Project<br>Sewing Power Tool<br>Buzz Saw Quilt<br>January I9, 2022

This quilt works with embroidered blocks, appliquéd blocks, pieced blocks or even printed fabric cut to size. Make it scrappy with a variety of fabrics. Quilt measures $51^{\prime \prime}$ by 51 " finished.

## Supplies

- Nine focus blocks that measure 9 1/2" unfinished. Yardage requirements for embroidered, pieced or appliqué blocks will vary by method and hoop size.
- $11 / 4$ yard dark fabric for setting blocks (orange in diagram) to yield eighty seven (87) - $37 / 8$ " squares

- $11 / 4$ yard light fabric for setting blocks (yellow in diagram) to yield eighty seven (87) - $37 / 8^{\prime \prime}$ squares
- $60^{\prime \prime} \times 60^{\prime \prime}$ fabric for backing
- 60 " x 60 " batting
- $1 / 2$ yard for binding to yield six (6) $-21 / 2^{\prime \prime} \times$ Width of Fabric strips


## Instructions

## Create the Focus Blocks



Embroider, piece or cut nine blocks that measure 9 1/2" unfinished. The overall design should be less than 9 " to fit inside the finished blocks. For embroidery, cut fabric and stabilizer at least $1^{\prime \prime}$ to $2^{\prime \prime}$ larger all around than the embroidery frame you are using. After embroidery, trim the blocks to $91 / 2^{\prime \prime}$ and keep the embroidery centered.


Setting Blocks are half-square triangles (see graphic left) and have a finished size of $3^{\prime \prime}$. There are 174 half-square triangle blocks in the zigzag border. Quilters have created dozens of methods and even specialized rulers to make half-square triangles. Use the method you prefer to create half-square triangles adjusting fabric requirements to fit or follow these directions: The most basic way to create this simple block is to cut two triangles of different fabrics and sew them together along the diagonal. You will need 174 triangles of both dark and light fabrics to create the blocks. To cut the fabric for the half-square triangles, cut 87-37/8" squares of fabric from both light and dark fabrics. Cut nine (9) - 3 $7 / 8^{\prime \prime}$ by width of fabric strips from both dark and light fabrics and cross cut into $37 / 8$ " squares. Cut the squares in half diagonally to create two triangles from each square. Sew the light and dark triangles together along the diagonal using a $1 / 4^{\prime \prime}$ seam. Press the seam to one side while pressing open. Unfinished squares should measure $31 / 2^{\prime \prime}$. Sew a few practice blocks and press open to make sure they measure $31 / 2^{\prime \prime}$ un-finished.

## Assemble the Quilt Top

Assemble the quilt top using a $1 / 4$ " seam throughout. Sew the quarter square triangles together in units. See the color-coded diagram on the right for identifying identical units. For example: make six units each of the blocks outlined in green and blue and two each of the rows outlined in red and yellow. Rotate the green and the blue units for correct placement in the final assembly. Sew the units to the focus blocks to create

rows and complete the top by sewing the rows together.
Layer, quilt and bind as desired.

## Design Notes to Make a Different Size Quilt:

- Increase the number of units and repeat the pattern.
- Add a border.
- Increase or decrease the size of the half-square triangles and the focus blocks.
- To create any size half-square triangle using the method described in the instructions follow the following formula. Add $7 / 8^{\prime \prime}$ to the desired finished size and cut a square to that measurement. Cut the square in half diagonally.
- Because cutting using a $7 / 8^{\prime \prime}$ measurement is a little tricky sometimes, many quilter add a full inch and then trim the block to the correct unfinished size after pressing it open.
- Frame a $12^{\prime \prime}$ (finished size) by with $4^{\prime \prime}$ finished size quarter square triangles. Cut the focus blocks $121 / 2^{\prime \prime}$ square and the half-square triangle pieces 4 $7 / 8$ " before cross cutting diagonally. These half-square triangles should measure $41 / 2^{\prime \prime}$ un-finished.
- Frame a $6^{\prime \prime}$ (finished size) by with $2^{\prime \prime}$ finished size quarter square triangles. Cut the focus blocks $61 / 2^{\prime \prime}$ square and the half-square triangle pieces $27 / 8^{\prime \prime}$ before cross cutting diagonally. These half-square triangles should measure 2 1/2" un-finished.

