



## Polaris Wheel Bearing Tool

### Removal 40mm bearing:

Remove the wheel and brake caliper. Remove the axle nut and take off the wheel hub and remove axle. You can remove the hub from the machine and use the puller on the bench or use the puller with the hub on the machine. **Remove the snap ring** that holds the bearing in place. **Lubricate the bolt threads and grade 8 washers with the supplied arp torque lubricant**, this helps to tighten easier and also prevent wear on the bolt and washers. Use the **number 2 washer** on the **inside** of the hub against the bearing to pull the wheel bearing out. Use the **number 1 cup** on the **outside** of the hub and install the **bolt from the washer side** and the **nut** on the outside where the **cup** is. Tighten bolt until bearing is out.

### Removal 44mm bearing:

Remove the wheel and brake caliper. Remove the axle nut and take off the wheel hub and remove axle. You can remove the hub from the machine and use the puller on the bench or use the puller with the hub on the machine. **Remove the snap ring** that holds the bearing in place. **Lubricate the bolt threads and grade 8 washers with the supplied arp torque lubricant**, this helps to tighten easier and also prevent wear on the bolt and washers. Use the **number 3 washer** on the **inside** of the hub against the bearing to pull the wheel bearing out. Use the **number 1 cup** on the **outside** of the hub and install the **bolt from the washer side** and the **nut** on the outside where the **cup** is. Tighten bolt until bearing is out.

### Installation 40mm bearing:

Clean the inside of the hub with scotch brite pad and wipe it clean. Use Wd-40 on the inside of the hub and on the outside of the bearing race. **If the bolt threads are dirty, clean the bolt and apply new lubricant to the bolt.** Use the **number 4 washer** against the new wheel bearing to pull the bearing back into the hub. Use the **back of the number 1 cup** against the hub and install the **bolt with washer inside the number 1 cup**. Install the **nut** on the **washer side**. **Snug** up the bolt and **make sure the wheel bearing goes in square**. If it is crooked then tap on the end of the washer by the nut to straighten the bearing into the hub. Once the bearing is straight, tighten bolt until the bearing is pulled all the way into the hub. Remove the tool and **install the snap ring**. Install the axle and the wheel hub along with the brake caliper. Install wheel to finish assembling the machine.

## **Installation 44mm bearing:**

Clean the inside of the hub with scotch brite pad and wipe it clean. Use Wd-40 on the inside of the hub and on the outside of the bearing race. **If the bolt threads are dirty, clean the bolt and apply new lubricant to the bolt.** Use the **number 5 washer** against the new wheel bearing to pull the bearing back into the hub. Use the **back of the number 1 cup** against the hub and install the **bolt with washer inside the number 1 cup**. Install the **nut** on the **washer side**. **Snug** up the bolt and **make sure the wheel bearing goes in square**. If it is crooked then tap on the end of the washer by the nut to straighten the bearing into the hub. Once the bearing is straight, tighten bolt until the bearing is pulled all the way into the hub. Remove the tool and **install the snap ring**. Install the axle and the wheel hub along with the brake caliper. Install wheel to finish assembling the machine.

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