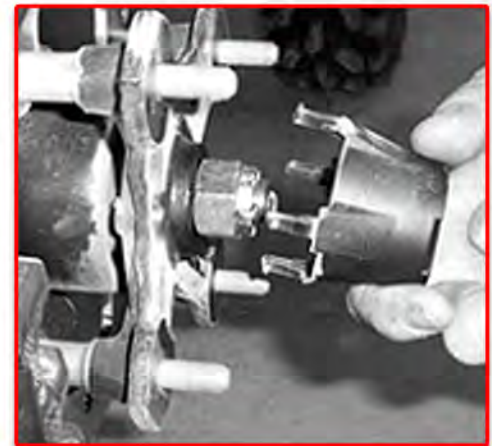
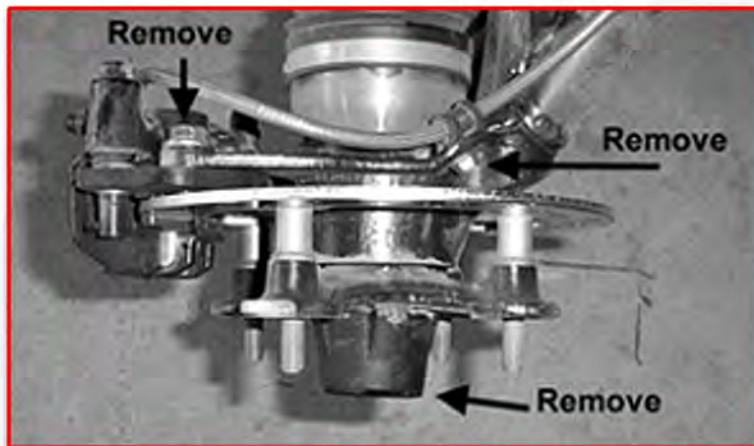
NOTE: YOU WILL REUSE ALL FACTORY HARDWARE TO CONNECT THE NEW ARMS.



PLACE JACK UNDER THE CENTER OF REAR AND LIFT UNTIL THE WEIGHT IS OFF THE SUSPENSION. BE CAREFUL TO SECURE PROPERLY SO IT IS STABLE ON THE JACK OR JACK STANDS REMOVE TIRES.



DISCONNECT THE CALIPER/KNUCKLE/HUB ASSEMBLY AND BRAKE LINES FROM THE FACTORY TRAILING ARMS.



STEP 2

DISCONNECT THE BRAKE LINES.



STEP 3

NEXT, DISCONNECT THE SHOCK FROM THE ARM AT THE SHOCK MOUNT POINT.



STEP 4

DISCONNECT THE SWAY-BAR LINKS FROM THE TRAILING ARMS. YOU WILL REUSE THE BUSHINGS AND SLEEVES FROM THE STOCK ARMS.



STEP 5

NOW, DISCONNECT THE ARM FROM THE FRAME BY REMOVING THE NUT FROM THE LEFT SIDE OF THE PIVOT SHAFT ON THE ATV. THEN PULL OUT THE PIVOT SHAFT ON THE RIGHT SIDE OF THE ATV. IT TAKES TWO PEOPLE TO DO THIS STEP!



STEP 6

ONCE YOU HAVE REMOVED THE ARM, DISCONNECT THE PLASTIC BOOT PROTECTOR FROM THE FACTORY ARM AND RECONNECT IT TO THE NEW TRAILING ARM USING THE FACTORY HARDWARE.

NOTE: STARTING WITH 2017 MODELS YOU WILL NO LONGER BE ABLE TO USE YOUR PLASTIC BOOT GUARD.



NOTE: AT THIS POINT YOU HAVE TWO OPTIONS! YOU CAN ORDER REPLACEMENT BEARINGS AND SEALS. WE HIGHLY RECOMMEND THIS FIRST OPTION! THE BEARINGS IN THE PART OF THE STOCK TRAILING ARM THAT CONNECTS TO THE FRAME ARE EXTREMELY DIFFICULT TO REMOVE! THE SECOND OPTION IS TO REMOVE THE FACTORY BEARINGS. IF YOU CHOOSE THIS OPTION THEN YOU NEED TO BE AWARE THAT IS IT EXTREMELY DIFFICULT TO REMOVE THESE BEARINGS AND NOT DAMAGE THEM!

WE ARE NOT GOING TO INCLUDE STEPS ON HOW TO REMOVE THE FACTORY BEARINGS DUE TO THE DEGREE OF DIFFICULTY IN REMOVING THEM.

NOTE: A PRESS OR A VISE IS SUGGESTED FOR REMOVING AND REPLACING THE BEARINGS. IF YOU PRESS IN THE BEARING CROOKED, DO NOT TRY TO FORCE IT IN! IF YOU TRY TO FORCE IT STRAIGHT, YOU CAN "EGG" THE OPENING. PRESS THE BEARING OUT AND REINSERT IT INTO THE OPENING, PRESSING IT IN WITH A VISE. WHEN APPLICABLE, VERIFY THAT THE RETAINING CLIP SNAPS INTO PLACE AFTER INSTALLING THE BEARINGS. YOU SHOULD ALWAYS DOUBLE CHECK RETAINING CLIPS FOR PROPER FIT. EVEN IF YOU USE SNAP RING PLIERS, THEY MAY NOT SEAT. YOU CAN USE A FLATHEAD SCREWDRIVER AND A HAMMER TO TAP THE SNAP RING TO ENSURE THAT IT IS SEATED INTO THE GROVE

INSTALLATION NOTE: TO MAKE THE BEARINGS GO IN EASIER YOU CAN PLACE THEM IN THE FREEZER FOR SEVERAL HOURS. THIS WILL SHRINK THE METAL ENOUGH TO HELP THEM GO IN EASIER.

IF YOU REUSE YOUR FACTORY BEARING, BUSHINGS, SEAL, SLEEVES, AND RETAINING CLIP LOCATED IN THE FACTORY ARM. WE RECOMMEND THAT YOU CHECK IT FOR WEAR. NOW INSERT ALL INTO THE NEW HIGH LIFTER TRAILING ARM.

STEP 7

INSTALLING BEARINGS

REMOVE THE FACTORY RETAINING RING THAT HOLDS THE HUB BEARING IN PLACE ON THE FACTORY ARM. STARTING WITH THE HUB END OF THE HIGH LIFTER TRAILING ARM, INSERT THE HUB BEARING AND FACTORY CLIP. PUT A LITTLE GREASE ON THE OUTSIDE OF THE BEARING AND PRESS IT IN THE TRAILING ARM USING A VISE. SECURE IT WITH RETAINING RING.



STEP 8

INSTALLING BEARINGS

NOW, INSTALL THE 4 BEARINGS, 1 SLEEVE, AND 2 SEALS ON THE FRAME END OF THE TRAILING ARM. **THIS WILL BE DIFFICULT!!!**

START BY INSTALLING TWO OF THE BEARINGS IN ONE SIDE OF THE ARM. THEN INSERT THE SLEEVE IN THE OPPOSITE END. NEXT INSTALL THE REMAINING BEARINGS. PLACE THE SEALS AND FACTORY SPACERS ON BOTH ENDS.



STEP 9

INSTALLING BEARINGS

REMOVE THE FACTORY BUSHINGS AND SLEEVES FROM THE SWAY BAR MOUNT IN THE STOCK TRAILING ARM AND INSERT THEM INTO THE SWAY BAR MOUNT ON THE HIGH LIFTER TRAILING ARM.



INSTALL THE GREASE FITTING INTO THE NEW ARMS BEFORE INSTALLATION. DO NOT OVER TORQUE THE FITTINGS. MAKE SURE TO FILL WITH FACTORY APPROVED GREASE.



STEP 10

INSTALL INSTRUCTIONS

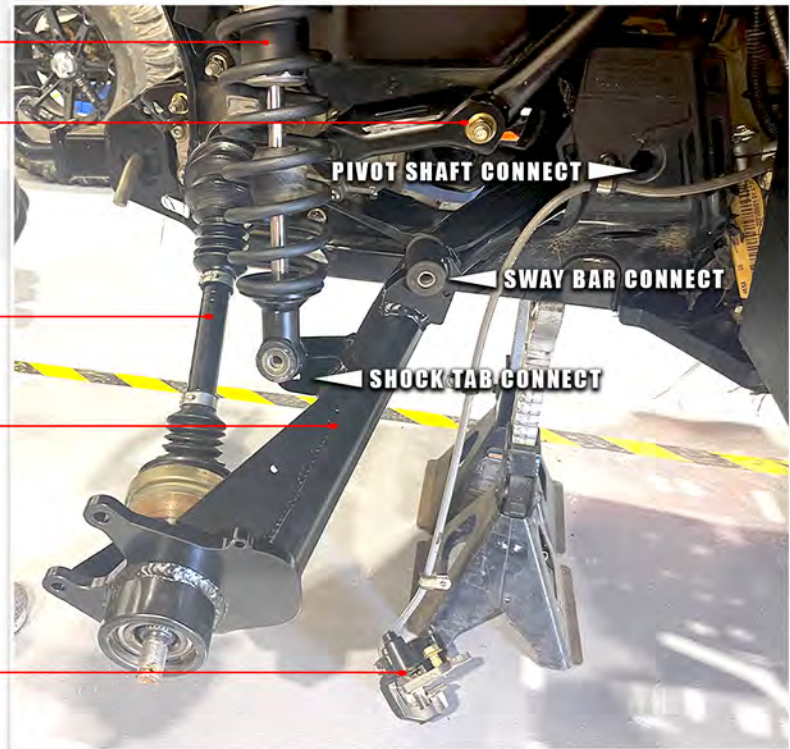
INSERT THE AXLE THROUGH THE TRAILING ARM, **BE SURE THE TRAILING ARM IS BELOW (GOING UNDER) THE BRAKE LINE.** THEN, SLIDE THE OTHER END OF THE TRAILING ARM INTO THE SLOT WHERE THE PIVOT SHAFT WILL BE INSTALLED.

**SHOCK
SWAY BAR**

AXLE

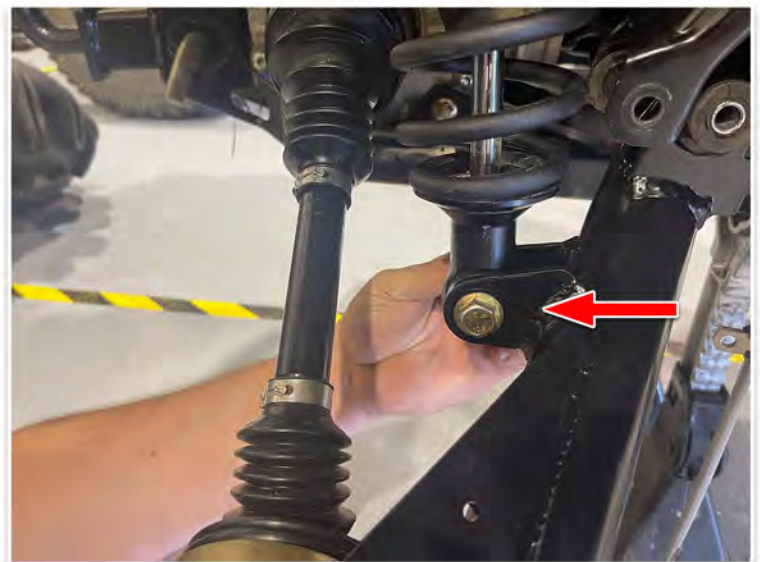
TRAILING ARM

BRAKE CALIPER



STEP 11

NOW, SLIDE THE PIVOT SHAFT THROUGH THE TRAILING ARM. *WHEN INSERTING PIVOT SHAFT, TRY NOT TO PUSH IT ALL THE WAY IN BECAUSE YOU HAVE TO INSTALL THE OTHER TRAILING ARM ON THE OPPOSITE SIDE.* NEXT, ATTACH THE SHOCK TO THE TRAILING ARM SHOCK TAB BY REINSTALLING THE FACTORY 10MM BOLT. **(WILL NEED A 15MM SOCKET).**



STEP 12

NEXT, ATTACH THE SWAY BAR LINK TO THE NEW TRAILING ARM USING THE FACTORY 10MM BOLT.



IF YOUR ATV IS 2023 OR NEWER YOU WILL NEED TO INSTALL THE PROVIDED SHIMS ON TO THE AXLE BEFORE YOU REINSTALL THE HUB, AS SEEN IN THE IMAGE BELOW.



REATTACH THE HUB TO THE AXLE USING THE STOCK AXLE NUT AND COTTER PIN.

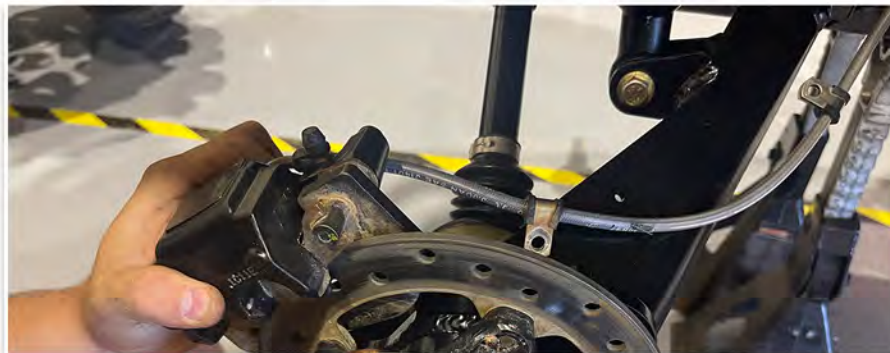
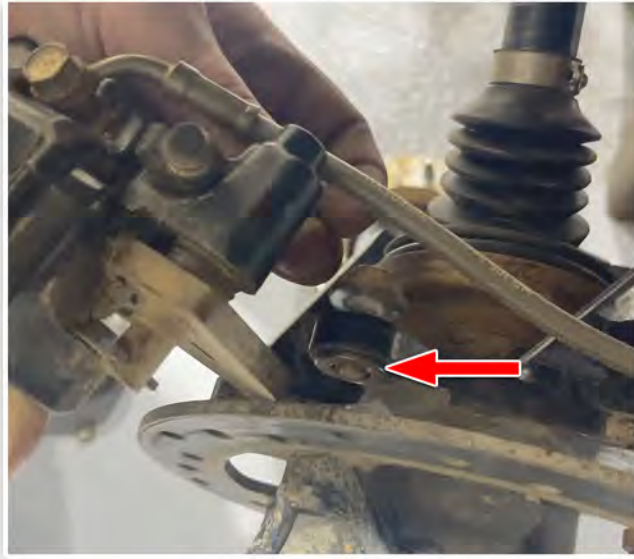


STEP 13

INSTALL INSTRUCTIONS

IF YOUR ATV IS 2023 OR NEWER YOU WILL NEED TO INSTALL TWO WASHERS (INCLUDED IN YOUR KIT), BETWEEN THE CALIPER AND TRAILING ARM. AS SHOWN IN THE IMAGE BELOW.

REATTACH THE BRAKE CALIPER AND SECURE THE BRAKE LINE USING THE STOCK FACTORY HARDWARE.



**TIGHTEN ALL BOLTS
AND NUTS TO FACTORY
SPECIFICATIONS
REPEAT ALL STEPS ON
OPPOSITE SIDE.**

REINSTALL TIRES AND LOWER JACK.

Thank You For Choosing
HIGHLIFTER