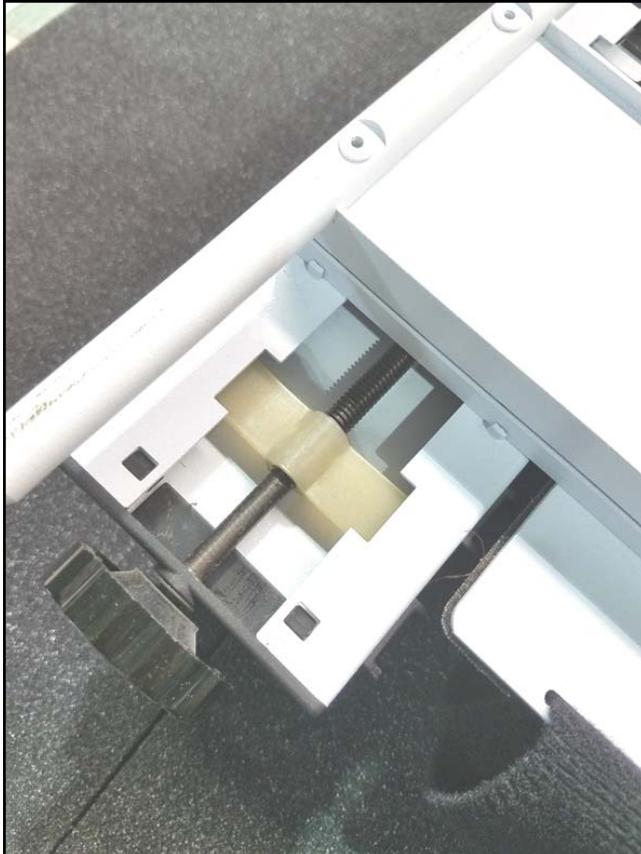


**Installing a centering (wing) nut
on the Saunders traction device.**



Flip the unit over
and locate the
centering nut to be
replaced.



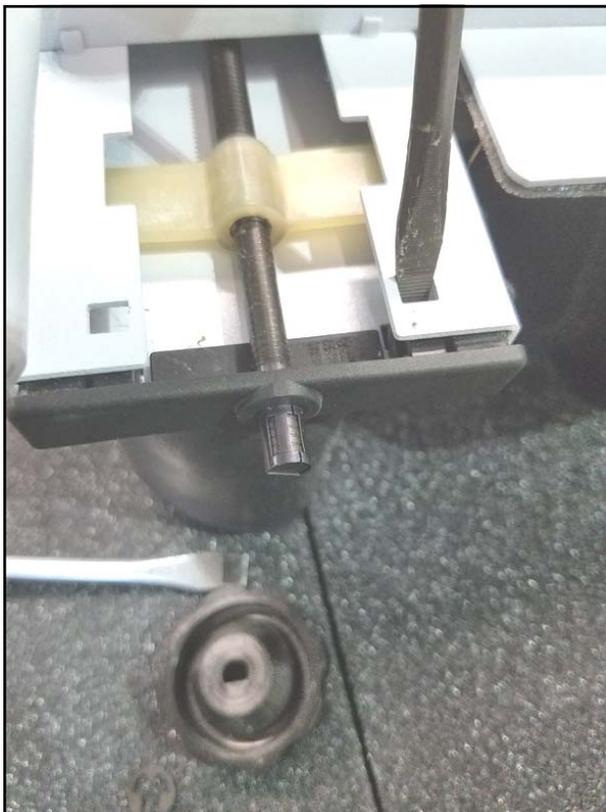
Pry off the knob with a screwdriver, be careful not to crack the knob



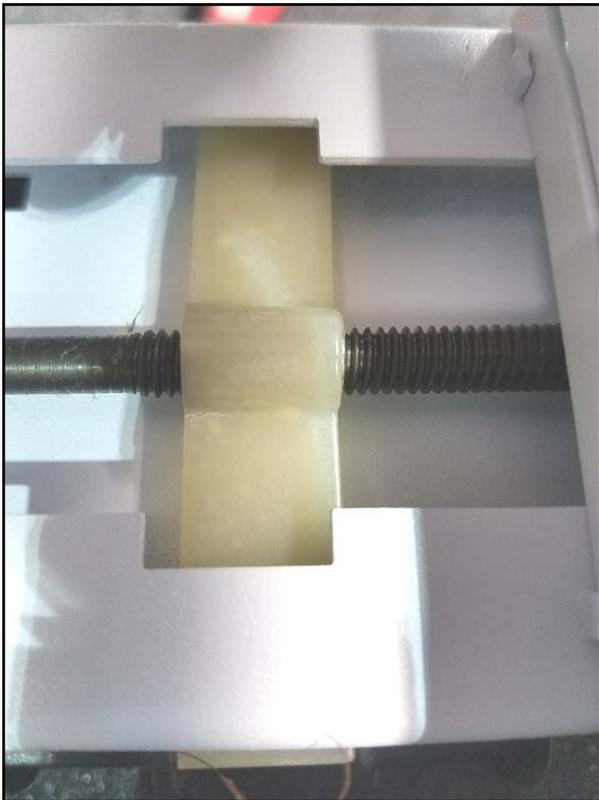
Notice the small knob compression spring, save it for later, some units have these and others do not.



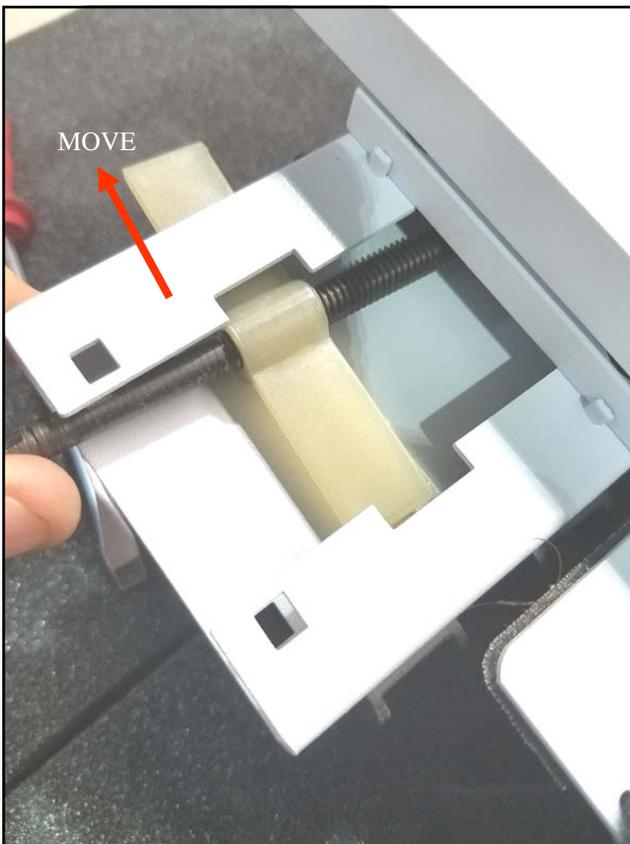
Remove the “C” clip and save for later. Some units have these and others do not.



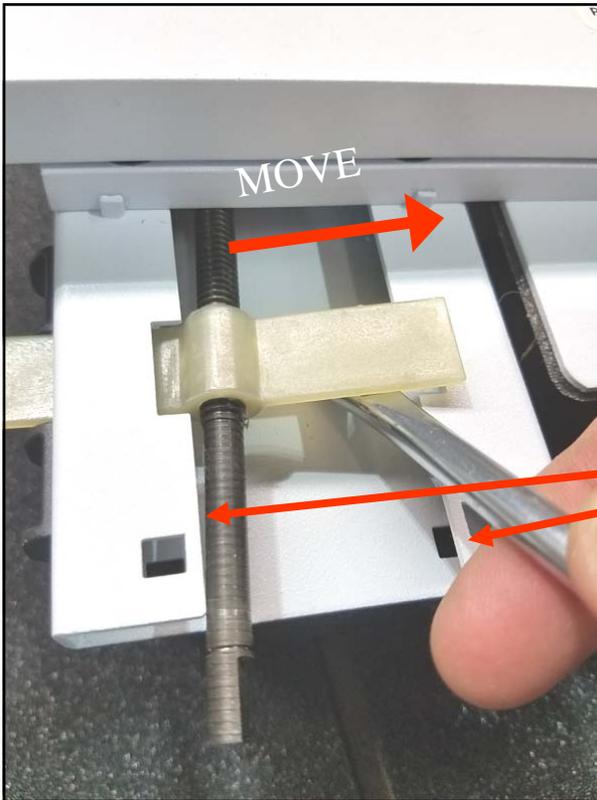
With a small screwdriver, remove the end centering cap. Pry downward on the tab and pry forward.



Spin the rod with the other knob until you center the “wing” nut in alignment with the cutout notches.



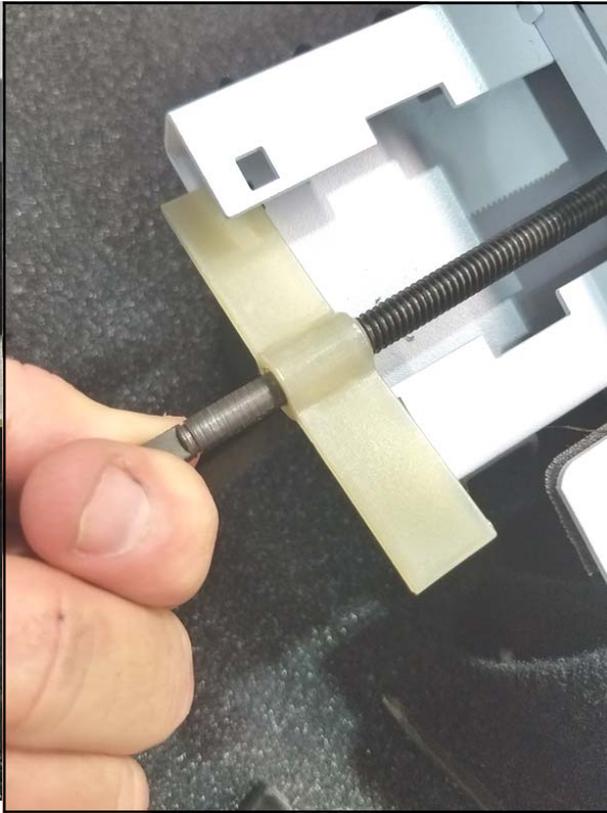
Now push the wing out of the slot in the neck cushion (if the nut is broken this operation should be easier)



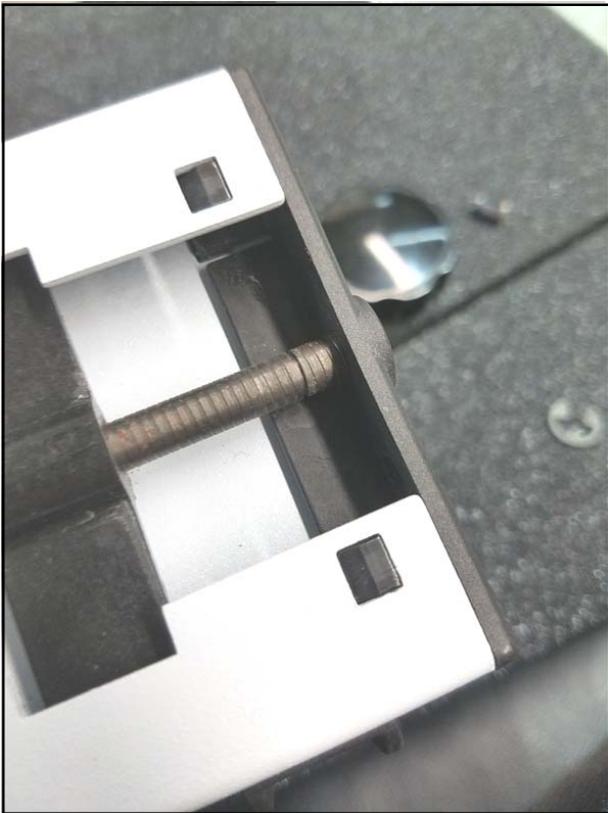
Gently pry up on the other side of the wing to remove it from the Carriage. Then slide it back until the whole nut is floating above and inside the carriage slot



Now pry the other knob off, and remove the "C" clip and knob spring for later.



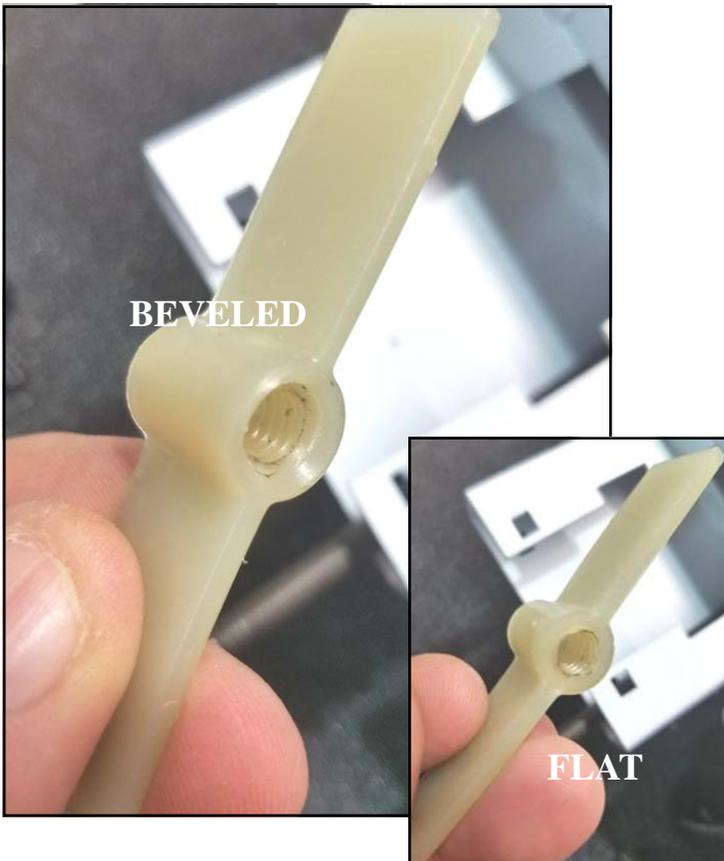
Start spinning the rod. You'll see the Wing nut start to move toward the edge, keep going until the threads end. On some units the threads are cut all the way to the end of the rod, once you reach the point where you can spin the nut freely, do so.



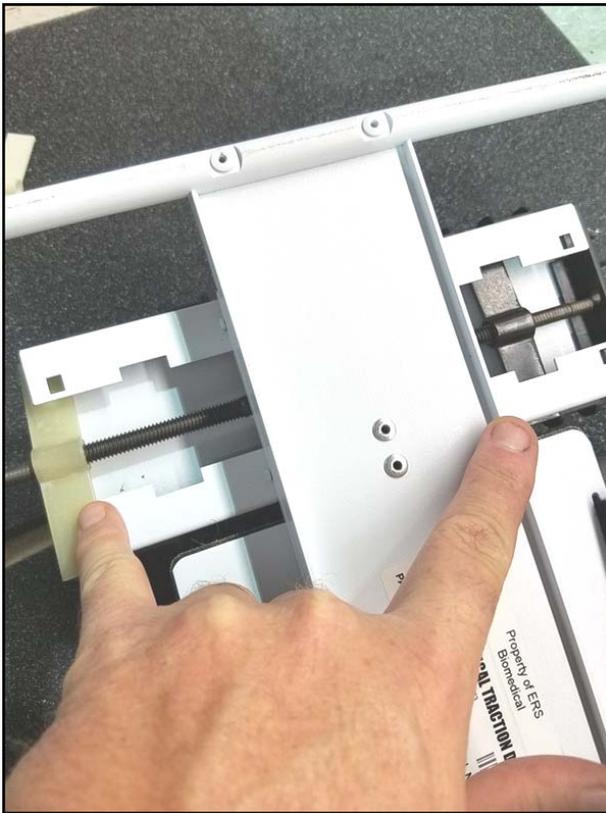
You'll see the other end of the rod start to move inward, this is OK. As you don't want to bind the other centering nut. Once the rod clears the end cap, manipulation of the centering nuts become easier. The other centering nut may fall out of its slots, this is ok and can be slid back easily.



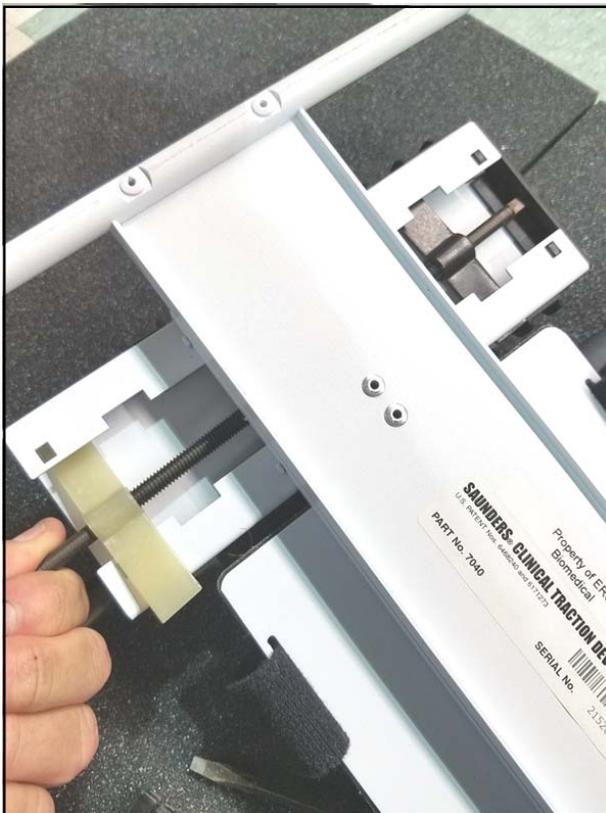
Remove the centering nut and slide on the new one.



For this demonstration, I will use the centering nut that was removed. *** Note there is a beveled insert side and a flat insert side. Make sure you install the beveled side toward the center***



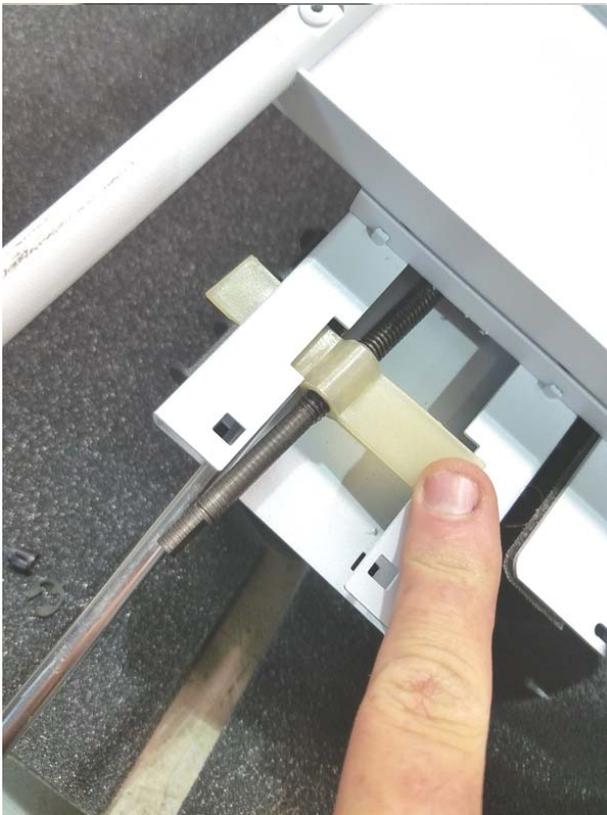
Spin on the new centering nut and make sure the threads start on both nuts and the same time.



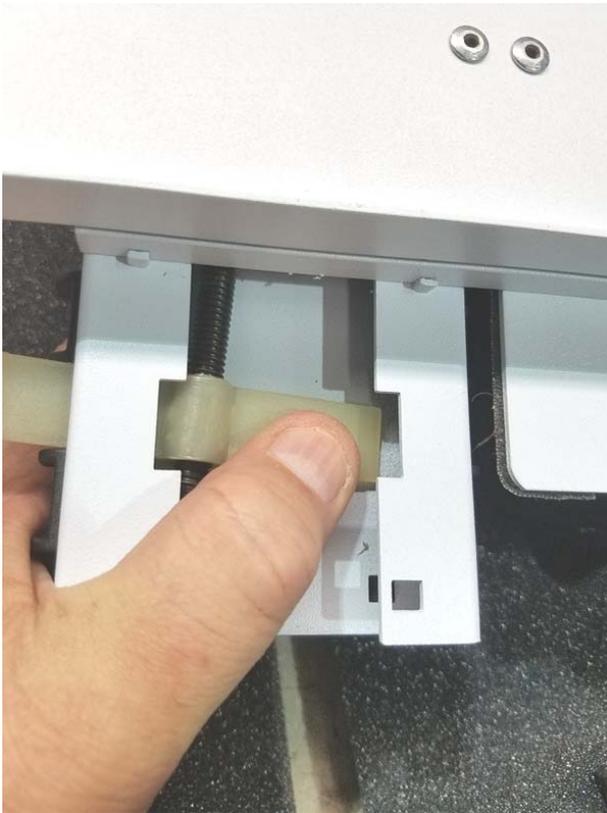
Keep turning it and watch that both are threading properly. You'll notice that the other nut jumped out of its slide. You can align this as you get the replacement nut closer to the notches.



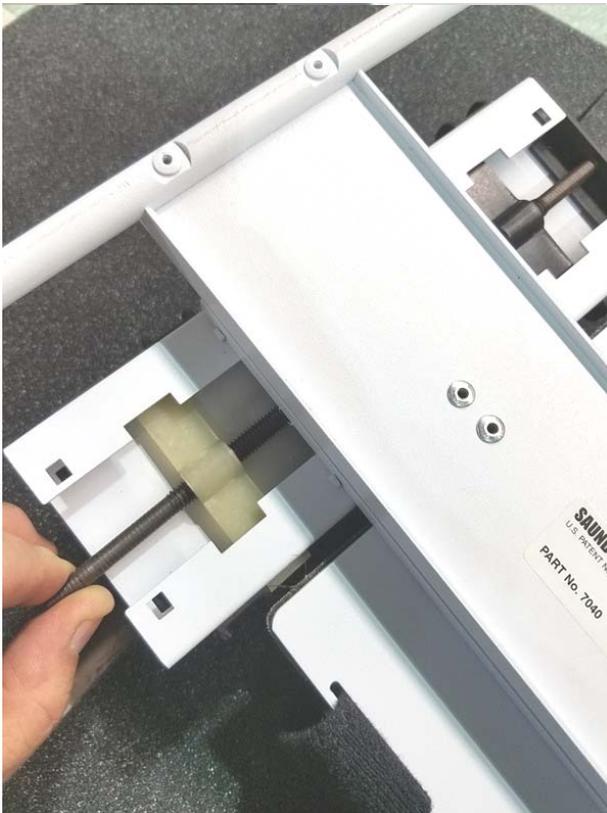
Make sure the rod aligns with the other end cap and starts to feed through.



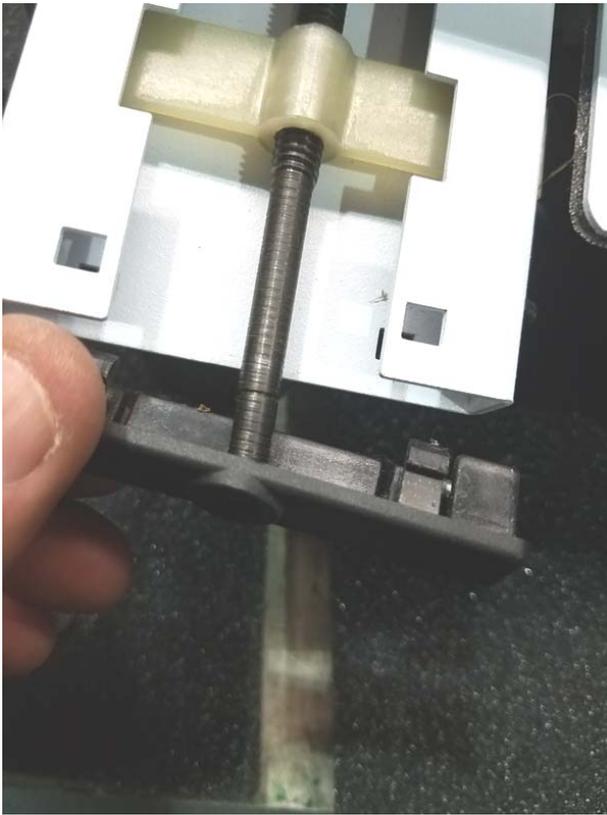
Once you get close to the notch, drop in one wing of the nut and slide it through the slot in the neck cushion. You may have to pry up a little to get it aligned.



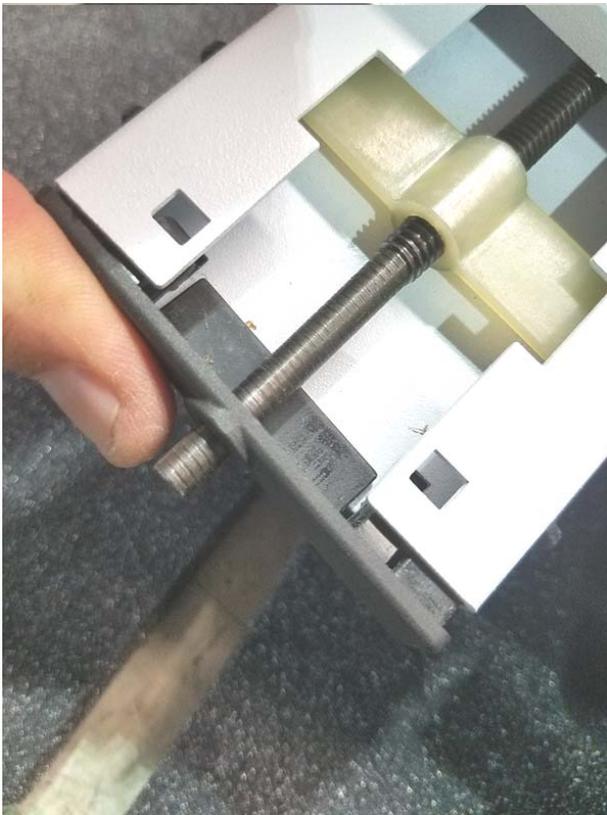
Now push down on the other wing to drop it in the notch and wiggle the rod back and forth to seat it in the slots, this may take a few tries.

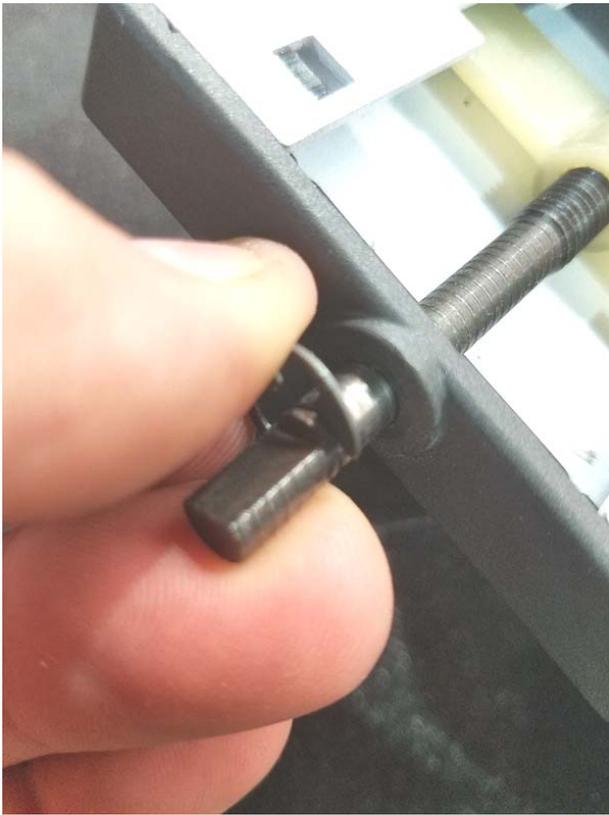


Align it in the slots and center the rod. Both centering nuts should be in their slots. Keep trying, they jump out a lot..



Slide the end centering cap back on. Push in on the little tabs and snap in place.

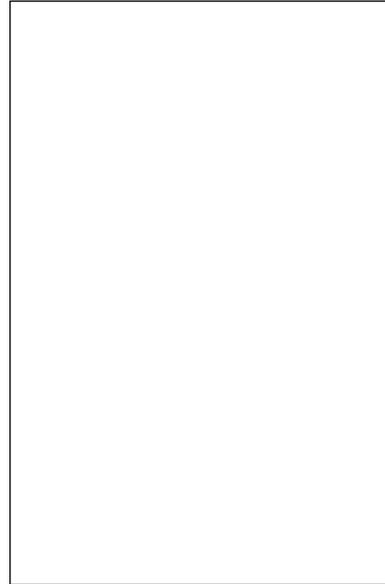




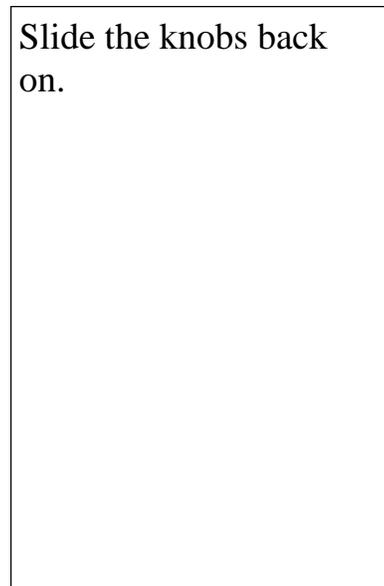
Put the “C” clips back on both sides of the rod, you may have to push the rod back and forth to expose the clip slots.

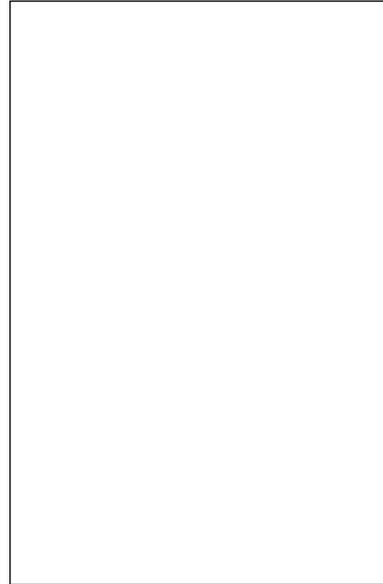


Slide the knob spring on the shaft or you can insert them in the knob.



Slide the knobs back on.





The job is complete, test for alignment and smooth operation.