

## Canvas Swing

### You will need:

2.5m of 1.5m wide canvas fabric  
 20mm dowel, 1.2m long  
 (2) 25mm dia. dowels, 500mm long  
 (22) metal grommets  
 230mm of 110cm wide print fabric  
 Extra-strong matching thread  
 1.28m x 600mm piece of plywood  
 Swing cushion  
 (4) 800mm lengths of steel cable  
 (12) cable clamps  
 (2) 40mm (inside diameter) metal rings  
 (12) 508mm lengths of steel cable  
 Measuring tape  
 Scissors  
 Straight pins  
 Clothes iron  
 Sewing machine with heavy-duty needle  
 Water-erasable fabric-marking pen  
 Grommet tool  
 Pliers

### Here's how:

1. From canvas, measure and cut one 686 x 2286mm rectangle for seat/sides, one 584 x 1400mm rectangle for the back, and one 230 x 1295mm strip for the front. On each 584mm edge of back piece, press under 12mm, then 50mm. Sew 3mm the inner pressed edges. To make the back dowel pocket, press under 12mm, then 100mm on one 1397mm edge. Sew 3mm from inner pressed edge and 50mm from outer pressed fold.



2. Press under 12mm, then 50mm on each 2286mm edge of the seat/sides piece. With wrong sides together, centre the back piece on the seat/sides piece, tucking 25mm of the raw back edge in the seat/sides hem as shown in Diagram 1. Pin in place. Sew 3mm from the inner pressed edge of the hem, catching the back piece

in the stitching. Fold the back away from the seat/sides and sew through all layers 6mm from the outer pressed edge of the hem. This second seam reinforces the back connection to the seat.

3. To make side dowel pockets, press under 25mm, then 100mm on each short edge of the seat/sides. Sew 3mm from the inner pressed edge and 50mm from the outer pressed fold. Close one end of each side dowel pocket by sewing 3mm from the front edge of the pocket.

4. Fold the front strip in half lengthwise with wrong sides together. Sew short edges together using a 12mm seam allowance. Turn right side out; press seams open. Place the front on the seat with the open edge overlapping the seat 20mm. Sew through all layers 3mm and 12mm from the outer pressed edge of the seat hem. (Two seams add strength to the seat.)

5. Use a water-erasable fabric-marking pen to mark the position of the grommets (see Diagram1). Be sure that the marks on the back piece align with the marks on the corresponding edges of the sides, and that the marks on the front align with the corresponding marks on the front edge of the sides. Insert the dowels into the side and back pockets before closing the pockets with grommets. Apply the grommets following manufacturer's instructions.

6. For the ties, cut [4] 50 x 114mm strips from the print fabric. Fold the strips in half lengthwise and press. Unfold strips and fold in the long edges to meet at the pressed centre fold. Fold in half lengthwise and press again, enclosing the raw edges. Machine-stitch close to the open long edges. From the strips, cut [2] 457mm-long ties for the front corners of the canvas swing and [8] 127mm-long ties for the back corners. Thread a tie through each corresponding pair of grommets; tie and knot the ends.

7. Place the plywood on the seat and cushion (see "Swing Cushion") on the plywood. Thread a 790mm length of steel cable through the back grommet on one side of the swing; loop through a clamp and squeeze with pliers to tighten. Thread another 790mm cable through the front grommet on the same side of the swing; loop through a clamp and squeeze with pliers to tighten. Thread the unclamped ends of both cables through one 40mm metal ring; loop each cable through a clamp and squeeze with pliers to tighten. Repeat on other side of swing.

8. Thread one 508mm cable through each metal ring; loop the end through a clamp and tighten with pliers. Loop unclamped end through the eye of corresponding eyebolt screwed into beam of swing structure, then through a clamp; tighten with pliers.

## Striped Canopy

### You will need:

4.2m of 915mm-wide ticking  
 Matching thread  
 [3] 1.93m lengths 3mm steel cable  
 [4] 125mm eye bolts  
 [6] cable clamps  
 Measuring tape  
 Scissors  
 Straight pins  
 Sewing machine with heavy-duty needle  
 Clothes iron  
 Pliers  
 Drill

### Instructions:

Note: Sew with right sides together using 12mm seam allowances unless otherwise noted.

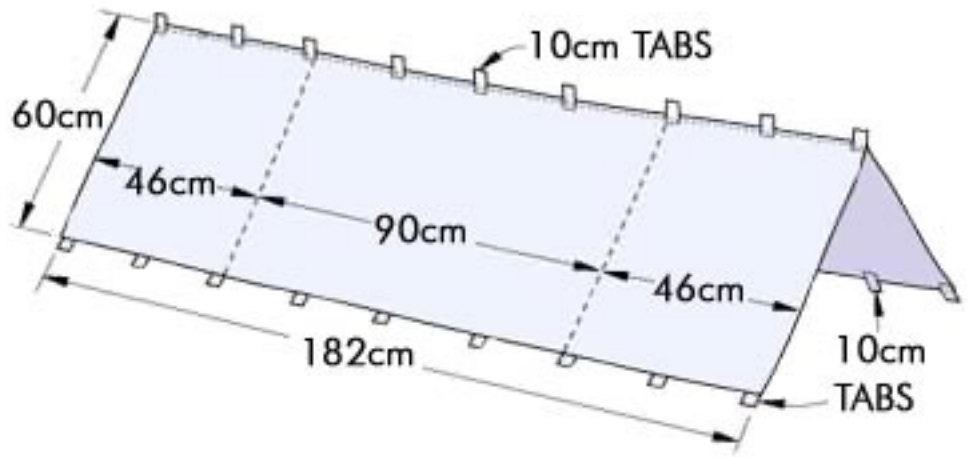
1. From the ticking, measure and cut [3] 1320mm-long pieces using entire width of fabric. Trim selvages.



2. Pin, then sew the ticking pieces together along the 1320mm edges. To clean-finish seam allowances, zigzag-stitch raw edges together, and press to one side. Trim the assembled canopy fabric, which measures 2692mm wide, to a width of 1930mm, removing equal amounts from each side edge. (Do not trim the 1320mm length.) Set aside the trimmed fabric for the tabs.

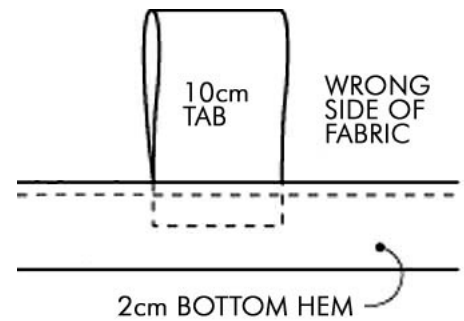
3. To finish side edges, press under 25mm twice on each 1320mm edge; sew 3mm from inner pressed edges. Fold the canopy fabric in half, wrong sides together, aligning the raw edges; press along the fold for the top of the canopy. For the tabs, cut [3] 65 x 1320mm strips from the set-aside fabric. Zigzag-stitch one long edge of each strip. Press under 12mm on each unfinished long edge and then 20mm on each zigzag-finished edge. Sew down the centre of the strips through all layers. From the strips, cut [9] 114mm-long tabs for the folded top edge and [18] 127mm-long tabs for the bottom edges.

4. Press under 12mm on the short edges of the 114mm-long tabs, then press each tab in half. Referring to Diagram 1, evenly space the tabs over the folded top edge of the canopy with 25mm extending beyond the fold; pin in place. Sew 12mm from the folded edge of the canopy, catching the tabs securely in the stitching.

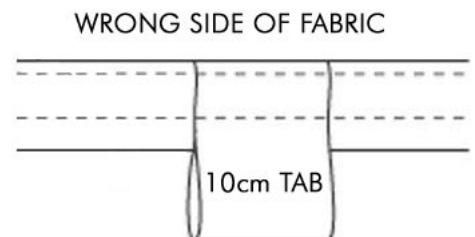


5. For bottom hems of canopy, press under 25mm twice on each 1830mm edge.

Press each 127mm-long tab in half. Referring to Diagram 2, evenly space nine tabs along each bottom hem, tucking 12mm of the tab in the hem; pin in place.



Sew 3mm from inner pressed edge of hem, catching the tabs in the stitching. Press the tabs down over the hem and sew 12mm from the outer pressed edge of the hem as shown in Diagram 3.



6. Thread 1930mm lengths of steel cable through the tabs at the top and bottom of the canopy. Loop each end of the top cable through the eye of corresponding eyebolt in the swing roof braces (E), then through a clamp; tighten with pliers.

7. With striped canopy in place, determine the placement of four additional eye bolts, which will suspend the bottom two steel cables of the canopy, in the top beams (B). Drill pilot holes, then screw in eye bolts. Loop ends of each bottom cable through the eye of corresponding eyebolt, then through a clamp; tighten with pliers.