BERNINA 830
Machine & Module Cover

Created by Debbi Lashbrook

Make a sleek, tailored cover for your BERNINA 830 Sewing Machine and Embroidery Module. The cover is designed to protect both the machine and the module when the module is parked for embroidery.

Visit bernina.com

Download the FREE BERNINA 830 Signature Motif

Go to *Experience > FREE Downloads*

Supplies

Machines and Accessories
- BERNINA 830 Sewing & Embroidery Machine
- BERNINA Jumbo Hoop
- BERNINA Serger
- BERNINA Embroidery Software 6 (ArtLink, EditorPlus, or DesignerPlus) for printing templates
- BERNINA USB Stick
- Walking Foot #50
- Bulky Overlock Foot #12C
- BERNINA 830LE Etched Alphabet Collection or favorite lettering collection of choice.

Fabrics and Notions
- 2¼ yards of 45"-wide fabric
- 2¼ yards of 45"-wide fabric for lining
- 2¼ yards of 45"-wide batting
- 2¼ yards of 45"-wide Pellon Tru-Grid
- 1 yard of HTC Fusi-Knit fusible interfacing
- 4 yards of ¼"-diameter cord to cover
- OESD MediumWeight Tear-Away Stabilizer
- 505 Temporary Spray Adhesive
- Isacord embroidery thread
- Mettler Metrosene polyester thread
- 3 cones of Mettler Metrocor serger thread
- Embroidery needle, Sharp, size #80/12
- Sharp needle, size #90/14
- Universal needle, size #100/16 for piecing layers
- Cut for the Cure" 4" x 4" ruler
- "Cut for the Cure" 7" x 24" ruler
- Chakoner chalk marker
- Chalk pencil
- Rotary cutter and mat

Cut the Fabric

Cut blocks of the outer fabric, batting, and lining/backing in the sizes shown, following the layout diagram below. The first measurement should be placed along the lengthwise grain as shown in the diagram.

- ◊ Piece 1   Machine Cover Front   18" x 25"
- ◊ Piece 2   Machine Cover Back   18" x 25"
- ◊ Piece 3   Machine Cover Top   12" x 25"
- ◊ Piece 4   Module Cover Top   30" x 28"
- ◊ Piece 5   Module Cover Sides   20" x 20"
- ◊ Piece 6   Machine Cover End   18" x 12"
- ◊ Piece 7   Connecting Piece   12" x 16"

- ◆ Cut enough 1¼" bias strips from the remaining outer fabric to cover about 130" of cord.
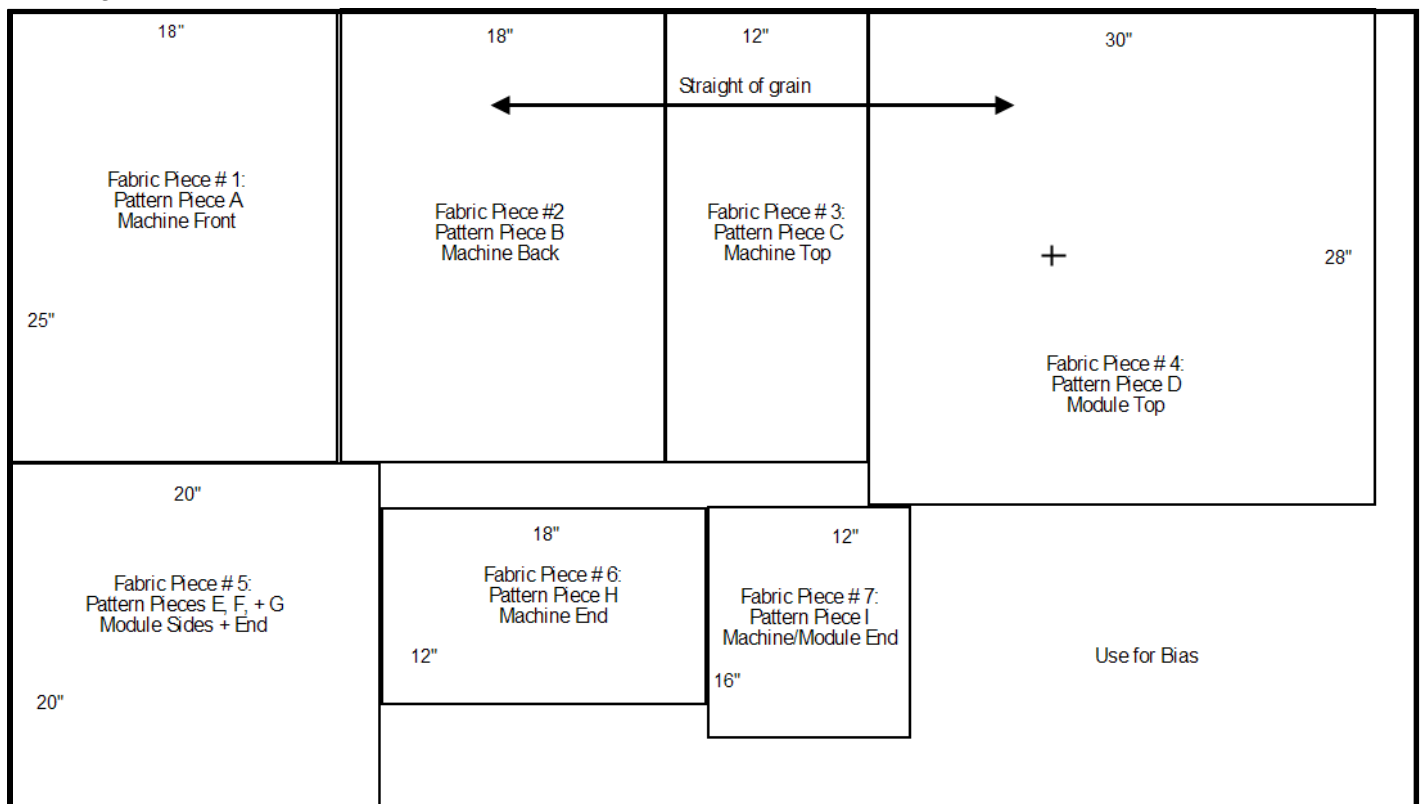
Embroider the Machine Cover Front

- ◆ Download the BERNINA 830LE Signature embroidery motif from bernina.com. Open BERNINA Embroidery Software and open the 830LE design. Transfer the design to the BERNINA USB Stick.

- ◆ Select File > Print Preview > Print Now to print a template of the 830LE design. Use the template to determine the placement of the embroidery design on Piece 1, the Machine Cover Front.

- ◆ Mark the center of the design with a cross on the right side of the fabric, then press lightweight fusible interfacing to the wrong side of the fabric
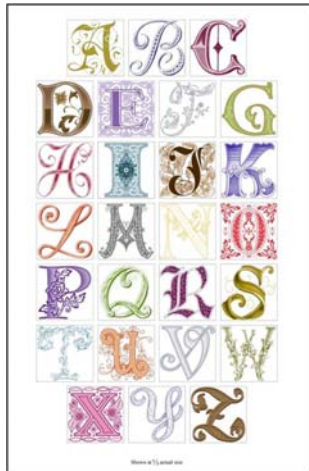

over the area where the design will be stitched.
- ◆ Lightly spray a piece of MediumWeight Tear-Away stabilizer with 505 Temporary Spray Adhesive. Place the interfaced fabric over the stabilizer, using the template as a guide to make sure the area to be embroidered is within the hoop.

- ◆ Hoop the fabric sandwich in the Jumbo Hoop and place the hoop on the machine.

Layout diagram:

- 18" — Fabric Piece # 1: Pattern Piece A, Machine Front — 25"
- 18" — Fabric Piece #2: Pattern Piece B, Machine Back
- 12" — Fabric Piece # 3: Pattern Piece C, Machine Top
- Straight of grain
- 30" — Fabric Piece # 4: Pattern Piece D, Module Top — 28"
- 20" — Fabric Piece # 5: Pattern Pieces E, F, + G, Module Sides + End — 20"
- 18" — Fabric Piece # 6: Pattern Piece H, Machine End — 12"
- 12" — Fabric Piece # 7: Pattern Piece I, Machine/Module End — 16"
- Use for Bias

- Insert the BERNINA USB Stick into the BERNINA 830 and download the 830LE design to your machine. Select the design from the My Designs folder.

- Touch the Center Motif icon to check the center of the design against the center mark on your fabric. If necessary, touch the Move Motif icon and use the Multi-Function knobs to align the needle with the center mark on the fabric.

- Insert a new Embroidery Sharp needle into the machine. Thread the machine with Isacord embroidery thread. Make sure the bobbin is threaded for embroidery.

- Embroider the design on Piece 1, the Machine Cover Front.

Embroider the Machine Cover End

- Open BERNINA Embroidery Software. Insert the 830LE Etched Alphabet CD (or other Alphabet of choice) into your computer and open the design CD folder.

- Select the initial you wish to use on the end of your cover. Transfer the design to the machine.

- Print a template of your selected letter.

- Position the initial as desired on the machine cover end, Piece 6. Mark using the same technique as for the machine cover front embroidery.

- Embroider your selected initial on Piece 6.

Embroider the Module Cover Top

If preferred, these designs may be combined in BERNINA Embroidery Software and then sent to the BERNINA 830. The advantage of using the software is the ability to print a template of the combined designs and use it to position the designs on the fabric.

- Select the built-in designs folder. Select the Diane Gaudynski folder. Select design #10.

- Click on the Select Hoop icon and select the Jumbo Hoop.

- Select the Add Motif icon. Select design #12. Select Mirror Vertical, then drag the design or use Move Motif to move this design into place, aligning the ends as shown in the picture.

- Select the Retrieve icon and select both designs. Align them in the hoop so both designs are within the hoop boundaries.

- Select the Add Motif icon and scroll down to select design #22. Click on Rescale Motif Proportionally and rescale the design to 75%. Select the Move Motif icon and position this design as shown in the picture.

- Mark Piece 4, the Module Cover Top, with a cross 10½" from the left edge of the fabric and

15" from the top edge. This marks the center of the design. (See the "+" symbol on Piece 4 on the Fabric Layout Guide.)

♦ Layer the Module Top fabric, batting, and backing/lining, right sides out, spraying the layers with 505 Temporary Adhesive to hold them together. You will be embroidering n the layered fabrics and will not need a stabilizer for this design.

♦ Touch the Center Motif icon to check the center of the design against the center mark on the fabric. If necessary, touch the Move Motif icon and use the Multi-Function knobs to align the needle with the center mark on the fabric.

♦ Embroider the design on Piece 4, the Module Cover Top.

Quilt the Cover Pieces

♦ Remove the excess stabilizer from the wrong side of all the embroidered pieces.

♦ Make a "quilt sandwich" of the Machine Front fabric, batting, and backing/lining, with right sides facing out. Use 505 Temporary Adhesive Spray to hold the layers together for quilting.

♦ Create similar "quilt sandwiches" for all the remaining fabric, batting, and backing/lining pieces.

♦ Quilt all pieces as desired.

Channel Quilting

◊ Using the "Cut for the Cure" 7" x 24" ruler and Chakoner, draw a line parallel to the grainline along the right side of each fabric sandwich as a guide for the first row of stitching.
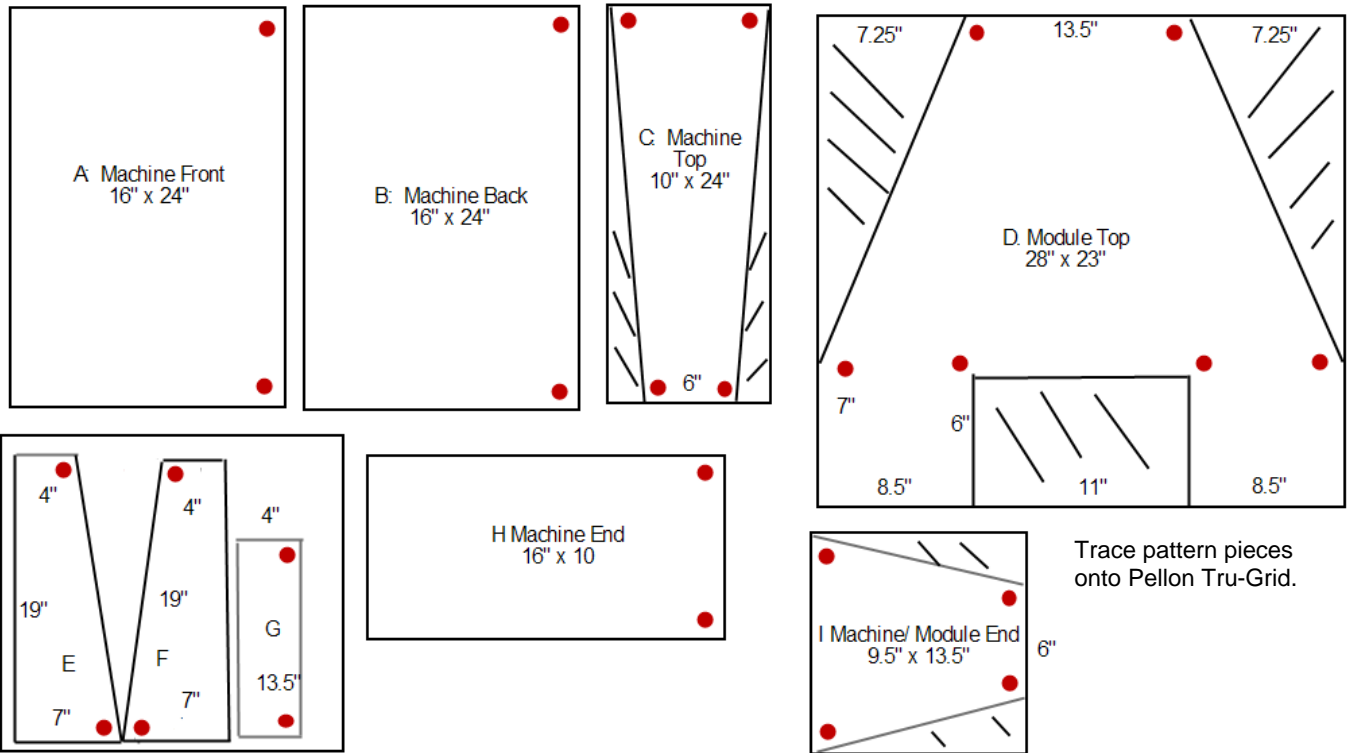

◊ Use the grooves on the slide-on table as a guide to set the Walking Foot Seam Guide at 2" from the center needle position. Attach Walking Foot #50 to the machine.
◊ Change the needle to a size 90/14 Sharp and rethread the bobbin for regular stitching. Set the stitch length at 3mm.

◊ Quilt the first row, aligning the center mark on the foot with the marked line on the fabric.

A: Machine Front
16" x 24"

B: Machine Back
16" x 24"

C: Machine Top
10" x 24"
6"

D. Module Top
28" x 23"
7.25" | 13.5" | 7.25"
7"
6"
8.5" | 11" | 8.5"

4" | 4" | 4"
19" | 19"
E | F | G
7" | 7" | 13.5"
7"

E + F Module Sides, front + back
G Module End

H Machine End
16" x 10

I Machine/ Module End
9.5" x 13.5"
6"

Trace pattern pieces onto Pellon Tru-Grid.

◊ Aligning the seam guide with the stitched row, sew the next row, keeping your eyes focused on the guide and making sure it follows the first stitched line.

◊ Continue stitching in this manner until the entire piece is quilted. Quilt each fabric sandwich. On the embroidered piece, stop and start again at the embroidery edges.

Free-Motion Quilting

◊ Install BERNINA Stitch Regulator #42 on the machine and free-motion quilt the fabric/batting/lining quilt sandwiches as desired.

Prepare the Pattern Pieces

♦ Make pattern pieces from the True Grid following the diagram at the top of this page. Be sure to check the accuracy of the Tru-Grid, as it is important that the pattern dimensions be accurate. Discard the shaded areas shown in the pattern diagram.
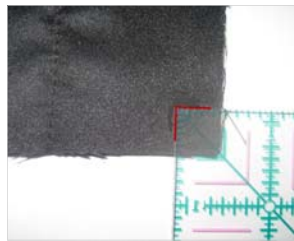
♦ Transfer the corner dots from the diagram to the pattern pieces. The red dots should be ½" from the cut edges.

- Cut out the Tru-Grid pattern pieces and lay them on top of the corresponding quilted pieces. Use the diagrams as guides.

- Cut the pattern pieces from the quilted fabric pieces using a rotary cutter, mat, and "Cut for the Cure" rulers.

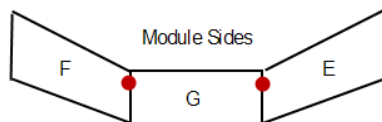- For pieces that need to be joined, plan the channel quilted "stripes" to match at the seams.
  - ◊ Match piece C with pieces A and B
  - ◊ Match piece D with pieces E and F.
- Use a chalk pencil to transfer the red dotted corner marks to the quilted pieces, marking them ½" from each side of the cutting lines on the backing/lining side of each quilted piece.

- Align the edge of Walking Foot #50 with the raw edge of the fabric and move the needle to one position right of center. Stitch just shy of the ½" seam line all around each quilted piece, pivoting as necessary.

- Set up the ser-ger for a 3-thread overlock stitch. Serge around all edges

Module Sides

F   E

G

Optional Front Pocket
- Use the extra fabric from Piece #4 (Module Top) to make a pocket for the front of the cover.

- Serge-finish the upper edge of the pocket (one of the short sides).

- Fold under 2" along the finished edge. Stitch ½" from the top of the pocket, down the side, across the bottom, and up the other side.

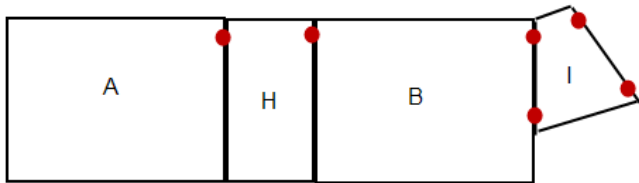- Trim the facing seam allowance along the edge of the top of the pocket.

- Press along the facing edge. Turn the pocket right side out and press the seam allowances toward the wrong side of the pocket.

- Edgestitch the pocket in place on the front of the machine cover, aligning the lower edge of the pocket with the lower edge of the front cover, 2½" from the right side of the cover.

of each quilted piece, guiding the edges so no fabric is trimmed away. For Piece #4, the Module Top, clip to the stay-stitching at each inner corner before serging the edges.

Assemble the Cover

♦ Change the sewing machine needle to a #100/16 Universal to accommodate the many layers of fabric. Continue to use Walking Foot #50.

Machine Cover

♦ The machine cover pieces go together in the order listed below:
  ◊ A to H
  ◊ H to B
  ◊ B to I
  ◊ I to A
♦ Match the corner dots at the top of the machine cover and pin the pieces together. Begin stitching at the red dots and stitch to the lower edge of the

cover. For Piece I, the machine/module end, stitch from red dot to red dot. Before stitching Piece I, measure the distance from the dot to the lower edge of the machine front and back and check to be sure both measure 6½".
♦ The module side pieces go together in the order listed below:
  ◊ E to G
  ◊ G to F

♦ Match the corner dots at the top of the module pieces and sew from the dots to the lower edge.

Make the Covered Cord

♦ Piece the bias strips together as shown in the photo below. Press the seam allowances open.

♦ Attach Bulky Overlock Foot #12C to the machine. Wrap the pieced bias strip around the cord and place it under the presser foot. Adjust the needle position as necessary to stitch at the side of the cord. Stitch the length of the cord.
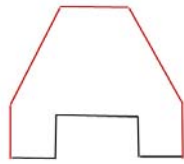

♦ Remove about an inch of cord from the beginning of the covered cording, then fold the end back to finish the edge. Pin this end to one of the back corners of Piece C, the machine cover top.

♦ Align the stitching line of the covered cording with the ½" seam allowance stitching line of the cover.
Stitch around the top, clipping the cording seam

allowances to pivot around the corners. Un-stuff and fold the end of the covered cord in the same way as the beginning.

- Stitch covered cording around the module top, following the red lines indicated in the   diagram.
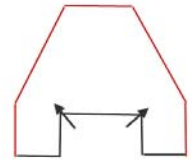
- At the ends of the module cover, pull the cord in-

side the bias wrapping and trim   off ½" so the cord will not be stitched into the hem allowance.
- Sew the machine top cover to the pieced machine sides from dot to dot along each edge. Move the seam allowances out of the way at each corner so they do not get caught in the stitching.
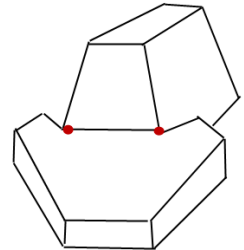
- Sew the module sides to the module top around the edges. At the front and back module arm section, round
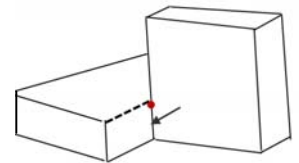
- Turn the cover pieces right side out and press them

- Slash ½" into each inner corner of the module cover top.

- Pin and stitch the module cover to the machine cover, right sides together, dot to dot, along the lower edge of Piece I to the insert edge of Piece D.

the corner as shown in the photo.

- Pin and stitch the lower sections of the front and back machine covers to the remaining edges of the module cover, right sides together, from the dot to the lower hem edge.

- Turn the cover right side out and press it.

- Turn under ½" along the lower edge of the combined covers. Press.

- Trim away the bulk of each seam allowance as shown in the photo.

- Stitch the hem in place using Walking Foot #50.