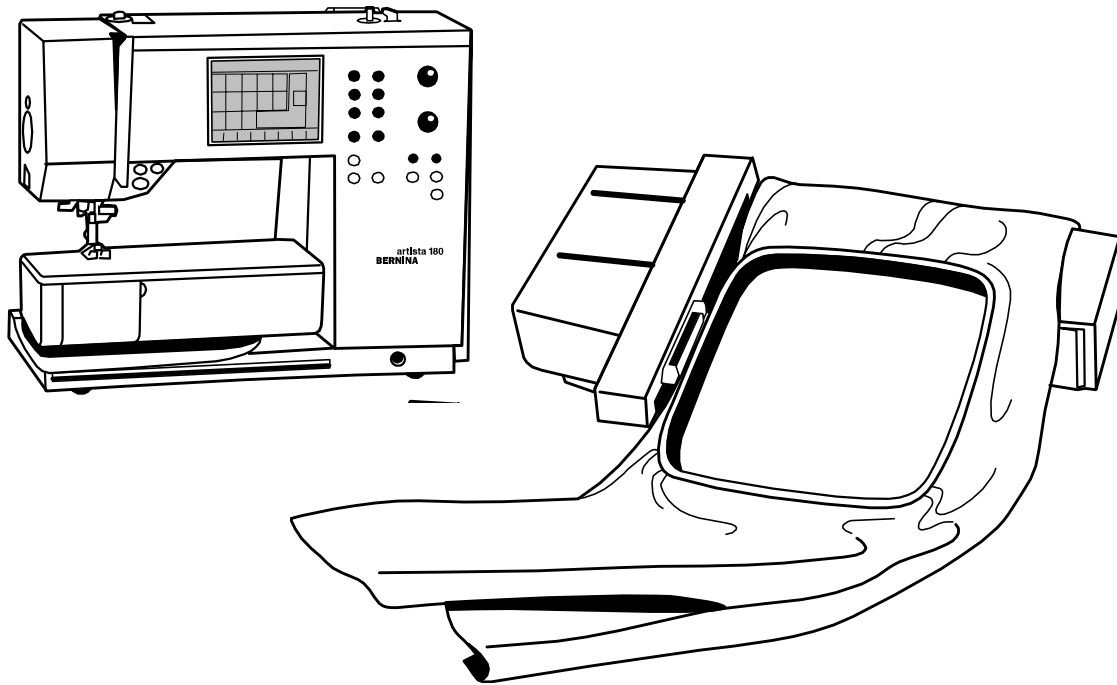


MASTERING YOUR BERNINA® artista Embroidery Module



OWNER'S WORKBOOK

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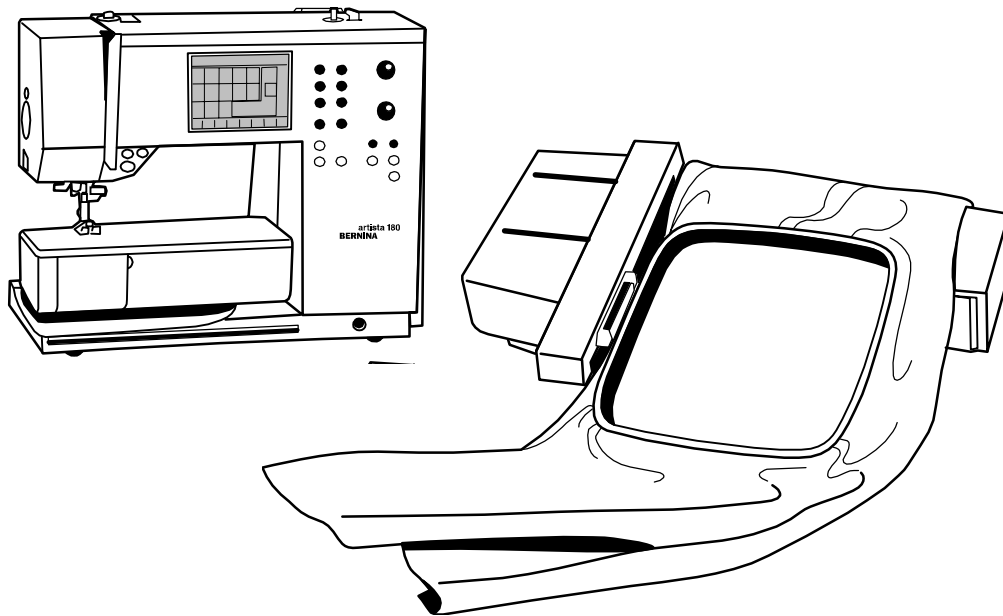
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MASTERING YOUR

BERNINA®

artista Embroidery Module



OWNER'S WORKBOOK

Section A

artista Embroidery Beginnings

SECTION A

***artista* Embroidery Beginnings**

Details of the Module

Owner's manual pg. ___

Standard Accessories

Owner's manual pg. ___

Special Accessories

Owner's manual pg. ___

Module Set Up

Owner's manual pg. ___

- Module Connection Cable
 - Stored on the back of the module
 - Note the plug release mechanism: pull the cover back to insert or remove the cable from the machine
- Attaching Module to Machine
 - Must be on a flat surface
- Remove Accessory Box
 - Place the module on the machine behind the free arm
 - Slide the module on from the left until the lugs engage in the base plate
- Removing Module
 - Release the plug cover by sliding it towards the cord
 - Remove the cable plug from the machine
 - Slide the module to the left to remove it from the machine

Prepare for Embroidery

Owner's manual pg. ___

- Messages - Owner's manual pg. ___
- Presser Foot
 - Embroidery Foot #15 comes with the module
 - Attach the foot to the machine
- Needles - Owner's manual pg. ___
 - Use the proper needle for the thread and fabric being used
 - Insert a new needle at the beginning of each project
 - Needle should be in the highest position when attaching the hoop
- Straight Stitch Plate (optional accessory)
 - The stitch insertion points are limited, giving better thread control which results in better stitch quality
- Bobbin
 - Use a high quality lightweight bobbin thread
 - **180 only:** Use the new "pigtail" (gold latch) bobbin case and thread the bobbin thread through the wire loop. This bobbin case has been specially designed for embroidery.
 - **170 only:** Thread the finger of the bobbin case to tighten tension slightly

Threading

Owner's manual pg. ____

- Thread machine with the presser foot up (to release the tension discs)
- Thread the machine using either the horizontal or vertical spool pin
 - Horizontal spool pin is designed for use with **cross-wound** threads
 - match disc size to end of spool
 - smallest disc fits into the end of large cones/spools such as Isacord embroidery thread
 - Vertical spool pin is designed for use with **stacked** threads
 - also used for some decorative threads
 - a supplemental thread guide is available and should be used when using the vertical spool pin to help decorative threads reel off the spool more consistently and keep them from falling off the spool
- Adjust tensions as needed for the threads used

Hoop Sizes

Owner's manual pg. ____

- **artista** checks the hoop size when an embroidery motif is selected
- If possible, always select a hoop size that most closely matches the motif size
 - Large hoop (200mm x 155mm)
 - stitch area is approximately 7⁷/₈" x 6¹/₈"
 - Medium hoop (optional accessory) (130mm x 100mm)
 - stitch area is approximately 5¹/₈" x 4"
 - Small hoop (40mm x 60mm)
 - for use with free arm embroidery and when stitching small designs
 - stitch area is approximately 1⁵/₈" x 2³/₈"

Stabilizers

Owner's manual pg. ____

- Proper hooping techniques and stabilizer information - Owner's manual pg. ____
- *Lightweight Tear-Away Stabilizers*
 - most widely used in the home embroidery market
 - available in black and white
 - tears away easily; pull gently and hold stitches to prevent distortion
 - can be used in multiple layers
 - does not provide support for stitches after removal due to extreme perforation from the needle
- *Cut-Away Stabilizers*
 - most widely used in commercial embroidery market
 - available in black and white
 - must be cut away from the back of embroidery after stitching is complete
 - provides permanent support for embroidery stitches
 - no "give" or stretch
 - use with fabrics that have stretch
 - use with embroidery designs with high stitch counts
 - can be used in multiple layers

- *Poly-Mesh Stabilizer*
 - lightweight cut-away stabilizer
 - perfect for light-colored fabrics when other stabilizers might show through
 - softer hand makes it better for use on clothing items that touch the skin
 - can be used in multiple layers
- *Water Soluble Stabilizer*
 - dissolves in water
 - can be used as a backing or a topping for textured fabrics (velvet, terry)
 - hoop fabric with stabilizer
- *Adhesive Paper*
 - hoop the stabilizer; use a pin to score stabilizer around the inside edge of the hoop
 - remove backing; position fabric on stabilizer, smooth to adhere firmly
 - after using, carefully clean adhesive residue from iron
- *Iron-On Interfacing*
 - fuse to wrong side of fabric to add body to the fabric to help support embroidery stitches
 - available in a variety of colors, weights, thicknesses
 - permanently bonded - do not remove after stitching is complete
- *Spray Starch and/or Brush-On Stabilizers*
 - ideal for "firming up" soft fabrics
 - treat area to be embroidered; allow to dry completely, or press dry
 - use with additional stabilizer on the wrong side of the fabric

Hooping Fabric

Owner's manual pg. ____

- Find the center of the fabric
- Separate the embroidery hoop
 - loosen the screw - it should be loose enough that fabric and stabilizer will easily fit into the hoop
- Remove the inner ring
- Embroidery Templates
 - use to ensure that the design is centered in the hoop
 - each hoop has a corresponding template
 - when inserted correctly, "BERNINA" reads left to right, right side up
 - template surface marked in 1cm squares
 - each template has cut-outs to facilitate transfer of markings to fabric
 - finger hole in corner for easy removal from hoop
- Secure fabric/stabilizer in the hoop
 - lay outer hoop on hard, flat surface
 - secure stabilizer to the back of the fabric by lightly coating stabilizer with 505 temporary adhesive spray
 - place fabric and stabilizer on a firm surface
 - position template inside the inner hoop
 - position inner hoop on the fabric, aligning any markings on the fabric

- grasping both inner hoop and fabric/stabilizer, insert into the outer hoop, aligning the arrows at the edges of both the inner and outer hoops
- do not distort the fabric when tightening the screw on the hoop
- hooped fabric should be taut, but not stretched
- remove template before stitching

Attaching and Removing Hoop

Owner's manual pg. ____

Adjusting Embroidery Hoop

Owner's manual pg. ____

- Calibrate the needle so that it is in the exact center of the hoop
- This must be done with the large or medium hoop attached to the module
 - attach module, making sure it is properly connected
 - attach large or medium hoop with the template inserted
 - turn **artista** on
 - press the SetUp button on the **artista**
 - select Service
 - select Adjustment of Hoop
 - touch Check
 - **artista** follows the contours of the hoop, stopping with the needle in the center position
 - if necessary, use the positioning arrows to correct the needle position
 - touch OK
 - the embroidery hoop is now adjusted and the screen closes
- touch ESC to close the SetUp screen

Hoop Coding

Owner's manual pg. ____

- Attach the desired hoop to module
- Raise the presser foot to the highest position (if necessary)
- Select the desired motif
 - the hoop moves to read the "coding" on the hoop
- Hoop "coding" is read:
 - 3 notches = large hoop
 - 2 notches = medium hoop
 - 1 notch = small hoop
- If the hoop is larger than the motif size, the hoop moves to the start position
- If the motif is too large for the hoop, a message will appear confirming this
 - change hoops -or-
 - resize the motif in Layout, then touch Check to re-read the coding
- Icons at the left of the screen indicate the available hoops; the most suitable hoop is highlighted

STITCHING A DESIGN

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose colors to match the design
Presser Foot:	Embroidery Foot #15
Module Designs:	Sue Box Rose Design, Collection 6

Owner's manual pg. ____

- Using the large hoop, hoop the fabric and stabilizer.
- Attach the hoop to the module and turn the machine on.
- Select the Module icon to access the designs in the embroidery module.
- The Teddy Bear icon represents the designs on the embroidery card.
- The arrows allow you to scroll through the available designs.
 - Wait until the arrows darken before attempting to access designs.
- A message appears as a reminder to drop the feed dog.
- Select motif #22, the Sue Box rose design.
- The blinking hourglass indicates that the **artista** is working and cannot accept another command until the hourglass disappears. The selected design appears on the screen.
- Embroider the design; when the embroidery is complete, a message appears indicating that the entire motif has been stitched.
- Remove the hoop from the machine.
- Remove the fabric from the hoop.
- Trim and mount the sample on page 11.

Note: The following information details the icons and symbols used to stitch a design.

Screen Icons

The icons in this screen include:

- Layout 1 and Layout 2
 - access these screens with the icons located on the right side of the screen
- Menu
 - returns to the last menu shown, either from the module or a card
- Thread Color
 - shows the total number of thread colors in the design
 - shows which color is currently selected for stitching
 - use the arrow keys to scroll backward and forward through the colors
 - only the selected color is stitched

- Embroidery Sequence
 - allows movement backward and forward through the stitching sequence of the selected color
 - useful for picking up stitches if the thread breaks or runs out
- Single Color Motif
 - when activated, combines all colors to create a single color design
 - can be deactivated when stitching letters, creating breaks between characters and allowing thread color changes.
- Hoop Relocator
 - moves the hoop to the left, allowing easy access of the needle threader
- Embroidery Speed
 - touch “M-” to reduce the motor speed
 - touch “M+” to increase the motor speed

Icons on Left Side of the Screen

- Recommended Foot
 - Foot #15 is indicated for embroidery
- Design Number
 - the number of the selected design is shown
- Time
 - the stitching time is shown in minutes (does not include thread changes)
- Size
 - the upper number indicates the height of the design in millimeters (mm)
 - the bottom number indicates the width of the design in millimeters (mm)

Resizing a Design

- Proportional resizing of a design is done in Layout 1
- Access Layout 1 by selecting the Layout 1 icon

Layout 1 Icons

- Menu
 - returns to the last selected menu, either module or card
- Temporary Save
 - saves on-screen designs in a temporary memory
 - useful when combining motifs
- Retrieve
 - allows reselection of motifs that have been stored in Temporary Save
 - cycles through motifs; the selected one is highlighted
- Mirror Image
 - horizontal mirror image function
 - mark in lower corner of “box” changes from right to left

Layout 1 Icons - continued

- Proportional Resizing Functions
 - selecting the left icon decreases the size of the selected motif
 - selecting the right icon increases the size of the selected motif
 - selecting the center icon returns the motif to the original size (100%)
- Layout 2
 - provides access to the Layout 2 screen
- Start
 - moves the hoop so that the needle is at the point where stitching starts
- Motif Center
 - moves the hoop so that the needle is positioned in the center of the motif
- Check
 - defines the outer limits of the embroidery design
 - also used to re-code the hoop after a design has been resized
- Show
 - changes on-screen image from a rectangle to a small representation of actual stitchery
 - useful when resizing or repositioning a motif, and when combining designs
- Del
 - deletes the selected motif
 - will not delete the last design stored in Temporary Save. To do this, cycle through the last saved design using the Retrieve function, reselect the last saved design, then touch Del.
- Positioning Arrows
 - moves the selected motif to a new position within the sewing field
- Center
 - moves the selected motif to the center of the sewing field
- Horizontal Mirror Image
 - flips the selected image right to left
- Rotate
 - rotates selected image in 5 degree increments, clockwise or counterclockwise
- OK
 - confirms all changes, engages the stitch processor which recalculates the design based on the new size parameters, and switches back to the sewing screen when all calculations are complete

Note: To interrupt or stop the stitching processor, hold in the CLR button until the Layout 1 screen appears.

STITCHING A DESIGN



MONOCHROME EMBROIDERY

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose one color
Presser Foot:	Embroidery Foot #15
Module Designs:	Sue Box Rose Design, Collection 6

Owner's manual pg. ____

- Using the large hoop, hoop the fabric and stabilizer.
- Select the Module icon to access the designs in the embroidery module.
- Select motif #22, the Sue Box rose design, again.
- Select the Single Color Motif icon (picture of paintbrush)
 - This function will combine all of the colors in the design to create a single color design.
- Embroider the design.
- Trim and mount the sample below.



ON-SCREEN EDITING

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread
	Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Module Designs:	Design #16 (corner motif), Collection 6

Owner's manual pg. ____

- Select design #16, corner motif, from Collection 6.
- Select the Layout 1 function.
- Increase the size of the design to 150%.
- Touch Show; move the design to the lower right corner of the hoop.
- Touch Temporary Save.

- Touch Center to activate the exclusive duplicate feature that copies the current design, including all of the alterations that have been made, on screen.
- Touch the Mirror Image function.
- Touch Show; move this design to the lower left corner of the hoop.
- Touch Temporary Save.

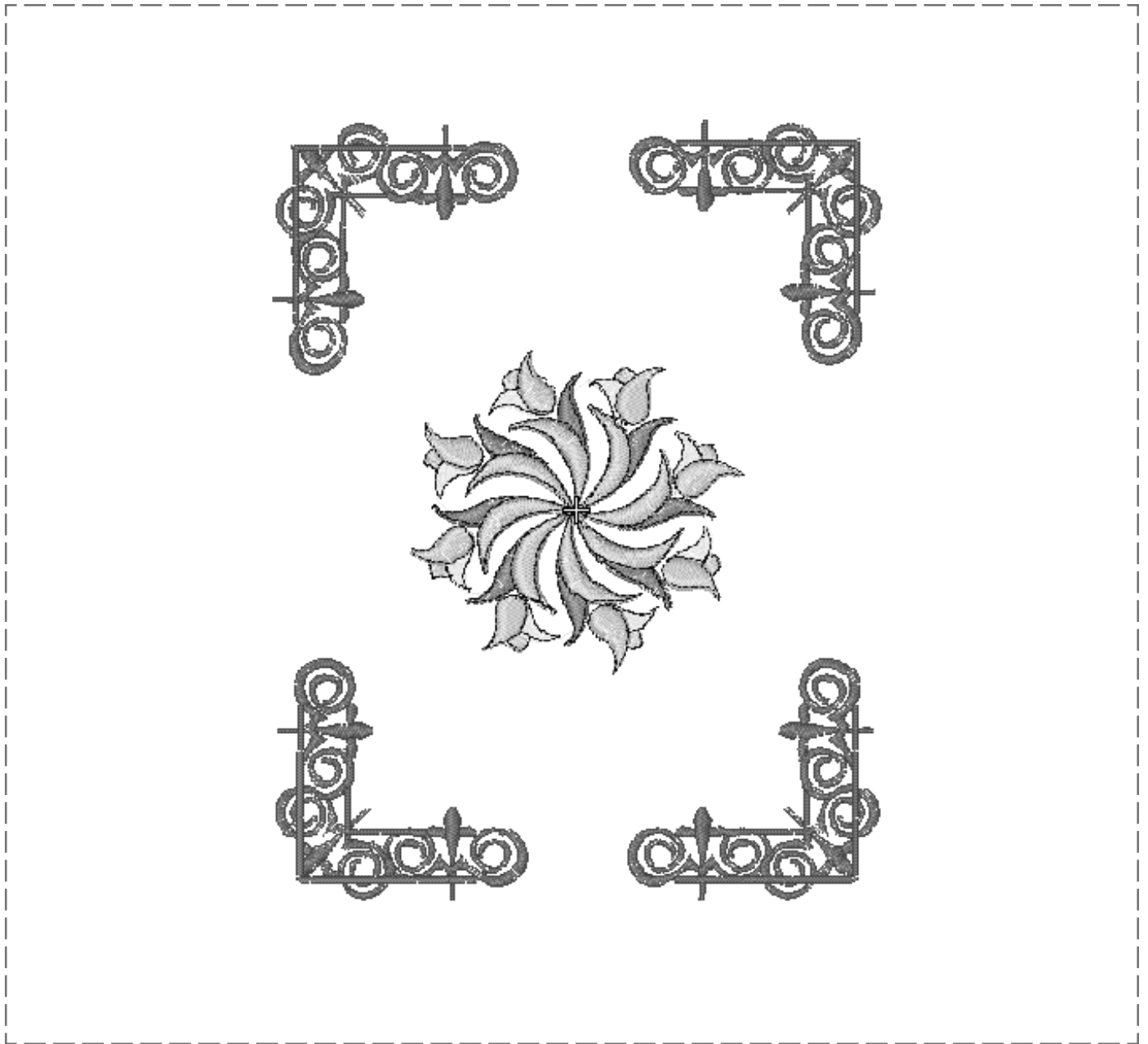
- Touch Center to duplicate the design again.
- Rotate the design 90°.
- Touch Show; move this design to the upper left corner of the hoop.
- Touch Temporary Save.

- Touch Center to duplicate the design again.
- Rotate the design 180°.
- Touch Show; move this design to the upper right corner of the hoop.
- Touch Temporary Save.

- Touch Menu to access the designs in the module.
- Select design #21, a circular tulip motif
Note: This design can also be found on the Studio BERNINA® Quilting Card, design #10.
- Touch Layout 1.
- Touch Temporary Save.
Note: The design outline boxes are the best tools to use when aligning the parts of a design; use the Show function for fine-tuning of individual elements of a design.

- Touch OK to process the multiple design elements into a single design.
- Embroider the design.
- Trim and mount the sample on the following page.

ON-SCREEN EDITING



RE-SCALING EMBROIDERY DESIGNS

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread
	Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Module Designs:	Design #24 (edelweiss), Collection 6

Owner's manual pg. ____

- Select design #24, edelweiss, from Collection 6.
- Select the Layout 1 function.
- Touch Temporary Save to store the design.

- Touch Center, or one of the layout arrows, to duplicate the design.
- Enlarge the design to 150% and move it to the bottom of the hoop.
- Touch Temporary Save to store the design.

- Touch Center to duplicate the design.
- Reduce the design to 80% and move it to the top of the hoop.
- Touch Temporary Save to store the design.

- Touch Retrieve to recall the first stored design. Move it to a pleasing position between the other two designs.
- Touch Temporary Save to store the change.

- Touch OK to process the design combination.
- Embroider the design.
- Trim and mount the sample on the following page, noting the percentage of enlargement or reduction beside each design.

RE-SCALING EMBROIDERY DESIGNS



ROTATING EMBROIDERY DESIGNS

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Module Designs:	Design #14 (fancy scroll), Collection 6

Owner's manual pg. ____

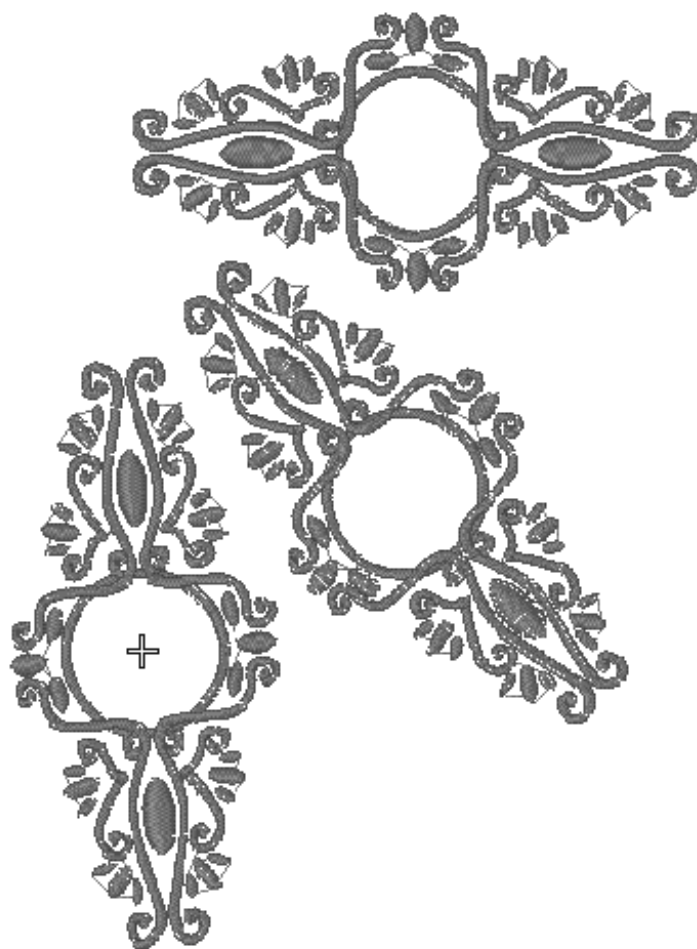
- Select design #14, fancy scroll, from Collection 6.
- Select the Layout 1 function.
- Reduce the design to 80%.
- Use the layout arrows to move the design to the upper right corner of the hoop.
- Touch Temporary Save to store the design.

- Touch Center to duplicate the design.
- Rotate the design 45°.
- Use the layout arrows to move the design slightly to the right, leaving it near the center of the hoop.
- Touch Temporary Save to store the design.

- Touch Center to duplicate the design again.
- Rotate the design 85°.
- Use the layout arrows to move the design to the lower left corner of the hoop.
- Touch Temporary Save to store the design.

- Touch Retrieve, Show, and the positioning arrows to move the three designs and create a pleasing arrangement.
- Touch OK to process the design combination.
- Embroider the design.
- Trim and mount the sample on the following page, noting the direction of rotation beside each design.

ROTATING EMBROIDERY DESIGNS



MIRROR IMAGE

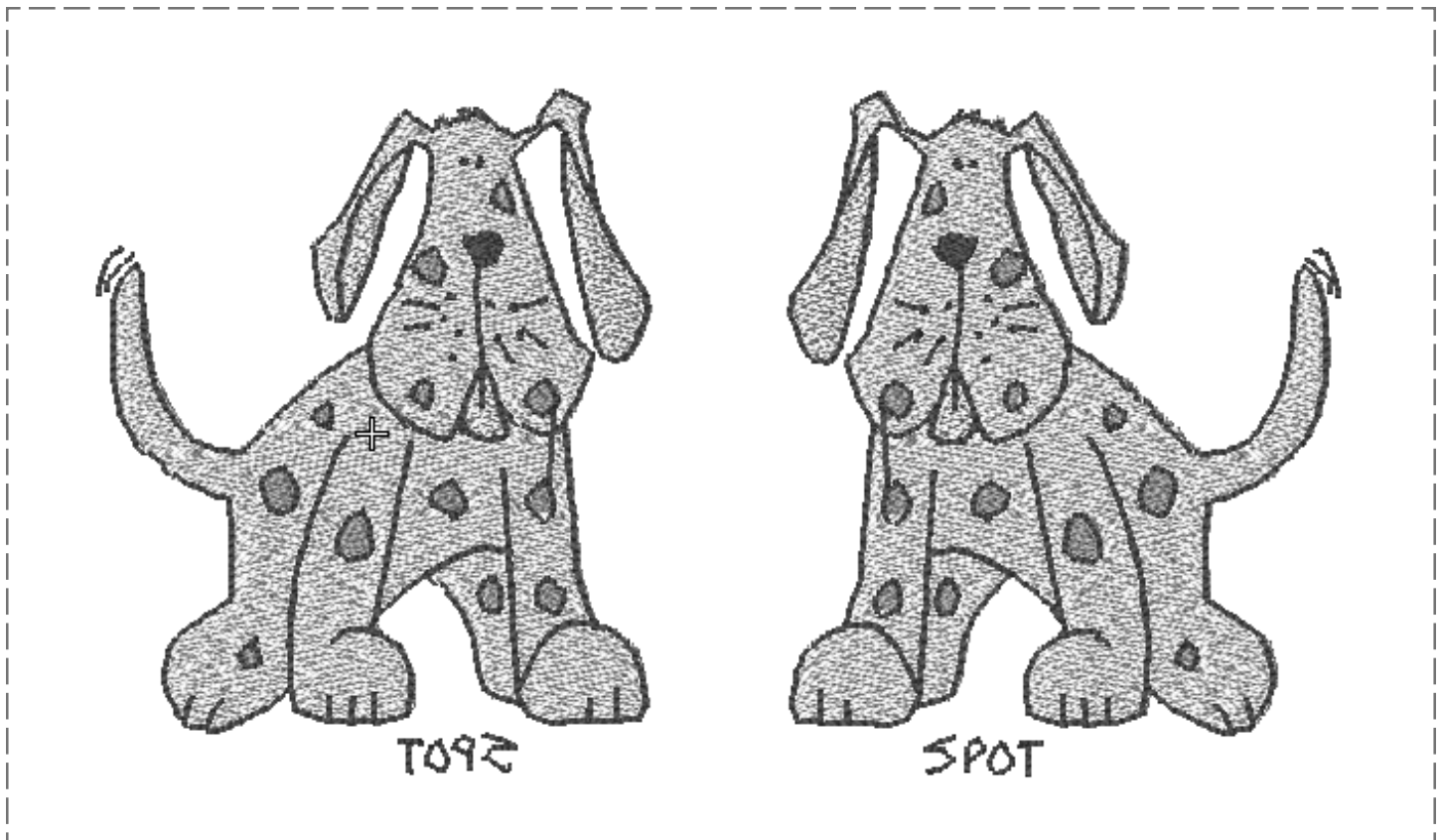
Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Module Designs:	Design #42 (epb dog), Collection 6

Owner's manual pg. ____

- Select design #42, elinor peace bailey dog, from Collection 6.
- Select Layout 1.
- Use the layout arrows to move the design to the right side of the hoop.
- Touch Temporary Save to store the design.

- Touch Center to duplicate the design.
- Touch Mirror Image to reverse the design.
- Move the design to the left side of the hoop.
- Touch Temporary Save to store the design.

- Touch OK to process the design combination.
- Embroider the design.
- Trim and mount the sample below.



STRETCHING DESIGNS

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Embroidery Card:	Studio BERNINA® Contemporary Motifs & Borders by Claire Shaeffer

Owner's manual pg.____

- Select the Teddy Bear icon to access the embroidery card designs.
- Select motif #37 from the *artista* Studio BERNINA® Contemporary Motifs & Borders by Claire Shaeffer embroidery card.
- Select Layout 1, then touch Temporary Save.
- Touch one of the layout arrows to duplicate the design.
- Touch Layout 2.

Layout 2 Icons

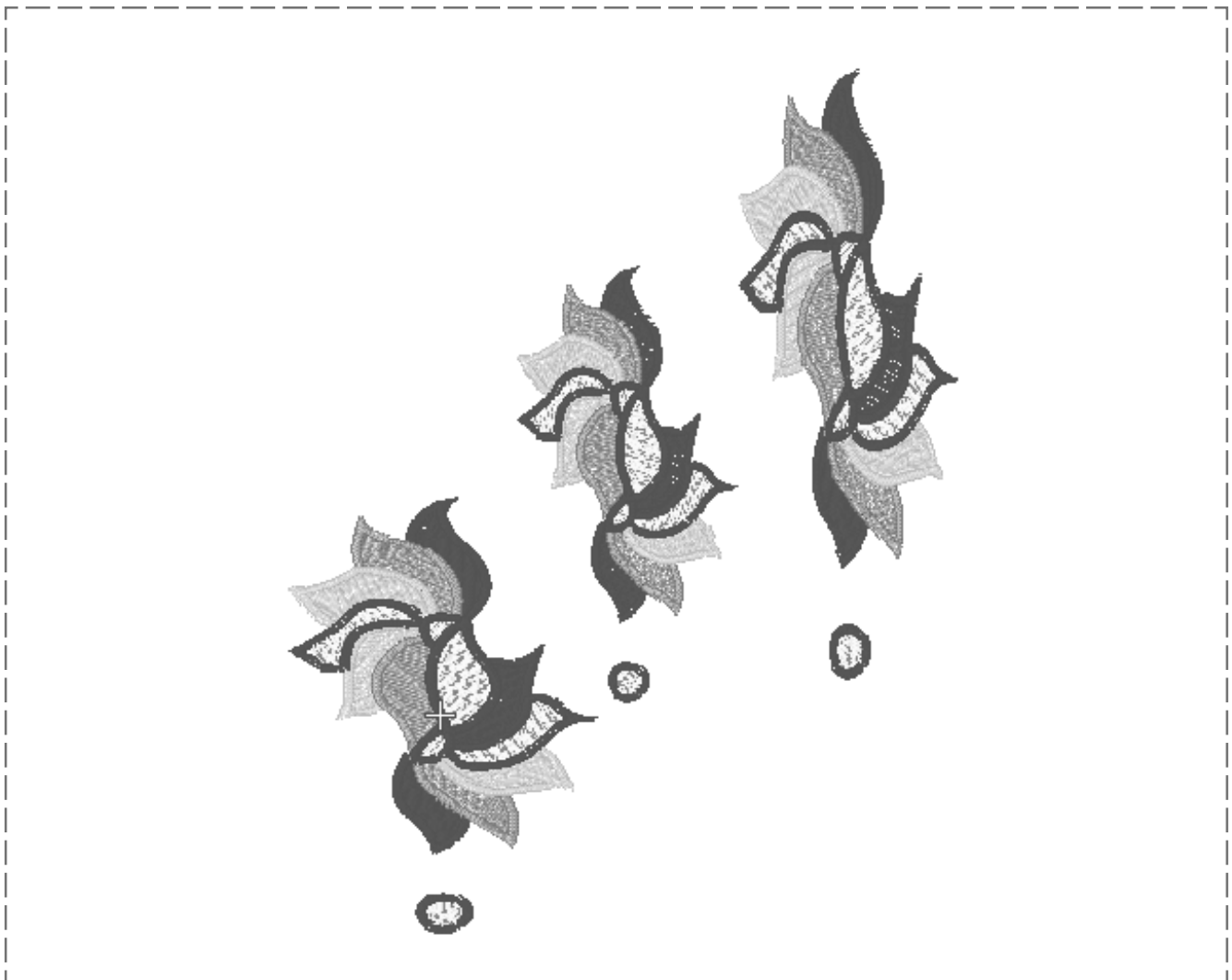
Owner's manual pgs.____

- Menu
 - returns to the last selected menu, either module or card
- Adjust Width
 - compress or expand the motif horizontally
- Layout 1
 - returns to the Layout 1 screen
- Adjust Height
 - compress or increase height of motif vertically
- Show
 - view a small representation of the design rather than the box outline
- Adjust Density
 - increasing stitch density (left icon) adds more stitches
 - beneficial when using very fine embroidery thread
 - beneficial when a densely stitched motif is desired
 - decreasing stitch density (right icon) removes stitches
 - beneficial when using heavy embroidery thread
 - beneficial when a less densely stitched motif is desired
- Adjust Stitch Length
 - most visibly affect the fill stitches
 - reduce the stitch length using the left icon
 - increase the stitch length using the right icon

- Increase the height of the design to 140%.
- Touch Layout 1.
- Use the layout arrows to move the design to the upper right corner of the hoop.
- Touch Temporary Save.

- Touch one of the layout arrows to create a duplicate of the design.
- Touch Layout 2.
- Return the height of the design to 100%.
- Increase the width of the design to 140%.
- Touch Layout 1.
- Use the layout arrows to move the design to the lower left corner of the hoop.
- Touch Temporary Save.

- Touch OK to process the design combination.
- Embroider the design.
- Trim and mount the sample below, noting the width and height alterations beside each design.



STITCH DENSITY

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread
	Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Module Designs:	Alphabet (Drifter), Collection 6

Owner's manual pg.____

- Select alphabet #1 - Drifter - and the letter "B".
- Select Layout 1 and increase the size of the letter to 200%.
- Touch Temporary Save.

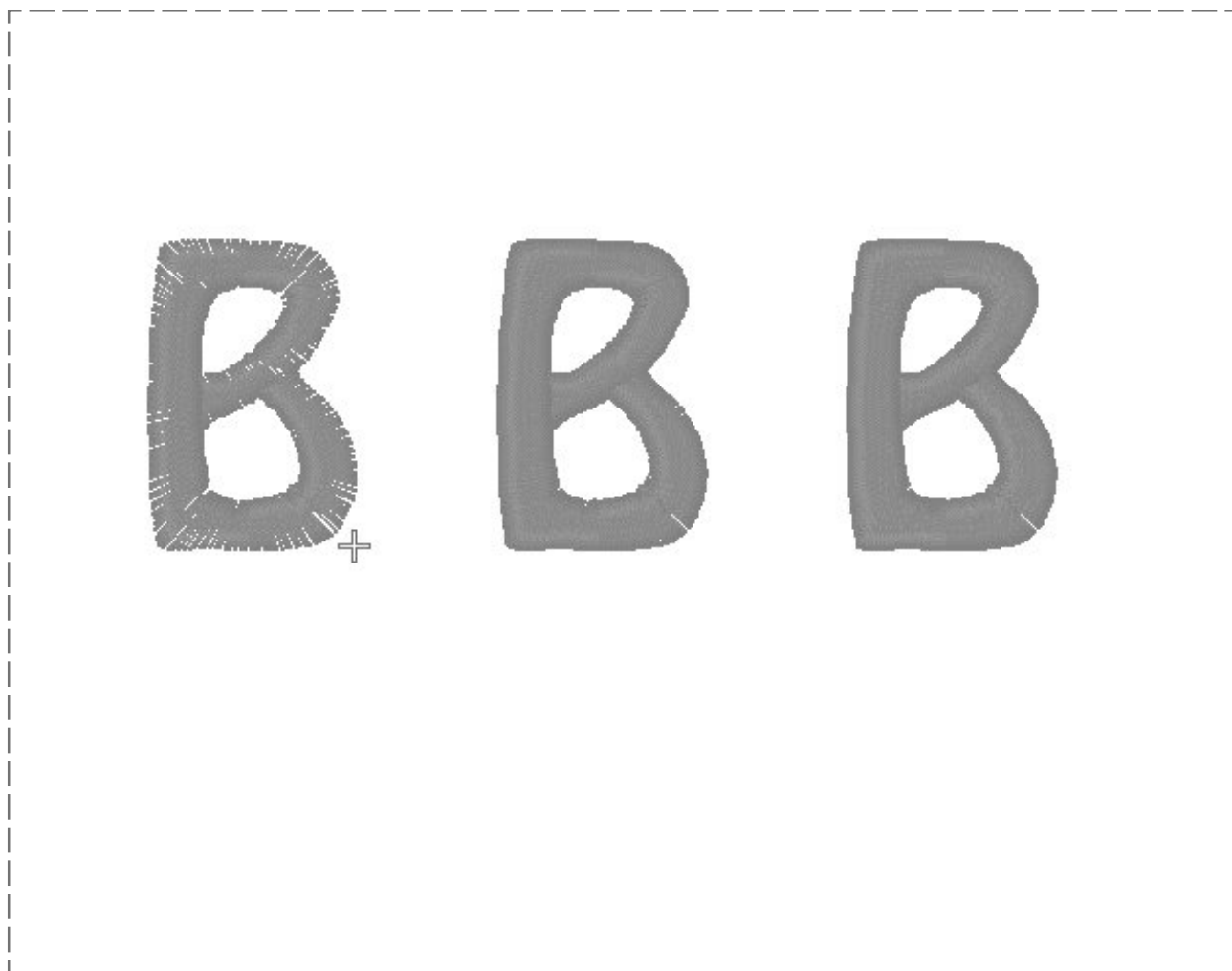
- Duplicate the design two more times so that there are three "B"s on screen.
- Move and Temporary Save one "B" to the right and the other to the left, leaving one in the center.
- Retrieve the "B" on the right, then select Layout 2.
- Alter the stitch density to 160%.
- Select Layout 1, then touch Temporary Save.

- Retrieve the "B" on the left, then select Layout 2.
- Alter the stitch density to 40%.
- Select Layout 1, then touch Temporary Save.

- Touch OK to process the design.
- Embroider the design.
- Trim and mount the sample on the following page, noting the stitch density of each design.

Note: Notice that the satin stitches moved closer together or further apart, while the straight stitches under the design remained unchanged. Stitch density changes affect both satin stitching and step stitching.

STITCH DENSITY



STITCH LENGTH

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Module Designs:	Design #30 (French horn), Collection 6

Owner's manual pg. ____

- Select design #30 - the French horn - from Collection #6.
- Select Layout 1, then increase the size of the design to 150%.
- Touch Temporary Save.

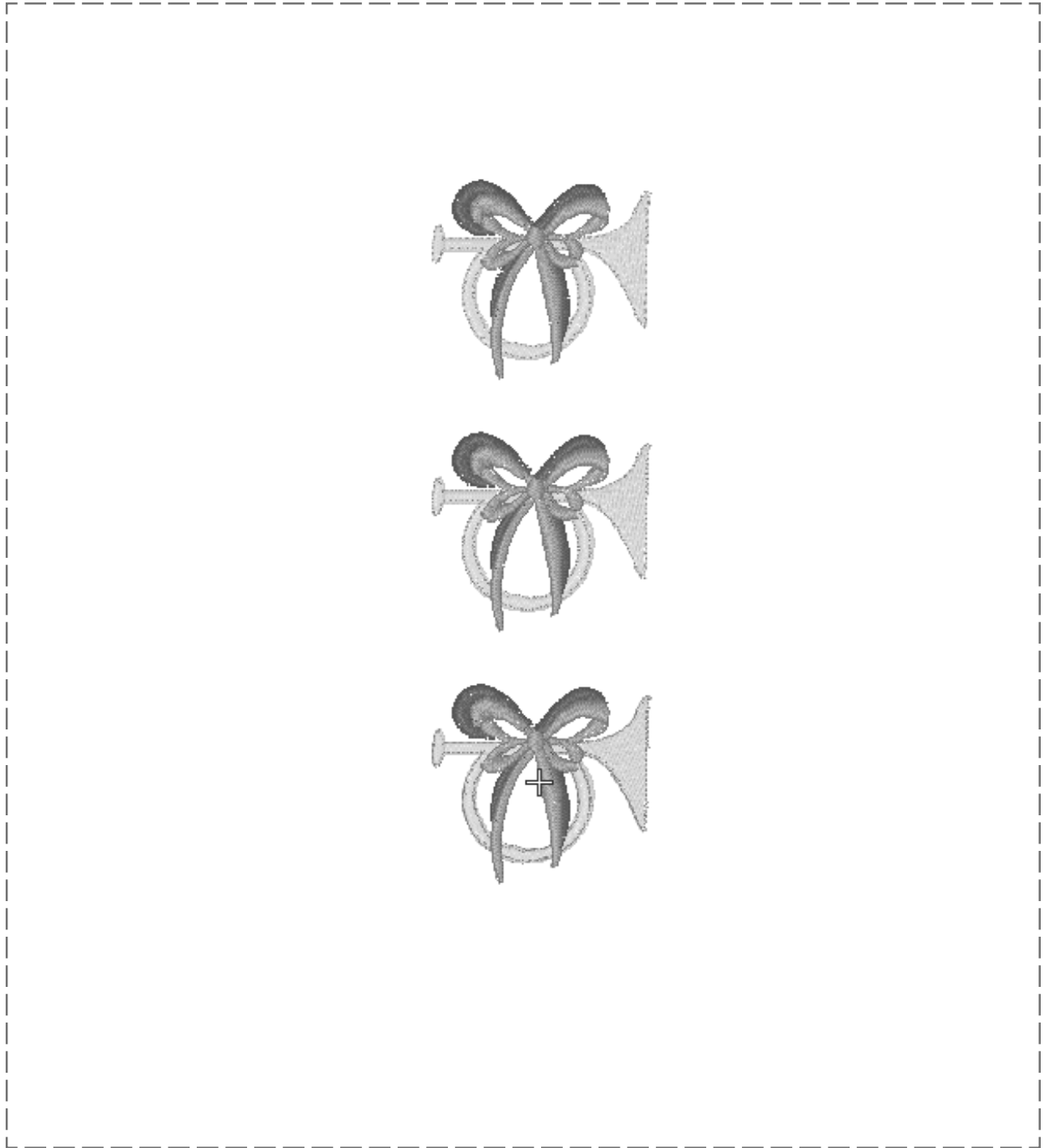
- Duplicate the design two more times so that there are three horn designs on screen.
- Move and Temporary Save one of the horns at the top of the hoop, and one at the bottom of the hoop, leaving one in the center.
- Retrieve the horn at the top of the hoop, then select Layout 2.
- Alter the stitch length to 50%.
- Select Layout 1, then touch Temporary Save.

- Retrieve the horn at the bottom of the hoop, then select Layout 2.
- Alter the stitch length to 150%.
- Select Layout 1, then touch Temporary Save.

- Touch OK to process the design.
- Embroider the design.
- Trim and mount the sample on the following page, noting the stitch length of each design.

Note: Notice that the stitches get shorter or longer with stitch length changes, while the spacing of the rows of stitches remains unchanged.

STITCH LENGTH



FREE ARM EMBROIDERY

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Stabilizer:	Poly-Mesh and Aqua Film
Module Designs:	Design #19 (sunflower), Collection 6

Adapter/Spacer

Owner's manual pg. ____

- Included with the embroidery module.
- Used for embroidering tubular items on the free arm of the *artista*.
- Attaching the Adapter:
 - Remove the accessory box and/or slide-on table from the *artista*.
 - Place the adapter on the sewing machine - refer to video.
 - Push the adapter toward the sewing machine to engage the lugs.
- Removing the Adapter:
 - Remove the module from the *artista*.
 - Grasp the right rear corner of the adapter.
 - Remove the adapter from the machine.

Small Hoop

Owner's manual pg. ____

- Only the small hoop can be used for free arm embroidery.

Embroider with the Free Arm

Owner's manual pg. ____

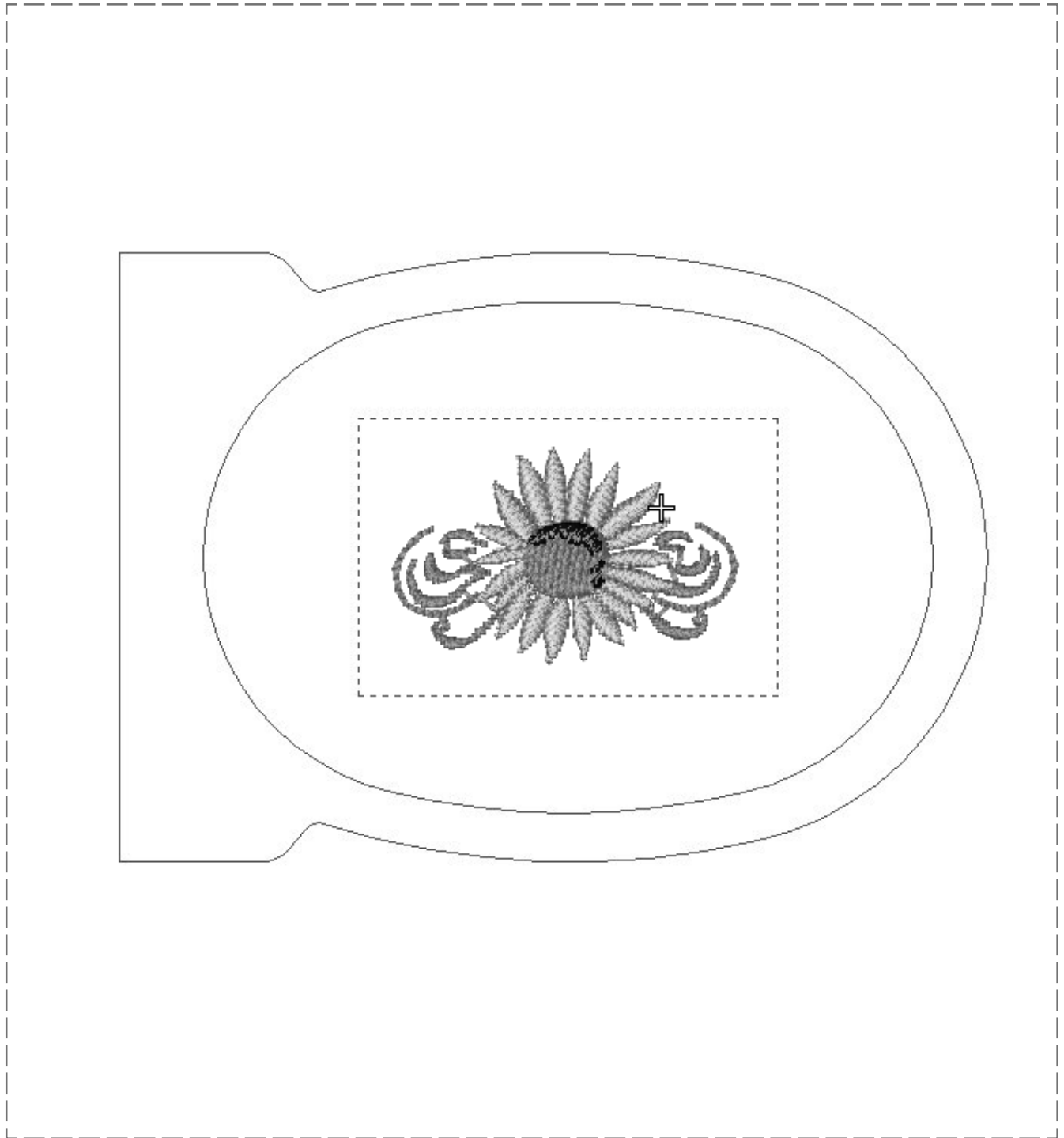
- Attach adapter to the module.
- **Do not attach hoop.**
- Select design #19 - sunflower - from Collection #6.
- Select Layout 1.
- Increase the size of the embroidery design to fill the hoop area.
- Touch Check; the embroidery are will move into position.
- Touch OK.
- When the stitch processing is complete and the embroidery arm has moved into the proper position, it is safe to attach the hoop.
- Attach the small embroidery hoop to the module.

Hooping the “Onesie”

*Note: The following process is best done while the **artista** is processing the embroidery design.*

- Mark the center of the design placement on the “onesie” with a wash-out marker.
- Turn the “onesie” inside out.
- Using 505 adhesive spray, secure a sheet of Poly-Mesh stabilizer behind the design area of the “onesie”.
- Slide the outer hoop (with attached bracket) through the sleeve of the “onesie” so that the embroidery area is facing up and the opposite sleeve fits over the free arm of the machine.
- With the template in place in the inner hoop, line up the center of the design and hoop the “onesie”.
- To keep the embroidery stitches from disappearing into the knit fabric, apply a layer of Aqua-Film to the fabric using a light misting of 505 on the Aqua-Film; smooth into place.
- When the stitch processing is complete and the embroidery arm has moved into the proper position, it is safe to attach the hoop.
- Attach the hoop and embroider the design.
- Use a plastic page protector to secure the “onesie” sample to the following page.

FREE ARM EMBROIDERY



WISH LIST

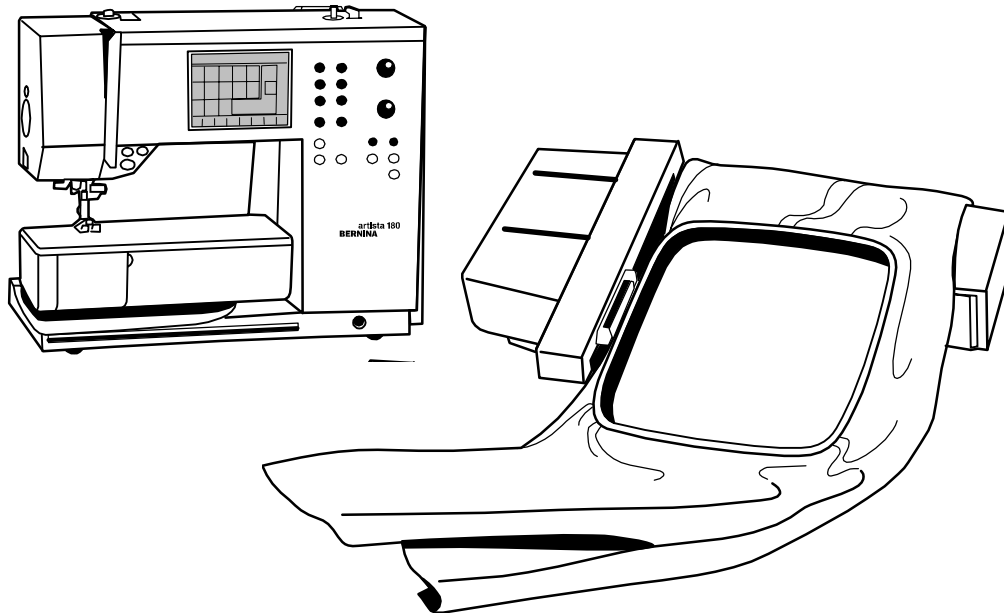
***artista* Embroidery Beginnnings**

- Embroidery Design Cards
 - _____
 - _____
 - _____
 - _____
 - _____
- 505 Temporary Spray Adhesive
- Stabilizers
 - Tear-Away
 - Cut-Away
 - Poly-Mesh
 - Water Soluble
 - Adhesive Paper
 - Iron-On Interfacing
 - Spray/Paint On
- Medium Hoop
- Hoop-It-All
- Embroidery Needles
- Isacord Embroidery Thread
 - color _____
 - color _____
 - color _____
- Other Embroidery Threads
 - color _____
 - color _____
 - color _____
- Multiple Spool Holder
- Bobbin Thread
- BERNINA® Embroidery Scissors

MASTERING YOUR

BERNINA®

artista Embroidery Module



OWNER'S WORKBOOK

Section B

Alphabet Antics

SECTION B

Alphabet Antics

Working with Alphabets

Owner's manual pg. ___

- Fonts available in Collection #6:
 - Drifter
 - Lisa
 - Blackboard
 - Swiss Block
 - Zurich
 - Alice
 - Bamboo
- Each alphabet includes two different "space" characters.
- To access an alphabet, touch the desired style.

- Select the first alphabet (Drifter)
 - the letters of the selected font appear

- Once an alphabet is selected, individual letters can be selected by touch; use the arrows to cycle through the letter selections.

- Select your first and last initial.
 - they appear in the memory bar as they are selected.
- Touch Del to delete the last letter entered.
- Touch OK and the screen reverts to the sewing screen.
- The saved letter appears on the large screen.

- Review the information that appears on the screen - Owner's manual pg. ____
- Letters and other characters are always saved in one color;
 - notice that the Single Color icon (paintbrush symbol) is activated.
 - to make each letter a separate color; touch the Single Color icon to deactivate it.

ALPHABET SAMPLER

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose colors to match the design
Presser Foot:	Embroidery Foot #15
Module Designs:	All 7 fonts, Collection 6

Owner's manual pg.____

- Select the first alphabet - Drifter - and program the word "Bernina".
- Touch OK.
- Select Layout 1; move the word to the top of the hoop.
- Use on-screen editing techniques to Temporary Save this design.
- Add the word "Bernina" to the design in the remaining six alphabet styles.

Note: Some of the alphabet styles may need to be reduced slightly to fit within the hoop; use the Show function to do this.

- Touch OK to process the final design combination.
- Embroider the design.
- Trim and mount the sample on the following page.

ALPHABET SAMPLER



Bernina
Bernina
Bernina
Bernina
Bernina
Bernina
Bernina

ON-SCREEN EDITING WITH ALPHABETS

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose one color
Presser Foot:	Embroidery Foot #15
Module Designs:	Design #15 (scroll border), Collection 6 Alice font, Collections 6

- Select design #15 - scroll border - from Collection #6.
- Select Layout 1; reduce design to 80%, rotate design 90°.
- Touch Show to make sure the design is rotated properly.
- Using the layout arrows, move the design to the bottom of the hoop.
- Touch Temporary Save to store the design.

- Touch Center to activate the exclusive duplicate feature that copies the current design, including all of the alterations that have been made, on-screen.
- Rotate the design 270 or simply activate the Mirror Image function.
- Using the layout arrows, move the design to the top of the hoop.
- Touch Temporary Save to store the design.

- Touch Menu to access the alphabets from the module.
- Select the sixth alphabet (Alice) and program the word "Bernina"; touch OK.
- Touch Layout 1; use the layout arrows to move the lettering up until the bottom of the box rests on the horizontal grid line.
- Touch Temporary Save to store the design.

- Touch Menu and select the sixth alphabet again.
- Program in the words "artista 180" or "artista 170"; touch OK.
- Touch Layout 1; use the layout arrows to move the lettering down until the top of the box rests on the horizontal grid line.
- Touch Temporary Save to store the design.

- Use the Retrieve function to activate each part of the design, then use the Show function to fine-tune the placement of the designs.
- Touch Temporary Save after each adjustment.
 - Note: The design outline boxes are the best tools to use for aligning the parts of a design. Use the Show function for fine-tuning of individual elements.*
- Touch OK to process the multiple parts of the design.
- Embroider the design.
- Trim and mount the sample on the following page.

ON-SCREEN EDITING
WITH ALPHABETS



WORKING WITH ALPHABETS

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Module Designs:	Bamboo font, Collection 6

- Return to the Menu Screen.
- Select the seventh alphabet - Bamboo.
- Select the letters to program "BERNINA"; touch OK.
- Select Layout 1; use the layout arrows to move the outline box up until the bottom of the box rests on the center grid line.
- Touch Temporary Save.

- Touch Menu; select the Bamboo alphabet again.
- Select the letters to program "Embroidery"; touch OK.
 - a message will appear indicating that the selected text does not fit in the hoop, directing you to shrink the size of the lettering or rotate the design.
 - touch Esc
- Touch Layout 1.
- Reduce the size of the letters to 90%, then touch Show; watch carefully to see if all of the letters are now visible on the screen.
- If all letters are not visible, continue to reduce the size to 74%.
- Touch Show to make sure that all the desired letters appear on the screen.
- Use the layout arrows to move the outline box down until the top of the box rests on the center grid line.
- Touch Temporary Save.

- Touch OK only when the editing is finished.
- Embroider the design.
- Trim and mount sample on the following page.

WORKING WITH ALPHABETS



BERNINA+
Embroidery

ARCHED LETTERING

Fabric:	Firm fabric and stabilizer, 11" x 13"
Needle:	Embroidery
Thread:	Isacord embroidery thread Choose thread colors to match design
Presser Foot:	Embroidery Foot #15
Module Designs:	Design #42 (epb dog), Collection 6 Bamboo font, Collection 6

- Select design #42 - elinor peace bailey dog - from Collection 6.
*Note: this design can also be found on the **artista** Studio BERNINA® Giggles, Gags, and Faces by elinor peace bailey embroidery card.*
- Select Layout 1; using the positioning arrows, move the design down until the top two corners are just inside the circle template.
- Select Temporary Save.

Add Arched Lettering to the Design

To add curved lettering to the design, you must select, rotate, and place each letter individually, using Temporary Save to store each letter. For greatest accuracy, use the outline boxes (rather than the Show function) to arrange letters.

- Select Menu.
- Select alphabet seven - Bamboo.
- Select the upper case "W"; place it to the right of the vertical placement line, rotating it to fit on the circle template.
- Touch Temporary Save.
- Touch Menu, then select the lower case "o"; place it to the right of the "W" so that the lower corners of the placement boxes touch.
- Rotate the "o" to fit the circle template.
- Touch Temporary Save.
- Continue in this manner, adding letters to complete the phrase "Bow Wow".
- After placing each letter, remember to touch Temporary Save.
- Select Retrieve; fine tune letter placement using the Show function.
- Touch Temporary Save after each adjustment.
- Retrieve the dog design and enlarge it to 120%.
- Touch Temporary Save.
- Touch OK to process the design.
- Embroidere the design.
- Trim and mount the sample on the following page.

*Note: **Do not delete this design.** Continue with the following two exercises for saving designs.*

ARCHED LETTERING



SAVING DESIGNS TO MACHINE MEMORY

- The arched lettering design (Bow Wow) should still be on the screen.
- Touch the external Mem button on the sewing machine.
- On screen, touch the Embroidery Module icon.
- Touch Store; the design is now saved in the memory of your machine.
- Touch OK.
- Touch Menu; scroll through the designs until you find the one you just stored.
- Select this design.

Continue with the following exercise.

SAVING DESIGNS TO A PERSONAL DESIGN CARD

Other:	Personal Design Card
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- The arched lettering design (Bow Wow) should still be on the screen.
- Insert a Personal Design Card into the module.
- Touch the external Mem button on the sewing machine.
- Touch the Teddy Bear icon.
- Touch Store; the design is not stored on your Personal Design Card.
- Touch OK.
- Touch Menu; select the Teddy Bear icon, then scroll through the designs until you find the one you just stored.

WISH LIST

Alphabet Antics

- Personal Design Card
- Embroidery Design Cards
 - _____
 - _____
 - _____
 - _____
 - _____
- 505 Temporary Spray Adhesive
- Stabilizers
 - Tear-Away
 - Cut-Away
 - Poly-Mesh
 - Water Soluble
 - Adhesive Paper
 - Iron-On Interfacing
 - Spray/Paint On
- Medium Hoop
- Hoop-It-All
- Embroidery Needles
- Isacord Embroidery Thread
 - color _____
 - color _____
 - color _____
- Other Embroidery Threads
 - color _____
 - color _____
 - color _____
- Multiple Spool Holder
- Bobbin Thread
- BERNINA® Embroidery Scissors