Web Bonus: **Nuts and Bolts**

*Strip piecing and a few simple shapes create this mesmerizing design without the use of any set-in seams.*

Designed by
SANDY KLOP

Machine Quilted by
LARA MIJATOVICH

**SKILL LEVEL**
ADVANCED

**Finished**
**Quilt Size**
50½” x 65½”

**Note:** Piecing templates are at end of pattern.

**Number of Blocks and Finished Size**
17 Pieced Blocks 10½” x 10½”
**Planning and Cutting**

Sandy made this quilt with the Happy Campers collection by American Jane for Moda. Her plan makes it possible to piece this quilt without any set-in seams. Read entire pattern before cutting fabrics.

To prepare piecing templates, trace Templates A, B, and C on see-through template plastic, including seam and grain lines and match points. Cut out on outer marked lines, and use large needle or stiletto to make small holes in plastic at match points. Place template on wrong sides of appropriate strip sets or fabrics; mark around edges. Cut out patches on marked lines. Mark match points on wrong sides of all template patches. To keep everything in order, arrange all patches on a design wall or other flat surface before assembling.

**Fabric Requirements**

- 12 white/blue, white/red, white/green, white/yellow, white/navy, and white/brown prints—cut from each: ½ yd.
- 6 blue, red, green, yellow, navy, and brown prints—cut from each: ⅜ yd.
- Blue, red, green, yellow, navy, and brown small florals—cut from each: ⅜ yd.
- Black solid (piecing, binding)—cut from each: 1½ yds.
- Backing (piece widthwise)—cut from each: 3½ yds.
- Batting size—cut from each: 59” x 74”

*See Planning and Cutting.*

**Cutting Instructions**

- White/blue, white/red, white/green, white/yellow, white/navy, and white/brown prints—cut in half twice diagonally
- 6 blue, red, green, yellow, navy, and brown prints—cut in half diagonally
- 6 blue, green, yellow, navy, and brown small florals—cut from each:
  - 10 Template B
- Red and navy small florals—cut from each:
  - 14 Template C
- Black solid—cut from each:
  - 11 Template B
  - 7 strips 2½” x width of fabric (binding)
  - 3 squares 5⅞” x 5⅞”
  - 2 squares 5½” x 5½”

*Cut first.

**Making the Blocks and Pieced Units**

**Step 1** Referring to Diagram I-A, stitch together 4 white/blue print 36” strips and 3 blue print 36” strips, alternating to make strip set. Press in direction of arrow. Aligning horizontal lines on plastic Template A with seams, cut 8 Template A shapes.

**Diagram I-B**

 Repeat to make 11 remaining strip sets, for a total of 12, pairing coordinating white/color prints with each color print. Cut 8 Template A from each strip set (Diagram I-B). Mark match points on wrong side of each corner.
Quilt Top Assembly

Note: Refer to Assembly Diagram and photo for following steps, watching placement and orientation throughout. Black 5½” and 5½” triangles are cut slightly oversized and then trimmed after assembly.

3. On a flat design surface, arrange 4 matching red pieced units with A’s forming an octagon shape. Add remaining pieced units so A’s form 12 total octagons, arranged 3 across and 4 down. Next add remaining floral print B shapes around outer edges. Add black C’s and 5½” quarter-square triangles around edges. Place black 5½” half-square triangles at corners. Check that all patches are placed correctly before beginning assembly.

4. Remove 1 blue and 1 red pieced units from design wall. Sew together (Diagram III) to make first Pieced Block. Return block to design wall and check orientation. In same manner, make remaining 16 blocks for 17 total, sewing 1 at a time and returning to design wall.

5. For 1st side unit, remove red pieced unit, black 5½” quarter-square triangle, navy small floral B, and black C from design wall. Referring to Diagram IV, sew black quarter-square triangle to pieced unit. Stitch together B and C and add to pieced unit to complete side unit. Return to design wall. In same manner make remaining 5 side units for 6 total.
From design wall remove black C, black 5 ⅞” quarter square triangle, brown B, and red pieced unit for 1st top/bottom unit. Add black C and quarter-square triangle to brown B (Diagram V). Stitch to pieced unit to complete top/bottom unit. Return to design wall. In same manner make remaining 3 top/bottom units for 4 total. You will have 2 quarter-square triangles left over.

From design wall remove black C, navy floral B, and yellow pieced unit for 1st corner unit. Sew C to B (Diagram VI); add to pieced unit to complete corner unit. Return to design wall. In same manner make remaining 3 corner units for 4 total.

Watching color placement, stitch 7 diagonal rows using side units, top/bottom units, blocks, and corner units. Sew rows together. Sew black 5 ⅞” half-square triangles to corners. Trim edges even.

Quilting and Finishing
Layer, baste, and quilt. Lara machine quilted an allover meander, leaving the black patches unquilted. Bind with black solid.
This box measures 2 inches wide by 1 inch high. Use this as a guide for accuracy when printing the Pattern Section.
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