

Free Spiril T

### Featuring Moon Garden, True Colors and Cotton Solids by Tula Pink

A diagonal setting of four different blocks and a unique row assembly create a colorful challenge in this quilt.

Collection:	Moon Garden, True Colors and Cotton Solids by Tula Pink				
Technique:	Fussy Cut, Pieced				
Skill Level:	Advanced Beginner				
Finished Sizes:	Finished Size: 76 <sup>3</sup> /8" x 76 <sup>3</sup> /8" (193.99cm x 193.99cm) Finished Block Size: 10" x 10" (25.4cm x 25.4cm)				

All possible care has been taken to assure the accuracy of this pattern. We are not responsible for printing errors or the manner in which individual work varies. Please read the instructions carefully before starting this project. If kitting, it is recommended a sample is made to confirm accuracy.

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Project designed by Tula Pink | Tech edited by Alison M. Schmidt

### Fabric Requirements

DESIGN	COLOR	ITEM ID	YARDAGE				
(A) Kabloom	Dawn	PWTP195.DAWN	1¼ yards (1.14m)				
(B) Baby Geo	Dawn	PWTP053.DAWN	1¾ yards (1.60m)				
(C) Lazy Stripe	Moonlight	PWTP022.MOONLIGHT	½ yard (0.80m)	The second second			
(D) Baby Geo	Lunar	PWTP053.LUNAR	<sup>3</sup> ⁄4 yard (0.69m)				
(E) Designer Essential Solids	Taffy	CSFSESS.TAFFY	<sup>5</sup> ⁄% yard (0.57m)	(A)	(B)	(C)	(D)
(F) Hissy Fit	Dawn	PWTP196.DAWN	¾ yard (0.69m)				
(G) Night Owl	Dawn	PWTP197.DAWN	¾ yard (0.69m)				
(H) In a Finch	Dawn	PWTP198.DAWN	<sup>5</sup> ⁄% yard (0.57m)			Se al	a start
(I) Dragon Your Feet	Dawn	PWTP199.DAWN	¾ yard (0.69m)				
(J) Oopsie Daisy	Dawn	PWTP200.DAWN	½ yard (0.46m)	(E)	(F)	(G)	(H)
(K) Lazy Stripe	Lunar	PWTP022.LUNAR	½ yard (0.46m)	**			
(L) Wildflower	Blossom	PWTP149.BLOSSOM	¾ yard (0.34m)				
(M) Tiny Dots	Peacock	PWTP185.PEACOCK	¾ yard (0.34m)	**			
(N) Lazy Stripe	Dawn	PWTP022.DAWN*	¾ yard (0.69m)	CA AN			
* includes binding				(I)	(J)	(К)	(L)
Backing (Purchased Separately)							
44" (1.12m) wide							
Night Owl	Dawn	PWTP197.DAWN	5½ yards (5.03m)		dzilan dz	Se F	•••••
OR							
108" (2.74m) wide	_			(M)	(N)	Backing 44"	Backing 108''
Mama Geo	Dawn	QBTP010.DAWN	2½ yards (2.29m)				100

### **Additional Recommendations**

- 100% cotton thread in colors to match
- 84" x 84" (2.13m x 2.13m) batting

## Cutting

#### WOF = Width of Fabric

#### Notes:

- Press fabrics with starch or starch alternative and let dry before cutting to stabilize edges to be cut on the bias. Handle bias-cut pieces carefully, not to distort.
- Refer to the quilt image for aligning fussy-cut pieces, or spotlight motifs of your own choice. Label cut pieces with fabric letters for easier construction.
- Partial WOF strips can be cut around areas that have already been fussy-cut, then sub-cut, starting from largest to smallest, for the most efficient use of fabric.

### Fabric A, cut:

(4)  $15^{1}/_{2}$ " squares; sub-cut each square twice diagonally, from corner to corner, to make a total of (16) side setting triangles

(2)  $10^{7}$  squares; sub-cut each square once diagonally, from corner to corner, to make a total of (4) corner setting triangles

### Fabric B, cut:

(21) 2<sup>1</sup>/<sub>2</sub>" x WOF; sub-cut: (24) 2<sup>1</sup>/<sub>2</sub>" x 10<sup>1</sup>/<sub>2</sub>" rectangles (16) 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" rectangles (40) 2<sup>1</sup>/<sub>2</sub>" x 6<sup>1</sup>/<sub>2</sub>" rectangles (16) 2<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>2</sub>" rectangles (48) 2<sup>1</sup>/<sub>2</sub>" squares

### Fabric C, cut:

(10) 2<sup>1</sup>/<sub>2</sub>" x WOF; sub-cut: (4) 2<sup>1</sup>/<sub>2</sub>" x 10<sup>1</sup>/<sub>2</sub>" rectangles (32) 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" rectangles

### Fabric D, cut:

(4) 2<sup>1</sup>/<sub>2</sub>" x WOF; sub-cut
(49) 2<sup>1</sup>/<sub>2</sub>" squares
(6) 2" x WOF; sub-cut
(104) 2" squares for star points

#### Fabric E, cut:

(7) 2<sup>1</sup>/<sub>2</sub>" x WOF; sub-cut (104) 2<sup>1</sup>/<sub>2</sub>" squares for star units

#### Fabrics F and G, fussy cut from each:

(2)  $6^{1}/2$ " on-point squares From remaining yardage, cut from each fabric: (4)  $2^{1}/2$ " x WOF; sub-cut: (4)  $2^{1}/2$ " x  $10^{1}/2$ " rectangles (4)  $2^{1}/2$ " x  $8^{1}/2$ " rectangles (4)  $2^{1}/2$ " x  $6^{1}/2$ " rectangles (4)  $2^{1}/2$ " x  $4^{1}/2$ " rectangles (2)  $2^{1}/2$ " squares

### Fabrics H, I, and J, fussy cut from each:

(2) 6<sup>1</sup>/<sub>2</sub>" on-point squares
From each remaining yardage, cut:
(3) 2<sup>1</sup>/<sub>2</sub>" x WOF; sub-cut:
(3) 2<sup>1</sup>/<sub>2</sub>" x 10<sup>1</sup>/<sub>2</sub>" rectangles
(4) 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" rectangles
(3) 2<sup>1</sup>/<sub>2</sub>" x 6<sup>1</sup>/<sub>2</sub>" rectangles
(4) 2<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>2</sub>" rectangles
(2) 2<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>2</sub>" rectangles
(2) 2<sup>1</sup>/<sub>2</sub>" squares

### Fabric K, cut:

(2) 6<sup>1</sup>/<sub>2</sub>" squares
(3) 2<sup>1</sup>/<sub>2</sub>" x WOF; sub-cut:
(3) 2<sup>1</sup>/<sub>2</sub>" x 10<sup>1</sup>/<sub>2</sub>" rectangles
(4) 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" rectangles
(3) 2<sup>1</sup>/<sub>2</sub>" x 6<sup>1</sup>/<sub>2</sub>" rectangles
(4) 2<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>2</sub>" rectangles
(2) 2<sup>1</sup>/<sub>2</sub>" squares

#### Fabrics L and M, cut from each:

(3)  $2^{1}/2^{"} \times WOF$ ; sub-cut: (3)  $2^{1}/2^{"} \times 10^{1}/2^{"}$  rectangles (4)  $2^{1}/2^{"} \times 8^{1}/2^{"}$  rectangles (3)  $2^{1}/2^{"} \times 6^{1}/2^{"}$  rectangles (4)  $2^{1}/2^{"} \times 4^{1}/2^{"}$  rectangles (2)  $2^{1}/2^{"}$  squares

#### Fabric N, cut:

(10)  $2\frac{1}{2}$ " x WOF for binding

### Instructions

All seam allowances are ¼" and pieces are sewn right sides together. Press seam allowances open, unless otherwise indicated.

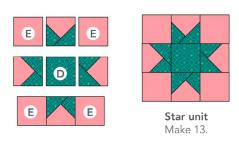
#### **Block One**

 Mark a diagonal line from corner to corner on the wrong side of all the Fabric D 2" squares. Place a marked Fabric D square right sides together on a Fabric E 2<sup>1</sup>/<sub>2</sub>" square as shown. Sew along the marked line, then trim the excess corner fabric <sup>1</sup>/<sub>4</sub>" from the seam. Press open. Repeat to add a second marked Fabric D square to the adjacent corner as shown (Fig. 1). Make a total of (52) Star Point units.



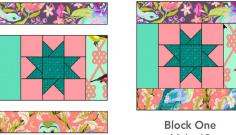
2. Arrange (4) Star Point units, (1) 2<sup>1</sup>/<sub>2</sub>" Fabric D square, and (4) 2<sup>1</sup>/<sub>2</sub>" Fabric E squares in (3) rows of (3) elements each as shown (Fig. 2). Sew the elements in each row together along adjacent edges. Press. Sew the rows together along adjacent edges. Press. Make a total of (13) Star units 6<sup>1</sup>/<sub>2</sub>" x 6<sup>1</sup>/<sub>2</sub>" including seam allowances.





**3.** Referring to the **Block One Diagrams** (page 5) for fabrics and placement, sew  $2\frac{1}{2}$ " x  $6\frac{1}{2}$ " rectangles to the left and right sides of a Star unit. Press the seam allowances toward the rectangles. Sew (1)  $2\frac{1}{2}$ " x  $10\frac{1}{2}$ " rectangle to the top, and another to the bottom edge to complete a block (**Fig. 3**). Make a total of (13) of Block One.





Block One Make 13 (1 of each variation).

#### **Block Two**

- **4.** Sew a  $2\frac{1}{2}$ " x  $6\frac{1}{2}$ " **Fabric B** rectangle to the left and right sides of a  $6\frac{1}{2}$ " square, noting the orientation of any directional print motifs. Press gently to avoid stretching any unsewn bias edges of the squares cut on-point.
- Sew a 2<sup>1</sup>/<sub>2</sub>" x 10<sup>1</sup>/<sub>2</sub>" Fabric B rectangle to the top, and another to the bottom of the step 4 unit (Fig. 4). Press. Make a total of (12) of Block Two (2 each using Fabrics F, G, H, I, J, and K).

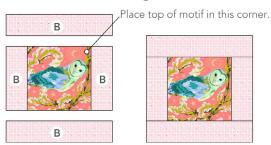


Fig. 4

Block Two Make 12 (2 each using **Fabrics F, G, H, I, J**, and **K**).

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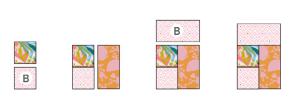
### **Block One Diagrams**



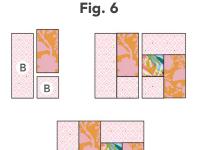
#### **Block Three**

- 6. From Fabric B, gather (3)  $2^{1}/_{2}$ " squares and (1) each  $2^{1}/_{2}$ " x  $4^{1}/_{2}$ ",  $2^{1}/_{2}$ " x  $6^{1}/_{2}$ ", and  $2^{1}/_{2}$ " x  $8^{1}/_{2}$ " rectangles. Refer to the **Block Three Diagrams** (page 7) to select (1)  $2^{1}/_{2}$ " print square and (2) each  $2^{1}/_{2}$ " x  $4^{1}/_{2}$ " and  $2^{1}/_{2}$ " x  $8^{1}/_{2}$ " print rectangles for each block or come up with your own combinations of prints.
- 7. Sew a 2<sup>1</sup>/<sub>2</sub>" Fabric B square to the bottom edge of a 2<sup>1</sup>/<sub>2</sub>" print square. Press. Sew a 2<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>2</sub>" print rectangle to the right-hand edge of the joined squares. Press. Sew a 2<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>2</sub>" Fabric B rectangle to the upper edge of the unit (Fig. 5). Press.

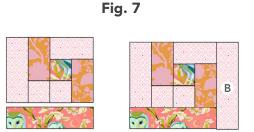
Fig. 5



8. Sew a  $2\frac{1}{2}$ " Fabric B square to one short end of a  $2\frac{1}{2}$ " x  $4\frac{1}{2}$ " print rectangle. Press. Sew a  $2\frac{1}{2}$ " x  $6\frac{1}{2}$ " Fabric B rectangle to the left-hand edge of the joined square/rectangle. Press. Sew this unit to the left-hand edge of the step 7 unit (Fig. 6). Press.

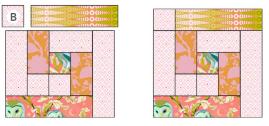


 Sew a 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" print rectangle to the lower edge of the step 8 unit. Sew a 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" Fabric B rectangle to the right-hand edge of the unit (Fig. 7). Press.



**10.** Join a 2<sup>1</sup>/<sub>2</sub>" **Fabric B** square to one short end of a 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" print rectangle. Press. Sew the joined square/rectangle to the upper edge of the step 9 unit to complete the block (**Fig. 8**). Make a total of (8) of Block Three.

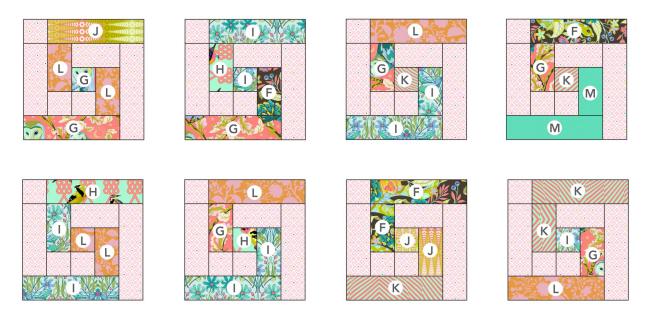




Block Three Make 8 (1 of each variation).

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#### **Block Three Diagrams**



#### **Block Four**

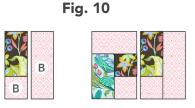
#### **Note:** These blocks are mirror images of Block 3.

- **11.** From **Fabric B**, gather (3)  $2^{1}/_{2}$ " squares and (1) each  $2^{1}/_{2}$ " x  $4^{1}/_{2}$ ",  $2^{1}/_{2}$ " x  $6^{1}/_{2}$ ", and  $2^{1}/_{2}$ " x  $8^{1}/_{2}$ " rectangles. Refer to the **Block Four Diagrams** (page 9) to select (1)  $2^{1}/_{2}$ " print square and (2) each  $2^{1}/_{2}$ " x  $4^{1}/_{2}$ " and  $2^{1}/_{2}$ " x  $8^{1}/_{2}$ " print rectangles for each block or come up with your own combinations of prints.
- **12.** Sew a  $2\frac{1}{2}$ " **Fabric B** square to the bottom edge of a  $2\frac{1}{2}$ " print square. Press. Sew a  $2\frac{1}{2}$ " x  $4\frac{1}{2}$ " print rectangle to the left-hand edge of the joined squares. Press. Sew a  $2\frac{1}{2}$ " x  $4\frac{1}{2}$ " **Fabric B** rectangle to the upper edge of the unit (**Fig. 9**). Press.



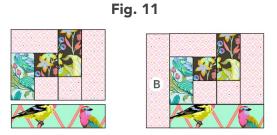


**13.** Sew a 2<sup>1</sup>/<sub>2</sub>" **Fabric B** square to one short end of a 2<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>2</sub>" print rectangle. Press. Sew a 2<sup>1</sup>/<sub>2</sub>" x 6<sup>1</sup>/<sub>2</sub>" **Fabric B** rectangle to the right-hand edge of the joined square/rectangle. Press. Sew this unit to the right-hand edge of the step 12 unit (**Fig. 10**). Press.



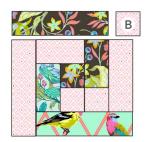


14. Sew a 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" print rectangle to the lower edge of the step 13 unit. Sew a 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" Fabric B rectangle to the left-hand edge of the unit (Fig. 11). Press.



**15.** Join a 2<sup>1</sup>/<sub>2</sub>" **Fabric B** square to one short end of a 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" print rectangle. Press. Sew the joined square/rectangle to the upper edge of the step 14 unit to complete the block (**Fig. 12**). Make a total of (8) of Block Four.

Fig. 12

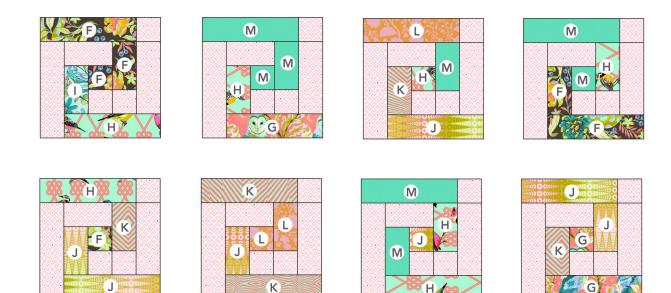






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#### **Block Four Diagrams**



### Quilt Top Assembly

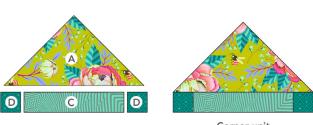
**16.** Sew a 2<sup>1</sup>/<sub>2</sub>" **Fabric D** square to one short end of a 2<sup>1</sup>/<sub>2</sub>" x 8<sup>1</sup>/<sub>2</sub>" **Fabric C** rectangle (**Fig. 13**). Press. Make a total of (32) **D/C** sashing units.





- 17. Referring to the **Row Layout** diagram (page 11) for specific block placement and orientation, arrange the blocks into (9) diagonal rows, placing Blocks One and Three in the odd rows and Blocks Two and Four in the even rows. Noting orientation, place a **D/C** sashing unit at each end of rows 1–4 and 6–9. Place a 2½" x 10½" **Fabric C** rectangle at each end of row 5. Sew the blocks and sashing units or rectangles in each row together along adjacent edges. Press.
- 18. Sew (1) 2<sup>1</sup>/<sub>2</sub>" Fabric D square to each short end of a 2<sup>1</sup>/<sub>2</sub>" x 10<sup>1</sup>/<sub>2</sub>" Fabric C rectangle. Press. Sew a Fabric A corner triangle to one long edge of the unit (Fig. 14). Press. Make (2) Corner units. Sew one Corner unit to the upper edge of Row 1, and the other to the lower edge of Row 9.

Fig. 14



Corner unit Make 2.

19. Noting the orientation of both the triangles and the D/C units, sew one D/C unit to the lower edge of each triangle (Fig. 15). Make a total of (16) Triangle units, (8) each Side and Top/Bottom.





Side Triangle unit Make 8.

Top/Bottom Triangle unit Make 8.

- **20.** Referring to the **Quilt Layout** diagram (page 12) to orient each Triangle unit, add Side and Top/Bottom Triangle units and join rows as follows, pressing as you complete each row and after joining rows:
  - Sew a Triangle unit to each end of Row 1. Aligning seam lines, sew Row 1 to Row 2 along adjacent edges.
  - Sew a Triangle unit to each end of Row 2. Aligning seam lines, sew Row 2 to Row 3 along adjacent edges.
  - Sew a Triangle unit to each end of Row 3. Aligning seam lines, sew Row 3 to Row 4 along adjacent edges.
  - Sew a Triangle unit to each end of Row 4.
- **21.** Repeat step 20 to sew rows 6–9 together, starting with Row 9 and working toward Row 6.
- **22.** Sew the 2 joined row sections to the top and bottom of Row 5, then add the (2) remaining corner triangles to the upper right and lower left corners to complete the quilt top. Press.

### Finishing

- **23.** Sew together the 2½" **Fabric N** binding strips end-to-end using diagonal seams. Press the seams open. Press the binding strip in half wrong sides together.
- **24.** Layer the backing (wrong side up), batting, and quilt top (right side up). Baste the layers together and quilt as desired. Trim excess batting and backing even with the quilt top after quilting is completed.
- **25.** Leaving an 8" tail of binding, sew binding to top of quilt through all layers matching all raw edges. Miter corners. Stop approximately 12" from where you started. Lay both loose ends of binding flat along quilt edge. Where these two loose ends meet, fold them back on themselves and press to form a crease. Using this crease as your stitching line, sew the two open ends of the binding together right sides together. Trim seam to ¼" and press open. Finish sewing binding to quilt.
- **26.** Turn the binding to the back of the quilt and hand stitch in place.
- **Row Layout** Row Ronz RONS RONS Romb Row RONB Row

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**Quilt Layout** 



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