

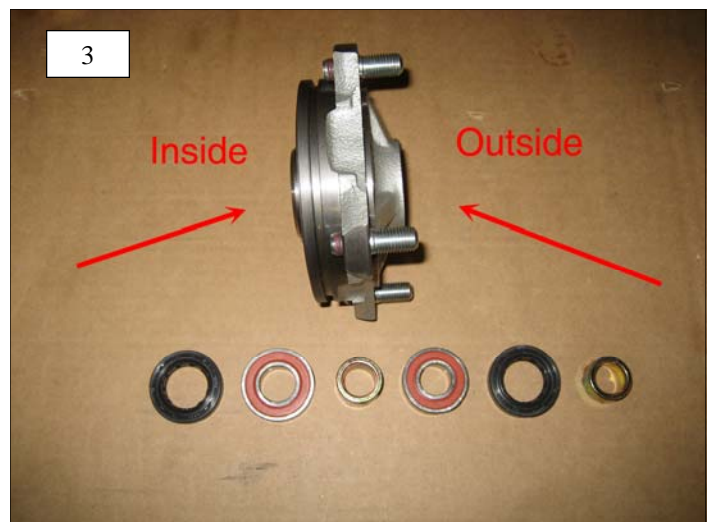
50 Mini & 70 Mini ATV Big Wheel Kit

First, check the contents of the big wheel kit:

- (2) front tires
- (2) rear tires
- (2) rear rims
- (2) front rims
- (2) rear shaft connectors
- (2) front brake hubs
- (2) front backing plates (1 LH & (1) RH
- (4) carter keys
- (2) small spacers
- (2) medium spacers
- (4) seals
- (2) small bearings
- (2) medium bearings
- (16) locking flange nuts
- (4) valve stems

The tires will need to be mounted to the rims. Any motorcycle shop will be able to do this, or tire irons can be used to complete the job. Make sure to install new valve stems when mounting the tires and pump the tire up to the correct pressure as stated in the owners manual (4 PSI max front and rear tires).

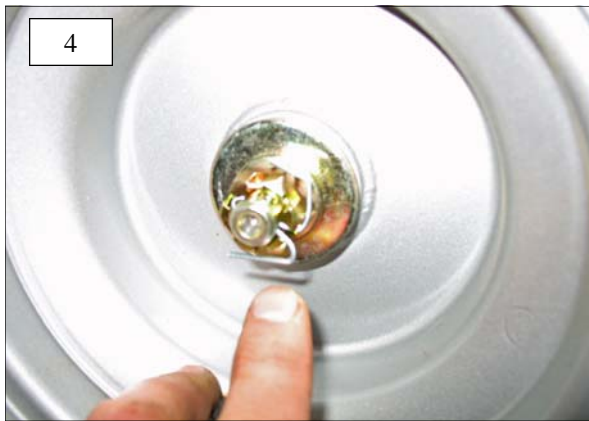
The front brake hubs will need to have the bearings and seals installed prior to installing on the bike. The sequence of seals, bearings, and spacers to be installed on the hubs is shown in pictures 2 & 3. Use a press or vise to install and seat the bearings properly into the hubs.



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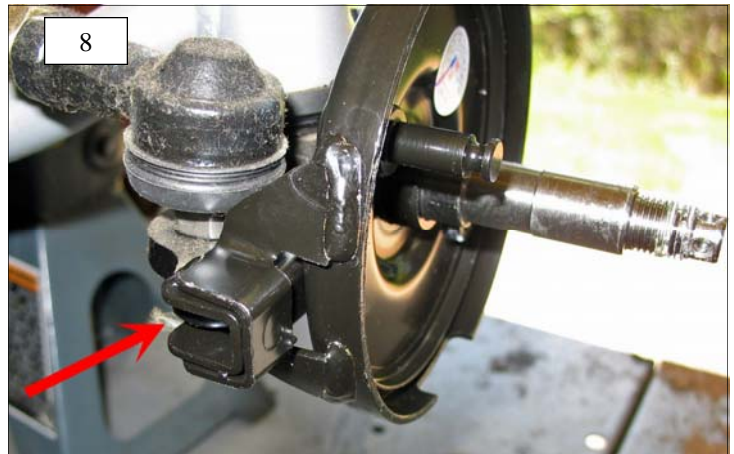
Remove the rubber caps and the carter keys, then remove the wheel nut and washer. The nut can be removed with a impact wrench or a ratchet and socket. Next, remove the wheel and rim, clean the front spindle surface, remove any dirt, and check the threads. Refer to pictures 4, 5, & 6



Now, install the backing plate to the front spindle. The backing plates are labeled with a R for Right hand side, and L for Left hand side. Refer to picture 7



Make sure when installing the front backing plates that the notch on the plate is installed and locked into the indicator on the tie rod housing. Refer to picture 8



Next, install the front brake drums, making sure to add the small washer on the outside of the drum assembly. Refer to pictures 9 & 10



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Slide the front rim and tire assembly on the spindle. Align the 4 studs from the front hub to the 4 holes in the front rim. Install the 4 locking flange nuts and tighten to 25f-lb. Install the spindle washer and nut and tighten to 44f-lb. Make sure to install a new carter key supplied with the kit and the rubber cap. See figure 11 & 12



Raise the rear end of the ATV with a jack and support with jack stands. Remove the rubber cap and carter key. Remove the rear axle nut and (2) washers. Remove and clean any dirt from the rear axle threads and splines. Refer to figure 13 & 14



Install the rear shaft connectors to the rear axle as shown in figure 14. Slide the rear rim and tire assembly to the rear axle. Align the 4 studs from the rear shaft connector to the 4 holes in the rear rim. Install the 4 locking flange nuts and tighten to 25flb, install the (2) spindle washers the large one first and the nut and tighten to 44flb. Make sure to install a new carter key that is supplied with the kit and the rubber cap.

