

**BERNINA
5 Series****Heirloom Made Easy**

Created by Nina McVeigh

This modern heirloom girl's ensemble was created on the BERNINA 580 using the beautiful stitches and wonderful embroidery features built into the machine.

The Absolute Check feature on the BERNINA 580 allows for perfect placement of the BERNINA Exclusive *Stitch 'n' Bloom* embroidery design on the dress and jacket.

The wealth of available BERNINA feet and accessories allows for perfection of the techniques.

**Supplies****Machine & Accessories**

- BERNINA 580 E Sewing & Embroidery Machine
- Mega Hoop
- Teardrop Embroidery Foot #26
- General Purpose Foot #1C
- Automatic Buttonhole Foot #3A
- Edge Stitch Foot #10 and #10C
- Button Sew On Foot #18
- Open Embroidery Foot #20C
- Patchwork Foot #37
- Clear Embroidery Foot #39
- Cut 'n' Sew #80 w/ Foot #90
- Spanish Hemstitching Attachment
- Cording Attachment

Threads

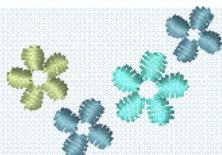
- Isacord Thread to coordinate with dress fabric
- #60 wt Cotton Thread for Bobbin Fill
- Construction Thread to match fabric
- Pearle cotton #3 or similar cord

Embroidery Design Collection

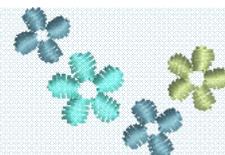
- BERNINA Exclusive Embroidery Collection - *Stitch 'n' Bloom* #21000

Fabric & Notions

- The Bodice Dress by Collars, Etc. Pattern Company
- Jacket Pattern 2033 by McCall's
- Fabric as required by patterns plus $\frac{2}{3}$ yard extra of the dress fabric
- Lightweight Interfacing
- Organ Embroidery Needles #75
- Microtex Needles #70
- OESD Ultra Clean and Tear Stabilizer
- Pinking Shears
- Water Soluble Marker



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Embroidery



Preparation of the Design In BERNINA V6 Software (Optional)

- Select Design #21000-04 from the Stitch 'n' Bloom BERNINA Exclusive Embroidery Collection.
- Ungroup the design. Select color 2 and change it to the darker of the two colors you are using.
- Select the rest of the colors (4) and change them all to the lighter of the two colors you are using.
- Select the design then Sequence by Color.
- Save the design in the format needed for your machine.



Setting up the design in the machine

- Open the design.
- Select the Hoop Menu and select the mega hoop. Turn on the Grid.
- Duplicate the design.
- Select both designs and using the Move Motive icon, move the two designs to the lower half of the hoop.
- Select the upper design and duplicate.
- Select the new design and duplicate.
- There should now be four designs in the hoop.
- Use the Zoom and Pan feature to look more closely at where the designs connect.
- Select each design and then the Move Motif icon to move each design into position so they are just touching each other.
- Select the entire design.
- Select Object properties and decrease the density to 80%.
- ALWAYS do a test sew out to see how this has affected the design.
- Touch the needle to go to embroidery, then the pencil for edit.
- Go to the hoop menu to find Absolute Check—select it.
- Close the hoop menu. You will now be able to touch the design to check for perfect placement on your fabric.



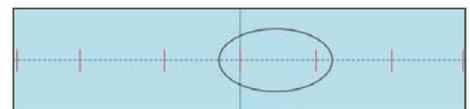
Embroidering the Band

- Seam the two 12 1/2" bands together to form one long strip.
- Mark the lengthwise center of the strip, this is the centering line for your design.
- Measure the design and divide out the band for the number of pattern repeats. You may need to "tweak" the size of the design to fit the areas you marked off.
- Embroider.



Embroidering the Jacket

- Mark a line 1/4" up from what will be the finished bottom edge of the jacket. This is the centering line for you designs.
- Mark a line 2 1/2" from what will be the finished front of the jacket on both front pieces.
- If the jacket is a small size, 3 designs in the hoop may be more appropriate than 4.



Follow Pattern Instructions adding these Special Techniques

Special Construction Techniques

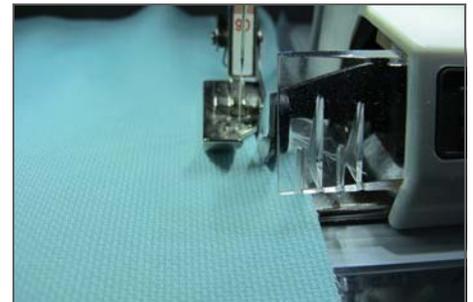
Scalloped Corded Edge - Collar

- When Seaming Collar Sections decrease the stitch length to 2.0 for a smoother turn.
- Trim Collar seam allowance using a pinking shears.
- Turn and Press.
- Attach Cording Attachment to the bed of the machine.
- Attach Clear Embroidery Foot #39.
- Thread cording through the attachment and through the foot.
- Select Stitch #3 L1.65 W 2.4 Needle Far Right.
- Guide finished edge of collar to the left of red marking in the center of foot.



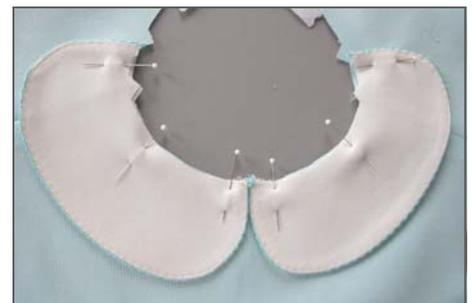
French Seams

- Use this technique wherever you have exposed seams.
- Attach the Cut 'n' Sew Accessory to the bed of the machine making sure the fork is over the needle screw. Attach Foot #90.
- Before starting to sew, make a 1/2" snip along the desired cutting line. Tuck this piece under and to the right of the knife, enabling the fabric to feed through the Cut 'n' Sew and under the presser foot.
- Place fabric edges even with **wrong** sides together. Trim off enough seam allowance to leave approximately 1/4" seam allowance. Seam allowance will be overcast as you sew.
- Attach Reverse Pattern Foot #1C. Fold seamed fabric right side together. Place folded seam inside the right toe of the foot.
- Move needle position 4 to the left and sew finishing the French seam.



Under Stitching

- Pin collar on dress bodice. Place lining or facing on bodice, right sides together and seam.
- Turn right side out rolling seam towards lining or facing.
- Attach the Edgestitch Foot #10 to the machine.
- Place guide on foot in the ditch of the seam with the dress to the right and the lining or facing to the left.
- Move needle position 2-3 positions to the left and stitch.



Edge Stitching

- Continue with the construction of the dress.
- Perfect the finish of the garment by edge stitching the skirt and the back of the dress
- Use the Edgestitch Foot #10 and/or #10C.
- Place the guide on the edge of the bodice placing the bodice to the left of the guide. Move the needle 3-4 positions to the left.
- For edge stitching bodice where the skirt joins, move needle far left.



Special Construction Techniques Con't...

Corded Hem

- Fold up the bottom edge of skirt 1 1/2" and press.
- Using a water soluble marker, draw a line 1" from the fold on the right side of the dress.
- Attach the clear embroidery foot #39/39C and load with the Pearle Cotton.
- Select the zig zag stitch #2 with a width of 2.4 and length of 1.9
- Stitch on the marked line. Thread the tails of the cord at beginning and end through the eye of a large needle and carry to the back of the fabric—tie off.
- Trim the hem edge to the zig zag stitch on the back side.

Constructing the Lower Band

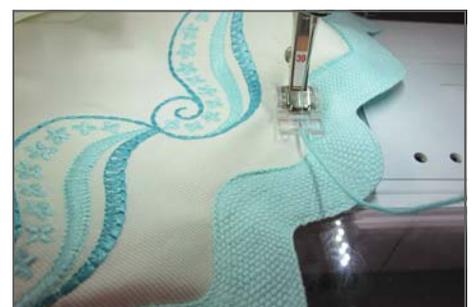
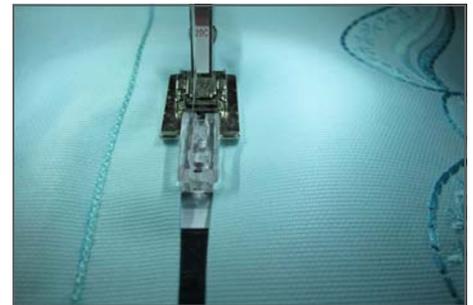
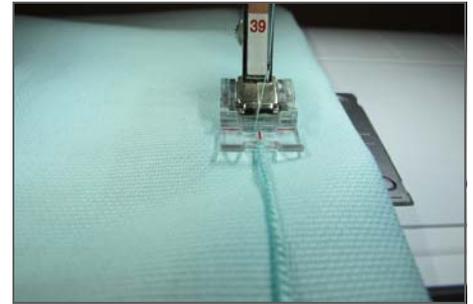
- With lower band embroidered, fold in half lengthwise and seam using a 1/4" seam allowance.
- Press the seam open.
- Turn the band right side out and press so that the seam is centered in the back of the band.
- Seam the ends together beginning about 2" from the seam, continue around the end of the bands as far as you can. There will be a small amount that you will need to finish by hand.

Spanish Hemstitching

- Attach the Open Embroidery Foot #20C foot to the machine.
- Secure one of the 9mm spacers to the Hem Stitching Attachment. (One is for light weight fabrics and one is for medium weight fabrics).
- Thread the machine with 50wt cotton thread both bobbin and needle.
- Select stitch #311 — default settings.
- Stitch, catching the dress edge on one side and the finished band on the other side.
- Pull beginning and ending thread tails to the back and tie off.

Corded Ric Rac (on Jacket)

- Starting in center back, pin the jumbo ric rac to the finished bottom edge of the jacket. This way it comes out the same on both sides of the front.
- Using a straight stitch and the Clear Embroidery Foot #39, stitch the top edge of the ric rac to the garment.
- Leave approximately 1/4" turn allowance at each end of the ric rac.
- Treat the raw edge with Fray Check.
- Turn edge under and straight stitch to the front edge of the jacket.
- Continue with the #39 foot and thread the cording through the foot.
- Select the Zig Zag stitch #2; set the width at 2.4 and length at 1.9.
- Guide the cord along the edge of the ric rac.



Special Construction Techniques Con't...

Sewing On Snaps

- Remove the pin from the Button Sew On Foot #18.
- Position the snap under the foot. Sew using the auto program.

Button Fru-Fru

- Using a piece of the ric rac, gather it along one edge. Pull it up to a desired shape.
- Stitch it to the jacket, then stitch a button on top.



BERNINA 580 E

The BERNINA 580 E will wow you with its simple, yet classic design combined with superior function.

The BERNINA 580 E combination sewing and embroidery machine is compatible with the BERNINA Stitch Regulator, BERNINA Embroidery Software V6 and the CutWork Accessory and Software.

Visit www.berninausa.com for more information.

