

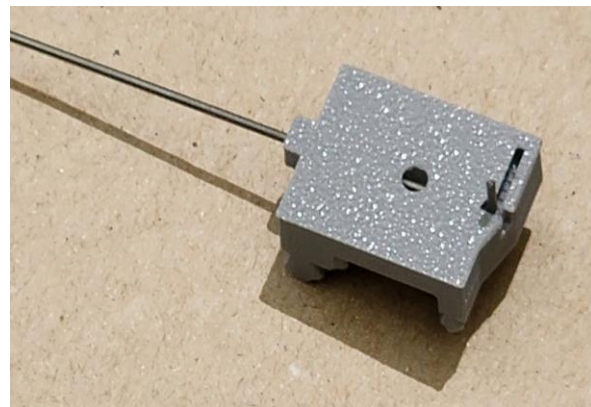
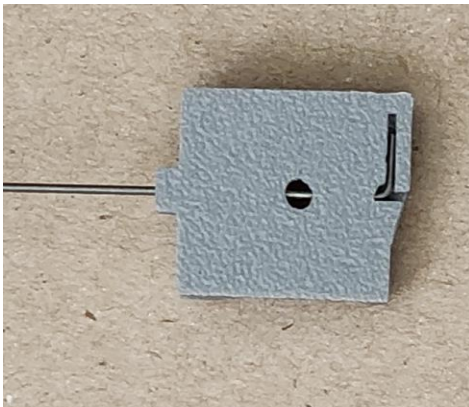


Servo Switch Machine Throw Wire Changeout Instructions

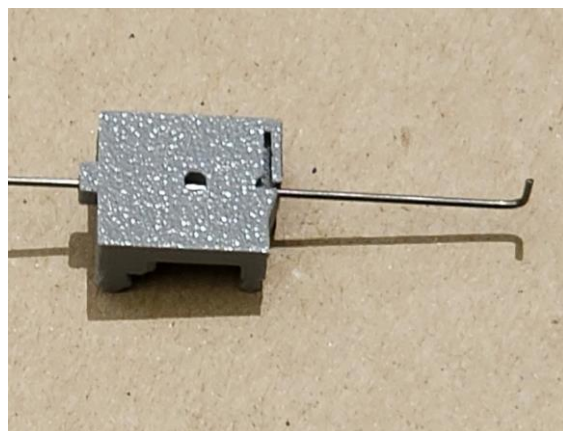
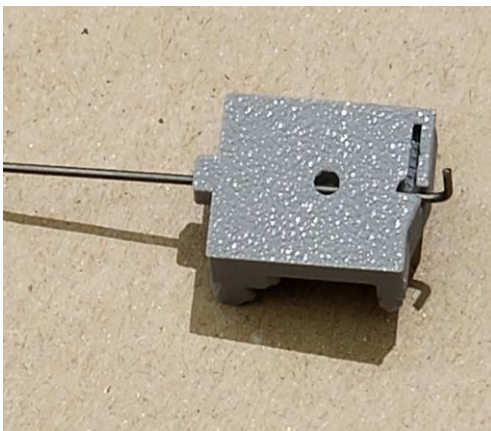
The Servo Switch Machine comes with a 0.039" (1.0 mm) throw wire installed in the linear slide. We've found that this thickness wire works well when the benchwork requires longer length throw wires. The throw wire can be changed to a lighter, 0.032" (.8 mm) diameter wire if desired by following the steps below.

Note: in the photos below the slide has been removed from the assembly for clarity. **Do not attempt to remove the slide.** The steps can be easily performed with the slide in place.

1. Remove the microswitch by loosening the 2 screws that hold it in place. Note the orientation of the microswitch arm so you can reinstall it properly later.
2. The 0.040" throw wire has a short L-bend that is press-fit into a channel in the slide as shown in the left image. To remove the wire, grip the long end with needle-nose pliers and rotate the wire until the L-bend pops out of the short channel and stands perpendicular to the face of the slide as shown in the right image.

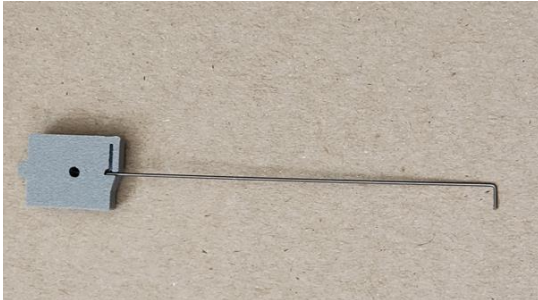


3. Remove the throw wire by pulling the L-bend horizontally out of the slide.

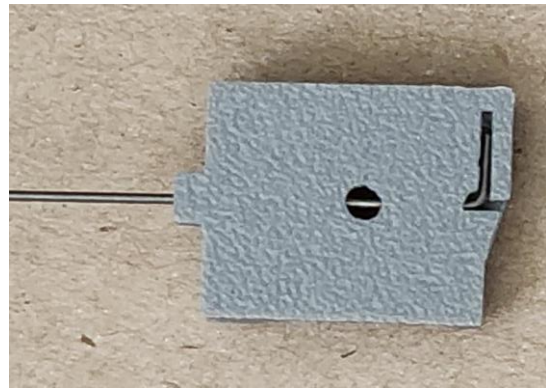




4. Insert the 0.032" throw wire into the horizontal hole in the slide at the end near the short slot.

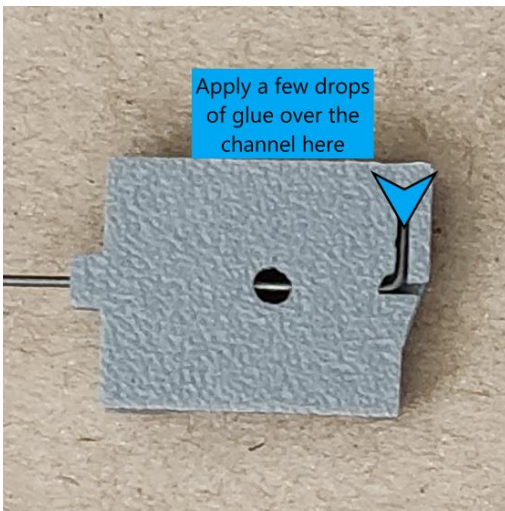


5. With the L-bend of the new wire pointing up and away from the face of the slide, pull the free end of the throw wire until the L-bend aligns with the short channel as shown in the left image. Next press the L-bend into the short channel as shown in the right image. It will probably be a loose fit.



iii

6. Apply a bit of glue over the short channel to ensure the throw wire stays in place.





7. Reinstall the microswitch and gently tighten the two screws. Be sure the orientation of the arm matches the image below.

