Bro-Tek -Making tractors parts our business

www.bro-tek.com **MODEL# BX-WS-F** bro-tek@hotmail.com

Kubota; BX22, BX23/S, BX24, BX25/D, BX1500, BX18/00/30/50/60, BX22/00/30, BX23/50/60/70/80 & BX26/60/70/80

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 front axle. It will 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. Wheel Spacers are a bolt-on item. Unit will be shipped complete in a box, all hardware 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.

Save these Instructions/Safety Manual owner/operator/installer

3. **Tools/torque/Parts required:**
   A. **Wrenches** or **socket** (3/4", 13/16" & 7/8")
   B. **Torque wrench** (capacity rating range 0-120 Lb-Ft =130N/M).
   C. **Floor Jack & Jack stands.**
   D. Pry-bar or round pipe (see pic below).
   E. Loctite, Medium Strength Thread locker (Blue)

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.

D. Secure down & lock the front-end loader, it time for the floor jack. (Ref to owner's 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.

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

G. To install the spacers, you will need a long bar to hold the axle from turning, add Blue Thread locker to the bolts.

⚠**Please take the time to make the install in 3 steps.**
First hand tightens the Lug bolts (OEM from the tractor); Second torque the bolts to half the torque in a crisscross pattern & finally torque the bolt to their final value of 110 ft. lbs.

H. Reinstall the wheel & torque the nuts (new gold we supplied) Torque to 110 ft. lbs for in the same 3 steps as above.

We have found that having a metal shovel and rolling the tire onto it, makes the job of lining up everything must easier. One can slide the tire around, pry & lever the tire into place.

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 of travel & at your regular oil change.**

Our recommendations would be to make witness marks after installed, using a paint pen on the back side of the axle lug bolts & also on the studs /lug nut of the wheel side. Make for an easy inspection of the tractor.

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.