



K10-0823758-01 Defender 2023+ 2" Bracket Lift Kit



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 ZBROZ®.

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

ZBROZ® builds suspension products to meet and exceed your expectations in quality, performance and durability. All ZBROZ® 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® 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® 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® packaging. Please call (435) 753-7774 to get an RMA# for any return. Customer is responsible for shipping costs back to Zbroz Racing. Returns without RMA# will be refused. Contact ZBROZ® directly about any potentially defective parts prior to removal from vehicle.

ZBROZ® is NOT responsible for any subsequent damages to any related vehicle parts due to misuse, abuse, improper installation, or lack of maintenance. Furthermore, ZBROZ® 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. ZBROZ® IS NOT RESPONSIBLE FOR ANY DAMAGE OR FAILURE RESULTING FROM IMPROPER INSTALLATION.



TOOLS:

- 17mm End Wrench (1)
- 17mm Socket (1)
- 15mm End Wrench (1)
- 15mm Socket (1)
- Vehicle Lift or Jack (1)
- Ratchet (1)
- 13/32 Drill bit (1)



PARTS:

- Front right bracket lift assembly. (1)
- Front left bracket lift assembly. (1)
- Rear right bracket lift assembly. (1)
- Rear left bracket lift assembly. (1)
- Long bracket nuts and bolts. (8)
- Short bracket nuts and bolts. (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 ZBROZ® 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.

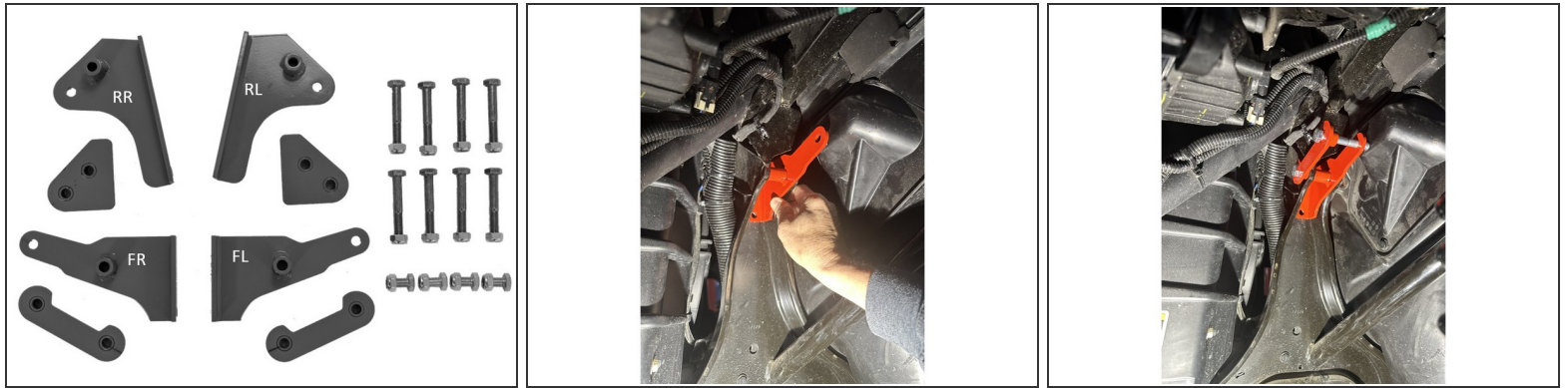
Step 2 — Installation Warning



- 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



- Before you begin make sure you are parked on a flat surface and using a floor jack, raise the front of the vehicle off the ground and remove the front wheels and tires.
- Begin by removing the upper shock mount bolt allowing the shock to swing out of the way.
- **NOTE:** It is not necessary to remove the shock completely but doing so will allow more room to work.
- **IMAGE 2** Locate the larger left side front bracket and slide it into place insuring that the hole is towards the bottom. **See Image 2 for Proper Placement.**
- **IMAGE 3** Next locate the smaller left side bracket and use one of the provided long bolts to hold it in place. The small bracket mounts on the outside of the stock shock mount with the flat side down as shown in the image.

Step 4



- **IMAGE 1** Using your 13/32 drill bit, drill a new mounting hole through frame located at the bottom of the bracket shown in image 1
- After you have drilled the new mounting hole, place one of the provided short bolts in the hole to hold it in place. Torque both of the new mounting bolts provided to 35 ft lbs.
- **IMAGE 2** Once you have the bracket in place, replace the upper shock mount into the new mounting location and torque to factory specifications using the new shock bolt provided.
- Repeat the above steps on the opposite side.

Step 5



- With the front brackets installed, replace the front wheels and tires and move the jack to the rear of the vehicle and remove the rear wheels and tires.
 - First remove the upper shock mount bolt and allow the shock to swing out of the way. Again it is not necessary to remove the shock completely.
 - **IMAGE 1** With the shock out of the way locate the rear right brackets and slide them into place as shown in the image and secure using the bolts provided. Place the longer bolt through the stock shock mount and the short bolt will lower hole in the large bracket. Torque to 35 ft lbs.
- i** **NOTE:** The rear brackets use a pre existing hole so there is no need to drill a new one.
- With the bracket in place go ahead and place the shock into the new mounting location and secure using the new bolt provided and torque to factory specifications.
 - repeat the above steps on the opposite side and replace wheels and tires and lower the vehicle.

Step 6 — Vehicle Handling Warning



- Increasing the height of your vehicle raises the center of gravity and can affect stability and control. Use caution on turns and when making steering corrections.
- Vehicles with larger tires and wheels will handle differently than stock vehicles. Take time to familiarize yourself with the handling of your vehicle.

Step 7 — Wheel Alignment, Headlight, and Safety/Security Systems Adjustment



- It is necessary to have a proper and professional wheel alignment performed by a certified alignment technician. Align the vehicle to factory specifications. It is recommended that your vehicle alignment be checked after any off-road driving.
- In addition to your vehicle alignment, for your safety and others, it is necessary to check and adjust your vehicle headlamps for proper aim and alignment.
- If the vehicle is equipped with active or passive safety/collision monitoring and/or avoidance systems including, but not limited to, camera- or radar-based systems, check and adjust your vehicle's systems for proper aim and function.

By installing this product, you acknowledge that the suspension of 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.