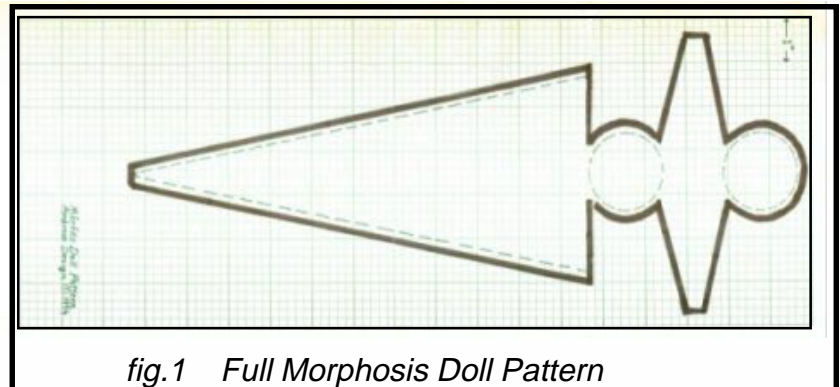


Read through these instructions before you begin building your Morphosis Doll. This will give you an idea on how to plan your time, and if you are caring for children during this time, how to involve them in the process. Get all necessary items ready before you start.

Material List:

- 1) A swatch of soft cloth 10" X 20" (Morphosis is normally green but any color can be used. Check out the different colors shown at our web page www.amb-rose.com.)
- 2) Scissors, ball point pen, and tape
- 3) Needle and two colors of thread, one black, and the other the color of your cloth you chose. (or sewing machine)
- 4) Cotton balls (25-30)
- 5) Two 20ga. X 18" cloth covered stem wires
- 6) Print 2 copies of these instructions out on your printer.

STEP 1 The thick line object to the left of this page and on page 2 is one half of the Morphosis Doll pattern. Cut all 4 pieces out following the outside edge of the thick lines. **TIP If your child is old enough to use scissors, let them cut the pattern out and piece it together.** To tape the whole pattern together, first tape the page two end to the first page half for both copies. Then flip one half over and tape it to the other half (fig. 1).



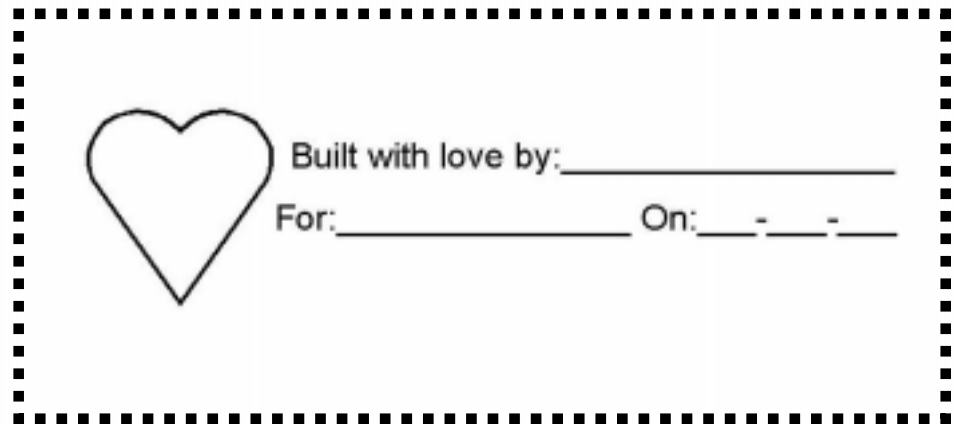
STEP 2 Trace the pattern onto your selected cloth using a ball point pen or a fabric pencil. Cut out the pattern and then thread your needle using a color thread which matches your fabric.

TIP Now is a good time to get your child busy on another task, such as coloring while you engage in sewing the doll together. Print out several copies of the free Morphosis coloring pages from our web site for them to keep busy with.

STEP 3 Start by sewing the tail up (point A to B) if sewing by hand, sew from A to B like three times to get a good tight seam. When finished, "inside-out" the tail section so the stitching is now inside.

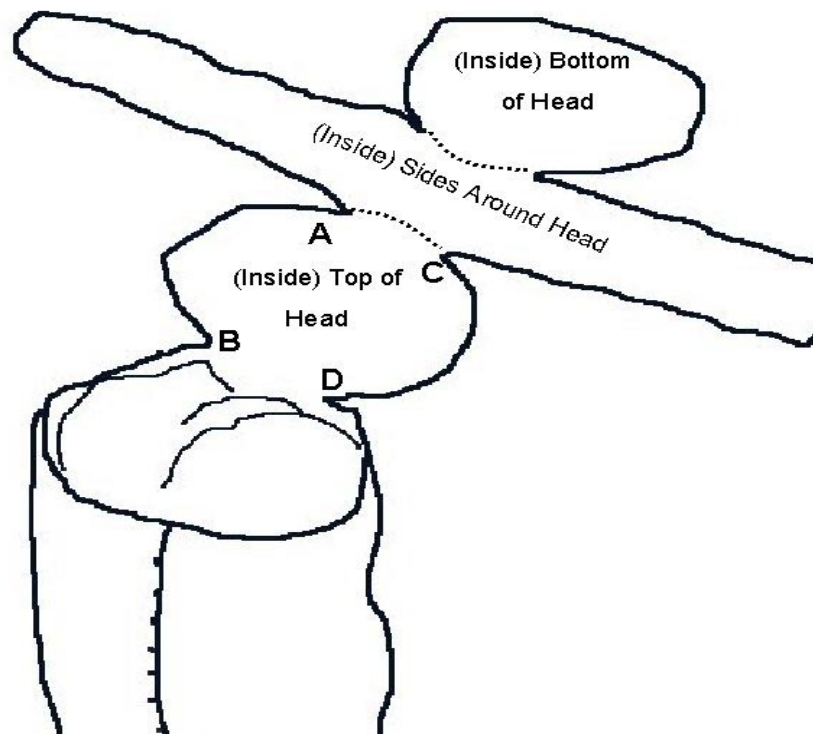
STEP 4 Stuff the tail with cotton balls. Take the first cotton ball and separate into four equal parts. Stuff these into to bottom of the tail using a pencil or pen. Take the next cotton ball and pull it in half. Stuff these in next, to insure the bottom of the tail is sufficiently stuffed. Using 12 to 14 more cotton balls, finish stuffing the body of the doll. Pack the balls in tight, since cotton will compress inside the doll over time.

Build your doll as a time capsual with the note below. Let your child help by cutting out and coloring the hart. Fill out the names and date, then roll it up letting, your child place it into the body of the doll.



Built with love by: _____
For: _____ On: ___ - ___ - ___

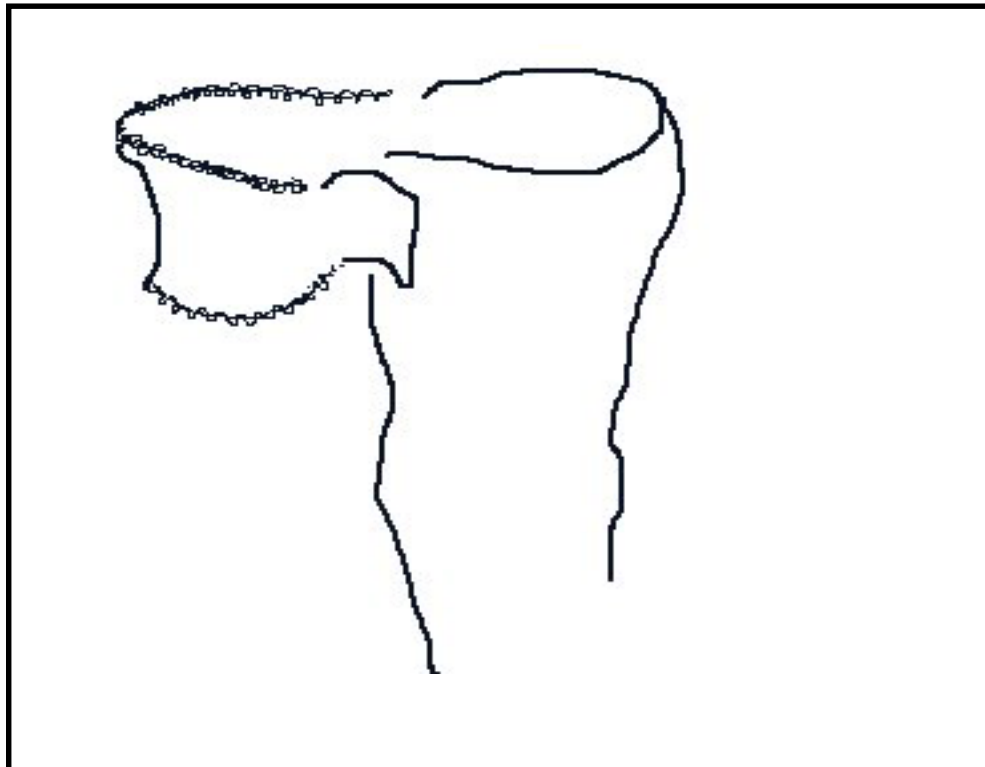
Before going on to the next step, look over the following figure.



4a) Start sewing from point A joining the “Top of Head” to the “Sides of Head” flap together to point B. As you sew from point A to B you will need to stretch the fabric and pinch it together as you progress around, keeping the two edges together. There will be about a 1/4 inch of “Side Head” material left un sewn when you get to point B. Sew back up to A and then along the semicircle dashed line in the previous figure. This is done by just pinching the fabric together and sewing a seam to point C. Continue sewing from point C to point D as you did from A to B. Use a pen or fabric pencil to dash the semicircle in from point A to C if you have difficulties visualizing the line.

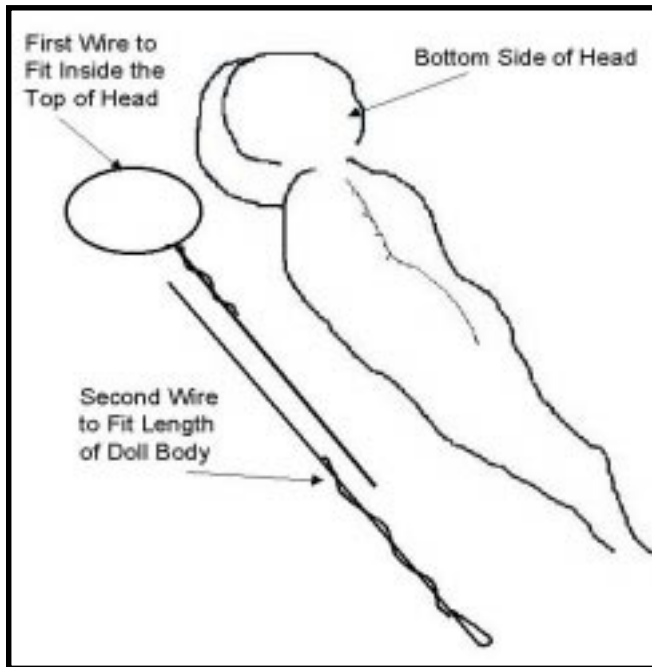
Tip: In any creation, there comes a time when the outcome may not be as apparent as one might hope it could be. This is that time... you are now sewing the head together from the inside-out. Just follow the instructions, and look ahead at the following figures to guide yourself through the process. If lost at any time, log on and ask for help at the amb-rose.com web site.

4b) Sew the “Bottom of Head” to the “Sides of Head” using the same technique described above. The finished “inside-out” head should look similar to the sketch below.



STEP 5 Turn the head “right side out” and then lay your doll out strait on your work surface. You will use the doll as reference as you build the Morfosis Doll spine. Using one of the two cloth covered stem wires, make a loop the size of head and then twist it to the straight length of wire which is left. Place it down next to the doll as in the following figure. Using the second wire,

bend it in half to make a rounded end to be shoved down through to the bottom of the tail, once the two wires are twisted together.

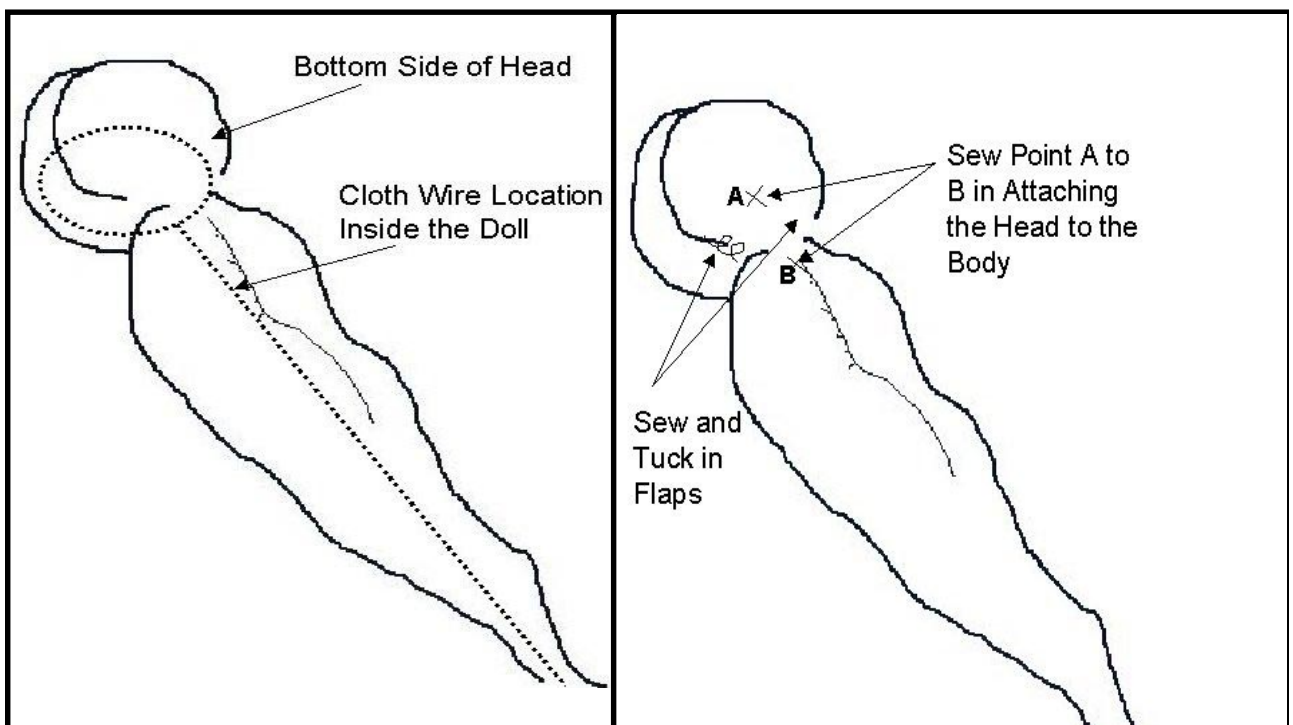


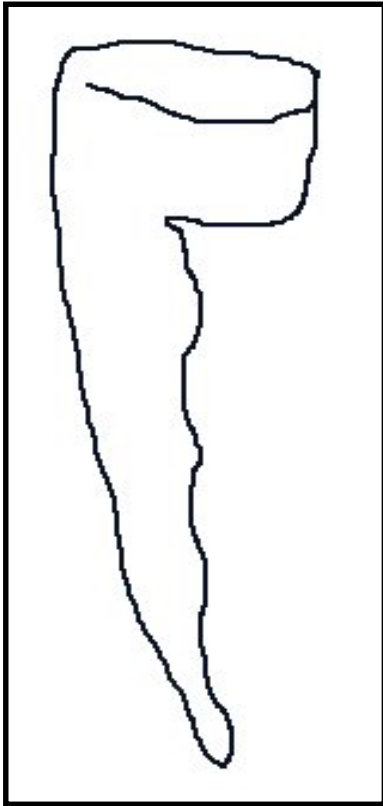
TIP: Explain to your child how the spine you are building will help the Morfosis Doll to stand up and bend, like the spine you have in your body. Run your fingers down the back of their neck and back, showing them the location of their spine. Tell them their spin helps hold them up straight to walk, and allows them to bend over to pick things up off the floor.

STEP 6 Stick the wire spine into the tail between the fabric and cotton ball stuffing. Stuff the wire loop into the head along the stitching of the "top of head".

STEP 7 Using 6 to 8 cotton balls, stuff the head.

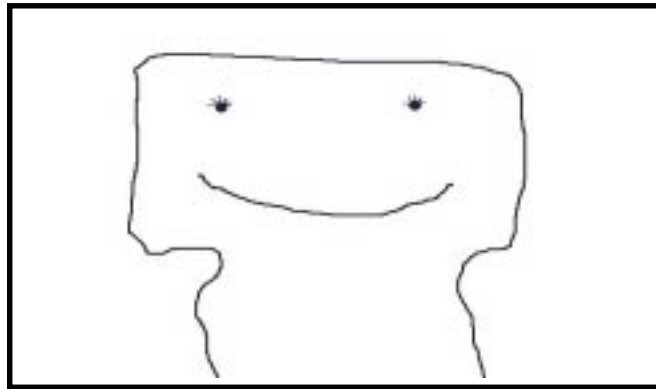
STEP 8 Finish sewing the "Side of Head" flaps, tucking in any lengths hanging out. Attach the "Bottom of Head" to the body, by looping thread from point A to B in the figure (below right).



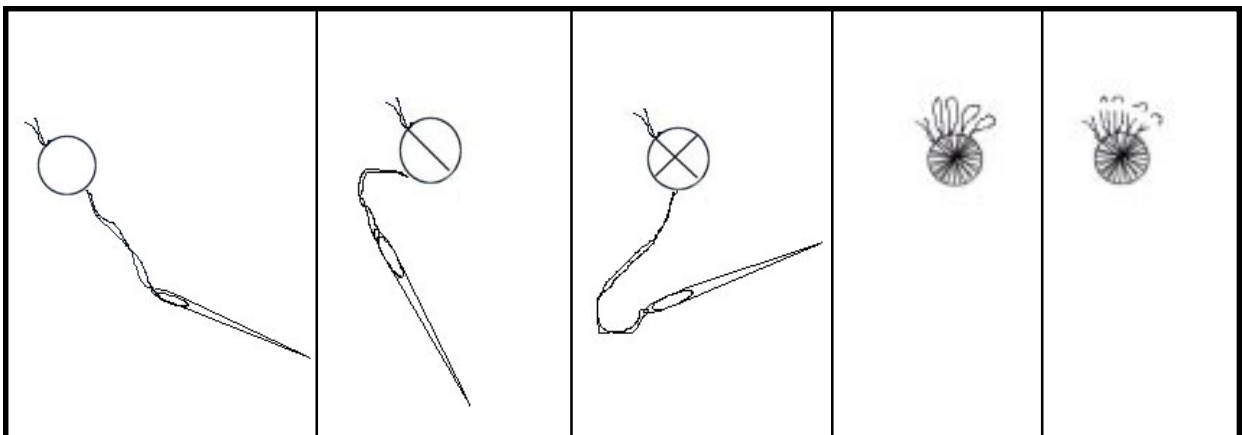


Bend the head to the body while sewing this loop. Finish sewing any un-sewn seams around the doll neck area. The Morphosis should now look something similar to the figure to the left.

STEP 9 The Morphosis eyes and mouth will now need to be sewn on. Look at the diagram below to get an idea on how to space the eyes and the mouth on the face. This may seem difficult, but just start with lining up both eyes first, and then add the mouth later.



EYES Imagine a dashed line across the top of the doll face and place small marks with your pen or fabric pencil in about the same location as in the drawing above. Start at the top of the eye so the knot from your needle will be the start of the eye lashes. Imagine a small circle around your mark for the eye to be, and bring the needle out at the opposite end of the imaginary circle. Go back in near where you started by the knot, and then come out to one side of the imaginary circle. Go back in with the needle at the opposite side again, making an X across the imaginary circle. Continue making X's across the imaginary circle until the eye appears solid. Tie looped knots across the top of the eye, and trim the loops with scissors to finish. Now go to the next eye and repeat this process.



MOUTH The last STEP 10 is to sew the smiling mouth onto your new Morphosis Doll.

TIP: Because you are applying the mouth to a 3D object, while looking at a 2D picture to reference from, it is natural to sew the mouth on in too of a “U” shape. The Morphosis mouth is a flat and long smile across it’s face. To start in the proper location the first time try this... Looking at the right eye, move down and to the right to where you “think” you should start, and then move over to the right a little bit more to start the mouth stitching across and under the left eye.

The mouth will be a single line of thread when finished. To start, the first pass will be a single dashed line as you stitch from right to left. Fill in the dash line gaps as you stitch back to the right side of the mouth. Trim off the knot. You have just completed your first Morphosis Doll.

To build “baby” Morphosis Doll, find a copy machine that will do reductions and copy the pattern at 80% size. Follow the instructions again using less cotton stuffing as appropriate. One cloth covered wire will work nicely for the “baby” Morphosis Doll. I would suggest building the “full” size doll first to get the hang of building the doll. From my experience in building the dolls, the smaller the doll the more difficult it is to sew, and finish off.

Good luck, and remember you have on-line help through e-mail with me on any questions you may have as you and your child build a Morphosis Doll. Go to <http://www.amb-rose.com> and hit the big yellow question mark to get self help and e-mail links to me.

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