

Digital Knight Swinger

Bearing Replacement Instructions

1. Locate pressure adjustment knob. Look at the black pressure knob which adjusts the height of the heat press and its pressure. Notice the Silver Acorn Nut on top of the black pressure knob.
2. Remove acorn nut. Remove the silver acorn nut from the black pressure knob. This requires holding the black knob tightly -with a large pipe wrench and a rag perhaps- while loosening the silver acorn nut and setting it aside.
3. Remove black pressure knob. Unscrew the black pressure knob from the top of the white head. A threaded bolt protrudes up through the white head, with several washers and a bearing resting on the white head. Remove these and set them aside.
4. Lift top head off. This may take another person to help. Lift the ENTIRE white control head, with heater, clamp assembly, white swivel pipe – OFF the Base of the press. The entire white head and heater and clamp/handle assembly should all lift right off the base Together, as one. Set all of this aside.
5. Remove bearing/washers. Remove the washers and bearing sitting on the pressure adjustment bolt and set them aside. These are the most likely set needing replacement. Slide the new set on the bolt, making sure the bearing is sandwiched between two washers.
6. Clean/Sand/Grind base post. Clean and inspect the steel base post. Use sandpaper or a hand-grinder to smooth any burrs, gouging, or wear on the post. The post needs to be clean and smooth without anything to catch on the inside of the white swivel pipe.
7. Clean/File white swivel post. Clean out the inside pipe of the white swivel post. Using a file, make sure there are no burrs or non-smooth surfaces inside. Make sure it is smooth in the pipe, and no leftover metal bits are on the surface.
8. Install bearings / Replace white head. Slide a replacement washer-bearing-washer stack on the pressure bolt. Drop the top white head back on the post & bolt. Make sure the pressure bolt is extending up through the white head enough so that the white head is swiveling on the bearing underneath. Slide a replacement washer-washer-bearing-washer stack on the bolt and top white head.
9. Install black knob. Screw the black pressure knob back onto the pressure bolt. Make sure the black knob is slightly above the white head and not contacting the head or bearings/washers by about 1/16” or less. Just a little bit above them, not contacting them.
10. Tighten acorn nut. The silver acorn nut must be TIGHTENED and FROZEN against the black knob. The black knob and acorn nut must turn as ONE. This means the black knob must be held still, while TIGHTENING the Acorn nut against the black knob. It is helpful to use red-loctite threadlocker (any hardware store has this) to “glue” the acorn nut threads on the pressure bolt, & against the black knob, if the proper wrenches are not available to properly tighten the two together.
11. Test the pressure adjustment. Make sure the black knob raises the ENTIRE White Head up and down when turning. Make sure the pressure is adjustable by turning the black knob. **Make sure the black knob & acorn nut always turn together.** Call 800-525-6766 after following this instruction sheet thoroughly if further help is needed.