



www.bro-tek.com

Bro-Tek
-Making tractors parts our business



bro-tek@hotmail.com

Kubota series; **BX22, BX23, BX24, BX25, BX1500, BX1800/30/50/60, BX2200/30, BX2350/60/70 & BX2660/70**



1. Introduction:

The **main reason** people add wheel spacer is **Safety Reason** : Adding spacers to the rear axle, extending the wheel base makes the tractor more stable (hence **changing the center of gravity** of the Tractor). Other benefit are clearance for wheel

The advantage of the Bro-Tek wheel spacers over our competitors;

We have a proven design since 2005 with a high quality product. 6061-T6 Billet Aluminum with grade 10.9 stud/nuts.

One piece milled spacer with press in Stud (same setup as the 4x4 Trucks) but with the added the **inner or outer** hub flange to carry the weight of the tractor; most other supplier has **no inner or outer flange &** relies on the bolts that are often lower grade than 10.9

Everything is included in the kit, Wheel studs/nuts.

The stud remains on the spacer, making changing wheel very easy.

A. Proud Owner:

. You are now the proud owner of a Bro-Tek Wheel Spacers. These Wheel Spacers (BX-WS-R) are made for your Kubota tractor rear axle. It will outlast your original Kubota 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. Wheel Spacers are a bolt-on item. Unit will be shipped complete in a box, all hardware included.

Save these  Instructions/Safety Manual  owner/operator/installer



www.bro-tek.com



Model# BX-WS-R



bro-tek@hotmail.com

Kubota series; **BX22, BX23, BX24, BX25, BX1500, BX1800/30/50/60, BX2200/30, BX2350/60/70 & BX2660/70**



Important If you have a Mid Mount Mower

Please note that some rear spacers may interfere with the mid mount mower (MMM). Here are some guidelines:

- • The 1.25 in spacers will work with all known 54" and 60" mowers
 - » BX Models with RCK54-23BX (54" Deck) must use 1.25" spacers
- • 1.5 inch spacers will work with most 54" and all 60" mowers
 - » BX Models with RCK54P-23BX (54" Deck) can use 1.5" spacers
- • 2 inch spacers only work with the 60" deck
- • 3 inch spacers will not work with any MMM, except for some of the 48" deck..
3 inch spacers are the most stable option giving the widest wheelbase, but will not work with mower decks. Prices are for a set of two spacers which will fit either the front or rear as labeled. All required hardware is included.

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 us 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 servicing, adjusting or unplugging.
- C. Block up before working beneath unit.



www.bro-tek.com



Model# BX-WS-R



bro-tek@hotmail.com

Kubota series; **BX22,BX23,BX24,BX25,BX1500,BX1800/30/50/60,BX2200/30,BX2350/60/70 & BX2660/70**

3. Tools/torque/Parts required:

- A. Wrenches or socket (3/4")
- B. Torque wrench (96Lb-Ft =130N/M) .
- C. Floor Jack & Jack stands.
- D. Pry-bar or round pipe (see pic below) .
- E. Loctite, High Strength Thread locker



None < Spacer > Withthe tractor is way more stable...Finish pic with spacers on Wheels

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 & 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 15 to 35 minutes) .
- C. Before lifting, with the jack, the tractor, break loose the nuts on the rear wheels, this will help out.



www.bro-tek.com




Model# BX-WS-R




bro-tek@hotmail.com

Kubota series; **BX22,BX23,BX24,BX25,BX1500,BX1800/30/50/60,BX2200/30,BX2350/60/70 & BX2660/70**

D. If you have the backhoe on, save yourself some time & use the stabilizer of the backhoe to lift the rear. For those without a backhoe it time for the floor jack.(Ref to owners manual)

 Jack stands must be stable/secure place on the tractor & ground.

E.It's 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.



F.You will need a regular socket to mount the wheel spacers on the axle, the heavy wall driver sockets won't fit.



Save these  Instructions/Safety Manual  owner/operator/installer



www.bro-tek.com

Bro-Tek
-Making tractors parts our business



bro-tek@hotmail.com

Kubota series; **BX22,BX23,BX24,BX25,BX1500,BX1800/30/50/60,BX2200/30,BX2350/60/70 & BX2660/70**

G. To install the spacers, you will need a long bar to hold the axle from turning (see photo), add High Strength Thread locker to the bolts Torque the bolts to 80-96 ft. lbs for the rears wheels.



H. Reinstall the wheel & Torque the nuts to 80-96 ft. lbs for the rear wheels.

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 use & every 3 months afterward.

Save these  Instructions/Safety Manual  owner/operator/installer



www.bro-tek.com

Bro-Tek
-Making tractors parts our business



bro-tek@hotmail.com

Kubota series; **BX22,BX23,BX24,BX25,BX1500,BX1800/30/50/60,BX2200/30,BX2350/60/70 & BX2660/70**

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.



Save these  Instructions/Safety Manual  owner/operator/installer