

Radiance 101 – Advanced Embroidery Project

Picture Play Fabric Frame

Getting Started

As you continue to play with all the fun Embroidery and IQ Designer features of your machine, you will quickly find how fun and easy they can be combined to create a project. The Radiance boast the Picture Play features which is amazing!!! Turning your photos into embroidery designs with a few clicks is crazy! This project allows you a way to showcase those Picture Play stitch outs into a fun fabric frame!



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Project Introduction

This advanced embroidery project is created using the Radiance and combines embroidery and IQ Designer together. Use a Picture Play creation or any other embroidery design to make something unique. Make this all in the hoop with the help of IQ Designer!

Supplies Needed

- Baby Lock Radiance
- 11 5/8" X 18 1/4:" Embroidery Hoop & 10 5/8" X 10 5/8" Embroidery Hoop
 - Baby Lock Magnetic 8" X 12" or 10" X 10" hoop could also be used for this project with resizing of design.
 - The Magnetic Hoops are a great option for the Picture Play stitch out for this project.
- W Foot (Embroidery foot)

Notions

- Embroidery Thread and Bobbins
- Embroidery needles
- Sulky Fuse N' Stitch or BLFF1510aby Lock Shape flex stabilizer for front and back stabilizer
- BLT 103 Tear-Away Firm Stabilizer or BLT102 -Stick Tear Stabilizer
- Fusing for the Picture Play and lighter weight fabrics includes:
 - BLT Ultra Soft Fusible, Pellon Shape Flex 101 Fusible stabilizer OR Fusible Fleece
- Temporary Adhesive Spray or fabric glue stick
- Iron and Pressing Mat
- Scissors, Rotary Cutter, and Cutting Mat
- Optional -Applique Scissors
- Pins or Wonder Clips
- General sewing supplies
- Optional – Tapestry Needle

Fabric - For this project we chose a home décor or canvas. You could also do this with felt or cotton fabrics that are interfaced to provide some structure! If you use a cotton, make sure to back it with a stabilizer/interfacing to help it keep it's shape for the picture frame

- 12" x 18 "Home Décor Canvas/Interfaced Cotton solid for front (we will be floating fabric for 10" X 13.5" frame shape)
- 14" x 14" Home Décor Canvas or stabilizer solid cotton for the center/Picture Play stitch out.
 - Cut fabric for the 10 5/8" X 10 5/8" hoop
 - Stabilize the fabric to ensure that the fabric can accommodate the density of the Picture Play image.
- 12" x 18" Home Décor Canvas/Interfaced Cotton print for back
- 1 yard Ribbon for Tie at the top.

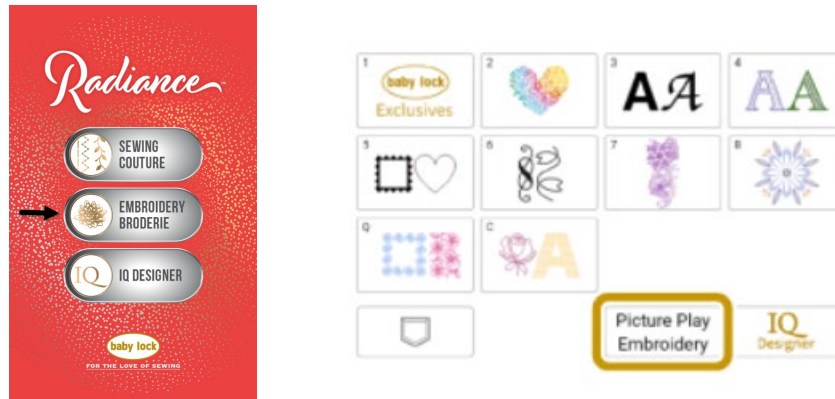
Picture Play Stitch Out

Preparation

1. For the picture pay, fuse your choice of fabric with one of the listed interfacing choices.
 - a. If your fabric has a lot of body to it you could possibly skip interfacing
2. Stabilize that fabric piece with either a Tear-away firm or use stick-tear stabilizer to help hold the fabric in place.
3. Using the 10 5/8" X 16" Hoop or magnetic hoop and hoop the fabric tear-away stabilizer.
4. Set hoop aside.

Creating the Picture Play design in Embroidery –

1. From the Home Screen, select **Embroidery**.

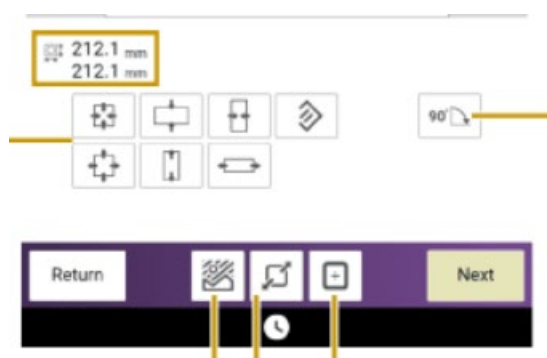


2. Select **Picture Play Embroidery**.
3. For the steps of Picture Play, remember to refer to the recording from the Advanced Embroidery class and/or the owner's manual.
4. Image data file formats include .jpg, .png and .bmp. (no .jpeg)
5. Image files must be less than 6MB and 16 million pixels or less.
 - a. Refer to the Manual Specifications if need to confirm that information.
6. As discussed in class, not all images will work well with Picture Play
 - a. You may also need to edit images.
 - b. Using an image captured on a computer may not yield good results.
 - c. A picture of a picture may also not be a great option
 - d. Garbage in.... garbage out!
7. Import the image using a USB or transferring wirelessly via the IQ Positioning App.

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8. Select the image to be retrieved, and then touch **Set**.
9. Check the embroidery pattern size and adjust it.
 - a. For this project we are wanting to keep this to a 5" X 7" frame size
10. Change the size of the image data file.



11. You also have the option on this screen to:
 - a. Rotate the image 90 degrees
 - b. Change the size to fit the embroidery frame size
 - c. Frame an area of the image
 - d. Remove the background.
 - e. Note that the image framing function and the background removal cannot be used at the same time.
12. Once the picture is edited, touch **NEXT**.
13. Choose the Conversion Method for your image.
14. To start, chose the **Original** option for Conversion.
15. The option at the bottom center  allows you to adjust the amount of emphasis applied to the outline of the image, the image brightness, contrast and saturation of the image.
16. Touch **NEXT**.
17. Once it processes, select the appropriate thread colors and density.
18. If desired, return back and use of the Built-In (AI) Styles
19. For these styles, you can swipe the box to the selected style.
20. Choose to keep the color of your image or the style color palette using this icon .
21. Once adjsted all the thread colors and density, you can Save the design to Memory.

22. Then touch Preview.
23. A message will appear noting that it will convert to and embroidery pattern and Picture Play will be exited. Touch OK to convert the pattern in the embroidery editing screens.
24. Again, since the converted embroidery pattern has high thread density, it may shrink when it is embroidered. Hoop the fabric firmly secured in the embroidery frame before embroidering.
25. For Picture Play embroidery, it is recommended use the optional magnetic frms, which offer more strength for holding fabric taut.
26. Once stitched, set aside.

Fabric Frame Design Creation

Preparation

1. For the top of the fabric frame, use a solid canvas fused with the one of the stabilizer options.
2. Using the 11 5/8" X 18 1/4" Hoop, hoop the tear-away stabilizer.
3. The canvas will float on the stabilizer and be held in place using the basting stitch.
4. Spray temporary adhesive to the stabilizer if needed.
5. Set hoop aside.
6. For the back of the fabric frame, stabilize that fabric piece with one of the recommended stabilizers
7. This will be attached during the stitch out of the design.

Creating an In-the-hoop project:

To create the fabric frame as an in-the hoop project, we are going to think in layers, much like an applique: We will be doing this as a reverse applique so that the Picture Play stitch out is tacked down first prior to putting the frame fabric on top.

- Layer 1- Placement/Tack down for the Picture Play stitch out. –
 - i. Oval Center Placement/Tack
- Layer 2- Placement/Tack down for the frame top fabric
- Layer 3 – Decorative Fill (at one % size)
- Layer 4 – Decorative Fill (at second % size)
- Layer 5 – Oval Cut Line for Reverse Applique
- Layer 6 – Oval Decorative Stitch
- Layer 7 – ADD Yarn Couching
 - i. Since Yarn Couching can't be combined with other designs, we will need to stop the combined design.
 - ii. Bring in the Couching Design.
 - iii. Scan the hoop for placement.
 - iv. Set-up for Yarn Couching and stitch out the design.
 - v. Once completed, switch back to regular embroidery.
 - vi. Retrieve the saved layered design and advance to the next step.
- Layer 8 – Tack down for the bottom fabric

- Layer 9 – Border Satin Stitch
- Layer 10 – Large Buttonholes

Having the base shapes created and saved is going to help us as we go back and forth into IQ Designer.

Creating the Picture Play design in Embroidery –

1. Touch the Home key  at the top of the screen.

2. Touch **IQ Designer** on the Home page.



3. The IQ main page will open.

4. Select the Shape/Stamp Tool .

5. Select the **Original Shapes Tab** and select the **Frame Shape 04**  in the first line

6. Touch **OK**.

7. Resize the Shape to be approximately 13.50" x 10.00" inches.

8. Touch **All Clear**.

9. Select the Shape/Stamp Tool .

10. Select the **Original Shapes Tab** and select the **Circle Shape 10**  the third line

11. Touch **OK**.

12. Resize the Shape to be approximately 6.59" x 4.75" inches.

- This is based off the picture play design being set to the 5x7 hoop with or without oval framing

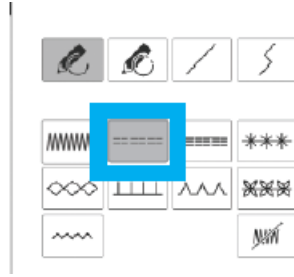
13. Touch Memory  to Save the design.

14. Now we have the oval as the shape on the main IQ Design page.

15. Select the line drawing tool and select the line properties



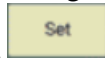
16. Select the run stitch and a color, if desired. Touch OK.



17. Select the fill cup for the Line Properties and apply the run stitch to the outline.

18. Touch **Next**.

19. The stitch settings used will be the default settings, except to turn OFF the Under sewing.



20. Touch **Set**.

OK

21. Touch **OK** to transfer the design over to Embroidery

22. The design will be placed on the Embroidery Editing Page.

23. Touch to open the **Edit Menu**.



24. **Duplicate** and **Center** the Oval outline.

- This will be both steps of our **Layer 1**.

25. Touch **Add**.



26. Select **IQ Designer**.

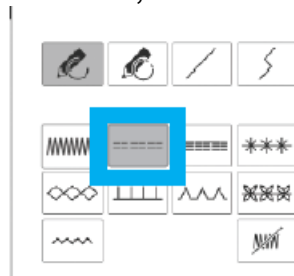


27. Touch Memory to recall the saved **Frame** shape.



28. Select the Line Properties

29. Select the run stitch and a color, if desired. Touch OK.



30. Select the fill cup

for the Line Properties and apply the run stitch to the outline.

31. Touch **Next**.

32. The stitch settings used will be the default settings. Again, do change the Under sewing to OFF.

33. Touch **Set.** 

34. Touch **OK** to transfer the design over to Embroidery 

35. **Duplicate**  and **Center** the Oval outline.
• This will be both steps of our **Layer 2.**

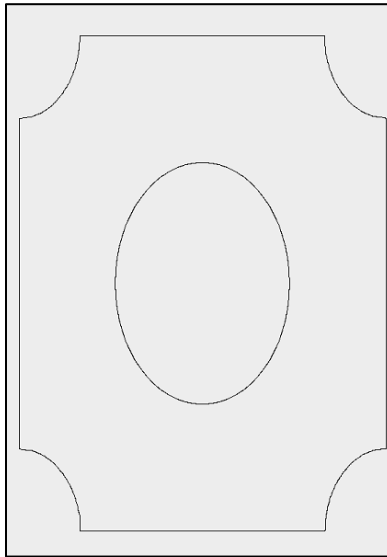
36. Touch **Add.**

37. Select **IQ Designer.** 

38. Touch **Memory** recall the saved **Frame** shape. 

39. Repeat and recall the saved Oval shape so you have both on the IQ Screen.

40. Touch **Memory** to SAVE the combined shape.



1. Select the **Line Properties** .

2. Select the **No-Sew Line**  and **Touch OK.**

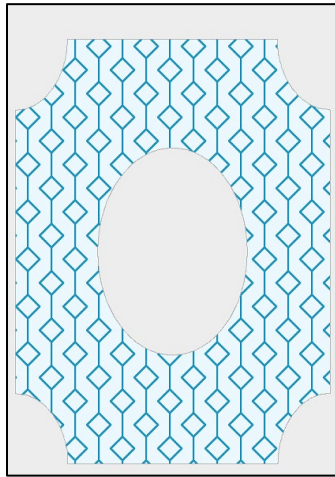
3. Using the **fill cup**  for the Line Properties, apply the No-Sew line to the outline and the oval.

4. Select the **Region Fill**



5. From the **Decorative Fills**, select fill 042.
6. Chose a color and touch OK.

7. Using the **fill cup**  for the Region Properties, apply the decorative fill to the area between the frame and the oval.



8. Touch **Memory** to save the artwork.
9. Touch **Next**.
10. Adjust the **Region Fill for this layer to be 200%**.
 - This will be **Layer 3**.

11. Touch **Set**.
12. Touch **Add**.
13. Select **IQ Designer**.

14. Touch **Memory recall**  to retrieve the saved shape and oval **with fill**.

15. Touch **Next**.

16. To change the color of the fill, touch the Region fill at the top of the page. 

17. Select a different color and touch **OK**.

18. Adjust the Region Fill for this layer to be **100%**.

- This will be **Layer 4**.

19. Touch **Set**.
20. Touch **Add**.
21. Select **IQ Designer**.



22. Touch **Memory recall** retrieve the saved shape and oval (outline only)

23. Open the **Line Properties** and select the **Run Stitch** and a color.



24. Using the fill cup for the Line Properties, apply the **No-Sew** line to the outline and the run stitch to the center oval.

25. Touch **Next**.

26. Leave the stitch at the default settings. Turn the under sewing OFF.

27. NOTE: You could also just copy and paste the first step of the embroidery design in Embroidery Edit rather than having to come back into IQ for this step.

28. Touch **Set**

- This will be **Layer 5** and will provide a cut line for the reverse applique

29. Touch **Add**.

30. Select **IQ Designer**.

31. Touch **Memory recall** to retrieve the saved shape and oval.

32. Open the **Line Properties** and select the **Candle wicking** and a color.



33. Using the fill cup for the Line Properties, apply the No-Sew line to the outline and the candle wicking to the oval.

34. Touch **Next**.

35. Change the Candle wicking stitch to the **.40" or 10 mm**

- This will create **Layer 6**.

36. Touch **Set**.

37. Touch **Add**.

38. **At this point we will continue to create the rest of the steps SKIPPING over Layer 7.**

39. **This will be the YARN COUCHING STEP if you decide to add that.**

- – ADD Yarn Couching
- Since Yarn Couching can't be combined with other designs, we will need to stop the combined design.
- Bring in the Couching Design.
- Scan the hoop for placement.
- Set-up for Yarn Couching and stitch out the design.
- Once completed, switch back to regular embroidery.
- Retrieve the saved layered design and advance to the next step.

40. Select **IQ Designer**.

41. Touch **Memory recall** to retrieve the saved shape frame shape ONLY.



42. Select the **Line Properties**

43. Select the **Run Stitch** and a color. Touch OK



FOR THE LOVE OF SEWING

44. Using the **fill cup**  for the Line Properties, apply the Run Stitch to the outline.

45. Touch **Next**.

46. Leave at the default setting.

47. Touch **Set. OK**.

- This will become **Layer 8**.

48. NOTE: You could also just copy and paste the first step of the embroidery design in Embroidery Edit rather than having to come back into IQ for this step.

49. Touch **Add**.

50. Select **IQ Designer**.

51. Touch **Memory recall** to retrieve the saved Frame Shape only.

52. Select the **Line Properties**



53. Select the **Satin Stitch** and a color. Touch OK

54. Using the **fill cup**



for the Line Properties, apply the Satin Stitch to the outline.

55. Touch **Next**.

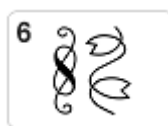
56. Adjust the Satin Stitch to the **.24 inches or 6mm and the Density to 110%**.

57. Touch **Set**.

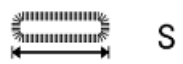
- This will become **Layer 9**.

58. Touch **Add**.

59. Select the **Decorative Stitch/Button Hole Key**



60. Chose a buttonhole in the **Small(3)Size**.



61. Touch **Set**.

62. Place the buttonhole at the top left of the door décor.

63. Touch **Edit**.

64. **Duplicate**  the design

65. Align the other buttonhole at the top right of the door décor. Use the Zoom and Move keys to align the buttonholes.

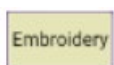
- These two designs will create **Layer 10**.

66. Touch **Memory**



to save the design

67. Touch **Embroidery**.



Layout

68. Select **Layout**

69. Thread the machine with the embroidery thread.

70. Lower the foot and press the **Start/Stop** button to begin embroidery.

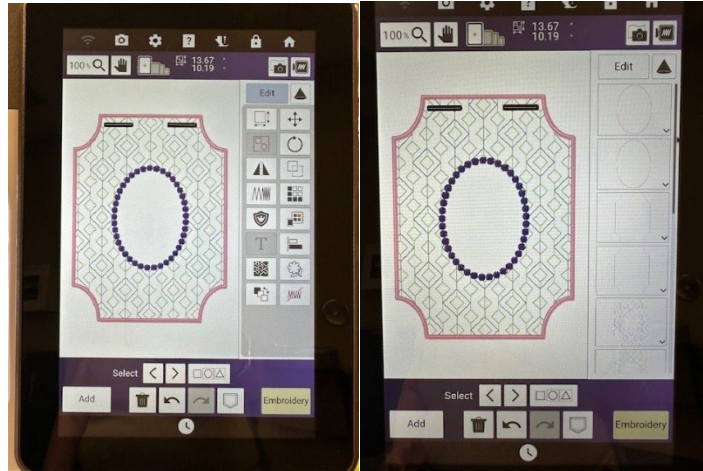
71. Following the steps used in creating the design, there will be additions of fabric to create this in-the-hoop design

- Layer 1- Placement/Tack down for the Picture Play stitch out. –
 - i. Oval Center Placement/Tack –
 - ii. **Trim excess fabric to avoid thick areas when stitching decorative fills.**
- Layer 2- Placement/Tack down for the frame top fabric
- Layer 3 – Decorative Fill (at one % size)
- Layer 4 – Decorative Fill (at second % size)
 - i. **Trim top fabric at this time**
- Layer 5 – Oval Cut Line for Reverse Applique
 - i. **Trim top fabric in the oval area to expose the Picture Play fabric.**
- Layer 6 – Oval Decorative Stitch
- **PAUSE**
- Layer 7 – ADD Yarn Couching
 - i. Since Yarn Couching can't be combined with other designs, we will need to stop the combined design.
 - ii. Bring in the Couching Design #28

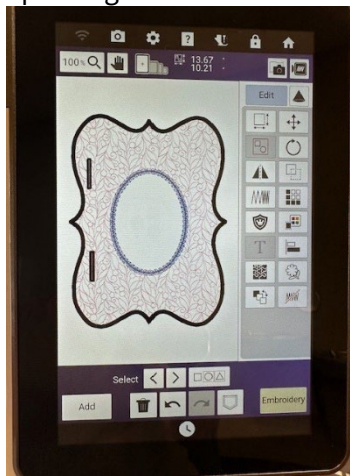


- iii. Scan the hoop for placement.
 - iv. Rotate/Resize/Duplicate the design to put at the top and bottom of the oval center.
 - v. Set-up for Yarn Couching and stitch out the design.
 - vi. Once completed, switch back to regular embroidery.
 - vii. Retrieve the saved layered design and advance to the next step.
- **RECALL DESIGN AND ADVANCE TO THIS STEP!**
- Layer 8 – Tack down for the bottom fabric
 - i. Use tape or pins to hold this in place.
 - ii. Trim the excess fabric once completed.
- Layer 9 – Border Satin Stitch
- Layer 10 – Large Buttonholes

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72. Try different IQ shapes and orientation if you have a landscape portrait image. Use one layer of a fill as well to get a different look. Move the buttonholes to the appropriate spot to orientate for a landscape image.



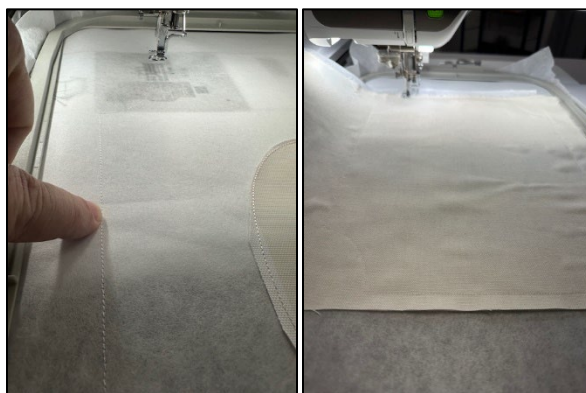
73. Once the design is finished sewing, remove the hoop from the machine and trim the excess tear-away stabilizer.
74. Cut open the buttonholes
75. Weave the ribbon through the buttonholes from the back of the frame.
76. If desired, you could stitch ribbon to hold in place.
77. Tie ribbon to create a hanger for the fabric frame.

Layer 1 – Placement & Tackdown for Picture Play Embroidery

Place, Tack down and Trim excess



Layer 2 -Placement and Tack down for the Frame Front



Layer 3 – Decorative Fill – Layer at 200%



Layer 4 – Decorative Fill – Layer at 100%



Layer 5 – Center Oval Stitch for Reverse Applique

Trim the center oval fabric. Do not cut into the Picture Play Fabric.



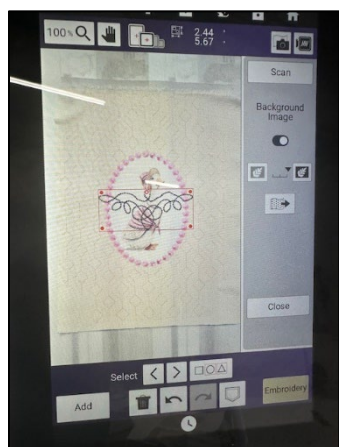
Layer 6 – Oval Decorative Stitch

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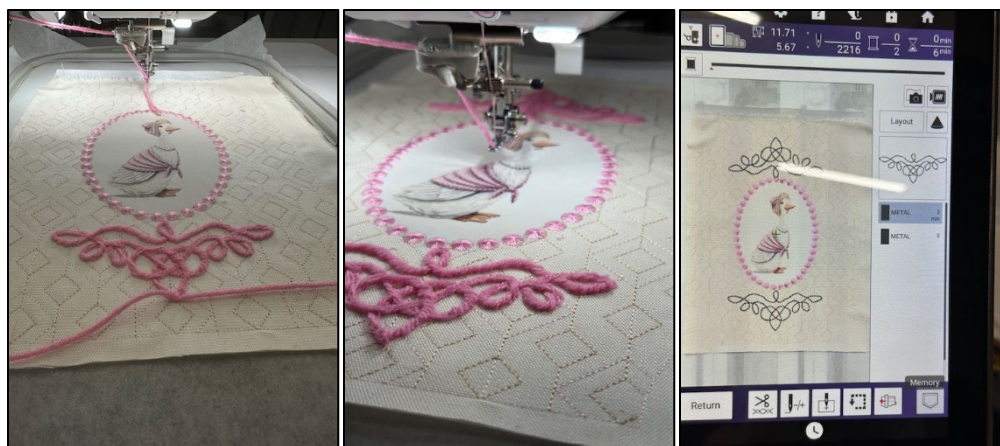


PAUSE and set-up for Yarn Couching

Layer 7 – Adding Yarn Couching Designs



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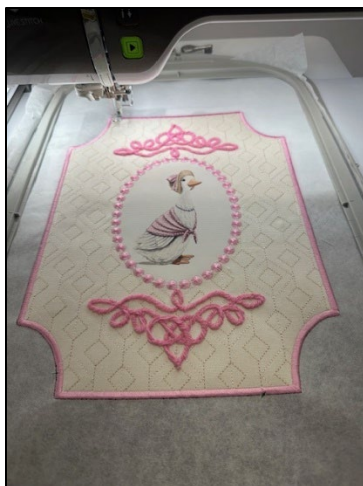
Layer 8 – Set back up for Embroidery - Attach the Back Fabric.

Pin to back, stitch and trim excess from front and back.



Layer 9 – Stitch the outer Edge of the banner.

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Layer 10 – Stitch Buttonholes

Remove from hoop, tear-away stabilizer, cut open buttonholes and insert ribbon for hanger

