

Embroidery
**Create a
Multi-Layered
Appliqué with My
Design Center & My
Connection**
May 29th, 2024

Supplies

- o Brother Stellaire (or Luminaire) connected with My Connection to either Scan N Cut SDX325 or Scan N Cut SDX330D
- o Scan N Cut SDX325 or Scan N Cut SDX330D connected with My Connection to Brother Stellaire (or Luminaire)
- o Appliqué Pattern with multiple parts (Backyard Friends by Amy Bradley Designs was used in the video)
- o Plain Copy Paper
- o Sharpie Ultra Fine Point (black color preferred)

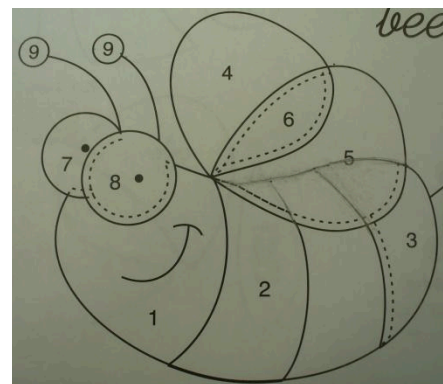


Analyze the Appliqué Pattern

Multi-layered appliqués have more than one appliqué piece that overlaps the other. In the sewing process, the layers are added one layer after another. If created all at once in My Design Center, the embroidery design is created whole without regard to the layering process. In other words, the machine makes the decisions as to the order of stitching. By importing the pieces of the appliqué one at a time, we are in control of the order of stitching and the placement of the final outline stitching that secures the appliqué.

Because the pieces overlap, take special consideration to reduce bulk both in the fabric and in the stitching.

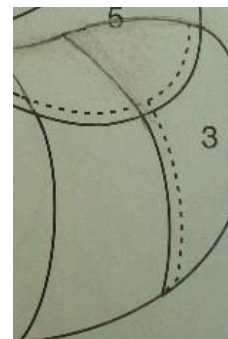
My Design Center is a wonderful tool for creating embroidery designs within the machine and without software. When the Stellaire is connected to a Scan N Cut SDX with My Connection, special time saving appliqué creation features are unlocked as shown in the video. The basic technique below also works with machines without My Connection by including a few more steps.



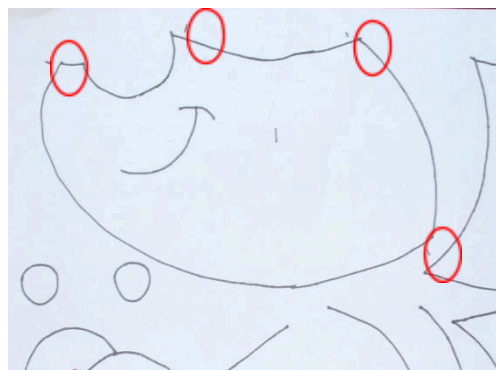
Be aware of the following when analyzing an appliqué to create in My Design Center:

Check the Order of the Appliqué – if the pattern pieces are not numbered. Some patterns indicate the order of applying the appliqué pieces. The pieces farthest in the background are first. If the pieces are not numbered on the pattern sheet, mark them with a pencil. The pencil markings will transfer to the artwork as a guide, but will not affect the final process of creating the appliqué pieces.

Re-Trace if Necessary – any pieces that overlap any other pieces. Use a plain white piece of copy paper and a black fine point marker such as a Sharpie Ultra Fine Point marker. Trace all around the appliqué piece to create closed shapes. Include an under lap to adjacent pieces if they will be covered with fabric as shown in the image right as a dotted line. Trace any additional markings on the edge or within the shape such as facial features or antennae. Repeat for all other pieces. Trace any identical parts only once and duplicate them. Use built in shapes (such as circles or squares) under the Shapes tab and size them to fit.



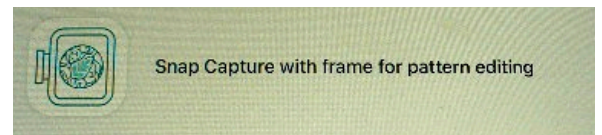
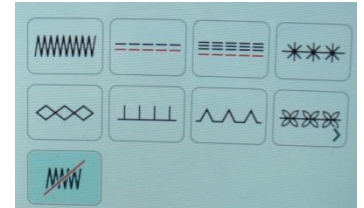
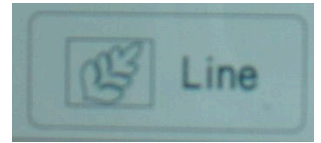
Keep the Shapes Separate – because they are created one at a time for a layered design. When using My Design Center on a group of objects (such as multiple appliqué pieces) the program will decide the order of stitching and stitch them without regard to the layers needed for a multi-layered appliqué. An exception to the rule are objects that can be stitched in the same layer and need to be in a fixed orientation, such as a pair of legs or the features of a face.



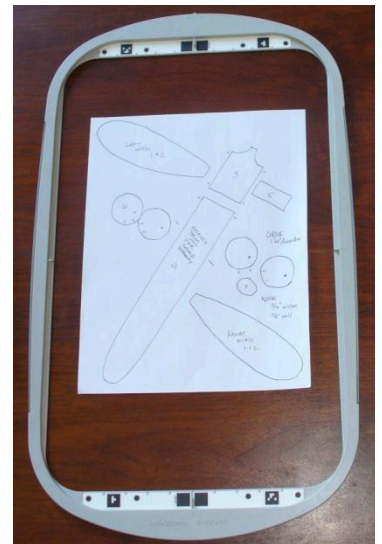
Indicate Where the Pieces Overlap – by making marks just outside of the traced appliqué pieces. Edge stitching is bulky and stitching under the appliqué that lies on top of the other will detract from the overall appearance. The edge stitching on these areas is removed when creating the edge stitching. Make any notes to know where these separate pieces will fit together.

Import the Appliqué Pattern Artwork

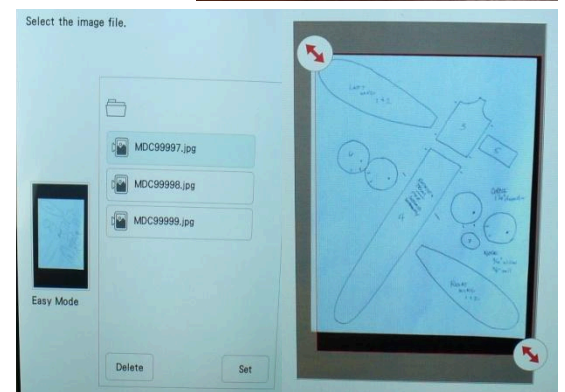
Open My Design Center and select the Line Design option. This option traces the outlines of the artwork only. Before bringing in the design, select No Sew under the Line Properties menu even if no image is yet in the workspace. After importing the image, the lines will be traced and will be a light grey. No Sew is the best option because the appliqué pieces need to be selected and created individually from the artwork containing all the pieces. All the notations made on the paper will be visible for editing, but will not be sewn.



Import the shapes of the pieces into My Design Center using the My Design Snap function on your mobile device. (Some other models use a scan mat to import the artwork.) Open the My Design Snap app on your mobile device and follow the Connection Guidance to connect wirelessly to your machine. Your machine must be turned on and connected to the same network as the mobile device in order to import an image. Place the traced image inside the largest hoop that will accommodate it. An 8.5" x 11" sheet of paper fits in the largest hoop. In the app, select "Snap Capture with frame for pattern editing". Instructions will appear on screen to indicate how to hold the camera of the mobile device over the hoop and image to capture the information. 3,2,1 and the image is captured and sent to My Design Center. Choose Send the Image to the Machine.



At My Design Center on the machine, select Line and then the wireless symbol. When the list of images appears, select the image (the most recent will be at



the top of the list) and then Set. Use the two corner arrows to crop off any unwanted parts of the image such as outside the edge of the paper. If the image looks too heavy or incomplete, slide the arrow at the bottom of the page and Retry to adjust the design. When the image looks complete, select Set to send the artwork to the My Design Center workspace.

Create the Individual Appliqué Pieces One at a Time

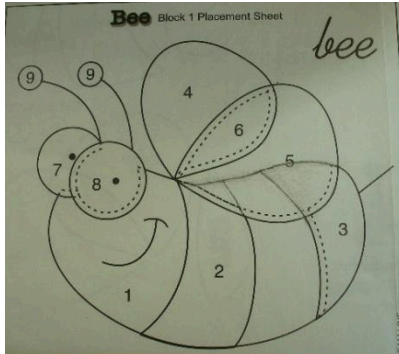
Create the individual appliqué pieces one at a time from the artwork imported into the My Design Center workspace. Look the artwork over to repair any missing lines or “holes” in the lines and repair with the drawing tool. If too many lines are in need of repair, consider rescanning and darkening the original traced lines. When satisfied with the artwork **save the artwork into the Memory**. The artwork will be recalled many times to create the individual appliqué and embroidery pieces.

Locate the first part of the embroidery. This is the bottom-most layer and could be either an appliqué or embroidery. To create an appliqué, select the double run and a bright color (such as red) from the line properties menu and “pour” that stitch type onto the outline using the Cup icon. Select Next to send that piece to the Embroidery Edit screen. In embroidery appliqué the outline of the appliqué piece must be stitched two to three times. When using a machine with the enhanced functionality of My Connection, the process of creating the multiple parts of the appliqué are automatically created with the correct color clues for stitching.

- The first outline stitched is the placement of the piece and is “Appliqué Position”. The color for this part of the process is a stitch line as shown in the photo.
- The second outline is for placing the material, stitching and then trimming the fabric close to the stitching. This outline is “Appliqué Material”. The Scan N Cut pre-cuts the fabric to this exact size and shape. The command for the Scan N Cut to recognize that this is a cutting outline is the assignment of the Appliqué Material “color” to this outline.
- This third outline is an optional open zigzag stitch to secure the raw edges well before the final satin stitch outline stitching. Be sure to use this when the appliqué fabric is fragile or prone to fraying. This zigzag is usually slightly narrower than the final satin stitch so it is fully covered.
- The fourth and final outline is the tack down of the appliqué piece that covers the raw edge of the fabric. There are several options including a straight line, an open zigzag or a closed zigzag (satin stitch). Other decorative stitches can be used such

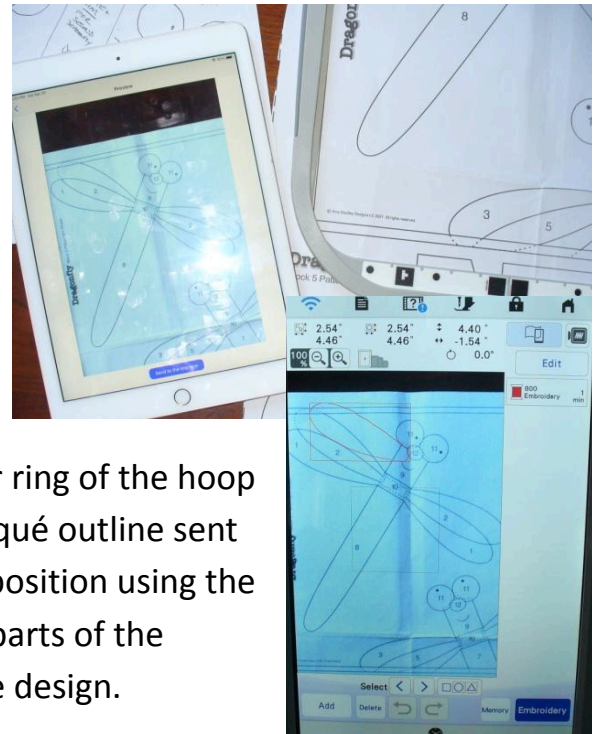
as a chain stitch, candle wicking stitch or a buttonhole stitch. Choose any color for this final stitching.

Perfectly Position the Pieces



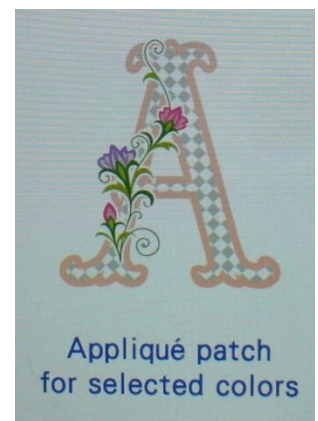
The first part of the embroidery is on the Embroidery Edit screen, but what is the correct placement for this piece? The original appliqué pattern shows the positioning of all the pieces including the correct overlap and rotation. We will use this image to place our pieces. Import the image using the My Design Snap mobile app. Place the image of

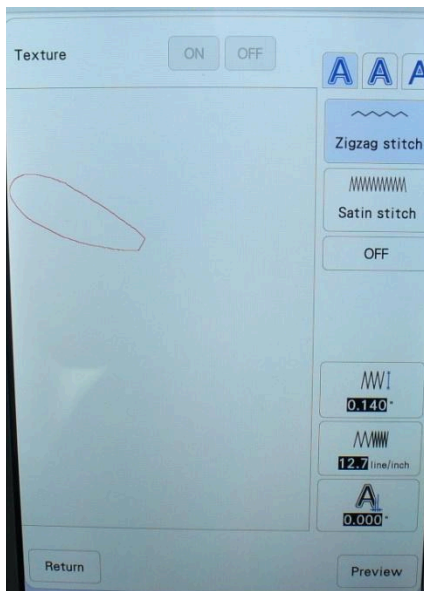
the assembled appliqué within the inner ring of the hoop with the black and white orientation stickers showing. (The outer ring of the hoop is not necessary.) At the app select the “Snap Capture with frame for pattern positioning” to send the image to the screen of the machine. The hoop used to frame the image must be attached to the machine to open the image on the screen. (The outer ring of the hoop is absolutely necessary for this step.) Select the appliqué outline sent from My Design Center and move it into the correct position using the image as a road map. Use this image to place all the parts of the appliqué as they are brought into the assembly of the design.



One Outline into an Appliqué

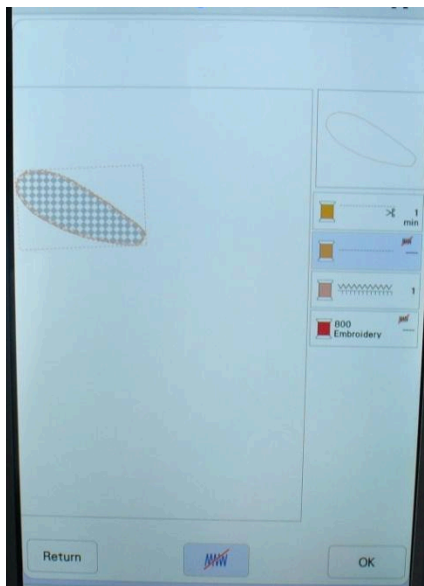
When the Stellaire and Scan N Cut are paired with the My Connection feature, new functionality is opened in both machines. In the Stellaire, create automatic appliqué by selecting the Appliqué Patch for Selected Colors under the Appliqué icon in Embroidery Edit. This new feature walks through the process of automatically creating an appliqué from different parts of the design and works for most embroideries including ones created in My Design Center.





A new screen will open showing the parts of the embroidery design. Select the desired part by touching the color chip and then next. On the new screen (shown left) choose the options for the final tack down stitch. These options can be modified later within this feature by backing through the option screens or in Embroidery Edit using the No Sew icon.

- Select the option to see or not see a representation of the appliqué piece created with a texture image.
- Select the outline to be traced; outside, outside and inside and inside only.
- Select the final tack down option: zigzag, satin stitch or no tack down stitch at all.
- Select the size, density and off-set distance for the final tack down.
- Select Preview for the next screen.

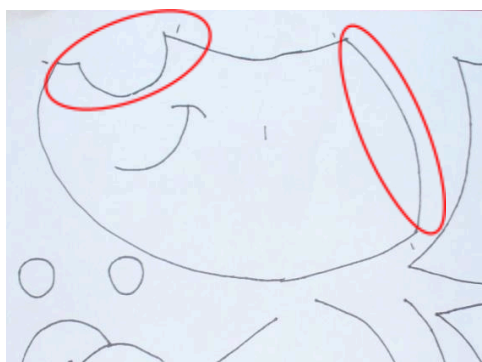
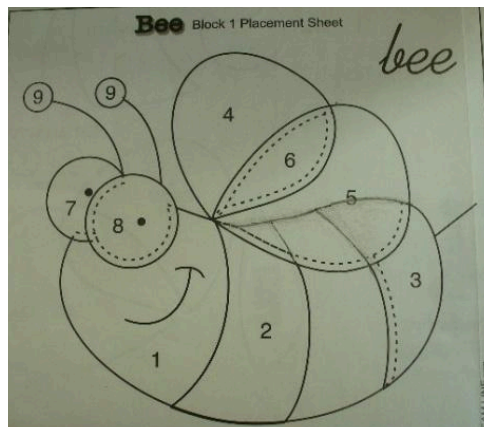


The final option screen displays the appliqué created and the different parts are represented as colors for the four different parts of the embroidery appliqué design as described above. Turn off different parts of the design by selecting the color chip and then the No Sew icon at the bottom of the page. In the image left, the second color Appliqué Position and the final tack down satin stitch are selected No Sew. The appliqué piece shape outline will be sewn, read by the Scan N Cut and a zigzag

tack down stitch will secure the appliqué piece. All these options are sent to the machine after selecting OK and are available to be reactivated on the Embroidery Edit screen under the No Sew icon.

In machines without this My Connection feature, create the individual parts of the appliqué by selecting, duplicating, moving and changing the color of the appliqué shape.

Add the Custom Tack Down Stitch for Each Appliqué Piece



Before adding the next appliqué piece, create a final tack down stitch for this piece. The edges of the piece that are covered by additional pieces layered on top **do not need** a final stitch. In the bee images left, the line under the eyes and the right side of the body are covered by additional appliqué pieces. Select Add from the Embroidery Edit screen and My Design Center. Recall the saved outlines to the workspace. Using the eraser tool, remove any outlines that will be covered by additional appliqué pieces. It is helpful here to have placed small notes on where the pieces will overlap on the scanned image or to refer to the placement image from the pattern. Select a stitch type and color from the Line Properties menu, then the Bucket and then touch the lines to create the tack down for this piece. Send this to the stitch properties page and modify the stitch properties. If the pieces are separate, select the Link icon to modify all the properties simultaneously. Note that for the final appliqué piece, the entire outline can be created using the Appliqué Patch for selected colors option because the outline is created in its entirety.

Repeat this process for all the different appliqué pieces in a design. Include additional embroidery parts such as facial features or embroidery pieces under or on top of the appliqués as they are created. In the video, a period from a text font was used to create the eye.

