

REPAIRING A BROKEN MALLET SHAFT

I've had some success gluing a broken mallet shaft using *Gorilla Glue* and a clamp. However in most cases this does not work as it is difficult to get the mallet perfectly aligned. With his method you can replace the shaft quickly and easily. This will work for any type bell, xylophone, vibraphone or marimba mallet.

NEEDED ITEMS:

Needle Nose Vice Grips

Bobcat Mouthpiece Puller

5/16" x 36" Oak (or Hardwood) Dowel Rod

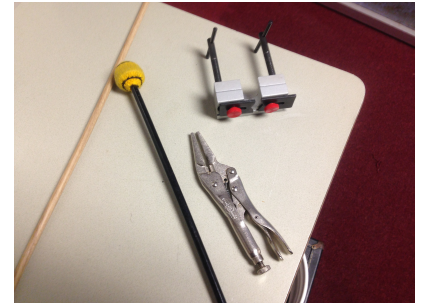
(do not use anything but hardwood or you will be replacing the dowel again!)

Hacksaw

File or Sandpaper

Glue

1. First put the head of the mallet in the mouthpiece puller's cup. Make sure the vice section of the mouthpiece puller is closed. Place the the vice grips on the shaft of the mallet tightly against the back of the vice.

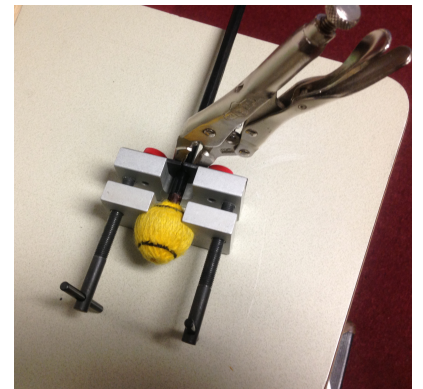


2. Alternate turning each T-handle, opening the space between the vice sides. If you notice the mallet shaft slipping in the vice grips, open the vice grips and retighten.



3. Continue twisting each T-handle until the mallet comes off. In some cases mallets are fastened with a small pin nail. The mouthpiece puller will be able to pull this out as well.

When the mallet is free, you can use a 5/16" drill bit to clean out the mallet before moving onto the next step.



4. Fit the mallet head on the new Dowel Rod

5. If fit is good, reglue with Gorilla Glue or any epoxy.

6. Use the non-broken mallet as a guide. Measure and Cut to Length. Use a file or sandpaper to smooth and round the end of the mallet.

