



NUTS & bolts

This quilt of bright, bold colors will put a smile on any child's face! Nancy Mahoney used two simple blocks to show off the fun fabrics in this collection by P&B Textiles.

MATERIALS

Size: 77" × 89"

Blocks: 15 (12") Nine Patch blocks

15 (12") Robot blocks

NOTE: Fabrics in the quilt shown are from the Nuts & Bolts collection by P&B Textiles.

1¾ yards Robot fabric consisting of 15 robot squares

2 yards green stripe for blocks, middle border, and binding

¾ yard black print for Robot blocks

1½ yards red print for Nine Patch blocks

1¾ yards yellow print for Nine Patch blocks

¾ yard green print for inner border

1½ yards blue print for outer border

5½ yards backing fabric

Full-size quilt batting

Cutting

Measurements include ¼" seam allowances. Border strips are exact length needed. You may want to make them longer to allow for piecing variations.

From robot fabric, cut:

- 15 (9") squares, centering robot square on each.

From green stripe, cut:

- 24 (2¼"-wide) strips. From 15 strips, cut 60 (2¼" × 9") A rectangles. Remaining strips are for binding.
- 8 (1½"-wide) strips. Piece strips to make 2 (1½" × 76½") side middle borders and 2 (1½" × 66½") top and bottom middle borders.

From black print, cut:

- 4 (2¼"-wide) strips. From strips, cut 60 (2¼") B squares.

From red print, cut:

- 8 (4½"-wide) strips. From strips, cut 60 (4½") C squares.

From yellow print, cut:

- 10 (4½"-wide) strips. From strips, cut 75 (4½") C squares.

From green print, cut:

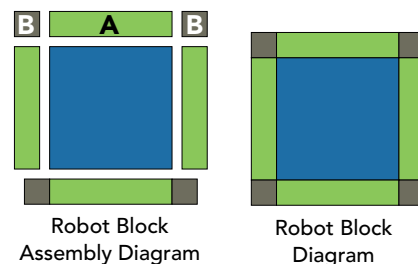
- 8 (2½"-wide) strips. Piece strips to make 2 (2½" × 72½") side inner borders and 2 (2½" × 64½") top and bottom inner borders.

From blue print, cut:

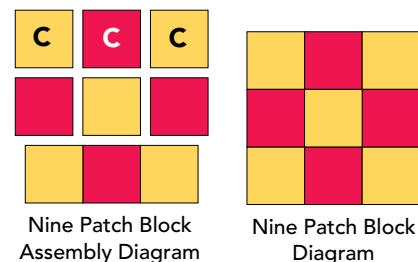
- 8 (6"-wide) strips. Piece strips to make 2 (6" × 78½") side outer borders and 2 (6" × 77½") top and bottom outer borders.

Block Assembly

1. Lay out 1 robot square, 4 green stripe A rectangles, and 4 black print B squares as shown in *Robot Block Assembly Diagram*. Join to complete 1 Robot block (*Robot Block Diagram*). Make 15 Robot blocks.



2. Lay out 5 yellow print C squares and 4 red print C squares as shown in *Nine Patch Block Assembly Diagram*. Join to complete 1 Nine Patch block (*Nine Patch Block Diagram*). Make 15 Nine Patch blocks.

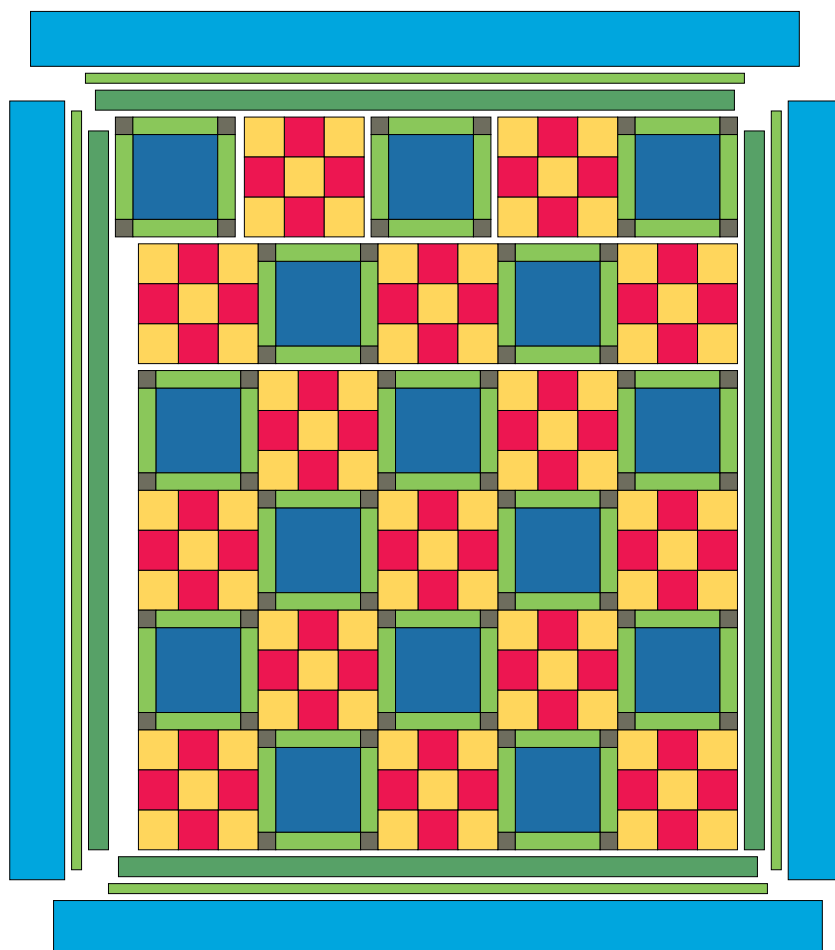


Quilt Assembly

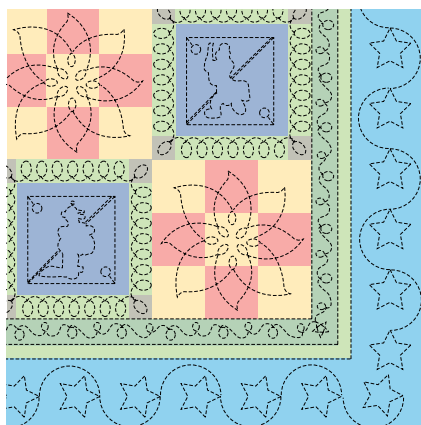
1. Lay out blocks as shown in *Quilt Top Assembly Diagram*. Join into rows; join rows to complete quilt center.
2. Add green print side inner borders to quilt center. Add green print top and bottom inner borders to quilt.
3. Repeat for green stripe middle borders and blue print outer borders.

Finishing

1. Divide backing into 2 (2¾-yard) lengths. Join panels lengthwise.
2. Layer backing, batting, and quilt top; baste. Quilt as desired. Quilt shown was quilted with a star in the Nine Patch blocks, around the robots and with swirly lines in the Robot blocks, and stars in the outer border (*Quilting Diagram*).
3. Join 2¼"-wide green stripe strips into 1 continuous piece for straight-grain French-fold binding. Add binding to quilt.



Quilt Top Assembly Diagram



Quilting Diagram

SIZE OPTION

Throw (53" × 77")

Robot Blocks	8
Nine Patch Blocks	7
Setting	3 × 5

Materials

Robot Fabric	8 robot squares
Green Stripe	1¼ yards
Black Print	¼ yard
Red Print	⅝ yard
Yellow Print	¾ yard
Green Print	½ yard
Blue Print	1⅜ yards
Backing Fabric	3⅜ yards
Batting	Twin-size

WEB
EXTRA

Go to www.FonsandPorter.com/robotssizes to download *Quilt Top Assembly Diagram* for this size option.