

Wheel BRACK-its™ for **LEVEL-it®** workbench are sold WITHOUT wheels.

Yes, that's right.

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Wheels are heavy and expensive to ship. The wheels you need are standard 8" X 1.75" lawn mower replacement wheels and are available at most home improvement, hardware, garden or farm supply and building supply stores. If they sell lawnmowers, then they will have the wheels you need for the **LEVEL-it®** Wheel BRACK-its™.

The Wheel BRACK-its™ for **LEVEL-it®** come with all the hardware you need to attach the wheels to the Wheel BRACK-its™ and to attach the Wheel BRACK-its™ to the **LEVEL-it®** workbench.

There are many different brands of this type of wheel. The size is the important thing. An example of the wheel you need is shown here:

<http://www.arnoldparts.com/equipment/arnoldparts/490-322-0003>

It is an 8" x 1.75" plastic wheel, 1 $\frac{3}{8}$ " hub length, $\frac{1}{2}$ " diameter offset hub with nylon bearing for $\frac{1}{2}$ " axle.

An 8" x 1.75" steel wheel, 1 $\frac{3}{8}$ " hub length, $\frac{1}{2}$ " diameter offset hub with nylon bearing for $\frac{1}{2}$ " axle will work just as well.

Below are 3 examples of wheels that have been used at the **LEVEL-it®** factory on our own **LEVEL-it®**s. They were all purchased locally at home improvement stores from large national chains.



Tools required for assembly: 2 wrenches - either $\frac{3}{4}$ " combination or 8" adjustable wrench or 1 of each. Pliers are NOT recommended for assembly as they can damage the nuts.

Once you have your Wheel BRACK-its™, your wheels and your tools, you are ready to assemble the wheels to the wheel BRACK-its™ and the wheel BRACK-its™ to your **LEVEL-it®**. The 8" X 1.75" wheels that you are using have an "offset hub." That means that one side of the hub is recessed a little and the other side of the hub sticks out a little. This is important in step 2, below.



1- Each wheel BRACK-it™ has two axle/bolts sticking out from it. The axle/bolt with the larger, $\frac{1}{2}$ " diameter is the axle/bolt that the wheel goes on. Place one of the $\frac{1}{2}$ " washers over the axle/bolt.



2- Insert the axle/bolt through the axle hole in a wheel hub so that the part of the hub that sticks out a little is touching the washer installed in step 1. Place a second $\frac{1}{2}$ " washer over the axle/bolt now that the wheel is on.



3- Thread a ½” jam nut onto the axle/bolt and tighten it very gently to the point that it contacts the washer. The wheel should turn easily and not move in and out very much. Thread a second ½” jam nut onto the axle/bolt and tighten it to the point that it contacts the first ½” jam nut.



4- Using two wrenches against one another tighten the two ½” jam nuts together so that neither will turn on the axle/bolt and the wheel turns easily on the axle/bolt and does not move in and out very much. Some very slight “play” is OK.



Once the wheel is correctly attached on the wheel BRACK-it™ you are ready to mount the wheel BRACK-it™ to your **LEVEL-it®**.

5- Insert the smaller diameter $\frac{5}{16}$ " bolt through the slot at the bottom of one of the **LEVEL-it®** leg extensions. Make sure the bottom of the leg extension contacts the bottom piece on the wheel BRACK-it™ as shown.



6- Insert a fender washer onto the $\frac{5}{16}$ " bolt as shown.



7- Thread a wood wingnut onto the bolt with the metal nut in the wingnut on the outside. Tighten the wingnut until the wheel BRACK-it™ is secure on the leg extension.



8- Repeat for the other wheel BRACK-it™.



Enjoy your mobile **LEVEL-it**®. The legs still adjust even with the wheels.

www.level-it.com

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