

DELTA 3P BED

WEBBING CUT SHEET: (cut all from 1" seatbelt webbing):

- 2 x 33" for wallside side tensioners
- 2 x 25" for wallside centre tensioners
- 2 x 13" for grab loops
- 2 x 17" for airside bottom attachment loop
- 4 x 3" for roller cam buckles
- 2 x 2" for D-ring attachment on grab loops
- 2 x 55" for fin attachment straps
- 1 x 55" for wallside centre centre tensioner
- 1 x 46" for fin & centre suspension
- 1 x 20" for fin & centre suspension

PATTERN PIECES:

Main pieces:

- 2 x side pieces (mirrored)
- 1 x middle piece

Other pieces:

- 2 x sleeve patches (mirrored)
- 2 x square patches
- 4 x fin pieces (2 mirrored pairs)

OTHER MATERIALS:

- 4 x roller cam buckles
 - 1 x cam buckle (for attaching centre centre tensioner to centre suspension)
 - 2 x aluminium buckle (for attaching fin straps to centre suspension)
 - 2 x D buckles (integrated into grab loops on wallside)
- Seamtape

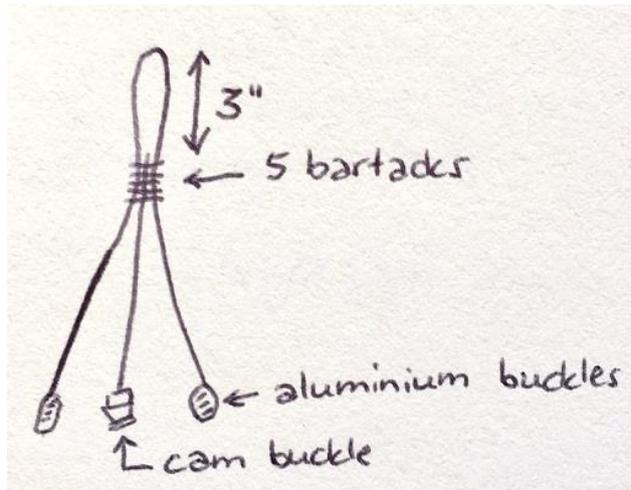
Cut 96" of fabric. Turn so wrong side is up. Mark two of the three main pattern pieces on the wrong side and cut.

Cut another 96" of fabric, mark the third main pattern piece and cut. Make sure to mirror the side pieces.

Mark and cut square patches, sleeve patches and fins.

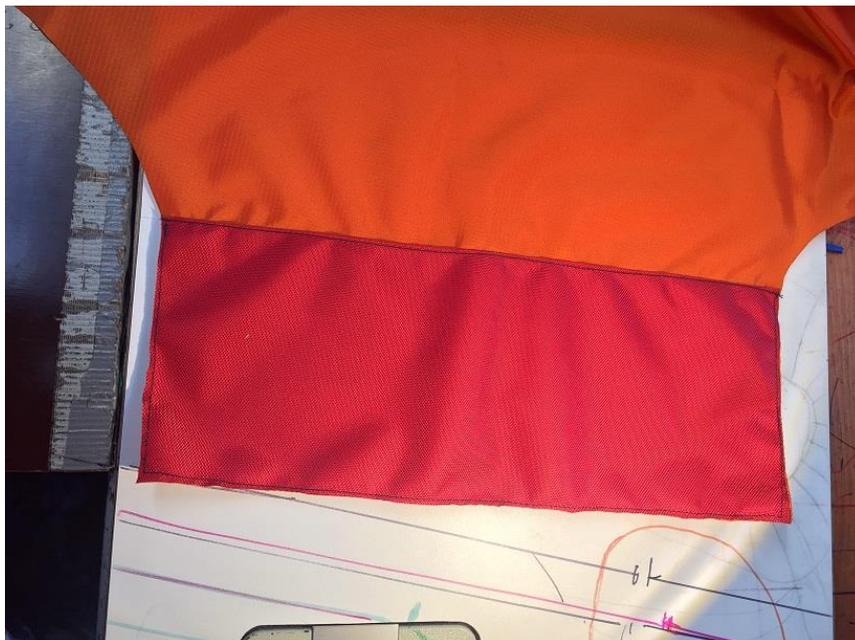
Cut webbing (see webbing cut sheet above).

Sew centre suspension for fins and wallside centre centre tensioner (see diagram below).



Fold over the edges of the square patches by $\frac{1}{2}$ ", then topstitch.

Sew sleeve patches to wallside sleeves, on right side. Fold in the edge that is on the marked line. Leave all outside edges flat (they'll be covered by seamtape).



Sew fins together (wrong side to wrong side), then seamtape the curved bits. Integrate fin strap into top end, tucking top edges in.



Mark fin locations: 23" in from wallside. Sew side pieces to centre piece (right side to right side), including the fins in the seam. Make sure fins are on right side and aligned correctly.



Seamtape all seams and edges except for the wallside and airside fold over.

Double stitch the seamtaped curves on the sides and the seamtaped long straight centre seams.

Fold over and top stitch centre seams. Make sure to not topstitch over the fins – fold fins toward centre and top stitch on the side pieces.



Sew foldovers on wallside and airside.

Sew on all webbing that goes on the wrong side (which is everything except for the 3" and 4" long pieces for cambuckles and separation loops):

- 2 x 33" for wallside side tensioners (sew just past line on sleeve)
- 2 x 25" for wallside centre tensioners (sew 7" onto seam)
- 1 x 55" for centre centre strap (sew 3" onto centre)
- 2 x 13" for grab loops (integrate D buckle)



Grab loop and D-buckle details:



Sew 17" long webbing pieces on airside foldover: have 6" of webbing hang past the edge (see image). These will eventually form loops for attaching the fly.



Sew airside sleeve and double stitch. Fold airside strap under to create 3" loops and bartack.



Sew 3" wide webbing onto wrong side wallside, folding in ends and bartacking across the straps. Double stitch on both edges.

Sew square patches to markings on right side. Double stitch all patch edges.



Sew on roller cambuckles, using 3" long pieces of webbing. Two go onto the square patches, the other two on top of the wallside side tensioner webbing 7.5" from wallside. Bartack each.



Sew sleeves shut and double stitch. Bartack ends to reinforce. Be precise because there is not much margin for error.

Sew on portaledge patch.

