



## Embroidery Software 6

# In A Banner of Speaking

Created by Debbi Lashbrook

Create a fun banner using the BERNINA Exclusive Embroidery Collection - Lilified to say what you need to say! From special occasions to simply a name banner in a child's room, creative options abound!



## Supplies

### Machine & Accessories

- BERNINA Embroidery Machine
- BERNINA Embroidery Software V6, DesignerPlus
- BERNINA Mega Hoop or Jumbo Hoop
- BERNINA Exclusive Embroidery Collection - Lilified #82003
- Rope Design (included with lesson)

### Notions

- Table Runner
- StabilStick TearAway
- LightWeight TearAway
- Isacord Embroidery Thread, 4 colors

## Creating the Lettering Without Appliqué

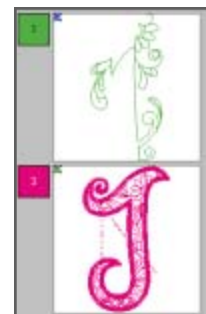
- Open BERNINA Embroidery Software V6.
- Select File> Insert Design and navigate to the first letter you plan to use for your saying. Select the letter; then click on Open..
- If Color Film is not open, click on the icon so that it is displayed.
- Right click on the letter in Color Film and select Ungroup.
- Select the black color chip (the placement line and the tack down line) in Color Film and select Delete on the keyboard.
- Select the green color chip in Color Film, right click and select Group. Repeat for the pink section in Color Film, selecting it first; then grouping. Then select both colors while holding down the Ctrl key and Group.
- Repeat these same steps for each letter you add to the banner:
  - ◊ Select File> Insert Design to add the new letter.
  - ◊ Select the letter and select Open.
  - ◊ Move and place the letter.
  - ◊ Rescale if desired. (See directions on next page.)
  - ◊ Move again if needed.
  - ◊ Ungroup.
  - ◊ Select the placement line and tack down and delete.
  - ◊ Re-group each of the two colors; then re-group the letter using Ctrl.



## Notes



Click on the Show Hoop icon to deactivate the hoop if needed. It is usually easiest to create a multi-hoop design without a hoop in the background.



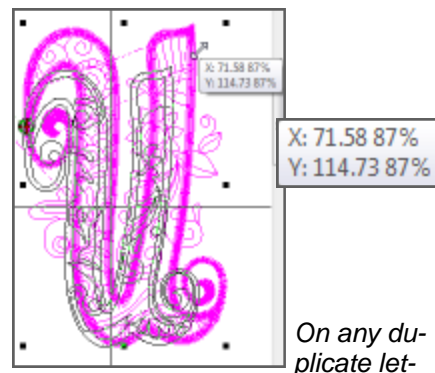
- Rescale if desired using the black rescaling handles on one of the corners of the letter. *Note: As you are rescaling, a % will be shown on the flag. You can use this as a guideline for changing the size of your letters. The design rescales toward the opposite corner of the corner you use to rescale.*
- In the sample, this is how each of the letters was rescaled:
  - ◊ J: 100%
  - ◊ U: 87%
  - ◊ S: 83%
  - ◊ T: 87%
  - ◊ M: 100%
  - ◊ A: 86%
  - ◊ R: 82%
  - ◊ R: 82%
  - ◊ I: 84%
  - ◊ E: 88%
  - ◊ D: 98%
- Select File> Save As and name the file, Banner 1 after you complete the first word. In the dialog box that opens, select Everything. Continue to add more letters. After completing the second word, save the file as Banner 2. You do not need to close the file.

## Adding the Rope Design to Your Software

- The next step is to create a rope pattern outline that will be used to suspend the letters.
- This pattern has been created for you and is called, Rope.ART60 and was included with the project download. Navigate to the location of the saved design and open the design. Make sure you are in Design View and not Artistic View.
- Select the design and select Settings> Create Pattern.
- In the dialog box that opens, click on New Set.
- In the New Pattern Set dialog box, name the Pattern Set, Created Patterns. Click OK.
- In the Make Pattern dialog box, name the pattern, Rope. Click OK..
- In the status bar of the software, you will be asked to digitize reference points. Digitize a line with two left clicks, beginning at the green O and ending at the white + sign. (See the picture at the right.) You may need to zoom out to see these.
- You will see a message that the pattern has been created. Click OK. Close the file.

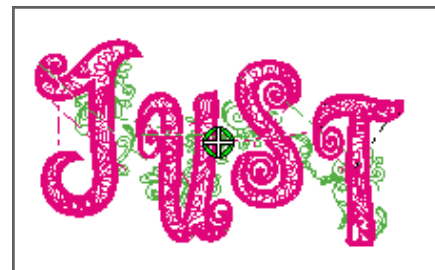
## Notes

Color Film makes it easy to un-group, group, delete, cut, copy, and paste as well as select parts of a design.

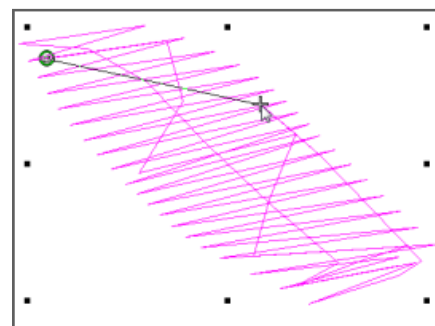


On any duplicate letters, remember the quick way to make a copy is to clone the letter. Right click and drag away from the letter.

When creating large files, it is always a good idea to save the files in steps so the design doesn't have to be totally re-created.



To toggle between Design View and Artistic View, touch the T on your keyboard.



## Adding the Rope to the Design

- The screen should now show the banner design.



- Right click on the Show Hoop icon. Select the largest hoop you can use on your machine from the drop down menu. Make sure Display Hoop is checked. Click OK.

- Switch to Hoop Layout.



- Select the hoop; then left click on Rotate Hoop two times.



- Click on Add Hoop. While this hoop is selected, left click on Rotate Hoop two times.

- Move the hoop to the left so that the hoops overlap as much as they can, but the letters are green, not black.

- Click on Add Hoop to add another hoop and rotate as before. Move this hoop to the right of the center hoop so that the hoops overlap as much as they can and the letters are green.

- Repeat as necessary for the words in your banner.

- Return to Embroidery Canvas.



- Click on the Object Properties icon. Select the Outline Stitch Tab and in the drop down menu, select Pattern Run as the option.

- Click on the Select Button. In the Patterns drop down menu, select Created Patterns and choose the Rope by clicking on the design. Select OK.

- In the dialog box, highlight the Spacing value and change it to 5.5. Click OK.



- Select the Open Object Tool.

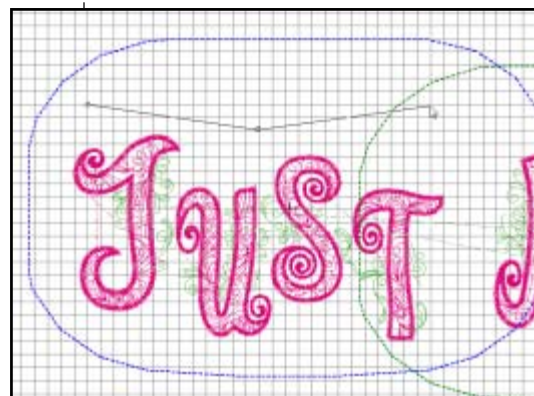
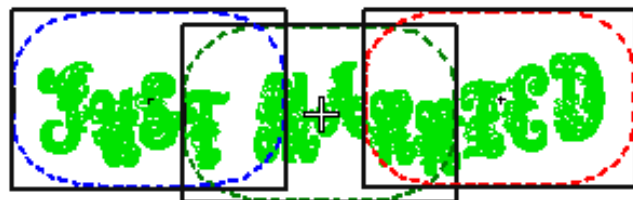


- If the grid is not activated on your screen, click on the Show Grid icon. The grid will serve as a guide when you digitize the rope.

- Digitize a line with a left click above your first letter, then move toward the middle of the hoop and down a couple of grid spaces and right click. Move your cursor to the other end of the hoop and end with a left click so that the line stays within the hoop boundaries. Hit Enter to activate the line.

## Notes

*Before you add the rope chain to the design, it is best to show the hoop so that the rope pattern can be digitized so that it is easily split when multi-hooping.*





- Select the Select Object Tool. Move the rope design if needed.
- Select the rope and right click and drag to make a clone. Place it in the middle hoop, align the ropes as shown in the diagram. Zoom in as needed. Repeat to add a third rope to the third hoop. If you need to adjust the length of the rope, you may expand the rope length by clicking on the center rescaling handle and dragging it away from the center of the rope. (See arrow.) Move the ropes so that the ends meet.
- Adjust the position of any letters that you need to adjust. Save the design as Banner 3.

## Digitizing a Pattern



- Select the Zoom icon and click and drag a bounding box around a few grid spaces away from the design to zoom in close to the grid in a blank area.



- Open Object Properties and the Outline Tab.
- Choose Satin from the choices in the drop down menu of Stitch Type.
- Highlight the Satin Width and change the width to 1.5 mm.
- Place a dot in front of Manual and change the Stitch Spacing to 0.6 mm. Click OK.



- Select the Circle/ Oval Tool.
- Click at the intersection of a grid space and drag your cursor down about a half of grid space, click again. Drag your cursor to the right to form an oval and click again to set the oval shape. Select Enter to activate the line.
- Use the Select Object tool to select the shape and change the color to one that hasn't been used in the design.

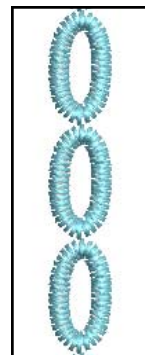
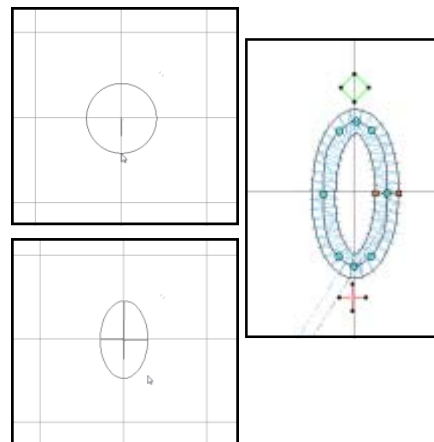
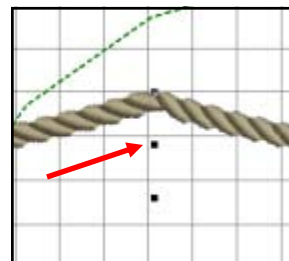


- Click on Reshape Object while the oval is selected. Move the green square (start point) to the top of the circle and the red cross (stop point) to the bottom of the circle.
- Select the Select Object tool to select the oval. Select Settings> Create Pattern. In the Created Patterns Set, name the pattern, Oval and click OK.
- Digitize the reference line with two left clicks from the top of the oval to the bottom of the oval. Click OK to close the dialog box.



- Select the oval and delete the oval. Select Show All.

## Notes





## Creating the Chain Pattern



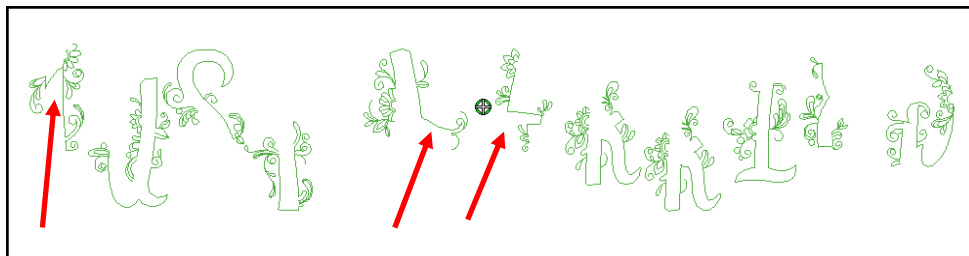
- Open Object Properties. Select the Outline Stitch tab. In the Stitch Type drop down box, select Pattern Run. The Oval should be listed in the Pattern window. Click on Select. Select the oval.
- Click on OK twice.
- Select the Open Object Tool and digitize a line from the rope to the top of each letter. Digitize with two left clicks; then select Enter to set each line. Begin with the first letter.



## Deleting Traveling Stitches



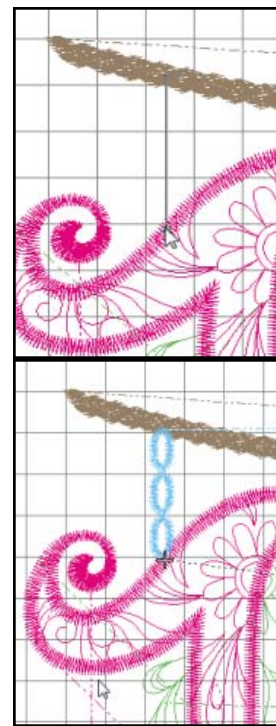
- Before preparing for multi-hooping, there may be editing necessary on some of the letters. Running stitches that normally would be hidden by the appliqué fabric will not be since the appliqué was removed.
- Click on Show Hoop & Show Grid to hide them from view. This makes it easier to see. \
- Select View> By Color. Select the green color chip and click OK.
- In the letters used in this design, the J, the M, and the A will need to be edited because of the running stitch crossing the letter. In all other



- cases, the running stitch runs around the letter.
- Zoom in on one of the lines. Select Reshape Object. Click on a line that needs to be deleted within the letter. Select each control point that runs across the letters and hit Delete.

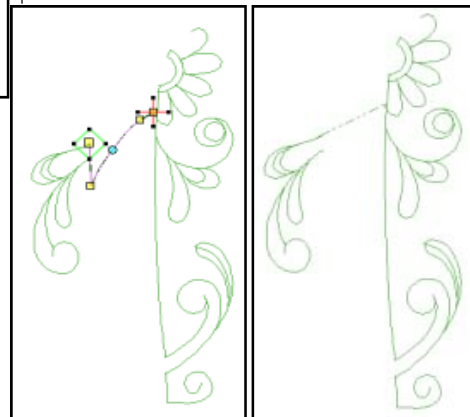
## Notes

*Holding the Ctrl key when digitizing with two left clicks will keep the digitized line parallel to the grid.*



*Switch to Artistic View to see the traveling stitches that need to be deleted. In the letter J and M, the traveling stitches are covered by another color, but in the letter A, the travel stitches show.*

*By deleting digitized points of the letters, Reshape Object changes the running stitches into jump stitches. You may need to move the start & stop points out of the*





- Select Enter to activate the changes. Dotted lines (jump stitches) now appear in place of the traveling stitches.
- Select View> By Color. Select All Colors; click OK.

## Changing the Sequence & Grouping the Design



- Select the chains in Color Film and then select Sequence to Start at the top of the Color Film dialog box.
- Using the hoops as a guide, select the chains, the letters, and the rope that fit within each hoop and click on the Group icon. Repeat for each hoop.

## Multi-Hooping

- Select File> Save As and name the file, Finished Banner.
- In the dialog box that opens, select No to export everything in one file; then select File> Save As and name the file, Finished Banner Split. This time select Yes.
- The design will be split by the software. When the software is finished processing the design, click on Save All; then close the multi-hooping screen and close the design file.
- Select File> Open and navigate to the location of the saved split files. Open the first split file.
- If you look at Color Film, you will notice that the design is not going to stitch out efficiently because of the color changes.
- Select Arrange> Stitch Sequence. The software will re-sequence the design for you, looking at all overlaps of colors.
- Click Yes to accept how the software sequences the design. If you wish to have more control over the sequence, see more information in the Notes. Save the changes.
- Click on the Write to Machine icon and transfer the design to a USB stick or the machine of your choice.
- Repeat the re-sequencing, saving, and sending for each split file.



## Stitching the Design

- Select File> Print to print a template of the design for proper placement on your banner. Tape the printed template pages together.

## Notes

*Under normal circumstances, it is best to create a design in the way it would be stitched; however, it was created in this order so that the hoops could be placed without too much editing.*

*You can direct the Multi-Hooping feature of the software by grouping the objects you want to keep together in each of the hooping.*



*The long way to re-sequence: Select the design; then click Ungroup. Ungroup the rope and chains from the letters. Ungroup each of the grouped letters as well by selecting them in Color Film, right clicking, and selecting Ungroup.*

*Click on the second green color chip of the second letter and drag and drop it in the space below the first green color chip in Color Film. Repeat for each of the letters. Save the file.*

- Mark the center of the table runner. Match the center of the design with the center of your banner and pin the template on the table runner. Mark the first stitch of the design on your table runner which is the top of the first chain.
- Lightly mark a line that is parallel to the edge of the table runner. This line will help you align the table runner in the hoop so that it remains straight as it is embroidered.
- Hoop StabilStick TearAway in the hoop you chose for your project. If you are using the Jumbo Hoop, you can piece two pieces together so they overlap slightly. See Notes.



- At your machine, select the first design. Use Move Motif and the Stitch Length/ Stitch Width knobs to reposition the design to fit within the hoop so that the design fits within the hoop.



- Touch the Design Center icon to toggle to the first stitch of the design.
- Mark the needle position on the stabilizer by lowering the needle in the stabilizer; raise the needle; then remove the hoop from the machine.
- Match your first stitch mark on your table runner with the needle penetration on the stabilizer. Using the marked line, make sure to keep the edge of the banner parallel with the edge of the hoop. Use your machine hoop template to check that the template line is parallel to the marked line on the banner. Reposition the fabric if necessary.



- Activate a basting frame if possible on your machine. Embroider your first design. Remove the hoop.
- If you stitched a basting frame, remove it from the design.
- Carefully remove the stabilizer from the back of the banner, cutting around the reference marks that stitched at the end of the design.
- Hoop more stabilizer in your chosen hoop.
- Load the second design on the machine.



- Use the Move Motif icon to reposition the design to fit within the hoop if needed. Select OK.
- Deactivate the basting frame and stitch the reference marks on the stabilizer only.
- Remove the hoop from the machine.

## Notes

*Score a line using a ruler about 1" from the edge of a piece of StabilStick TearAway. Peel away the paper and adhere another piece of StabilStick over the peeled area. Press firmly to hold in place.*

*If you have the option of activating a basting frame around the design, the frame will help hold the fabric on the stabilizer.*

*For added security, mark the reference points with a fabric marker.*

*Use Virtual Positioning to check key alignment areas in the design.*

- Align the reference marks stitched at the end of the first design with those stitched at the beginning of the second design. Again, be sure to keep the marked line on the banner parallel to the edge of the hoop. Use the hoop template to check for accuracy and reposition the fabric if necessary.
- Place the hoop back on the machine.
- Before stitching color 2, activate the basting frame. Stitch the basting frame to hold the fabric to the stabilizer.
- By-pass the reference marks since they have already been stitched.
- Embroider the rest of the second design, including the reference marks at the end of the design.
- Remove the basting frame from the design if used.
- Carefully remove the banner from the hoop and remove the stabilizer from the back of the banner, cutting around the reference marks.
- Hoop more stabilizer and repeat the steps until all of the design is stitched.

## Notes



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