



[www.bro-tek.com](http://www.bro-tek.com)

For the 16mm wheel stud size

[bro-tek@hotmail.com](mailto:bro-tek@hotmail.com)

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1. **Introduction:**

**A. Proud Owner:**

. You are now the proud owner of a Bro-Tek Wheel Spacers. These Wheel Spacers are made for your tractor rear axle. With proper care, the spacers should outlast your original tractor & be ready for your next one. Please read these instructions, before installing the Wheel Spacers. The Wheel Spacers have been designed for easy installation on your Kubota tractor. Wheel Spacers are a bolt-on item. Unit will be shipped complete in a box, all hardware included. Designed to be very easy to install.

**⚠ Important** If you have a Mid Mount Mower , the wheel will be push out & may contact.

**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](mailto:bro-tek@hotmail.com) or you can reach us at [www.bro-tek.com](http://www.bro-tek.com)



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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 servicing, adjusting or unplugging.
  - C. Block up before working beneath unit.
3. **Tools/torque/Parts required:**
- A. Socket 21mm, 24mm, 3/4", 7/8" & 15/16"
  - B. Torque wrench (150 Lb-Ft).
  - C. Floor Jack & Jack stands (proper rating).
  - D. Pry-bar or round pipe (see pic below).
  - E. Loctite, High Strength Thread locker
  - F. Chainsaw file
4. **Assembly Instructions:**
- A. Once you have followed the safety precautions & have removed the Wheel Spacers from its packaging, please take notes of all the parts (see main photo on first page) & follow the assembly instruction.
  - B. Free up work place of all disturbances & clutter. Take your time installing it (This can be easily be done by one person in 20 to 25 minutes).
  - C. Before lifting, with the jack, the tractor, break loose the nuts on the rear wheels, this will help out.
  - D. If you have the backhoe on, you can save yourself some time & use the stabilizer of the backhoe to lift the rear. For those without a backhoe, jack up & place the jack stand on the tractor.
  -  Jack stands must be stable/secure place on the tractor/ground.
  - E. It's now the time to remove the tire.
-  **Caution** if you have loaded tires and haven't taken them off before then beware they can be **VERY heavy**. Make sure that the jack stands are stable before removing the wheel.



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F. The factory nuts & bolts are the same tread type (16mm) as the one supplied with the spacers, but do not have the taper/cone seat. ⚠ do not mix these up. You should now have 2 factory nuts & lockwasher from the stud & 4 factory bolts/lockwasher.

Only the factory 2 nuts & all the washers & lockwasher will be reuse  
In Step "H" to install the rim

⚠ Do not use the factory bolts to install the spacer to the axle.

Now is a good time to test fit the spacer to the Axle & then to the wheel rim. The spacer should make full contact to the axle, the rim hole may have to be file a very small amount to clear the spacer lug. It's much easier to sort any problems without having anything bolted down. If everything looks good add some

Loctite to 2 studs & 4 lug new supplied bolts (cone seat) ⚠



Save these ⚠ Instructions/Safety Manual ⚠ owner/operator/installer



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G. To install the spacers, you will need a long bar to hold the axle from turning (see photo below), add High Strength Thread locker to the bolts. Get your 15/16" socket & make sure to use the supplied 4 lug bolt & 2 nuts that came with the spacer. ⚠ (cone seat) the nut have a tapered end, make sure only these nuts tapered nuts are used to install the spacers to the axle.

⚠ Taper ends must make contact with the spacers.



⚠ Please take the time to make the install in a 3 steps. First hand tighten the bolts; Second torque the bolts to half the torque in a crisscross pattern & Finally torque the bolt to their final value of 140 ft. lbs for the rears wheels.



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H. Get your Tire/Rim & add Loctite to the 6 studs on the spacer. You will need to use the supplied nuts & reuse the 2 factory nuts & all the Washer/lockwasher to install the rim/wheel. Torque the nuts to 140 ft. lbs for the rear wheels in the same 3 steps as above.

 This time the flat end of the nut must make contact with the lockwasher/washer/rim.

I. Check clearances around the Wheel, no point of contact should be noticed.

J. Check everything out for clearances & binding. Recheck nuts & bolts after the first 20 minutes travel & at your regular oil change.

5. **Congratulations:**

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

These look to be a far superior product for the same money. One piece milled spacer with hub flange to carry the weight. If I were buying, I'd go for these ones

 Originally Posted by [rbarger0n](#) 



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Hello Richard,

Just wanted to let you know that the wheel spacers for the Kubota L3200 were installed and everything looks and fits perfectly. I appreciate your efforts and cooperation in getting things done right. It was a pleasure doing business with you. You will be highly recommended for the quality of the products you provide. Attached are a few photos of the installed product. Many thanks, Gord



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Save these  Instructions/Safety Manual  owner/operator/installer