

NULL SPACE VR

CATEGORY	PRODUCT		DATE	2/20/16	FABRICATION	1	Black 210 Denier Coated Nylon Oxford Fabric	TRIMS	YKK 17" ZIP X1
HAPTIC WEAR	MARK IIc CONCEPT	JACKET	M/F	N/A		2	Medium Grey 200 Denier Coated Oxford Nylon Fabric		1 1/2" WIDE FLAT RIBBON
PRODUCTION FACILITY			SIZES	OS		3	Foam Batting		2" WIDE VELCRO
									2" WIDE ELASTIC
									2X HARDWARE

STEP	INSTRUCTION	x
1	Sew outer edges of side flaps	2 BODY
2	Sew darts closed on shoulder panels	4
3	Place velcro on interior shoulder panel (underside will connect to arm) and stitch down	2
4	Sew shoulder panels to the front chest panel	4
5	Sew shoulder panel to back chest panel	4
6	Place flat ribbon trim (tunnels) and edge stitch down	8
7	fold back and edge stitch the edges of all the ribbon trim that will become tunnels, for extra durability	
8	Sew outer edge of zipper placket to the center front panel	1 ZIPPER
9	Fold and press the placket	2
10	Pin the zipper, inner fabric and outer fabric in place	2
11	Stitch the zipper, and interior/exterior fabrics into place	2
12	Sew the neckline edges closed	1
13	Secure foam batting	3 BODY
14	Sew interior and exterior of back panel together around the center back opening	1
15	Pin side flaps, and trims (velcro on front, buckles on back) in to place	2
16	Sew outside edges together to attach interior and exterior of chest and shoulder	1
17	Place flat ribbon trim and edge stitch down on panel 6	ARMS
18	Sew together flat ribbon trim creating tunnel for wires connecting the shoulder panel and the top of the arm. Leave the bottom ribbon longer by about 1/2" that will be inserted into the seam between arm panels 2 and 3/4	2
19	Leave the arm-end of this connecting tunnel free until step 29. The ribbon will be edge stitched onto panel 2 for about 1/2" and the bottom, longer ribbon will be inserted into the seam as outlined above	
20	Pin trims (velcro and buckles) in to place (Panels 1, 3 and 4)	
21	Sew velcro onto outer panel 1	
22	Sew outer fabric modular panels together (panels 3 & 4)	
23	To connect all the arm segments, start at the top and work down	
24	Sew all outer edges of panel 1 except the bottom edge, interior and exterior fabrics together)	
25	Place panel 1 sandwiched between interior and exterior fabrics of panel 2 and sew all outer edges except the bottom	
26	Sew outer side edges of panel 6, leaving the top and bottom edges open (end stitch line at 1/2" seam allowance for top and bottom edge)	
27	Attach external layer (face to face) of panel 6 with upper panels 3&4 combo and lower panels 3&4 combo	
28	Pin the finished panels 1 and 2, already connected, into place between upper panel 5 and 3&4 combo	
29	Sew outer edges of panel 5 to panels 3&4, upper and lower, leaving only the panel 6 open (this is where the segments will be turned right-side out)	
30	Turn the arm sections right side out	
31	Hand finish or top stitch the open section at the being careful not to stitch closed the flat ribbontunnel where the wires will be fed through	
32		
	Hard casing placement and attachment	ELECTRONICS
	Feed wires through the tunnels	