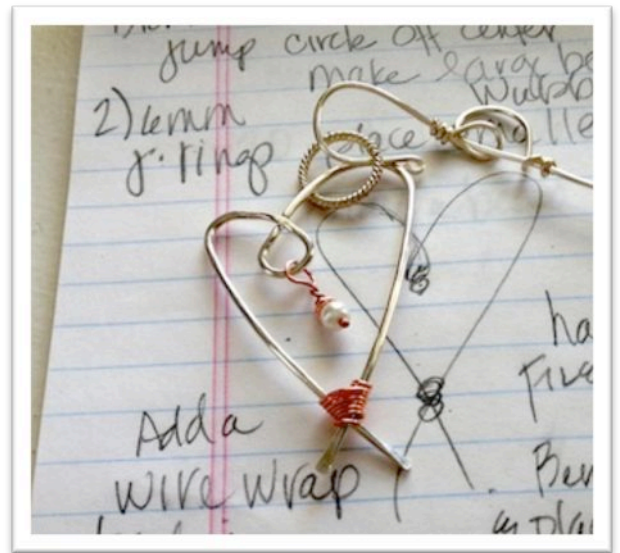


You Have My Heart

By Patty Frederick

I decided to make this necklace as a gift for my dearest and oldest friend. She had to have an emergency triple bypass. It was so unexpected, but luckily she is healthy today. I wanted to reach out to her in a very special way to let her know that she is loved. What would be more perfect than to give her a heart necklace!

This is an easy project for a beginning jeweler. There is no soldering or riveting. It's a simple project, but experience with tools is gained.



Materials List - Heart

- 16 gauge sterling silver or fine silver wire – 6”
- 24 gauge copper/ brass or silver wire – 3/5”
- 18 gauge copper /brass or silver wire – 2”
- Bead of your choice
- 18 gauge sterling silver or fine silver wire – 13 -16/ 4” pieces
- 16 gauge sterling silver or fine silver wire – 3 ½”

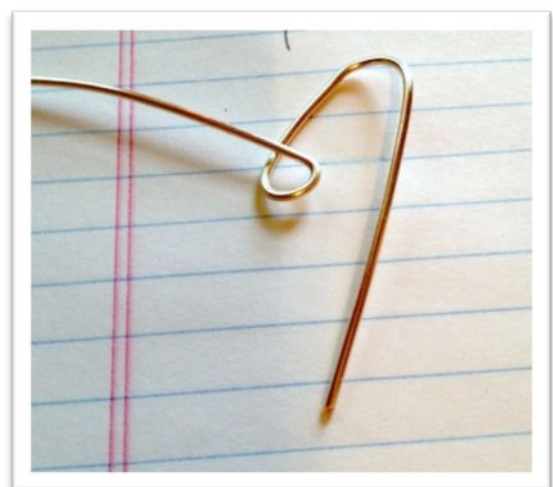
Tool List – Don't forget Safety Glasses!

- Wire cutters
- Crimping pliers
- Ball peen and/or chasing hammer
- Bench Block
- Safety glasses
- Butane torch or soldering setup
- Pickle pot and pickle
- Steel wool or brass brush
- Regular size Sharpie marker
- Liver of sulfur, as required
- Old pair of needle-nosed pliers (not your good Wubbers!)
- WUBBERS Classic Chain Nose Pliers
- WUBBERS Classic Round Nose Pliers
- WUBBERS Classic Large Mandrel Pliers

Making the Heart

Step 1. Cut 16 gauge sterling silver or fine silver wire approximately 6 – 6 ½” long.

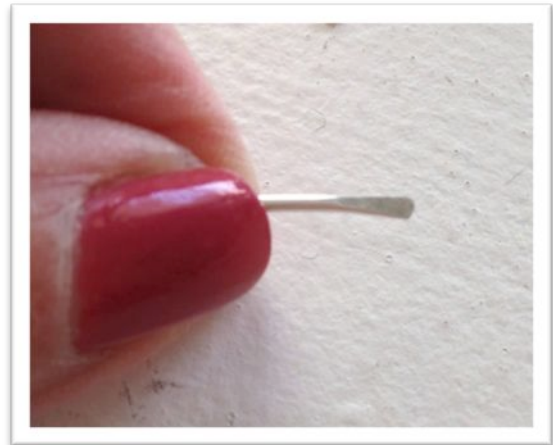
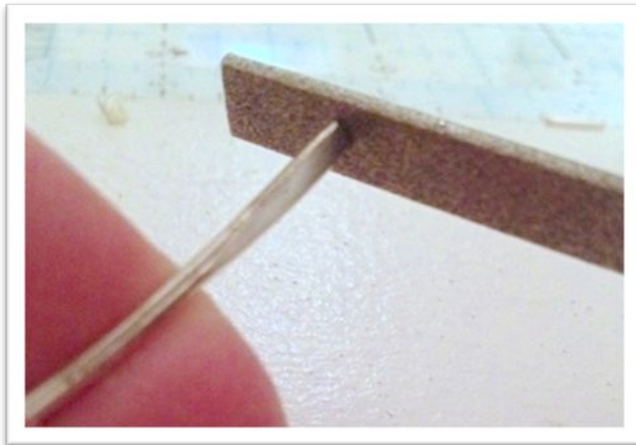
Make a loop—off center of the wire—approx. 2 – 2 ½” inches.



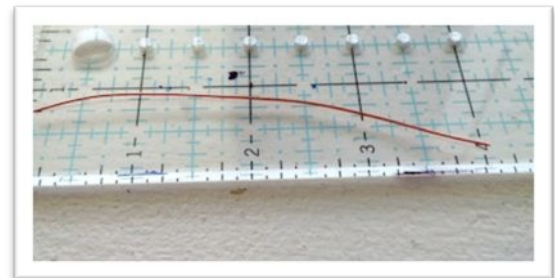
Step 2. Form the heart with the Wubbers Large Mandrel Pliers.



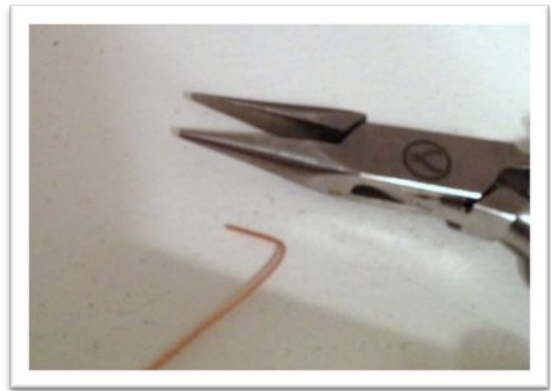
Step 3. Hammer the ends and file them rounded.



Step 4. Cut approximately 4" of 24 gauge copper wire.



Step 5. Bend the tail to form an “L” shape with your Wubbers Classic Chain Nose Pliers.



Step 6. Lay the “L” onto the SS Heart at the intersection, and wrap the copper wire neatly around the intersection, securing the heart into its permanent shape.



Step 7. Cut another 4” of 24 gauge copper wire, and draw a bead at the end of the wire using a torch.

This is your head pin. Alternatively, you can use a pre-made headpin.

Wire wrap a small bead of your choice and attach it at the center loop of the heart (shown in Step 8).

I chose a small pearl, but any small bead will look great!



TIP: To create a bead on the end of the copper wire, hold the copper with a pair of old needle-nose pliers with the hottest part of the flame about ¼” above the end of the wire. As it starts to glow, move the flame down to the bottom until the wire starts to liquify and form a ball. Keep the heat on the ball until the ball is the correct size. Quench, pickle, rinse, and clean with steel wool or a brass brush on a hard surface.

Step 8. Hammer the heart with the chasing hammer or ball peen hammer and the steel bench block to texture the metal.

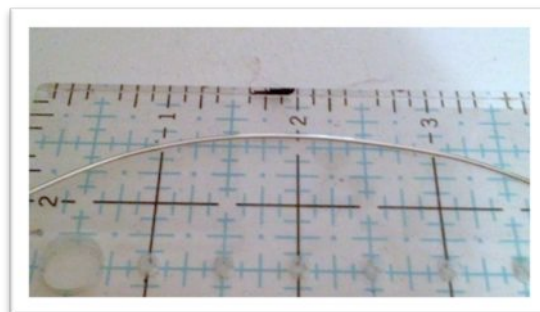
The heart is complete. Set aside.



Clasp and Chain

Step 9. Cut approx. 3- 3 ½" of 16 gauge sterling silver or fine silver wire.

Wire wrap a loop at the bottom as if you were making any wire-wrapped piece.



Step 10. Place the loop at the base of the regular Sharpie, and wrap the wire around it.

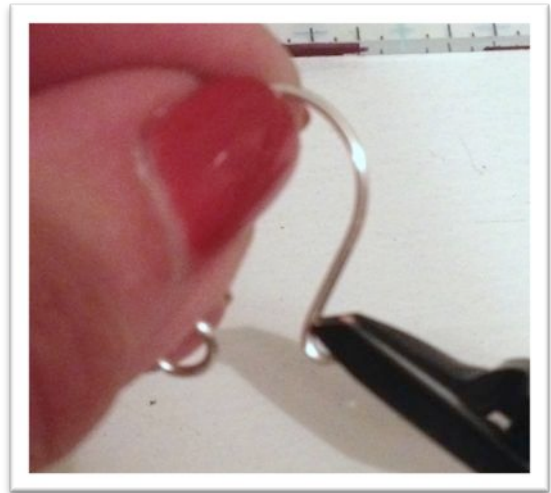


Step 11. Trim any remaining wire that is longer than the wire-wrapped loop.

Using the Wubbers Classic Round Nose Pliers, form a small circle at the end of the wire.



Step 12. Take the wire cutters and cut the loop in half. This leaves a small “c” shape at the end of the wire.



Step 13. Close the loop with the crimping pliers. This gives a very small loop that is much cleaner in appearance than it would otherwise be.



Step 14. Hammer the clasp with a chasing hammer or a ball peen hammer and the steel bench block and set aside for the moment.



Step 15. Cut 13-16 pieces of 4" 18 gauge silver or fine silver wire. This will form your chain.

Take your Wubbers Classic Round Nose Pliers and loop one end over the pliers with approximately a 1" tail. Wrap the wire so that the loop is oval. The loop should have a more organic shape and not look like a regular wire-wrapped loop.

For the first link, attach the clasp to the small loop on the link, in the same manner that one link is attached to another.

Step 16. Now wrap the other end around the Wubbers Large Round Mandrel Pliers.

Close this loop like the first one. This is the first link. Continue making links, but before closing the second large loop, slip it into the small loop of the link that was just completed.



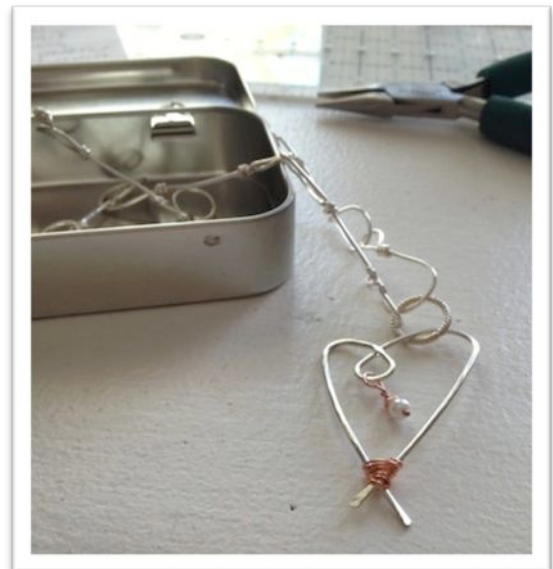
Step 17. Continue until the desired length is reached, minus one link.



Step 18. Attach a decorative jump ring to the last link and then to the heart.

Your necklace is complete.

If you want to add patina, I would hammer the links, then place in liver of sulfur and clean and polish



Review Questions

- 1) What skills are needed for this project?
 - a) Wire wrapping
 - b) Drawing a bead on a wire
 - c) Hammering
 - d) All of the above

- 2) True/False. You must use a pearl for your dangle, or this project won't work.
 - a) True
 - b) False

- 3) What level is this project well-suited for?
- a) Beginner
 - b) Intermediate
 - c) Expert
- 4) In this project, the student will make...
- a) A wire heart pendant
 - b) A handmade chain
 - c) Both of these
- 5) True/False. This project can have a patina applied.
- a) True
 - b) False