



K45-0815-0 Can-Am X3 72" Intense Series Upper Radius Rods



INTRODUCTION

PLEASE RETAIN THIS DOCUMENT FOR FUTURE REFERENCE

IF your ZBROZ® product has a damaged or missing part, please contact customer service directly and a new replacement part will be sent to you immediately.

For warranty issues, please return to the place of installation and contact ReadyLIFT.

Business hours are Monday through Friday 8AM-5PM MST.

PHONE: (435) 753-7774

EMAIL: customerservice@zbrozracing.com

WEBSITE: www.zbrozracing.com

LIMITED LIFETIME WARRANTY

Zbroz Racing will warranty to the original purchaser any failed Zbroz Racing suspension product in the event of failure due to construction or material failure of the product. You will be required to contact Zbroz Racing customer service with descriptions and photos that resulted in failure.

Zbroz Racing builds suspension products to meet and exceed your expectations in quality, performance and durability. All Zbroz Racing suspension products are rigorously tested during development and prototype parts are pushed to the limit by professional industry athletes, backcountry athletes and race teams. Zbroz Racing Limited Lifetime Warranty excludes the following wear parts as these parts are considered defective when worn: Ball Joints, Bushings, Bump Stops, Tie Rod Ends, Heim Joints, Shock Absorbers Product purchased directly from Zbroz Racing has a 90 day return policy on uninstalled products from the date of purchase (may be subject to restocking fee). Uninstalled product returns must be in the original Zbroz Racing packaging. Please call (435) 753-7774 to get an RGA# for any return. Customer is responsible for shipping costs back to Zbroz Racing. Returns without RGA# will be refused. Contact Zbroz Racing directly about any potentially defective parts prior to removal from vehicle.

Zbroz Racing is NOT responsible for any subsequent damages to any related vehicle parts due to misuse, abuse, improper installation, or lack of maintenance. Furthermore, Zbroz Racing reserves the right to change, modify or cancel this warranty without prior notice.

FOLLOW INSTRUCTIONS TO ENSURE PROPER INSTALLATION

READ INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING INSTALLATION. INSTALLATION BY A CERTIFIED PROFESSIONAL MECHANIC IS HIGHLY RECOMMENDED. READYLIFT IS NOT RESPONSIBLE FOR ANY DAMAGE OR FAILURE RESULTING FROM IMPROPER INSTALLATION.



TOOLS:

- Floor Jack (1)
- 18mm Socket (1)
- 18mm Open End Wrench (1)



PARTS:

- UPPER RIGHT RADIUS ROD (1)
- UPPER LEFT RADIUS ROD (1)
- 5/8 HEIM JOINT 3/4-16 (2)
- JAM NUT, 3/4-16, RH (2)
- 5/8" HEIM JOINT, LH, XTRA STRENGTH (2)
- 5/8" - 18 JAM NUTS, LH (2)
- EYELET REDUCER SS -10 X 12MM .195 (4)
- EYELET REDUCER SS -10 X 12MM .682 (4)

Step 1 — Safety Warning



- **MISUSE OF THIS PRODUCT COULD LEAD TO INJURY OR DEATH.** You should never operate your vehicle under the influence of alcohol or drugs. All raised vehicles have increased risk including blind spots; damage, injury and/or death can occur if these instructions are not followed.
- Suspension systems or components that enhance the on and off-road performance of your vehicle may cause it to handle differently than it did from the factory. Extreme care must be used to prevent loss of control or vehicle rollover during abrupt maneuvers.
- Always operate your vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Failure to drive safely may result in serious injury or death to driver and passengers. You should never operate your vehicle under the influence of alcohol or drugs.
- Driver and passengers must **ALWAYS** wear your seat belts, avoid quick sharp turns and other sudden maneuvers. ZBROZ does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

- Constant maintenance is required to keep your vehicle safe. Thoroughly inspect your vehicle before and after every off-road use.
- It is the responsibility of the retailer and/or the installer to review all state and local laws, with the end user of this product, related to bumper height laws and the lifting of their vehicle before the purchase and installation of any ReadyLIFT products.
- It is the responsibility of the driver to check their surrounding area for obstructions, people, and animals before moving the vehicle.
- All raised vehicles have increased blind spots; damage, injury and/or death can occur if these instructions are not followed.

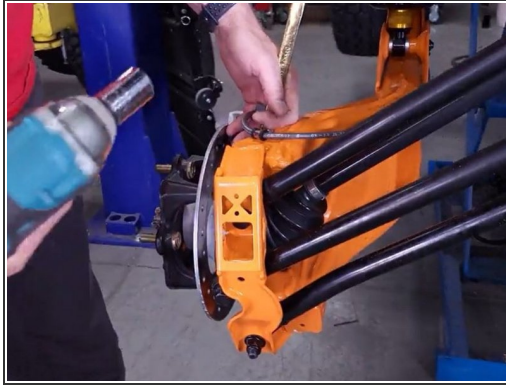
Step 2 — Installation Warning



- All steps and procedures described in these instructions were performed while the vehicle was properly supported on a two post vehicle lift with safety jacks.
- Use caution during all disassembly and assembly steps to insure suspension components are not over extended causing damage to any vehicle components and parts included in this kit.

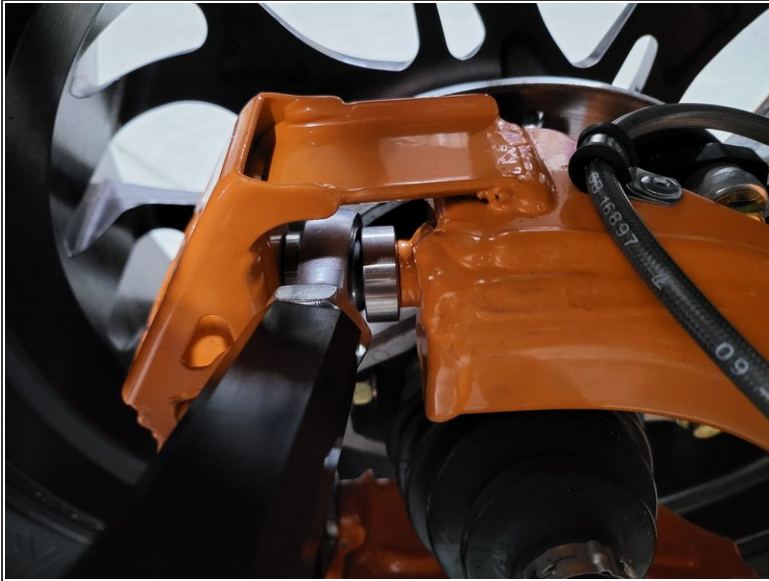
- Included instructions are guidelines only for recommended procedures and are not meant to be definitive. Installer is responsible to insure a safe and controllable vehicle after performing modifications.
- ZBROZ recommends the use of an OE Service Manual for model/year of vehicle when disassembly and assembly of factory and related components.
- Unless otherwise specified, tighten all bolts and fasteners to standard torque specifications listed within the OE Service Manual.
- Suspension components that use rubber or urethane bushings should be tightened with the vehicle at normal ride height. This will prevent premature wear or failure of the bushing and maintain ride comfort.
- Larger tire and wheel combinations may increase leverage on suspension, steering, and related components.
- Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle ride height. Always measure the vehicle ride height prior to beginning installation.

Step 3 — Stock Radius Rod Removal



- Start by making sure you are parked on a flat surface. With your floor jack or lift, raise your Can-Am X3 off of the ground and remove the rear wheels and tires.
- (IMAGE 1) Begin removing the Gusset Plate nuts by using a 18mm socket.
- ⓘ **NOTE:** All 6 nuts need to be removed. Do not separate the gusset plate yet. This will be done after removing all the upper Radius Rod bolts.
- (Image 2) Next, remove the Upper Radius Rod bolts on the trailing arms/hubs. Perform this step on both sides.
- (IMAGE 3) Carefully slide the Gusset Plate completely off of the 6 bolts.
- Pull the Upper Radius Rod center connection off the Gusset bolt first. Next, carefully remove the Upper Rod from the hub assembly.
- Repeat the above steps on the other side.

Step 4 — ZBROZ Upper Radius Rod Installation



- (IMAGE 1 & 2) On the new ZBROZ Upper Radius Rod be sure the ZBROZ logo is facing outward and can be read. Next install the EYELET REDUCER SS -10 X 12MM .682 (THICK) so that it is towards the front of the Can-Am X3. Install the EYELET REDUCER SS -10 X 12MM .195 (THIN) so that it is towards the rear of the Can-Am X3.
 - ❗ **NOTE:** The eyelet reducers will be in the same location on the gusset side and the hub side. (SEE IMAGE 1 & 2)
- (IMAGE 1) Begin by installing the radius rod into the hub side first making sure your eyelet reducers as well as the radius rod itself are oriented correctly. Now line up the bolt holes and insert the bolt to hold it in place.
 - ❗ **NOTE:** Some maneuvering may be required to line up the holes.
- (IMAGE 2) At this point you will now slide the opposite end of the Radius Rod onto the gusset bolt.
 - ❗ **NOTE:** Some maneuvering of the hub may be required to properly line up the hole with the gusset bolt.
- Repeat this step on the other side.

Step 5 — Re-installing Gusset plate



- (IMAGE 1) When both Radius Rods are in place it should look this this.
- (IMAGE 2) Place the Gusset Plate back over the bolts. You may need to maneuver the hub and the arms to line up all 6 bolts into the gusset holes. Hand tighten the nuts as much as you can.
- **i NOTE:** Having an additional person helps make the job easier.
- Now torque the nuts with an 18mm socket to factory specs.
- Don't forget to go back and torque your trailing arm side Radius Rod bolts on both sides to factory specs as well.

⚠ Double check all bolts are tightened back to factory specs before lowering the vehicle.

By installing this product, you acknowledge that this vehicle has been modified. As a result, this vehicle may handle differently than that of factory-equipped vehicles. As with any vehicle, extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive this vehicle safely may result in serious injury or death. Do not drive this vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state. Consult your owner's manual, the instructions accompanying this product, and state laws before undertaking these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.