

**BERNINA  
8 Series**

# Retro Birds Kissing Pillows

Created by Jeanne Delpit

Did you know that pillows can kiss? Explore the many kissing pillow combinations available when you partner the BERNINA 830 with BERNINA Embroidery Software 6, the BERNINA CutWork Accessory and designs from the BERNINA Exclusive Embroidery Collection – Retro Birds. With the powerful on-screen editing tools in the BERNINA 830, re-scaling designs, moving motifs, mirror imaging, duplicating and virtual positioning of design combinations in the expansive Jumbo Hoop are just a touch screen away.



## Supplies

### Machine & Accessories

- BERNINA 830 Sewing & Embroidery Machine
- BERNINA Embroidery Software 6 or Artlink 6
- BERNINA CutWork Accessory
- BERNINA Jumbo Hoop & Template
- BERNINA Large Oval Hoop
- Reverse Pattern Dual Feed Foot #1D
- Zipper Dual Feed Foot #4D
- Bulky Overlock Foot #12C
- Teardrop Embroidery Foot #26
- Echo Quilting & CutWork Foot #44C

### Embroidery Design Collection

- BERNINA Exclusive Embroidery Collection - Retro Birds #21001
- 9" Square design - included with project download

### Fabric & Notions

- 1 yard of 45" wide fabric for two 9" Pillows
- 2 yds Medium weight Fusible Interfacing such as Armo Weft
- Rectangle of fabric for CutWork bird appliqué - 5"x6"
- 2 -14" Nylon Zippers to match fabric
- 3 yds ½" diameter decorative cord for trim

- 1 yd HeavyWeight CutAway Stabilizer
- ½ yd Hydrostick Stabilizer
- Appliqué Fuse and Fix
- Artist Transfer Paper *\*Optional*
- 505 Temporary Adhesive Spray
- Best Press Starch Alternative
- Organ Sharp Needle - #80
- Microtex Needle - #80
- Master Hooper™ *\*Optional*
- Cut for the Cure™ Rulers - 7"x14" and 14"x24"
- Rotary Cutter and Mat
- Water Soluble Marking Pen
- Exacto Knife
- Fiberfil to stuff pillows

### Threads

- Isacord Threads for embroidery
- Mettler 60 wt cotton thread or BobbinFill
- Mettler 50 wt cotton thread to blend with fabric
- Monofilament Thread - clear

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## Design Preparation with 830 LE On-screen Editing

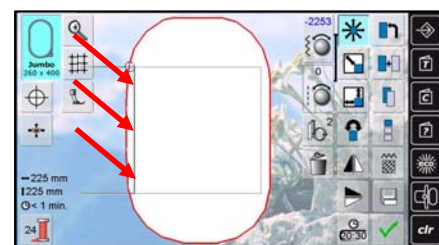
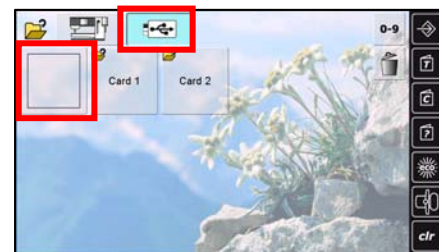
- Included with these instructions are free downloads of a 9" Square
- Save these files to your computer in a folder easy to recognize
- From your folder containing the downloads, save the 9" Square files for your 830 LE onto your BERNINA USB Stick
- Be sure to save all three files - the .exp, the .bmp and the .inf - to your USB Stick
- Insert your USB Stick into your 830 LE
- In the Embroidery Mode, select New Motif
- Select the USB Stick icon
- Select the 9" Square to open



- Select Duplicate for a total of two squares on the screen



- Select Move Motif
- Move the duplicated square to the left of the original
- Align the left side of the original square exactly on top of the right side of the duplicated square
- It does not matter if the duplicated square falls outside the hoop
- Ignore the red line around the hoop



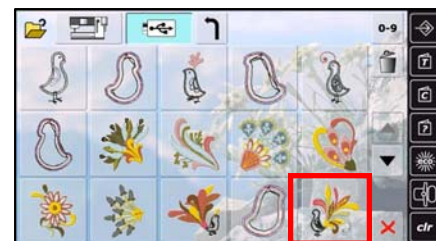
- Insert the Retro Birds Exclusive Design Collection #21001 into the USB port on your 830 LE

If you need some help deciding which motifs to incorporate onto your pillow fronts, print out templates from your BERNINA Software.

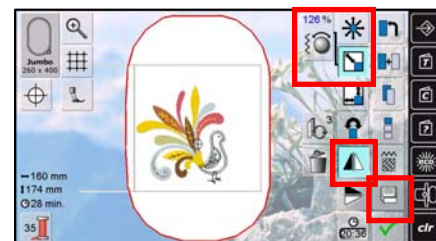
The following steps are how the project was created. Design your own kissing pillows with the Retro Birds Collection and find endless possibilities.



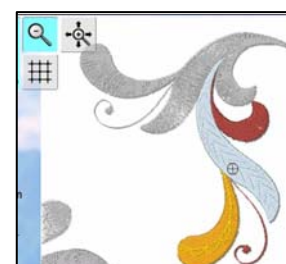
- Select Add Motif
- Note - Add Motif is a key function in the design process*
- Open the USB Stick and select your first motif
  - Motif 11 was chosen



- Select Mirror Image Right/Left
- Increase the motif Proportionally to 125%
- Position the motif in the lower left hand corner
- Save to Machine memory



- Select Add Motif
- Open Motif 24
- Rotate as desired
- Position the motif in the upper right hand corner
- Duplicate the motif
- Zoom in to arrange the duplicated motif as desired
- Save to Machine memory



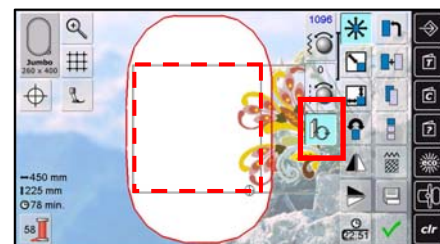


## Design Preparation with 830 LE On-screen Editing (cont.)

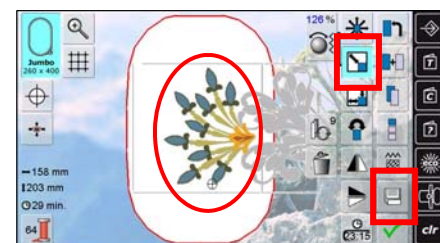
- Select Add Motif
- Open Motif 7
- Rotate and position in place at the top
- Duplicate the motif 2 times
- Mirror Image Right/Left both duplications
- Rotate and position the duplications as desired
- Save to Machine memory



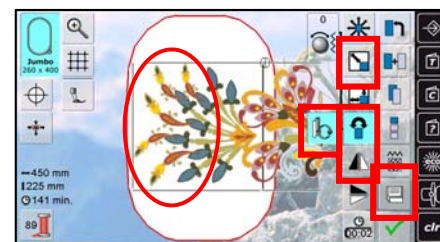
- Retrieve the entire design, including both squares
- Select Move Motif
- Turn the Stitch Width knob clockwise until the left square is centered in the Jumbo Hoop



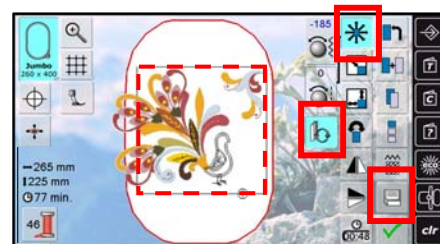
- Select Add Motif
- Open Motif 9
- Increase the motif Proportionally to 125%
- Rotate and position the motif in the desired position
- Save to Machine memory



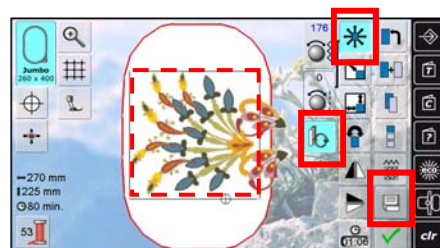
- Select Add Motif
- Open Motif 22
- Rotate and position in place at the side
- Duplicate the motif 4 times
- Mirror Image Right/Left to some duplications
- Rescale some duplications from 20%-25% smaller
- Rotate and position the duplications as desired
- Save to Machine memory



- Retrieve the entire composition
- Touch Move Motif twice to auto-center
- Using Retrieve to sequence through the motifs, Delete all those for the left pillow, including the left square
- Do Not delete the designs overlapping the squares
- Retrieve all parts of the right pillow including the 9" square
- Use the Stitch Width and Stitch Length knobs to center the right side 9" square inside the Jumbo Hoop
- Save to Machine memory



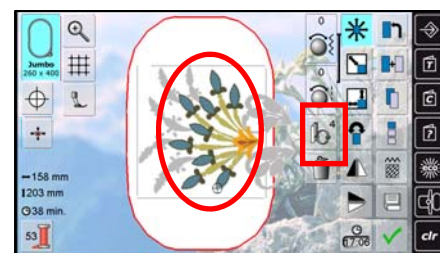
- Select New Motif
- Open the entire composition saved in the machine memory
- Using Retrieve to sequence through the motifs, Delete all those for the right hand pillow, including the right square
- Do Not delete the designs overlapping the squares
- Retrieve all parts of the left pillow including the 9" square
- Engage Move Motif
- Use the Stitch Width and Stitch Length knobs to center the left side 9" square inside the Jumbo Hoop
- Save to Machine memory



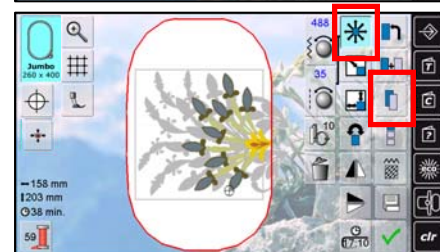
## Design Preparation with 830 LE On-screen Editing (cont.)

Note that the last 5 motifs added will stitch on top of the previous motif because that was how it was built.

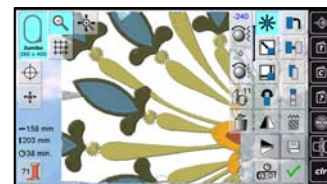
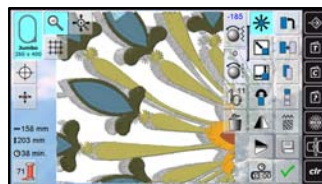
- Select Retrieve
- Retrieve the motif that should stitch last



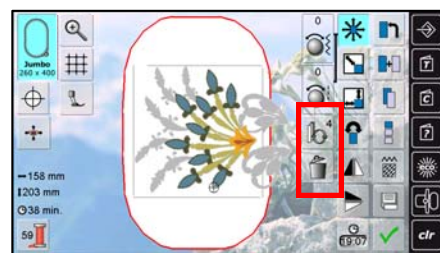
- Select Duplicate
- With Move Motif engaged, turn the Stitch Width and Stitch Length knobs to position the duplicated motif exactly on top of the original in the embroidery sequence



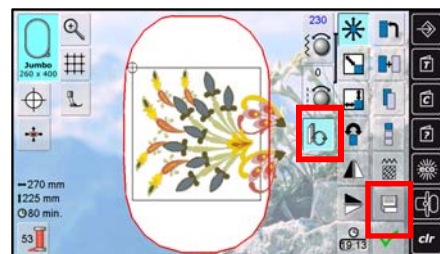
- Zoom in for fine tuning of placement



- Retrieve the motif on the bottom layer and not the duplicate
- Delete the motif on the bottom layer



- Retrieve the entire design
- Save to Machine memory



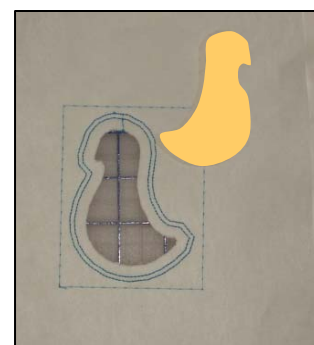
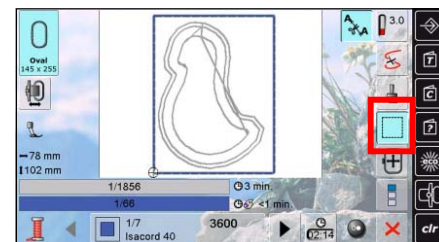
## Fabric Preparation and CatWork for Appliqué

- Spray and iron Best Press Starch Alternative onto the 5" x 6" rectangle of fabric for your bird's body
- Iron a piece of Appliqué Fuse & Fix to the wrong side of the starched bird fabric
- Hoop the Large Oval Hoop with Hydrostick stabilizer to fit
- Spray the hooped stabilizer with temporary spray adhesive
- Center the prepared 5" x 6" rectangle RIGHT SIDE DOWN onto the sticky adhesive; it will cut Mirror Image!
- Finger press fabric layer into place on the stabilizer
- Spray the wrong side of the 5" x 6" fabric with temporary spray adhesive
- Place a 5" x 6" rectangle of Hydrostick stabilizer onto the sticky surface of the fabric layer creating a sandwich
- Finger Press all layers in place



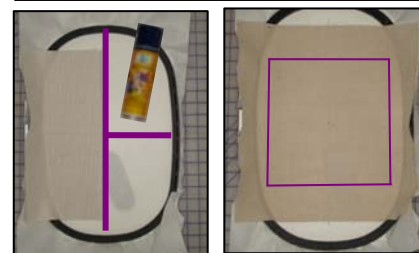
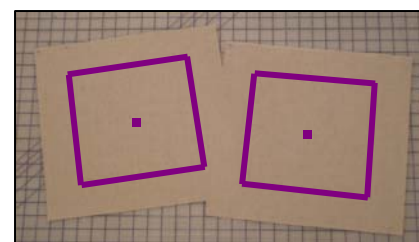
## Fabric Preparation and CutWork for Appliqué (cont.)

- Prepare your 830 LE for embroidery - Echo Quilting & CutWork Foot #44C / CutWork stitch plate/ Organ Sharp needle #80 / bobbin thread to match pillow fabric and threaded for embroidery tension / any color needle thread
- Attach the prepared hoop to the machine
- Select New Motif
- Open Motif 11\_CWA
- Increase motif Proportionally to 125%
- Touch the green check to confirm
- Select Baste Around Motif option
- Embroider until the Cutwork prompt appears
- Remove the needle thread from the machine
- Remove the needle and set aside for later use
- Insert the Cutwork Tool and turn the dial to position #1
- Start the machine, cutting all of Cut 1
- Turn the CutWork Tool blade for the 3 remaining cutting positions when prompted
- Remove all layers from the hoop
- Gently remove the cut bird shape from the background
- Score an X on the paper backing of the appliqué and set aside
- If your fabric was placed in the hoop correctly, your bird should be facing the right direction for your pillow



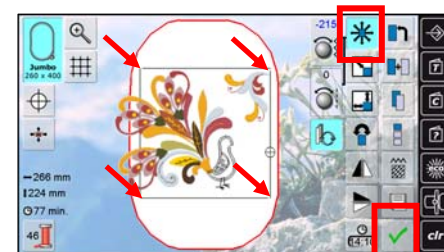
## Fabric Preparation and Embroidery for Pillow Fronts

- Press a Medium weight Interfacing to the entire back of the large fabric piece
- Cut 2 squares - 14" x 14"
- Cut 2 rectangles - 10" x 16"
- On the 14" squares, use a ruler and marking pen to draw 9" squares exactly in the center
- Mark the center point of the squares
- Hoop the Jumbo Hoop with 1 layer of Heavy CutAway stabilizer
- Using the marking pen and hoop template, mark the center hoop lines onto the stabilizer
- Spray the stabilizer with temporary spray adhesive
- Fold the pillow front in half, and again in quarters
- Align the fabric onto the stabilizer using the marked lines as guides
- Open the entire fabric fold and finger press to the sticky stabilizer



- Remove Foot #44C
- Attach Embroidery Foot #26
- Remove the CutWork Tool
- Insert the Organ Sharp #80

- Select New Motif
- Open the Right Pillow composition from the machine memory
- Select Move Motif
- Using the SW and SL knobs, position the 9" square in the center of the Jumbo Hoop parameter
- Touch the green check to confirm

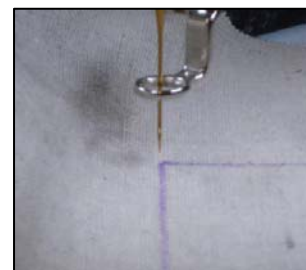
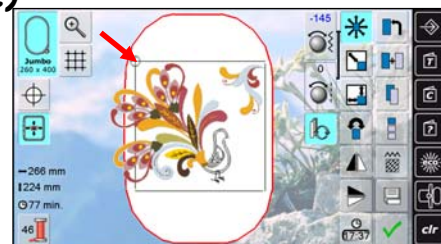




## Fabric Preparation and Embroidery for Pillow Fronts (cont.)



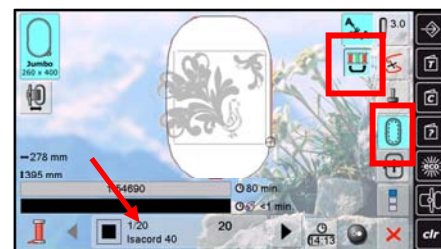
- Activate Virtual Positioning
- Touch the upper left corner of the square on the screen
- The hoop will move and the needle will travel to that spot on the hooped fabric
- Does your needle line up at the corner of your marked square?
- Select Move Motif
- Turn the SW and SL knobs until the needle is exactly over the corner of the marked square
- With Virtual Positioning still active, check the placement of the other 3 corners of the marked squares
- If you are slightly off, do not worry as you have ample fabric to true up the final pillow fronts after the embroidery is complete



- Touch the green check to confirm all changes
- Touch the green check again to confirm that you know the design is outside of the hoop
- If you wish to change any of the colors of the motif sections, now is the time to do so through the Color Bar



- Select Basting Around Hoop option
- Select Color Resequenece to stitch the same colors together
- Thread the machine with the first color used in the Retro Bird motif
- Use your foot control to stitch the basting box
- Advance past Color 2 and do not embroider the 9" square
- Continue stitching with Color 3



- When the machine reaches a stitch outside of the hoop field, the stitching will stop and an error message will appear
- Touch the red X to exit the screen
- Begin the embroidery again
- Proceed through the steps of stops and starts as the machine progresses through stitches outside the hoop



- When the embroidery sequence reaches the appliqué outline stitching, change the thread color for the appliqué outline stitch to blend with the fabric (*picture shows black as visual only*)
- When the outline stitch is complete, remove the paper backing from the cutwork appliqué to expose the sticky surface
- Position the bird appliqué sticky side down along the placement stitching line and gently finger press to adhere to fabric
- Attach Foot #44C
- Change the thread color as desired and stitch the bird's details
- Change back to Foot #26 after the bird details stitch



## Fabric Preparation and Embroidery for Pillow Fronts (cont.)

- Embroider the remainder of the pillow front
- Select Single Motif when the embroidery is complete
- Remove the fabric from the hoop and remove the basting stitches
- Trim away the stabilizer around the designs
- With a press cloth, lightly steam the pillow front on a flat surface



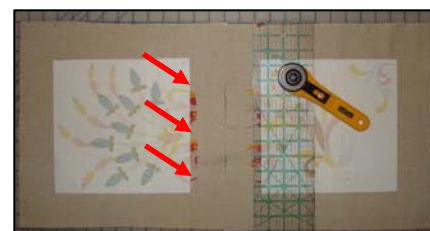
- Prepare another Jumbo Hoop following the same steps as for the right pillow side
- Select New Motif
- Open the Left Pillow composition from the machine memory
- Select Move Motif
- Using the SW and SL knobs, position the 9" square in the center of the Jumbo Hoop parameter
- Activate Virtual Positioning
- Make sure that stitch points on the screen align with the stitch points on the fabric
- Turn the SW and SL knobs to align the motif position
- Touch the green check to confirm
- Touch the green check again to recognize that the motif is outside hoop
- Select Basting Around Hoop option
- Activate Color Resequenece
- Embroider the left pillow front following same procedure as the right pillow front
- Advance past Color 2 and do not embroider the 9" square
- Continue stitching with Color 3
- Select Single Motif when the embroidery is complete
- Remove the fabric from the hoop and remove the basting stitches
- Trim away the stabilizer around the designs
- With a press cloth, lightly steam the pillow front on a flat surface



- To create tufting, gently slice down the center of the heavily built-up stitches of Motif 9 with a new blade on an Exacto knife
- Be careful not to slice too deeply and cut the fabric

- Print a template of the entire composition
- From the machine memory of your 830 LE, transfer your saved entire composition to your BERNINA USB stick
- Open the USB contents in your BERNINA Embroidery Software V6 or Artlink V6 and print the template

- Tape the template pages together and cut along the 9" square lines
- Place the finished pillow fronts face up on a cutting surface
- Pin the templates on top of the corresponding pillow front, exactly aligning the template markings with the actual stitching on the fabric



- Using a rotary cutter and ruler, cut 1/2" around the 9" square paper template on both pillow fronts yielding 2 completed 10" x 10" pillow fronts



## Fabric Preparation and Zippers for Pillow Backs

- Cut the 2 - 10" x 16" rectangles in half yielding 4 - 10" x 8" pieces
- Place 2 halves side by side
- Press under 1/2" on the adjacent 10" sides
- Lay the zipper down between the 2 pressed under sides

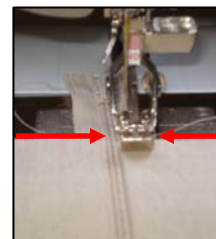


- Go into the Sewing Mode of your 830 LE
- Insert a Microtex #80 needle
- Put your 9mm throat plate back onto the machine
- Thread the machine with 50 wt cotton thread to match the fabric
- Wind a bobbin of the same thread and thread for sewing tension
- Attach Zipper Dual Feed Foot #4D
- Engage BERNINA Dual Feed
- Touch Clear to revert to the default Straight Stitch settings
- Make sure Pattern Extend is not engaged
- Move the Needle Position two from far right
- Align the fold of fabric on top of the zipper tape, next to the coil
- Let 2" of the zipper extend from the top and bottom of the fabric edge
- Stitch the fabric on top of the zipper tape left side
- Move the needle position two from far left
- Place the fold on the remaining fabric half on top of the zipper tape, next to the coil
- Make sure that the edges of the fabric are even where they are stitched to the zipper tape
- Stitch the fabric on top of the zipper tape right side
- Repeat for both pillows

- Place the pillow backs on a flat surface
- For optional fun, print some of the graphics files included with the Retro Birds Design Collection onto Transfer paper
- Use functions on your printer such as Mirror Image to print reverse images for transfer

- Position the Transfer Paper where the motif looks best
- Remember to allow a 1/2" seam allowance at the top and bottom of the 10" fabric height
- Once satisfied with the position, follow the manufacture's instructions and fuse the design to the pillow backs
- Trim each pillow back to a 10" square

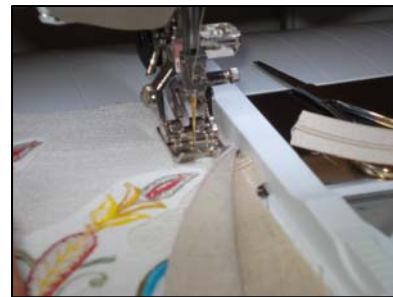
- Open the zippers half way down
- Align the pillow back to the respective pillow front, being sure both pieces are facing the same direction
- Pin the front and back together for each pillow
- Pin at the zippers to make sure they don't move





## Fabric Preparation and Zippers for Pillow Backs (cont.)

- Attach Reverse Pattern Dual Feed Foot #1D
- Engage BERNINA Dual Feed
- Touch Clear to revert to the default Straight Stitch settings
- Attach the Slide-on Table Seam Guide
- Position the guide 1/2" from the needle
- Stitch around all 4 sides of both pillows
- Cut the zipper ends off even with the fabric edge
- Press the seams open as best as possible and trim the corners
- Turn the pillows right side out through the zipper opening



## Final Trim Attachment

- Using a pressing cloth, lightly steam both pillows so the edges lay flat
- Cut cording into 2 - 1 1/2 yard pieces
- Wrap tape around each cut end of the cording to prevent unraveling
- Attach Bulky Overlock Foot #12C to the machine
- Select Stitch 3
- Thread your 830 LE with monofilament thread
- Engage Needle Stop Down
- Change Needle Tension to 2.5
- Change Stitch Width to 1.3 but adjust accordingly as you stitch making sure the zigzag is catching the cord
- Begin stitching at the bottom side of the pillow opposite from the side that creates the continuous embroidery effect
- Place the cord under the presser foot and butt the edge of the pillow next to the cord
- Slowly stitch around all 4 sides, pivoting at the corners making sure to catch the cord in the stitches
- When you reach the starting point, secure the stitching but don't overlap the cord
- To hid the cord tails, use a sharp pair of scissors or seam ripper and open about 1/2" of the side seam stitching of the pillow where the cording starts and stops
- Tuck the cord tails inside the seam opening and hand stitch the opening closed
- Stuff your pillows with Fiberfil and enjoy - together or separately!

