Fruils Demo

Tools Needed: Needle Nose Pliers, Wire Cutter/Snip Pliers, X-Acto, Cyanoacrylate Glue, Toothpicks

Figure 1: Required Tools

NOTE: My Needle Nose Pliers have “teeth” towards the end, then a flat surface (see Figure 2). It is this flat surface that I use to “grip” the wire in Step 3.

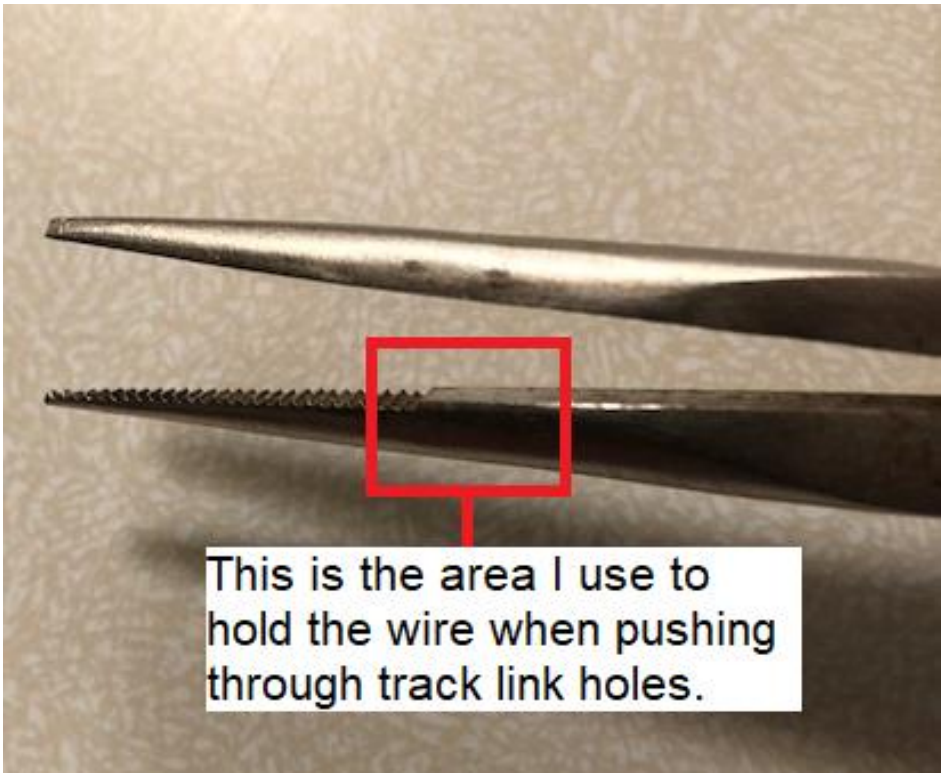

Figure 2: Needle Nose Pliers with Flat Edges

1. Use an X-Acto knife to clean the edge of each link so that it moves freely once connected.

Figure 3: Clean Flash and Edges of Track Links

2. Manually test run the wire through the holes in the track links just before assembling each (see Figure 4).

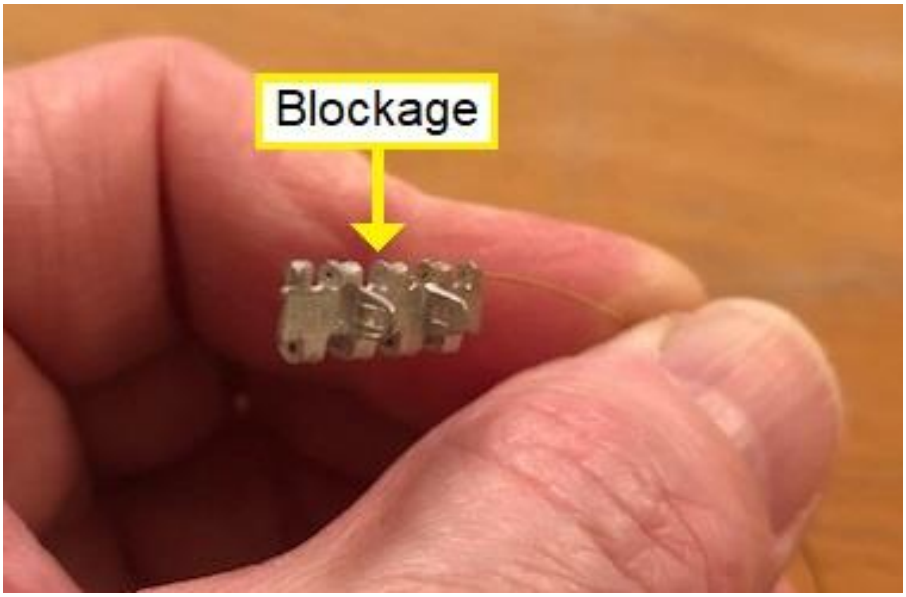

Figure 4: Push Wire Through the Track Link Holes

If there is resistance/blockage in the holes in the link, as in the image above (which there often are with Fruils), use the needle nose pliers to push the wire through and clear the blockage, as in Figure 5.

NOTE: Grip the wire with the pliers close to the hole so that the wire does not bend when you hit resistance while pushing the wire though.

BE CAREFUL to not force the wire all the way through the end of the track.

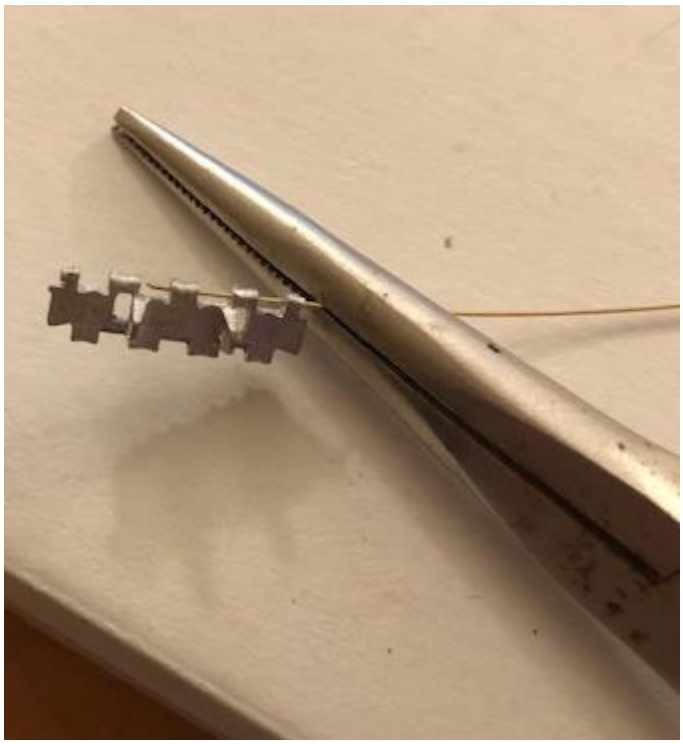

Figure 5: Use Needle Nose Pliers to Push Wire Through Track Link Holes

You will occasionally encounter a track link that has design flaws. Discard such links, as you always end up with more than enough links in a package of Fruil tracks.

3. Take two track links, fit them together, then gripping the wire with the needle nose pliers, run the wire through the holes to attach the two track links, as in Figure 6. Again, BE CAREFUL to not force the wire all the way through the end of the track.

NOTE: Grip the wire with the pliers close to the hole so that the wire does not bend when you hit resistance while pushing the wire though.

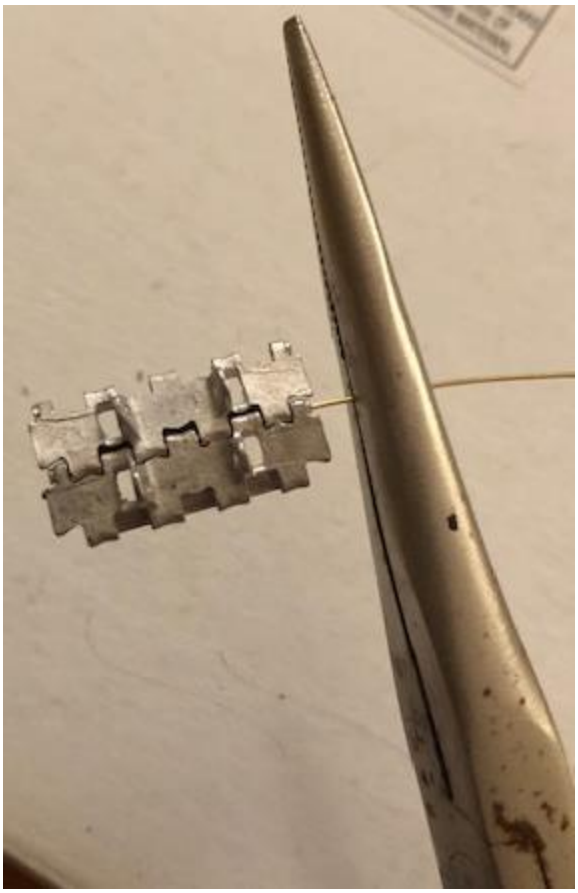

Figure 6: Push Wire Through Track Link Holes

4. After you have the wire all the way through the two links, use the snip pliers to pull the wire out slightly.

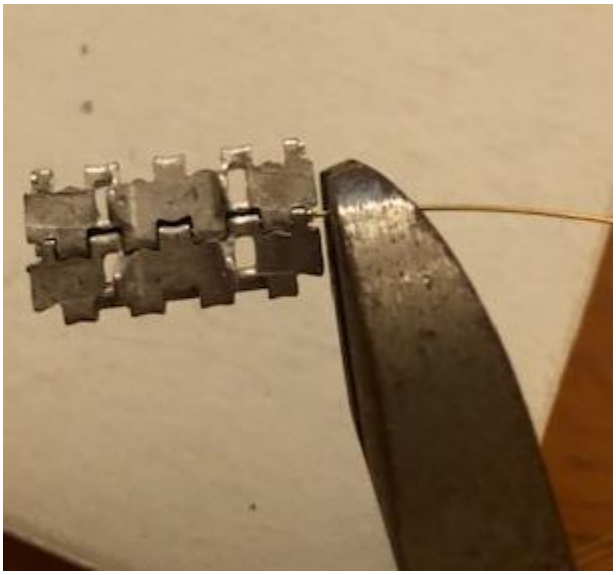

Figure 7: Use Snip Pliers to Pull Wire Out Slightly

5. Snip the wire, then push it back into the hole. The wire should be flush (or approximately) with the end of the hole.
6. Continue the procedure – I usually attach several links (8 or so) together at a time to keep it manageable. Then start a new set. Once you have several of these sets, attach them all together.
7. Put a SMALL drop of glue onto the tip of a toothpick, as shown in Figure 8.

Figure 8: Apply a Small Drop of Glue to the End of a Toothpick

8. Touch the tip of the toothpick to the open end of each track link where you inserted the wire (see Figure 9). Allow a small amount of glue to go into the hole. (I sometimes roll the toothpick on the track link opening.) This will secure the wire while allowing the links to remain flexible.

I usually have enough glue on the tip of the toothpick to seal about 4 or 5 holes, and then add another small drop of glue onto the end of the toothpick.

Figure 9: Apply Glue to Each Track Link Hole

9. Continue until the desired number of links are complete.