

A project from *Designer's Gallery*[®]

TruStitch Monkey Wrench Quilt



Give this traditional quilt pattern a new spin with unique fabrics and your own free-motion quilting. Use the Baby Lock TruStitch[™] Stitch Regulator for added stippling confidence. You'll achieve evenly spaced, consistent stitches.

Skill Level: Intermediate

Created by: Pieced by Linda Hagemann, Graphic Designer, written and quilted by Diane Kron, Software and Embroidery Project Manager

Supplies:

Baby Lock® Ellisimo Gold sewing and embroidery machine

Baby Lock® TruStitch™ Stitch Regulator (BLTS-BLSOG)

Ellisimo Gold Extension Table (BLSO-ET)

TruGlide Overlay (BLTS-O)

1½ yards background fabric

Color A 1½ yards of cotton fabric

Color B 1½ yards of cotton fabric

Batting

Madeira embroidery thread

Rotary cutter and mat

Instructions:

Finished size: 39" x 48"

Piecing:

1. This quilt was pieced together using the monkey wrench quilt pattern. To cut the needed sections follow the next set of steps:

Background fabric

- Cut four 3½" wide strips for the nine patch
- Cut two 3⅞" strips for half-square triangles
- Subcut the 3⅞" strips into 12 3⅞" squares

Color A

- Cut five 3½" strips for the nine patch
- Cut one 3½" strip for monkey wrench center
- Cut three 3⅞" strips for half-square triangles
- Subcut the 3⅞" strips into 12 3⅞" squares

Color B

- Cut five 3½" strips for monkey wrench sections
- Cut four 2½" strips for inner border

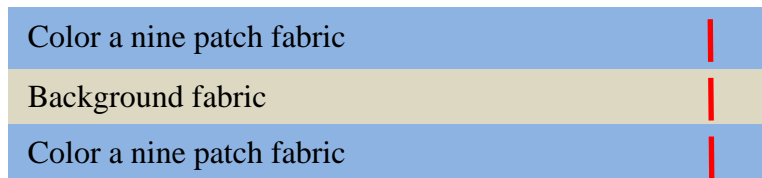
2. To make Set A, sew a 3½" Color A nine patch strip to a 3½" background strip. To the Color A nine patch strip, sew another background strip. Make one set.

Set A

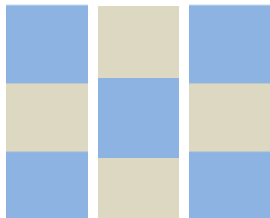


- Subcut into six 3½” wide sections (as shown above with the red broken line).
3. To make Set B strips, sew a 3½” wide Color A strip to a 3½” wide background strip. To the background strip sew another 3½” wide Color A strip. Make two sets.

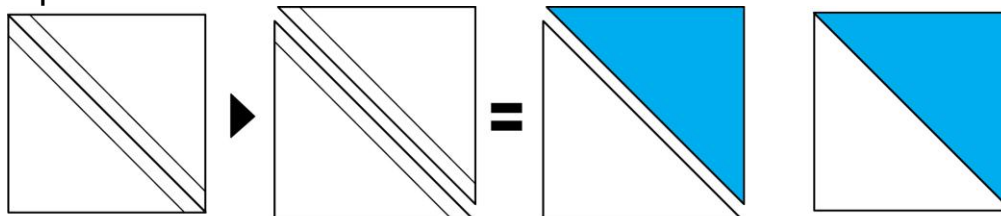
Set B



4. Subcut into 12 3½” wide sections as shown in the above illustration with the red broken line.
5. Piece Set A to two of the Set B sections (as shown below). Make six blocks. Set them aside for now.

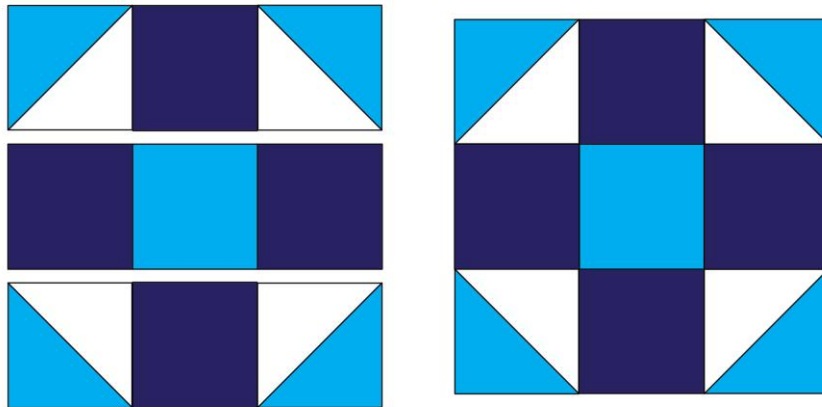


6. Using the 3⅞” background squares draw a diagonal line on the wrong side. Place the right side of a background square and the Color A squares together. Stitch ¼” on each side of the diagonally drawn line. Cut on the drawn line to make two pieces. Press the seam open towards the darker fabric. Make 24 squares.

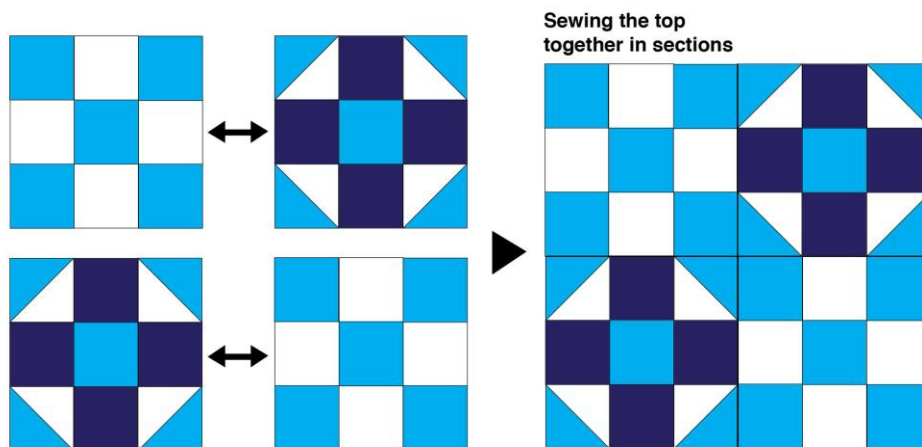


7. Using two of the 3½” Color B wide strips and one 3½” Color A wide strip, sew together with the Color A strip in the middle (as shown in the above diagram).

8. Subcut the strip into six $3\frac{1}{2}$ " wide sections (as shown above in the illustration with the red line).
9. Cut the remaining $3\frac{1}{2}$ " wide Color B strips into 12 $3\frac{1}{2}$ " squares.
10. Assemble six monkey wrench blocks using the half-square triangles, the section for the center and the $3\frac{1}{2}$ " Color B squares (as shown in the diagram below).

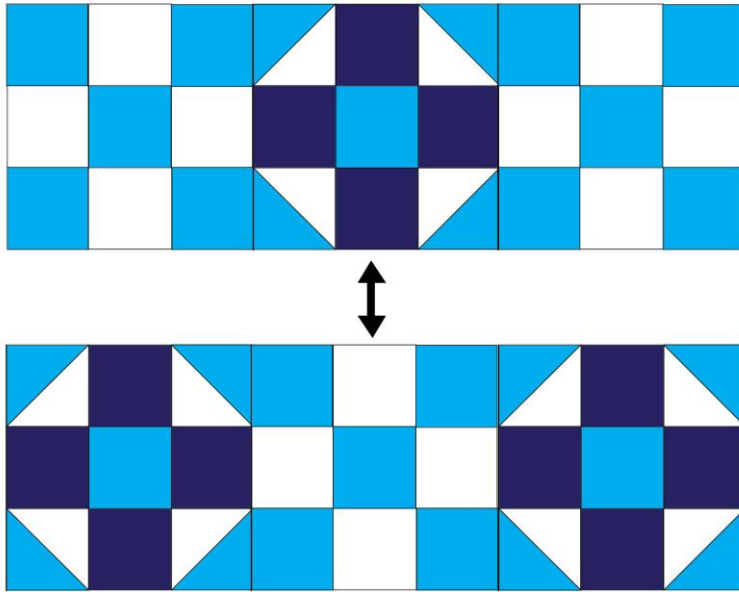


11. Follow the following illustration to assemble the rows together.



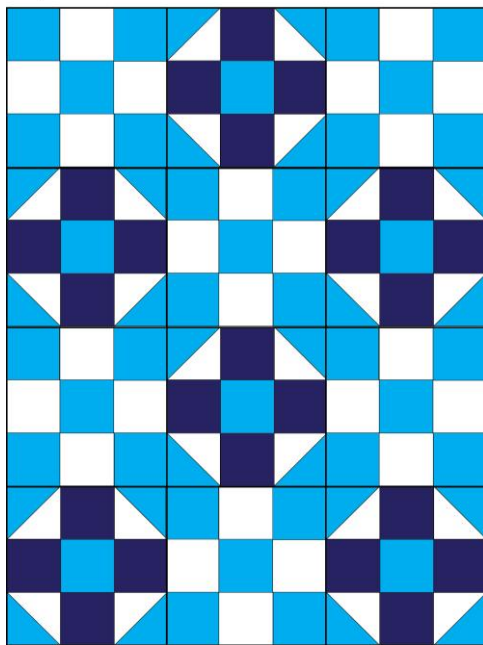
12. Refer to the next set of illustration to sew the rows together.

Sewing the top together in rows



13. See the following illustration to show the finished pieced quilt top.

Baby Size - Four Rows of Three Blocks



Quilting:

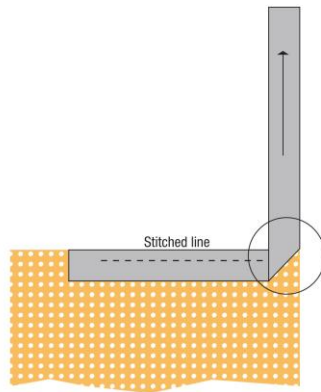
1. Sandwich the batting between the pieced top section and the back section for the quilt.
2. Follow the manufacturer's directions to set up the TruStitch Stitch Regulator. Plug in the cables and charge the Controller. When the blue light disappears the Controller is fully charged.
3. Attach the Ellisimo Gold Extension table to the machine. Place the TruGlide Overlay over the extension table so that

the small opening is placed under the needle area. Smooth the TruGlide section with your hand to remove any air bubbles.

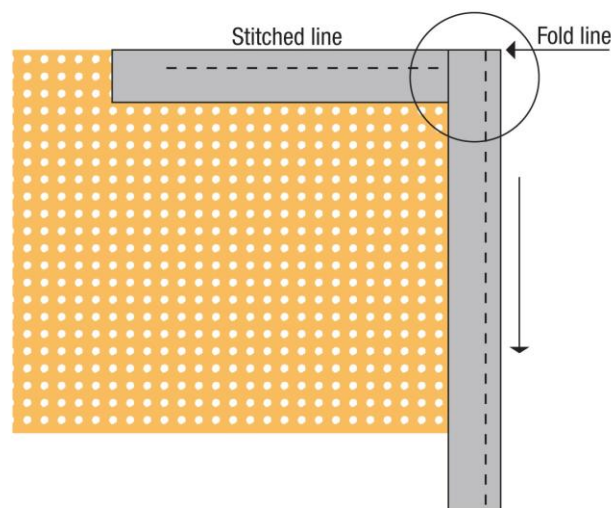
4. Set the machine up for quilting by lowering the feed dogs and attaching the “O” Quilting Foot.
5. After the Controller unit has been fully charged, remove the charging cable from the unit. **Safety Tip:** Never quilt with the Controller Charging Cable attached.
6. Place the Controller under the sandwich so that one of the clover sections is positioned under the needle. Place the Magnet on the top of the quilt top over the Controller to hold in place.
7. Place the Free Motion Grip that came with the extension table, around the needle but over the quilt.
8. Set the Receiver to Regulated mode. Change the Stitch/Inch to 14 and set the Cruise to 50. The Cruise speed can be adjusted, but based on the quilt pattern that will be used for this project we will set it at a faster speed. The Cruise speed is based on the type of pattern that will be used. **Tip:** If this is the first time you have used the TruStitch Stitch Regulator, make a sandwich with test fabric and do a test sew to get a feel for the system. Make any additional changes to the Stitch Length or Cruise speed at this time.
9. **Stippling Tip:** on a blank piece of paper, with a pencil in hand, doodle on the paper creating a stippled effect. Try to maintain an even and consistent distance from any other stippled lines and make the stippled lines as smooth as possible. Quilting on the machine is very similar to drawing with a pencil in its application. Repeat until it becomes very easy.
10. As you finish the area within the Free Motion Grip area, move the grip to the next area that will be quilted.
11. When you get close to the sides on the quilt and find that you cannot easily connect or place the Controller, attach the Coaster to the edge and place the Controller in the coaster (as an example see the following illustration).



12. To finish quilting, use the straight edge ruler and the rotary cutter to remove the batting and the backing so that they are even with the quilt top on all four edges of the quilt.
13. To create the binding for the quilt, cut three 2½" wide strips from the binding fabric. Piece the sections together to make one long continuous strip that will fit around the outer edge of the quilt.
14. With wrong sides together fold and press the strip lengthwise.
15. Pin the binding 4" down from the corner. Using a ¼" seam allowance and starting 4" down from the end of the binding strip, sew the binding in place. Stop ¼" from the corner.
16. Fold the bias strip up with the edge of the binding even with the edge on the quilt top.



17. Fold the bias strip down so that the binding is placed over the second quilted edge. Start to sew at the corner and continue down the second side of the quilt. Stop again ¼" from the corner and cut the thread. Repeat these steps for the remaining two corners.



18. After turning the last corner, trim the binding strip and tuck the end into the starting point on the binding.

19. Press the binding to the back side of the quilt and hand sew the binding to secure.



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