

ellegante

Owner's Instruction Course



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A Note to the Instructor - Our Baby Lock Ellegante Instruction Guide Class is designed to be used in conjunction with the Instruction and Reference Guide and Quick Start Guide. For more information refer to pages noted from the instruction book. We've also added some professional tips. Use this information to guide you through basic and advanced techniques and to maximize your success as you learn to use the Baby Lock Ellegante. Please note that the Baby Lock Ellegante will be referred to as "BLG" throughout this guide class.

Introduction

- I. **Overview of the Ellegante - Instruction Book pg. 1**
Review parts of the machine and their functions.

- A. Baby Lock Exclusive LCD Protection System - Instruction Book pg. 7
The LCD Protective Cover protects the LCD screen from dust and fingerprints. To remove it, press down on the latch at the top of the cover and pull it towards you.

- B. LCD Color Touch Screen
The LCD Screen measures (81 mm x 212 mm or 3 1/16" x 8 3/8") and is 10% larger than that of the Baby Lock Ellageo which measures (195 mm X 75 mm or 2 15/16" x 7 5/8").

- C. LED (Luminous Electronic Display) - Lights Built-in
There are 4 built-in LED lights on the BLG. Two are located above the needle and two are located in the work area of the BLG. Either set can be turned on or off at anytime!

Pro Tip - The LED lights on the BLG will never get hot, and will deliver up to 10,000 hours of service before they need to be replaced!

- D. Accessory Storage Case
There are two built in accessory storage locations. Open the front accessory storage to view the location of the presser feet and other accessories. Open the back accessory storage to view extra bobbins and added space for other accessories. The accessory storage case slides off to convert the BLG to a free arm machine.

- E. New Foot Control
The BLG has a new-style foot control, equipped with retractable cord.

- F. Embroidery Card Slot
Insert preprogrammed embroidery cards.

- G. USB Port Connection for Media
Send embroidery designs to and from USB media. Plug the USB media directly into the USB port connector. Included with the BLG are a USB 32mg flash drive and an external floppy drive. (*Show the external floppy and flash drives included with the BLG.*)

Pro Tip - You can store up to approximately 500,000 stitches on a floppy disk and approximately 16,000,000 stitches on a 32 megabyte USB Flash drive. That means it would take approximately 32 floppy disks to store what you could on a 32 mg flash drive. Baby Lock makes sure you can use existing technology now and guides you to new and easier ways to store embroidery designs.

- H. USB Port Connector for Computer
Import and export designs directly to and from the computer.
- I. Operation Buttons - Instruction Book pg. 3
Review the operation buttons located on the front of the machine
- J. Presser Foot Lifter Button
Press this button to raise and lower the presser foot.
- K. Electronic Hands Free Presser Foot Lifter
The electronic hands-free presser foot lifter is conveniently located at knee level for easy access. Use it to raise and lower the presser foot leaving your hands free to guide the fabric.

Pro Tip - The electronic hands free presser foot lifter will only activate when the machine is stopped. If you should happen to lean on it while sewing the proper tension will be maintained on your stitching.


- L. Manual Presser Foot Lifter
The presser foot can be raised up to 13mm (1/2") using the manual presser foot lifter.
- II. **Review accessories included with the BLG - Instruction Book pgs. 4-5**
- III. **Utility screen key functions - Instruction Book pgs. 11-13**
Review key functions of the utility screen. After turning on the machine and touching the LCD screen, you will automatically be taken to the Utility screen and the straight stitch, left needle position, #1-01 will be selected. *(Make sure the utility tab is highlighted.)*


Pro Tip - The following resources are available to assist you with using the the BLG:


✂ Instruction Book

✂ Quick Reference Guide

✂ Presser Foot Selection and Fabric and Needle Charts located under the top cover

✂ Touch  for help with selecting the appropriate stitch for your project.

Touch  for an explanation of the selected stitch.






✂ Touch  for explanations on upper threading, winding the bobbin, changing the presser feet and other machine settings.

IV. Winding a bobbin - Instruction Book pgs. 21-25

1 - Spool of 100% Polyester Thread

1 - Bobbin

View the built-in video on bobbin winding:

Touch  and then  and . Touch  to view a video of how to wind a bobbin. After viewing the video touch  two times to exit.

Pro Tip - The BLG uses class 15 bobbins!

Wind a Bobbin:

1. Raise the supplemental spool pin.
2. Place the thread and spool holder on the spool pin and follow the threading path for winding a bobbin.
3. Place the bobbin on the bobbin winder and wind the thread around the bobbin clockwise 4-5 times. Pull the thread to the right through the cutter.
4. Set the bobbin holder to the left. Thread will automatically begin winding onto the bobbin.
5. When the bobbin is full winding will automatically stop. Cut the thread with the cutter and remove the bobbin.

V. Setting the Bobbin - Instruction Book pgs 24-25






Place the bobbin in the bobbin case so that it unwinds to the left. Refer to the printed illustration on the machine.

1. Guide the thread along the path and cut.

VI. Threading the Machine - On-request Threading - Instruction Book pgs. 27-28



1 - Spool of 100% Polyester Thread

View the built-in video on threading the BLG:


Touch  and  and then . Touch  to view the video of on-request threading. After viewing the video touch  twice to exit.

1. Place the thread on the front spool pin and slide the spool cap on the spool pin leaving a little room between the spool cap and the spool of thread so that the thread can easily flow off of the spool.
2. Thread the machine, following the numbered thread path using guides 1, 2 and 3.
3. Touch the **Automatic Threading** button to thread the top of the machine and the eye of the needle.

IV. Threading the Machine – Manual Threading - **Instruction Book pgs 29-32**

1. Align the line on the hand wheel with the casing seam-line on the machine.
2. Touch the **Presser Foot Lifter** button to raise the presser foot.
3. Touch  at the lower right hand corner of the LCD screen.
4. Guide the thread around the thread guide plate and along the numbered thread path through number 2. Continue straight down and around the check spring, back up, and through the take up lever and then back down.
5. Touch **“OK”** to automatically lower the presser foot.
6. Guide the thread through the two thread guides above the needle.
7. Thread the eye of the needle manually from front to back.
8. Touch  to re-activate all the buttons and keys on the BLG.

V. Machine Settings - **Instruction Book pgs 14-15**

Touch . Note the three tabs at the top of the screen for three categories of settings, **Sewing, General and Embroidery**. Press the **General tab**. Review settings options on page 2.

Touch the **Sewing** tab and review settings options on page 1.

How to upgrade the BLG:

Free upgrades for the BLG are available on the Baby Lock website, www.babylock.com. Click on **“Downloads”, and “Ellegante Software Update”**.

1 - BL 32mg flash drive downloaded with the most recent BLG Software Update.


1. Turn the power off.
2. Plug the flash drive into the USB port of the machine.
3. While pressing the **Automatic Threading** button, turn the power on.
4. Select the **USB** button and follow the prompts on the screen. Explain how you can also upgrade via a direct connection to the computer using the USB cable included with the BLG.
5. Turn the machine off and back on again. Touch anywhere on the LCD screen.

Pro Tip – Downloading the most current software updates will ensure the most up-to-date and efficient operation of your BLG.

Utility Sewing

There are five categories of utility stitches. To select a category, simply touch the tab.

Instruction Book pgs. 50-51


- ⌘ Straight/Overcasting/Quilting Stitches 
- ⌘ Decorative Stitches 
- ⌘ Heirloom Stitches 
- ⌘ Buttonholes/Bar Tacks 
- ⌘ Multi-directional Sewing 

I. Straight Stitch

S: #1-01

F: 1 - 9" x 12" Cotton/Linen Blend

PF: Zig Zag Foot "J"

1. Straight Stitch 1-01, left needle position is automatically selected. Touch  .
Activating this key will automatically highlight the **Automatic Reinforcement Stitch Key** located above.
2. Note seam guide markings on the throat plate in both inches and centimeters.
3. Fold fabric in half and sew a 5/8" seam by aligning the raw edges of the fabric with the 5/8" marking on the throat plate.
4. Touch the **Presser Foot Lifter** button to raise and lower the presser foot and begin sewing. When approaching the end of the seam touch the **Reverse** button once to reactivate the locking stitch and to activate the thread cutter.

(Discuss the differences between straight stitches #1-01, #1-02, #1-03, and #1-04.)

Straight Stitch Guide	Reinforcement Stitch
1-01 - Straight Stitch Left Needle Position	Reinforcement Stitch is sewn in forward/reverse
1-02 - Straight Stitch Left Needle Position	Reinforcement Stitch is sewn in place
1-03 - Straight Stitch Center Needle Position	Reinforcement Stitch is sewn in forward/reverse
1-04 - Straight Stitch Center Needle Position	Reinforcement Stitch is sewn in place

A. Adjusting the Stitch Length and Width - **Instruction Book pg. 44**

1. Simply touch the + or - symbol to adjust the length of the stitch.

B. Adjusting Upper Thread Tension - **Instruction Book pg. 45**








1. Tension can easily be adjusted by touching the + and - symbols. By touching the -, the thread tension will be decreased or become weaker. By touching the +, the thread tension will be increased or become stronger.

II. Needle Positions - Instruction Book pg. 72

S: #1-09 Zig Zag Stitch

F: Fabric from previous exercise.

PF: Zig Zag Foot "J"

1. Touch . Program the needle to stop in the up or down position by touching .
2. Touch  WIDTH CONTROL  to turn on the width control. Adjust the position of the needle by sliding the lever to the left and right.
3. Place the fabric under the needle and begin sewing. For narrow stitches, slide the lever to the left. For wider stitches, slide the lever to the right.
4. Touch  and then  WIDTH CONTROL  to turn **off** the width control.

Pro Tip - The "Width Display" keys can also be used to adjust the position of the needle. Touch "-" to move the needle to the left and "+" to move the needle to the right.

III. Seaming Knit Fabric

S: #1-06 Stem Stitch

F: 2 - 4" x 6" Interlock Knit

PF: Zig Zag Foot "J"

1. Select the stem stitch. Sew a seam on the interlock knit. This stitch produces a durable stretch stitch for seaming light to medium weight knit fabrics.

IV. Appliqué - Instruction Book pgs. 62 and 75

S: #1-09 Zig Zag Stitch

Other stitch options for appliqué:

#1-10 Zig Zag Stitch - Left Needle Position

#1-11 Zig Zag Stitch - Right Needle Position

#1-33 Quilting Appliqué Stitch

#2-03 Blanket Stitch

F: 1 - 6" x 6" Firm Woven

1 - 4" x 4" Printed Cotton Fabric

1 - 4" x 4" Trans Web, fused to cotton fabric

1 - 6" x 6" Tear Away Stabilizer

PF: Zig Zag Foot "J"

T: Thread from previous exercise.

N: Needle from previous exercise.

1. Remove trans web release paper and fuse appliqué to base fabric. For smooth even stitching back the fabric with a tear away stabilizer.
2. Select the zig zag stitch and set the stitch length to 1.0, and the width to 1.0. Align the fabric so that the right swing of the needle falls over the edge of the appliqué. Sew around the entire edge of the appliqué, gently guiding the fabric.
3. Change the stitch length to 0.3 – 0.4, and the width to 1.5 – 3.0. Sew around the edges over the previous stitching with the right swing of the needle just over the edge of the appliqué.

A. Guiding Outside Corners

Sew all the way to the appliqué corner. Stop with the needle down on the right swing of the zig zag stitch. Using the knee lifter, raise the presser foot, pivot fabric, lower the foot and continue sewing.

B. Guiding Inside Corners

Sew a few stitches beyond the corner. Stop with the needle down on the left swing of the zigzag. Using the knee lifter, raise the presser foot, pivot fabric, lower the presser foot and continue sewing.

C. Guiding Around Curved Areas

Stop the machine periodically with the needle in the down position. Use the knee lifter to raise the presser foot and slightly reposition the fabric.

Pro Tip – When sewing zig zag stitches that are closer together. Use the N foot. The groove on the underside will glide over the thicker stitches and decorative threads.

V. Overcasting



S: #1-20 Overcasting Stitch

F: 1 – 3" x 6" rib knit fabric

1 – 6" x 6" cotton knit

PF: Overcasting Foot "G"

Changing Presser Feet – Instruction Book pgs. 34-35

1. Touch . This key will lock the screen and button functions.
2. Press **OK** to lower the presser foot.
3. Raise the presser foot using the manual lever.
4. Press button to release the presser foot.
5. Remove the presser foot.
6. Place the desired presser foot under the presser foot holder.
7. Using the manual lever, lower the presser foot holder to snap-on the desired foot.
8. Touch  again to unlock the machine.

Pro Tip - The BLG is a low shank sewing machine.

Sewing the Overcasting stitch

1. Select the Overcasting stitch 1-20.
2. Change to presser foot "G".
3. Cut out a neckline on the cotton knit.
4. Fold the rib knit in half lengthwise. Line the cut edges of the ribbing and the neckline evenly.
5. Align the fabric edges with the guide of the foot and sew.
6. Line up the fabric on the guide of the foot and sew.

There are several combinations of fabric and stitches that can be used with this foot. Touch



and  for more information.

VI. Quilting - Instruction Book pgs. 69-73

Review stitches designed for quilting. (Instruction Book pg. 69)

Quilting Stitches - Utility Page 2

Stitches marked with a "Q" are for quilting.

Stitches marked with a "P" are for piecing.




Stitches marked with an "S" are for an optional side cutter accessory.

A. Sewing a 1/4" seam using the right side of the presser foot:

S: #1-30

F: 2 - 6" x 6" cotton

PF: Zig Zag Foot "J"

1. Select stitch #1-30. Change to presser foot "J". Align the edges of fabric with the right-hand side of the presser foot.
2. Select your favorite stitch length for piecing. Touch .
3. Touch . Show how 5 custom settings can be saved for each utility stitch.
Instruction Book pgs. 52-53
4. Select one of the stitches in memory and press **Retrieve** and **Close**. This stitch will now be selected on the **Utility** screen.
5. Touch  to view the machine's default setting.

B. Sewing a 1/4" seam using the left side of the presser foot:

S: #1-32
F: same fabric from above exercise
PF: Zig Zag Foot "J"

1. Select the piecing stitch #1-32. Align the edges of fabric with the left side of the presser foot.

C. Machine Quilting with the Walking Foot

S: #1-31, Straight Stitch (center needle), and #1-33, Hand-look Quilting
F: 2 - 8" x 8" Cotton, 1 - 8" X 8" Batting
1 - Water Soluble Fabric Marker
PF: Walking Foot
T: Top Thread - Monofilament Thread (for stitch 1-33)
Bobbin Thread - 50 or 60wt cotton thread (for stitch 1-33)
N: Quilting 11/75

1. Attach walking foot to the machine. **Instruction Book pg. 35**
2. With right sides of fabric to the outside, sandwich the batting between the two pieces of the cotton fabric. Baste (**stitch #1-08**) fabric layers and batting together at intervals to prevent shifting.
3. Mark quilting lines 1" apart. Place fabric sandwich under the foot, centering needle on the first line. Sew using the line as a guide. Sew along each line to complete quilting.
4. An alternative decorative stitch for quilting is stitch #1-33. This decorative stitch adds a hand-stitched look to quilting.

Pro Tip - The walking foot will prevent the fabric layers from shifting during the quilting process.

D. Free Motion Quilting

S: #1-04 Straight Stitch (Middle)
F: 2 - 10" x 10" Cotton
1 - 10" X 10" Batting
PF: Free Motion Quilting Foot
T: 100% Cotton or Cotton Covered Polyester
1 - Water Soluble Marker

1. Trace around the motif on the fabric using a water soluble marker. Lower the feed dogs. Baste or safety pin the layers of fabric and batting together. This will prevent the layers from shifting.
2. Bring the bobbin thread up by holding the top thread. Touch the **Needle Position** button twice. Take 3-4 stitches in place to lock the stitch. Begin sewing on one of the guidelines. Practice will make guiding the fabric easier.

Outline Quilting

Outline quilting emphasizes a motif on fabric. Stitching these motifs creates a quilted effect. Baste or safety pin the layers of fabric together, to prevent shifting. Draw an outline of the design a ¼" away from the edge. The line will follow the contours of the design. Place the fabric layers under the foot. Press the **Needle Position** button twice to bring up the bobbin thread. Take 3-4 stitches in place to secure the stitch. Begin sewing, following the marked lines.

Echo Quilting

Echo quilting echoes or ripples out from the emphasized motif. Draw the first guideline ¼" away from the motif, following the contours of the outline. Draw another line ¼" outside the previous line. Continue drawing guidelines ¼" outside the previous one until you have three lines. Baste or safety pin the layers of fabric and batting together to prevent shifting. Place the fabric "sandwich" under the needle. Press the **Needle Position** button twice to bring up the bobbin thread. Take 3-4 stitches in place to lock the stitch. Beginning on the inside guideline, stitch around the motif. Continue until all lines are sewn.

Meandering or Stippling

This technique works well for filling in background areas. This is the most relaxed, uninhibited, form of quilting. Baste or safety pin the layers of fabric together. Center the fabric under the foot. Work from the center of the fabric to the outer edges. Press the **Needle Position** button twice to bring the bobbin thread up. Take about 3-4 stitches in place to lock the stitch and begin sewing.

Pro Tip - Traditional stippling requires one continuous line of sewing without crossing over the stitch path. Feel free to cross over if you like, however. Remember the goal is to have fun! Practice this technique to achieve smooth and even curvy lines.

Straight Stitch Needle Plate - **Instruction Book pgs. 57-58**

A straight stitch needle plate is now included with the BLG. This needle plate is designed for use with the straight stitch, center needle position. If another stitch is selected, the machine will not sew, preventing damage to you and your machine. Use the straight stitch needle plate when sewing thin fabrics or when sewing small pieces which tend to sink into the hole of the regular need plate during sewing.


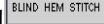
VII. Blind Hemming on Woven Fabric - Instruction Book pg. 74

S: #2-01 Blind Hem Stitch

F: 1 - 6" X 8" wool.

PF: Blind Hem Foot "R"



Touch  and . Select blind hem for woven fabrics #2-01. Illustrated on the screen are instructions on how to fold the fabric and sew a blind hem. Touch "Close" three times. The stitch will be selected.

1. Attach presser foot "R" to the machine.
2. Fold the wool for the blind hem technique.
3. Place the fold next to the guide on the presser foot and sew.
4. Use the stitch width key to position the needle so that it barely pierces the fold of the fabric. Touch the + key to move the needle further from the fabric and the - key to move the needle closer to the fabric.

VIII. Blind Hemming on Stretch Fabric - Instruction Book pg. 74

S: #2-02 Blind Hem Stitch Stretch

F: 1 - 6" x 8" Sweatshirt or Polar Fleece

PF: Blind Hem Foot "R"

1. Fold the knit for the blind hem technique. Place the fold next to the guide on the presser foot and sew. Use the stitch width keys to adjust the position of the needle. Touch the + key to move the needle further from the fabric and the - key to move the needle closer to the fabric.

IX. Elastic Casings

S: #2-07, Patchwork Stitch

F: 4"x10" Lightweight Woven
1 - 10" piece of 1/4" elastic

PF: Zig Zag Foot "J"

1. Here's an easy way to create casings for narrow elastics. Using the patchwork stitch, attach the narrow elastic directly to the wrong side of the fabric.
2. Place the fabric wrong side up under the foot. Insert the elastic through the front opening of the presser foot. Extend 1/2" of elastic behind the foot.
3. Begin sewing being careful not to stretch or stitch through the elastic. The patchwork stitch will encase the elastic. When sewing is complete, pull on the ends of the elastic until the desired amount of fullness is obtained.
4. Secure the ends with a straight stitch or allow them to be caught in an intersecting seam.

X. Shell Hem - Instruction Book pg. 76

S: #2-04, Shelltuck Stitch

F: 1 - 4" x 6" Tricot or Interlock Knit

PF: Zig Zag Foot "J"

1. This is wonderful hem finish for lingerie or sportswear. Adjust the stitch width to 4.0 and the stitch length to 4.0.
2. Press a 1" hem on the 6" edge of fabric. With the right side up, line up the fold of the fabric with the second guideline on the presser foot.
3. Sew the hem, allowing the right swing of the needle to fall off the edge of the fabric. On the wrong side trim fabric close to the stitching.

XI Heirloom Sewing - Instruction Book pgs 80-81

Pro Tip - When sewing heirloom stitches, a more attractive finish can be obtained by using a 130/705H wing needle. The wing needle has a flange on either side that pushes the fabric fiber aside creating a hole that is encased with stitches. Manual threading is required when using the wing needle.

A. Attaching Lace with a Parisian Stitch

S: S - #3-04 Hemstitching

SL: 2.0

F: 1 - 6" x 6" Linen/Cotton Blend
1 - 6" of ½" Wide Lace Edging

T: 1 - Spool of 60 wt. Metrosene Thread, top and bobbin thread

N: 1 - Wing Needle #100/16

PF: Monogramming Foot "N"

1. Place flat side of lace ½" in from the raw edge of the fabric. Place the fabric and lace under the presser foot aligning the heading of the lace with the center of the presser foot. Begin sewing, following the straight edge of the lace. The horizontal stitches will catch the body of the lace.
2. Trim excess fabric from the underside to expose the lace.

B. Entredeux Stitch

S: S - #3-08 Hemstitching

SW: 4.0

SL: 2.5

F: 1 - 6" x 6" Linen/Cotton Blend

T: 1 - Spool of 60 wt. Metrosene Thread, top and bobbin thread

N: 1 - Wing Needle #100/16

PF: Monogramming Foot "N"

1. Entredeux is a French term meaning between the two. It is a great stitch for joining laces and achieving the French hand sewn look. Sew a row of this stitch.

C. Attaching Ribbon

S: S - #3-20 Hemstitching

SW: 7.0

SL: 3.0 - 3.5

F: 1 - 6" x 6" Linen/Cotton Blend
1 - 10" piece of 1/8" ribbon

T: 1 - Spool of 60 wt. Metrosene Thread, top and bobbin thread

N: 1 - Wing Needle #100/16

PF: Monogramming Foot "N"

1. Insert the ribbon through the front opening of the presser foot, extending 1" of it behind the foot.
2. Place the fabric right side up under the foot.
3. Begin sewing being careful not to stitch through the ribbon.
4. Secure the ends with a straight stitch or allow them to be caught in the intersecting seam.




XXII. Buttonholes, Bar tacks, Darning and Sewing on Buttons

Instruction Book pgs. 82-93

S: #4-01 - 4-15 Buttonholes


F: 2 - 6" x 8" Wool
2 - 6" x 8" Knit
2 - 6" x 8" Tear Away Stabilizer
1 - Button

PF: Buttonhole Foot "A"

1. Select buttonhole stitch #4-07. Touch  and  for detailed information about this buttonhole stitch.
2. Remove buttonhole foot "A" from the accessory compartment. Pull out the sizing gauge on the back of the foot. Insert a button and push sizing gauge until the button is held firm. Change to presser foot "A". Pull the buttonhole tab down on the left hand side of the machine.
3. Place stabilizer underneath the fabric. Fold fabric and stabilizer in half and place fabric under the foot. Touch  and begin sewing. Sew a sample of each buttonhole style.

A. Corded Buttonholes – **Instruction Book pg. 85**

S: #4-10 – 4-11 Buttonholes
F: 1 – 6" x 8" Knit
1 – 6" x 8" Tear Away Stabilizer
1 – Button
2 – 10" pieces of Gimp Cord
PF: Buttonhole Foot "A"

1. Remove buttonhole foot "A" from the accessories. Pull out the sizing gauge on the back of the foot. Insert a button and push sizing gauge until the button is held firm. Change to presser foot "A" and then pull the buttonhole tab down on the left hand side of the machine.
2. Select the buttonhole stitch. Place stabilizer underneath the fabric. Fold fabric and stabilizer in half and place fabric under the foot. Place fabric under the foot. Loop the gimp cord around the guide on the back of the foot, and continue guiding it underneath the foot. Place the ends of the cord into the grooves in the front of the foot and temporarily tie it in place.
3. Touch  and begin sewing.
4. When the buttonhole is completed, pull the gimp thread and trim away the excess gimp thread.

B. Four-step buttonhole – **Instruction Book pgs 86-87**

S: #4-16 – 4-19 four-step buttonhole
F: 1 – 6" x 8" Denim
PF: Monogramming Foot "N"

Pro Tip – Four step buttonholes are a good option for oversized buttons and home decorating projects. Refer to the Instruction Book for more information.

C. Bar Tack – **Instruction Book pgs. 90-91**

S: #4-22
F: 2 – 4" x 6" Denim or other heavy weight fabric
PF: Buttonhole Foot "A"

1. Place the fabric under the presser foot and sew until the bar tack is complete.
2. Change the size of the bar tack by adjusting the sizing gauge on the buttonhole foot. Width and length of the bar tack stitch is also adjustable.

D. Darning - Instruction Book pgs. 88-89

S: #4-20, #4-21

F: Fabric from previous exercise.

PF: Buttonhole Foot "A"

1. Cut a small tear in the top layer of the denim. Place the fabric underneath the foot with the majority of the tear towards the back. Begin sewing and sew until the tear is mended.
2. The machine will sew from the beginning of the tear to the end, moving front to back. Change the length of the stitch by adjusting the sizing gauge on the buttonhole foot. The width and length of the darning stitch can also be adjusted.
3. Sew samples of darning stitches #4-20 and #4-21. Stitch #4-21 will sew vertically and horizontally to reinforce heavy fabrics.

E. Sewing on Buttons - Instruction Book pgs. 92-93

S: #4-23

F: Wool from buttonhole exercise.

1 - Button

PF: Button Fitting Foot "M"

1. Change to Button Fitting "M" foot. Place the button between the two prongs built-in on the foot.
2. Please the fabric under the foot. Turn the hand wheel towards you by hand to make sure the needle is lined up with the holes in the button. Sew the button onto the fabric.

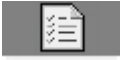



F. Mending and Patching Holes with Lateral Sewing - Instruction Book pg. 95

S: #5-02, #5-04, #5-05, #5-07

F: 1 - 5"x5" Denim

1 - 3"x3" Denim

PF: Monogramming Foot "N"

1. Touch  and program the needle to stop in the down position . Touch **Close**.
2. Place the small patch of denim on top of the larger piece with the right sides up. Line up  the edge of the patch with the inside edge of the right side of the presser foot. Touch . Select the straight stitch #5-07. Sew down the right side of the patch. Stop with the needle in the down position.

3. Select straight stitch #5-04 that sews to the left. Sew across the bottom of the patch. Stop with the needle in the fabric. Select stitch #5-02. Sew along the left side of the patch stopping with the needle in the fabric. Select stitch #5-05. Sew the top of the patch, stopping with the needle in the fabric.
4. Repeat this process using the zig zag lateral stitches to finish the edges of the patch.

Pro Tip - Use the diagonal straight stitches when mitering corners.

Character and Decorative Stitches

I. Character and Decorative Stitch Screen key functions -

Instruction Book pgs. 100-101

Touch . Review key functions

There are nine categories of stitches located in this group. They include three decorative stitch categories, satin stitches, cross stitches, utility stitches, block style lettering, script style lettering and the outline style of lettering.

Memory Options

Memory Pockets

There are twenty memory pockets that each hold up to 70 characters. A total of 1400 stitches can be combined and saved.

USB Media and USB Connection for the Computer

Combined stitches can also be saved to the memory of USB media or saved directly to the computer.

II. Sewing Character and Decorative Stitches

A. Character and Decorative Stitch Combination I

Machine Settings:





S - #10-17, #11-02, #8-35






1 - Cotton/Linen Blend 9" x 12"

1 - Stabilizer 9" x 12"

1 - Spool of Rayon Thread

1 - Finishing Touch Bobbin

1. Touch  and .
2. Select stitch #10-17. Touch **Close**.
3. Touch  and stitch 11-02. Touch **Close**.
4. Touch  and stitch 8-35. Reduce the tension to 3.0.

5. Touch  and then  the repeat symbol. Touch  to see a full size preview of the stitch combination.
6. Touch  to change the color of the stitching. Sew a row of this combination.
7. Touch  again to end stitching with a complete repeat of the combination.
8. Touch and hold the **Delete** key to clear the screen.

B. Character and Decorative Stitch Combination II






S - #8-39, Handwriting font

1 - Cotton/Linen Blend 9" x 12"

1 - Stabilizer 9" x 12"

1 - Spool of Rayon Thread

1 - Finishing Touch Bobbin

1. Touch  and stitch #8-39 on page 3. Touch **Close**.
2. Touch the Single/Repeat sewing key and the **Density** key. Touch stitch #8-39 again.
3. Touch **Close**. Touch . Select the upper case tab and the letter "E".
4. Select the lower case tab and enter the remaining letters for the word, **Ellegante**.
5. Select  again and page forward to page 3. Select design 8-39 again two times.
6. Touch  to view the design.
7. Touch  to zoom in or out.
8. Touch Return and then **Memory** and the machine memory key to save the design.

C. Decorative Stitch - Decorative Box


S - #6-158

1 - Cotton/Linen Blend 9" x 12"

1 - Stabilizer 9" x 12"

1 - Spool of Rayon Thread

1 - Finishing Touch Bobbin

Touch  and stitch #6-158 on page 11. Touch the repeat key for a single pattern and then "S" for a smaller stitch. Sew one pattern. Stop with the needle in the down position. Pivot and turn the fabric. Continue sewing until you have a complete square or frame.

D. Corded Scallop Trim using the Cord Guide Bobbin Cover

Instruction Book pg. 63

S: 9-02



F: 1 - 6" x 6" Cotton/Linen Blend

1 - 3" x 6" Solvy Stabilizer

1 - 10" piece of Pearl Crown Rayon or other medium weight cord

PF: Monogramming Foot "N"

A cord guide bobbin cover is one of the standard accessories included with the BLG. Remove the cord guide plate from the accessory bag. Thread the cord through the small hole of the cord guide bobbin cover. Thread the cord down through the hole and back up through the slot. Remove the bobbin cover from the machine and replace it with the cord guide bobbin cover. Place the cord under the foot and then extend it 2" behind the foot.

1. Touch  and , select scallop stitch #9-02.
2. Fold the cotton fabric in half. Place the water soluble stabilizer under the fabric and extend one inch beyond the fold of the fabric. The scallops will be sewn on the stabilizer with only the peak of the scallop catching the fold of the fabric.
3. The cord will be sewn into the underside of the scallop stitch.
4. Align the folded edge of the fabric to the left of the center line of the presser foot.
5. The cord will be encased under the stitch. Begin sewing.
6. When complete cut the cord and remove the stabilizer.

Pro Tip - The small hole in the cord guide bobbin cover maintains perfect alignment of the cord during sewing and eliminates any guess work.

E. Fonts - Instruction Book pgs. 102-103

S: 

F: 1 - 8" x 8" Firm Woven

1 - 8" x 8" Stabilizer





PF: Monogramming Foot "N"

T: Cotton or Rayon Embroidery Thread

1 - Bobbin filled with Lightweight Bobbin Thread (*Finishing Touch Thread*)



1 - Water Soluble Marker

A. Block Letters


Touch the gothic alphabet font. Touch the first letter of your name. Touch the lower case tab and select the remaining letters in your name. Touch  for an enlarged image of the characters. Touch  to zoom in and out. Sew a sample. Touch  if you would like to save this combination. Touch  to clear the combination.


B.  **Script Letters**

Touch the handwriting alphabet font. Select the letters of your initials. Sew a sample.

Touch  if you would like to save this combination. Touch  to clear the combination.


C.  **Outline Letters**

Touch the outline alphabet font. Program in “**Baby Lock**”. Sew a sample. Touch 

if you would like to save this combination. Touch  to clear the combination.

III. Adjusting Stitch Patterns - Instruction Book pgs. 105-106

Sometimes character and decorative stitches will look distorted. If your character and decorative sewing does not turn out well, make adjustments using stitch#6-133 and the Fine Horizontal and Vertical Adjustment.

S: #6-133 

F: 1 – 8” x 8” Firm Woven

1 – 8” x 8” Stabilizer

PF: Monogramming Foot “N”

T: Cotton or Rayon Embroidery Thread

1 – Bobbin filled with Lightweight Bobbin Thread (*Finishing Touch Thread*)

1 – Water Soluble Marker

1. Select stitch #6-133 and sew. Adjust if necessary. Refer to instruction book for more information.

Pro Tips:


✂ *Sew directly from the image screen on the BLG.*

✂ *Save your favorite combinations to the memory on the machine or to a flash drive so they are ready to be used any time.*

✂ *Sew decorative stitches with the embroidery unit on the BLG.*

Embroidery

I. Tour of Setting Screens for Embroidery

Touch . Touch the **Embroidery** tab at the top of the screen. This will take you to page 4.

Embroidery Frame Display - The largest design field size on the BLG is 7" x 12". Four display fields are available: 7" x 11 3/4", 3/4" x 2 3/8", 4" x 4", and 5" x 7". All the embroidery fields are represented with or without a center mark, with and X and Y axis or will the grid. Choose the 5" x 7" embroidery field without the center mark for the following embroidery exercises.

Time Display/Name of Color/Color Number - Choose between time display, name of color or color number. Choose **Name of Color** for the following exercises.

Thread Display - Choose from five thread palettes on the BLG: Robison Anton, Embroidery, Country, Madeira, and Sulky

Pro Tip - A thread conversion chart is included in the BLG Quick Start Guide.

Maximum Embroidery Speed - Choose from 1000, or 600 SPM or 350. Use the slower speed for specialty threads or techniques.

Embroidery Tension - Adjust the thread tension for embroidery here.

Embroidery Foot Height - New Feature! - Customize the presser foot height for embroidery. Adjust presser foot up for various projects from sheer fabrics to puffy foam!

Inch vs. Metric - Display design measurements in inches or metric. For today's exercise choose inches.

Initial Mode - Choose the embroidery mode you use most. When the embroidery unit is attached, the machine will open directly into the selected mode.

Custom Thread Table - Create a custom thread palette with the thread colors you use most often. Up to 300 colors can be entered.

Select Robison Anton from the list below. Select "**Robison Anton Poly**". Touch "**List**" to view the list of the thread colors. Select the desired color number and then touch "**Set**". Robison Anton has a palette of 300 thread colors!

Colors can be entered from the list or by entering the color number. Touch the **Number** key and enter the number **5683** and touch the square you would like to display the color in and touch **Set**. "**Load**" will be activated later for future thread palettes. Touch **Close**.

(Refer to Instruction Book pgs. 190 - 191 for more information on creating and using Custom Thread Tables.)

II. Embroidery Screen key functions – Instruction Book pg. 132

Review Embroidery Screen key functions.

III. Built-in Designs – Instruction Book pg. 133

There are 416 embroidery designs, 120 frame patterns and 15 styles of alphabet patterns built-in the BLG. Show embroidery stitch-outs.




Pro Tip: There are 336 exclusive built-in designs on the BLG including 33 Nancy Zieman designs.

In addition to the built-in designs, designs can also be imported from a memory card, directly from the computer, or from a USB media device such as an external floppy drive, or from a flash drive.

Selecting Built-in Embroidery Designs – Instruction Book pgs. 134-137

IV. Importing Designs from other sources – Instruction Book pg. 137


A. Pre-programmed Embroidery Cards

1. Hold the card with the pointed arrow facing you.
2. Insert the card completely into the slot on the right side of the machine.
3. Touch  to access designs from a pre-programmed embroidery card.
4. Touch  to recall designs from the machine's memory.
5. Plug USB media into the USB port on the right side of the machine.
6. Touch  to recall design from USB media.


(Turn off the power to the machine. Insert USB flash drive loaded with designs. Demo how to recall designs from the flash drive.)

B. Computer

To recall designs directly from the computer, begin by plugging the USB cable into the corresponding USB ports connectors for computer and the machine. The BLG will appear on the computer screen as a "Removable Disk".

1. Open Windows Explorer
2. Locate digitized designs.
3. Open the file.
4. Copy designs from original location to the "Removable Disk".
5. Touch  to recall designs directly from the computer.
6. Embroidery designs will be displayed on the machine's LCD screen.
7. Touch the design you would like to embroidery.
8. Touch **Sewing**.

V. Tour of the Embroidery Sewing Screen - **Instruction Book pgs. 138-139**

Touch . Review the key functions of the Embroidery Screen.

VI. Getting Ready to Embroider - **Instruction Book pgs. 128 - 131**

Show the new embroidery accessory hard case. Review hoops and show how the embroidery unit is stored. Point out the storage compartments and the metal clasps.

Remove the embroidery unit from the case and the 5" x 7" hoop.

Pro Tip - One of the fantastic features about the Baby Lock Ellegante is its ability to sew utility and character and decorative stitches with the embroidery unit attached. Take a moment to show this!

VII. Sewing with the Embroidery Unit Attached



1 - 9" x 12" Cotton/Linen Blend

1 - 9" x 12" Stabilizer



1 - Rayon Thread

1 - Bobbin filled with *The Finishing Touch* bobbin thread

Replace all-purpose thread bobbin with Finishing Touch bobbin.

1. Touch .
2. Touch . Touch the pocket containing the "Ellegante" design. Touch **Retrieve** and sew!

VIII. Continuing with Machine Set-up for Embroidery

1. Press  and change to the "W" embroidery foot.
2. **(Instruction Book pg. 129)**
3. Note the new screw-on style and the wiper that pushes away the jump threads.
4. Touch  to reactivate the machine.
5. Note the new style embroidery hoop. Attach the hoop onto the BLG.
(Instruction Book pg. 145)
6. Press the Presser Foot Lifter button to raise the presser foot.
7. Align the embroidery frame with the right side of the frame holder.
8. Slide the embroidery hoop into the frame holder.
9. Lower the frame-securing lever.

IX. Alternative Bobbin Case for Embroidery

The BLG is adjusted precisely for use with *The Finishing Touch* bobbin thread. To use other brands of bobbin thread, i.e., Coats N Clark, Sulky and YLI, use the alternate bobbin case included with the BLG. To use bobbin style ESG-BOB, or pre-wound bobbins use the bobbin center pin also included with the accessories.

Pro Tips:

✂ *Notice the new, easy to remove needle plate cover!*

✂ *Empty ESG-BOB bobbins cannot be wound on the the BLG.*


X. Embroidery Features – Instruction Book pgs. 146-149

1 – 9" x 12" Cotton/Linen Blend



1 – 9" x 12" Stabilizer

1 – Rayon Thread

1 – Bobbin filled with *The Finishing Touch* bobbin thread

1. Touch  and select any design.

A. Positioning a Design - New 8 points in Trial – Instruction Book pg. 146

Touch  for a precise view of the embroidery area. Now you can stop at 8 points for design placement, touch **Close**. Touch  to adjust the starting point position of the design. Touch any of the nine keys displayed to move to a new starting position. The hoop will move to that point of the design. Touch **Close**.

B. Resuming Embroidery When The Thread Breaks – Instruction Book pg. 153

Review how to resume embroidery when the thread breaks.

Touch .


Touch ,  or  to move the needle to the spot where the thread broke.

C. Resume Function – Instruction Book pg. 154



Lower the presser foot and touch the start button to embroider. Let the machine embroider part of the design. Then touch the Start/Stop button to stop stitching. Note how many stitches have been sewn and turn the machine off. Turn the machine back on, and follow the prompts. Remove the hoop and let the machine move the embroidery arm. Touch **OK** to resume sewing the interrupted pattern. While the embroidery finishes sewing, point out to the customer that the embroidery is sewn at up to 1000 stitches per minute. Also point out that there are no jump stitches to trim.

Pro Tip – If power to the BLG is lost during embroidery, the design will be saved and the BLG will return to the point where the embroidery stopped, when power is restored. At least one stitch needs to be taken to activate the resume function.



D. Adjusting Thread Tension – Instruction Book pg. 156-157

1. Touch .
2. Press “-” to decrease the upper thread tension.
3. Press “+” to increase the upper thread tension.

E. Automatic Thread Cutting Function – Instruction Book pg. 157





The automatic thread cutting function is initially turned on. To turn this function off, touch  and .

F. Automatic Jump Thread Trimming Function – Instruction Book pg. 157



The BLG automatically trims jump threads during embroidery. To turn this function off, touch  and then .

XI. Revising Embroidery Designs – Instruction Book pgs. 161-165



A. Changing the Starting Position of a Design

1. Mark embroidery start position on the fabric.
2. Select a design.
3. Touch .
4. Press the desired start position. .
5. Touch .
6. Use the directional arrows  to align the needle with the mark on the fabric.

B. Changing the size of a Design

1. Select a design.
2. Touch size .
3. Select how you would like to adjust the size of the design.
4. Touch .

C. Rotating a Design



1. Select a design.
2. Touch .
3. Select the desired angle of rotation for the design.
4. Touch .

D. Creating a Horizontal Mirror Image

1. Touch .


E. Density Adjustment


Adjust stitch density of alphabet characters and frame patterns.


1. Select a frame pattern or an alphabet character.
2. Touch .
3. Touch – to decrease the density of a pattern.
4. Touch + to increase the density of a pattern.
5. Touch .

XII. Saving Embroidery Designs – Instruction Book pgs 168-171

To save an embroidery design touch .

Touch  to save design to the machine's memory.

Touch  to save design to USB media.

Touch  to save designs directly to the computer.

1. Select the design's .phc file in the "Removable Disk".
2. Copy the file to the desired location in the computer.






Embroidery Edit



Select from nine editing functions including combining embroidery designs and creating and embroidering continuous designs.

I. Embroidery Edit Screen key functions – Instruction Book pg. 179


Review Embroidery Edit Screen key functions.

II. Edit an Embroidery Design – Instruction Book pgs. 180-191

1. Touch the **Embroidery Edit** tab.
2. Touch **Exclusive** and **Nancy Zieman**.
3. Select the moon and stars design on page 2, the 3rd design in the first row. Touch **Set**.
4. Touch **Rotate** and rotate the design 90 degrees twice. Touch **Close**. Using the directional arrows, move the design to the bottom of the hoop. Touch **Edit End**.
5. Touch  and .
6. Touch the upper case tab and enter the letter **S**. Change the size to medium. 
7. Touch the lower case tab and enter letters to complete the word "**Shooting**". Enter a space after the word "**Shooting**".
8. Touch the upper case tab and enter the letter **S** again.
9. Touch the lower case tab and enter the rest of the letters that make up the word "Stars" t,a,r, and s. Touch **Set**.
10. Touch  and reduce the size of the letters until they fit in the 5x7 embroidery field. Touch **Close**.
11. Touch **Close**.
12. Touch  for a realistic preview. Touch the **Zoom** key to view a close-up of the design. Touch **Return**.

13. Touch . It will change to 200% and arrows will appear on the screen around the embroidery. Use these arrows to pan the embroidery design. Touch  to select the lettering. Move the lettering up towards the top of the hoop so they arc over the moon and stars. Use this zoom function to perfectly position elements of the design.

14. Touch . Demonstrate how the colors of various elements of the design can be changed. Touch **Close, Edit End and Sewing**.

15. Touch  to save the design. Show how designs can be saved to the machine's memory, the USB media, or directly to the computer.

Pro Tip – Remember that designs can be created and edited without attaching the embroidery unit on the BLG!

III. Continuous Embroidery – Instruction Book pgs. 192 - 196

Embroidery designs can be repeated to create unique, continuous borders.

PF - Embroidery Foot “W”

1 - 9”x 12” Cotton/Linen Blend


1 - 9”x 12” Stabilizer




1 - 5”x 7” Embroidery Hoop






1 - Rayon Thread

1 - Bobbin filled with Finishing Touch bobbin thread



A. Designing a continuous border










1. Touch  and **Exclusive**. Select **Borders**. Select the first floral design in the first row on page 1. Touch **Set**.

2. Press . Select the direction you want to repeat in  .

3. Touch  to repeat the pattern on top and/or bottom. To delete the pattern on top and/or bottom touch  . Adjust the spacing of the repeated pattern by touching  .

B. Repeating One Element of the Repeated Pattern








1. Using the above design, touch  or  to choose the direction where the design will be cut or separated.

- Touch  or  to select where the design will be cut. Touch  to separate the design elements. Touch  to select the element of the design to be repeated. Touch  or  to choose the direction it will be repeated in. Touch  to repeat the pattern on top and/or bottom. To delete the pattern on top and/or bottom touch . Adjust the spacing of the repeated pattern by touching .
- Touch **Close** when finished.

C. More Continuous Borders

Touch **Embroidery Edit** and then **Exclusive**. Select **Borders**. Select the 4th floral design on the 5th row of the first page. Touch **Set**. Use the directional arrow keys to move the flowers up to the top of the 5" x 7" embroidery field. Make sure the 5" x 7" is still highlighted.

Assigning Thread Marks

- Touch  and . Touch the arrows on the bottom left  and bottom right  corners. This will place thread marks at the bottom left and right corners of the design. Touch **Close**. Touch **Edit End and Sewing**.
- Lower the presser foot and press **Start** to embroider the design.
- Touch **Embroidery Edit** and **OK** to delete the pattern. Touch **Exclusives** and **Borders**. Select the third floral design on the 5th row on page 1. Touch **Set, Edit End and Sewing**. Touch . Touch the top left  and top right  corner arrows. Touch **Close**. Use the directional arrow keys to align the needle with the points of the arrow thread marks.
- Lower the presser foot and press **Start** to embroider the design.

Pro Tip - Use the border function to create and embroider professional looking continuous designs. You won't be able to determine where one design ends and the other begins!

Care and Maintenance

Review Chapter 7 of the Instruction Book for information on care and maintenance and troubleshooting.

Refer to the **Instruction Book pgs. 202-217** for more information on cleaning and caring for your machine.