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1. **Introduction:**

A. Proud Owner:

. You are now the proud owner of a Bro-Tek Ripper Tooth. This Ripper Tooth is made for your Kubota backhoe. It will outlast your original Kubota tractor & be ready for your next one. Please read these instructions, before installing the Ripper Tooth. The Ripper Tooth has been designed for easy installation & pre-painted. Ripper Tooth is a bolt on unit. Unit will be shipped complete in a box, all hardware included.

It's design to be very easy to install & assemble.

Ripper Tooth is a great item to have!

B. Feedback:

. We would love any feedback that you could give us (Positive/Negative), to improve our product line.

Please email us your comments/pictures too:

bro-tek@hotmail.com or you can reach me at www.bro-tek.com

2. **Safety Precautions:**  **Important Safety**

A. Park on a firm level area.

B. Stop engine, set brake, remove key and wait for all moving parts to stop before starting installation.

C. Block up or rest the backhoe before working beneath unit.

D. Read and understand the original Kubota backhoe Operator's Manual. Read all precautions found in the tractor and loader manuals.

E. Never use the Ripper Tooth without having the front-end loader & Stabilizer pads firmly on the ground.

F. Keep all persons, at least 20 feet away from the backhoe/Ripper Tooth at all times. When a heavy load is being moved with the Ripper Tooth, this can have serious injury if all precautions are not taken. Make sure to mark a safety perimeter around the work site.

G. Take special precautions for operator & bystanders on hillside. The material can tumble a very long distance; use barriers to secure the material to a tight area.

H. Never go underneath or nearby the Ripper Tooth, even if the tractor is stopped. The boom should always be lowered to the ground, before the operator steps out.



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- I. Never assume that a load is secure in the Ripper Tooth. Always keep the load to the lowest/closest possible to the ground/tractor. This will help to reduce a tip over.

3. Tools/torque/Parts required:

- A. Wrenches or socket (1/2")

4. Assembly Instructions:

- A. Once you have followed the safety precautions & have removed the Ripper Tooth from its packaging, please take notes of all the parts & follow the assembly instruction.

- B. Free up work place of all disturbance & clutter. Take your time installing it (This can be easily be done by one person in 10 minutes, but for the first time around please take your time).

- C. Set the bucket almost to the ground (1 inch above ground. To do so, you will have to start tractor.



Important Safety Stop engine, set brake, remove key and wait for all moving parts to stop before starting installation. Make sure that the keys of the tractor are removed & the control/hydraulic levers will not be touch!





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- D. Please review the photos & get ready to remove the two pins.



BX24 has a new setup for the pins, the BX22 & BX23 pins have one hole drill at one end, which a bolt holds the pin in place.

- E. Using the wrenches, remove the bolts that locks down the pins.



- F. The pins on the will have to be push out, using a long screwdriver works great. You can pull & twist the pin out.

- G. Once you remove the last of the two pins, the bucket will be removed from the backhoe. Keep the pins, close by, you will need these for the installation of the Ripper Tooth.



- H. Install the two pins & secure with the locking bolts.



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 Place the locking bolts on the inside & the Nuts should Be facing on the outside, as the below picture.



Note: Now the time to add some grease

- J. Check everything out for clearances & binding. Recheck nuts & bolts every use & months.
- K.  **Important Safety:** If there is a point of contact (hydraulic fitting/lines) or sign of metal fatigue, do not continue to use the Ripper Tooth, until the problem is fixed.

5. **Congratulations:**

You have successfully installed your Bro-Tek Ripper Tooth. I hope this was a pleasant experience & that you would recommend this product to all of your tractor friends. The Ripper Tooth can remain on the tractor, for all the preventative maintenances & the everyday use.

6. **Thank you:**

We would like to thank you for supporting us & hope to do future business with you with, our new upcoming line of products.