

STAR WARS™



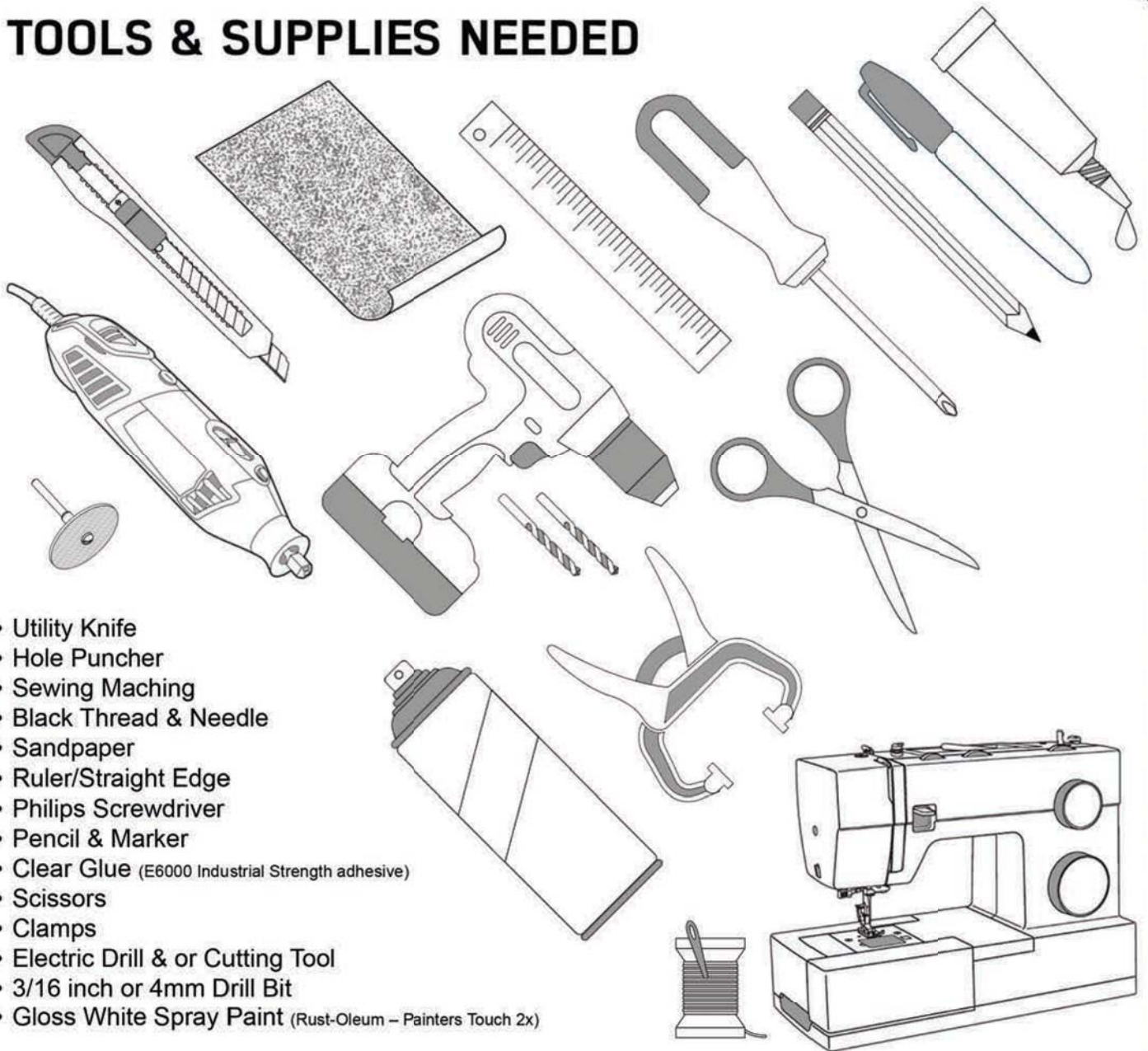
FIRST ORDER STORMTROOPER ARMOR KIT

ASSEMBLY INSTRUCTIONS



Denuo Novo

TOOLS & SUPPLIES NEEDED



- Utility Knife
- Hole Puncher
- Sewing Machine
- Black Thread & Needle
- Sandpaper
- Ruler/Straight Edge
- Philips Screwdriver
- Pencil & Marker
- Clear Glue (E6000 Industrial Strength adhesive)
- Scissors
- Clamps
- Electric Drill & or Cutting Tool
- 3/16 inch or 4mm Drill Bit
- Gloss White Spray Paint (Rust-Oleum – Painters Touch 2x)

SAFETY

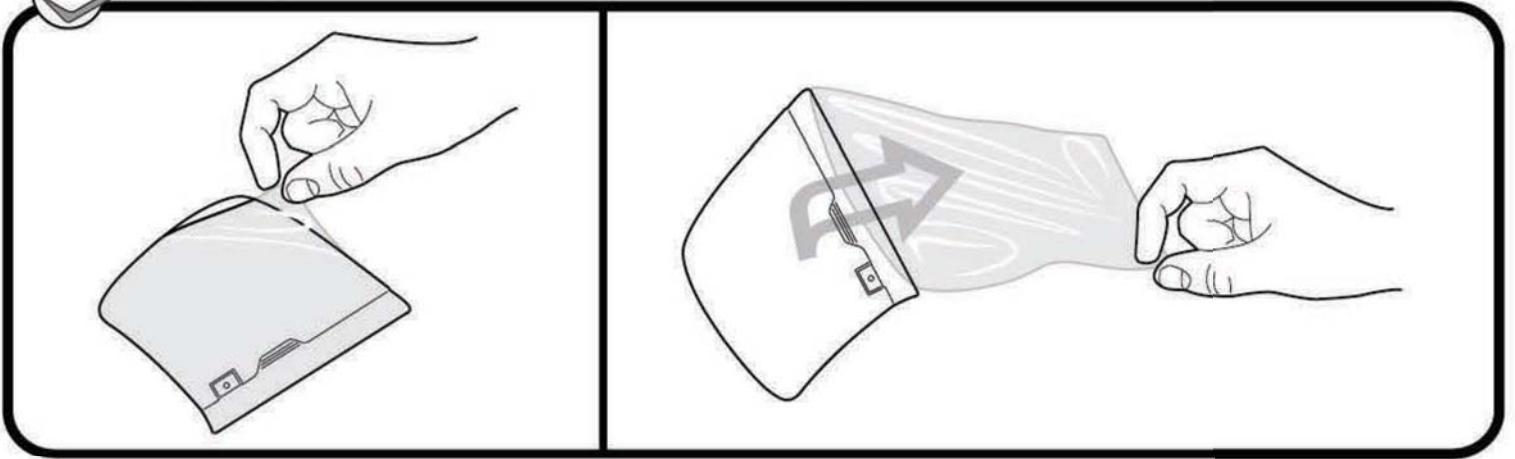


- Use caution when handling sharp instruments and tools.
- Wear safety glasses, dust mask, and work gloves during assembly to prevent injury.
- Stay in a well-ventilated area when using any glue or paint.
- Keep small children away from poly-bags and all tools.

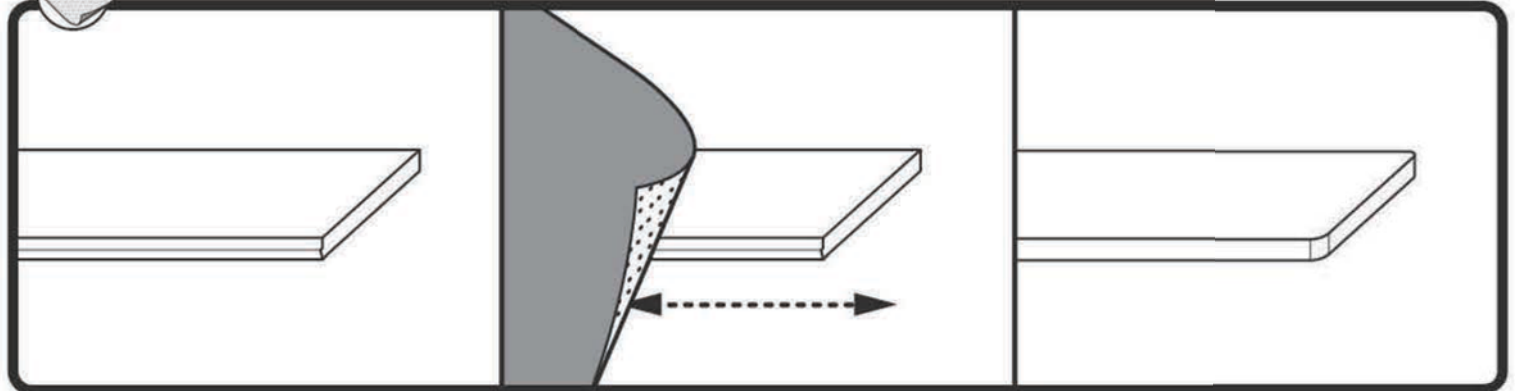
COMMON TECHNIQUES



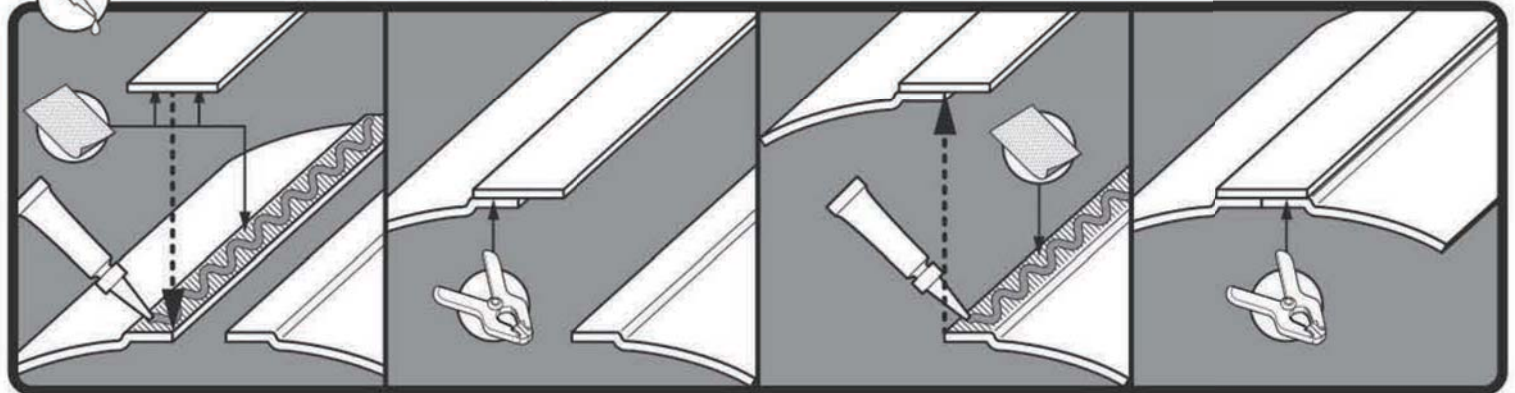
PROTECTIVE FILM *(Remove from ABS parts after trimming)*



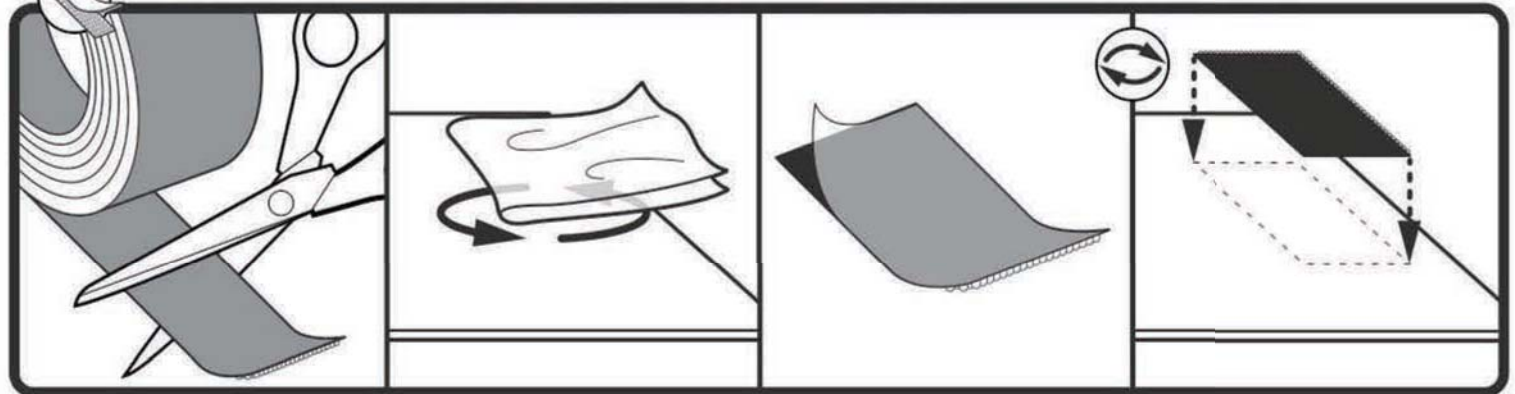
SANDING EDGES



GLUING *(sand surfaces to be glued)*



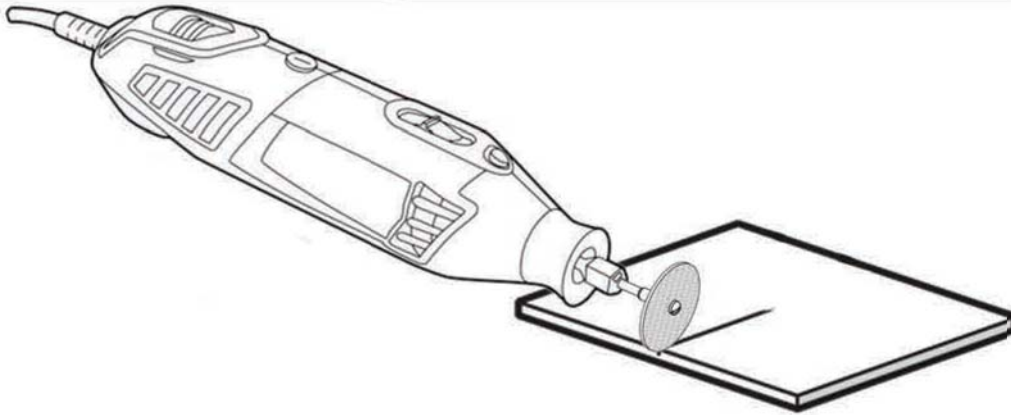
HOOK and LOOP *(be sure to clean the surface before applying adhesive Hook and Loop)*



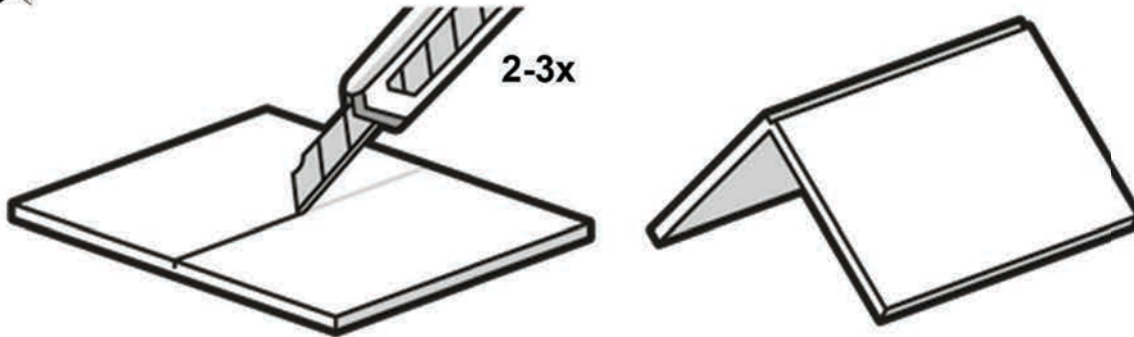
COMMON TECHNIQUES



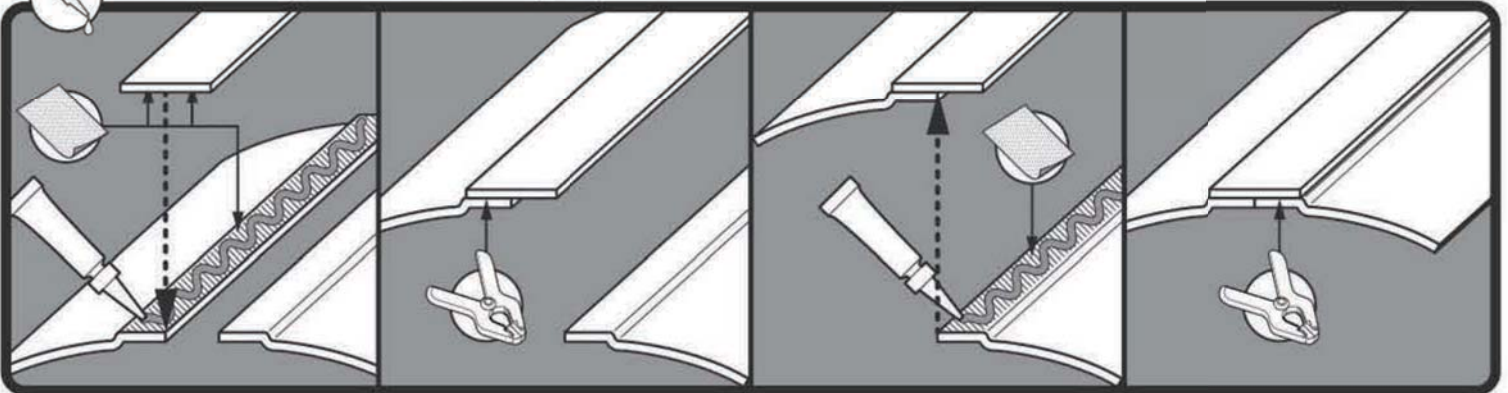
TRIMMING



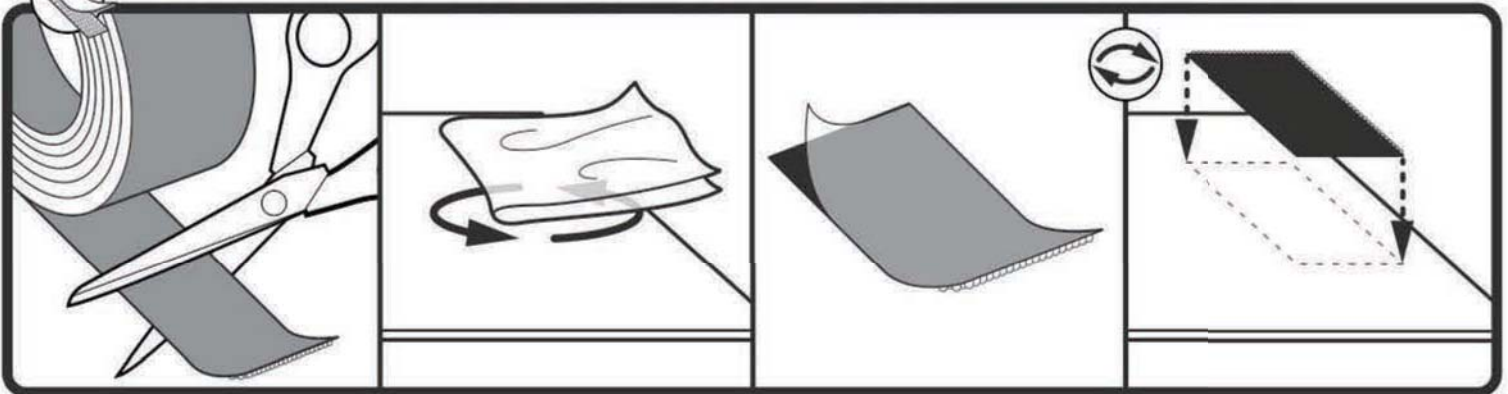
SCORING



GLUING *(sand surfaces to be glued)*



HOOK and LOOP *(be sure to clean the surface before applying adhesive Hook and Loop)*

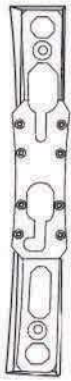


X	PART NUMBER	PART NAME	QTY	Part Type
	1A	Chest Outer	1	White ABS Plastic
	1B	Chest Inside	1	White ABS Plastic
	1C	Back	1	White ABS Plastic
	2A	Shoulder Left	1	White ABS Plastic
	2B	Shoulder Right	1	White ABS Plastic
	2C	Shoulder Lip Left	1	White ABS Plastic
	2D	Shoulder Lip Right	1	White ABS Plastic
	3A	Bicep Outer Left	1	White ABS Plastic
	3B	Bicep Inside Left	1	White ABS Plastic
	4A	Bicep Outer Right	1	White ABS Plastic
	4B	Bicep Inside Right	1	White ABS Plastic
	5A	Forearm Top Left	1	White ABS Plastic
	5B	Forearm Bottom Left	1	White ABS Plastic
	5C	Forearm Box Left	1	White ABS Plastic
	6A	Forearm Top Right	1	White ABS Plastic
	6B	Forearm Bottom Right	1	White ABS Plastic
	6C	Forearm Box Right	1	White ABS Plastic
	7	Hand Plate Right	1	White ABS Plastic
	8	Hand Plate Left	1	White ABS Plastic
	9A	Torso Front	1	White ABS Plastic
	9B	Torso Back	1	White ABS Plastic
	10	Spine Plate	1	White ABS Plastic
	11	Thermal Detonator	1	Resin
	12	Cod Plate	1	White ABS Plastic
	13	Culet Plate	1	White ABS Plastic
	14A	Thigh Front Right	1	White ABS Plastic
	14B	Thigh Back Right	1	White ABS Plastic
	15A	Thigh Front Left	1	White ABS Plastic
	15B	Thigh Back Left	1	White ABS Plastic
	16A	Knee Right	1	White ABS Plastic
	16B	Knee Left	1	White ABS Plastic
	17A	Shin Right	1	White ABS Plastic
	17B	Calf Right	1	White ABS Plastic
	18A	Shin Left	1	White ABS Plastic
	18B	Calf Left	1	White ABS Plastic
	19A	Spat Right	1	White ABS Plastic
	19B	Spat Back Right	1	White ABS Plastic
	20A	Spat Left	1	White ABS Plastic
	20B	Spat Back Left	1	White ABS Plastic

X	PART NUMBER	PART NAME	QTY	Part Type
	21	Holster	1	Resin
	22	Forearm Rail	2	Resin
	23A	Calf Box Left Front	1	Resin
	23B	Calf Box Left Back	1	Resin
	24	Large Leg Clips	6	Resin
	25	Small Arm Clips	6	Resin
	26A	Chest Clip Left	1	Resin
	26B	Chest Clip Right	1	Resin
	27	Belt Box Tall	1	Resin
	28	Belt Box Short	1	Resin
	29	Belt Box Wide	1	Resin
	30	Belt Box Wide Slotted	1	Resin
	31	Torso Box 01	1	Resin
	32	Torso Box 02	1	Resin
	33	Torso Box 03	1	Resin
	34	Torso Box 04	1	Resin
	35	Torso Box 05	1	Resin
	36	Torso Box 06	1	Resin
	37	Toros Box 07	1	Resin
	38A	Tall Fabric Pouch Cover	1	White ABS Plastic
	38B	Tall Fabric Pouch	1	Soft Goods
	39	Short Fabric Pouch	1	Soft Goods
	40	Decal Sticker Sheet	1	Vinyl Stickers
	41	Intentionally blank Line		
	42	Rounded Head Screws with Washer #8 Size, 5/8" Long	34	Hardware
	43	18-8 Stainless Steel Hex Drive Flat Head Screw #10-32	2	Hardware
	44	18-8 Stainless Steel Hex Drive Flat Head Screw #4-40	6	Hardware
	45	18-8 Stainless Steel Button Head Hex Drive Screw #6-32	1	Hardware
	46	Stainless Steel Ball Bearing	1	Hardware
	47	Fully Assembled Ribbed Belt & Buckle	1	Belt Assembly
	48	Intentionally blank Line		
	49	White Hook Fastener 1" Adhesive	72"	Soft Goods
	50	White Loop Fastener 1" Adhesive	98"	Soft Goods
	51	White Hook Fastener 2" Adhesive	27"	Soft Goods
	52	White Loop Fastener 2" Adhesive	15"	Soft Goods
	53	Black Hook Fastener 2" (sew-on)	6"	Soft Goods
	54	Intentionally blank Line		
	55	Black Hook Fastener 1" (sew-on)	24"	Soft Goods
	56	1" Black Elastic	18"	Soft Goods
	57	1" Black Webbing	40"	Soft Goods
	58	Intentionally blank Line		
	59	Gaskets (Legs)	2	Soft Goods
	60	Gaskets (Shoulder/Arm)	2	Soft Goods

PARTS

#21



1x

#22



2x

#23A
#23B



1x

#24



6x

#25



6x

#26A
#26B



1x

#42



Qty
34

#43



Qty
2

#44



Qty
6

#45

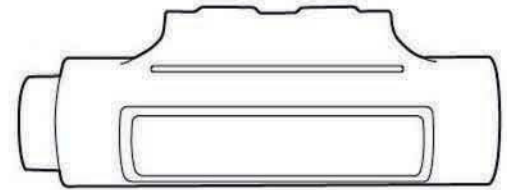


Qty
1

#46



Qty
1



#31



#32



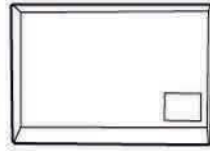
#33



#34



#35



#36



#37



1x Resin Torso Boxes 1 - 7

#27



#28



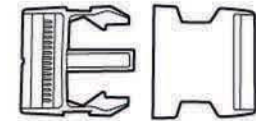
#29



#30

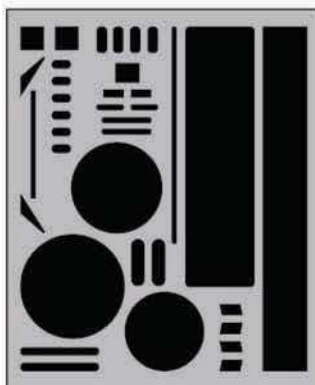


1x Resin Belt Boxes



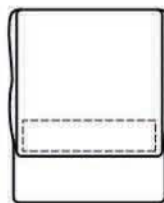
1x Side
Release
Buckle

#40



1x Decal Sticker Sheet

#39



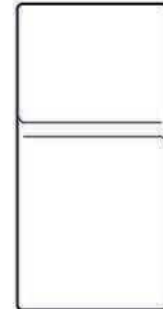
1x Short
Pouch

#38B



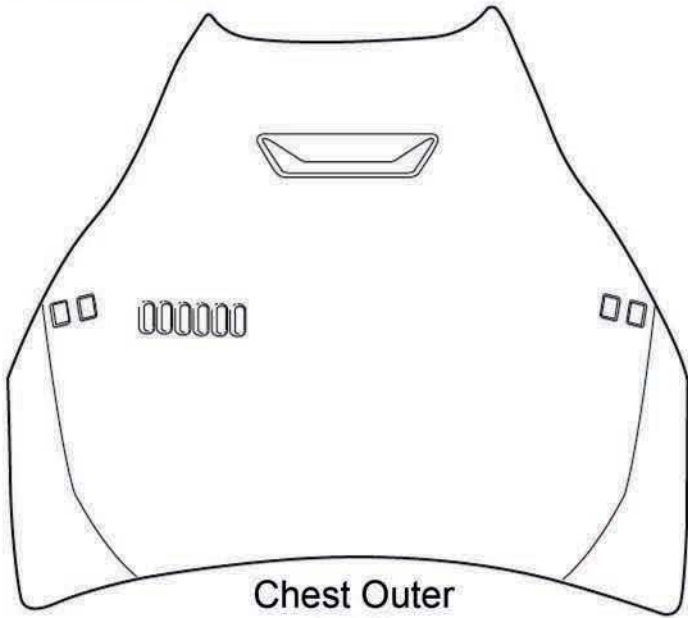
1x Tall
Pouch

#38A

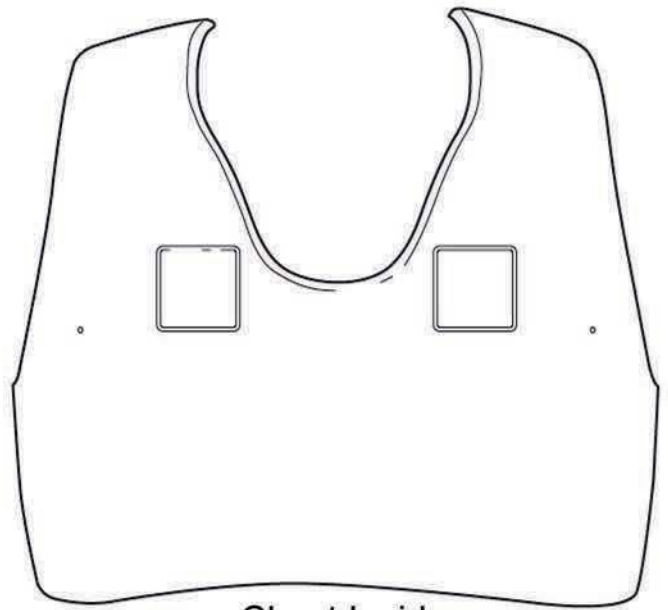


1x Pouch
Cover

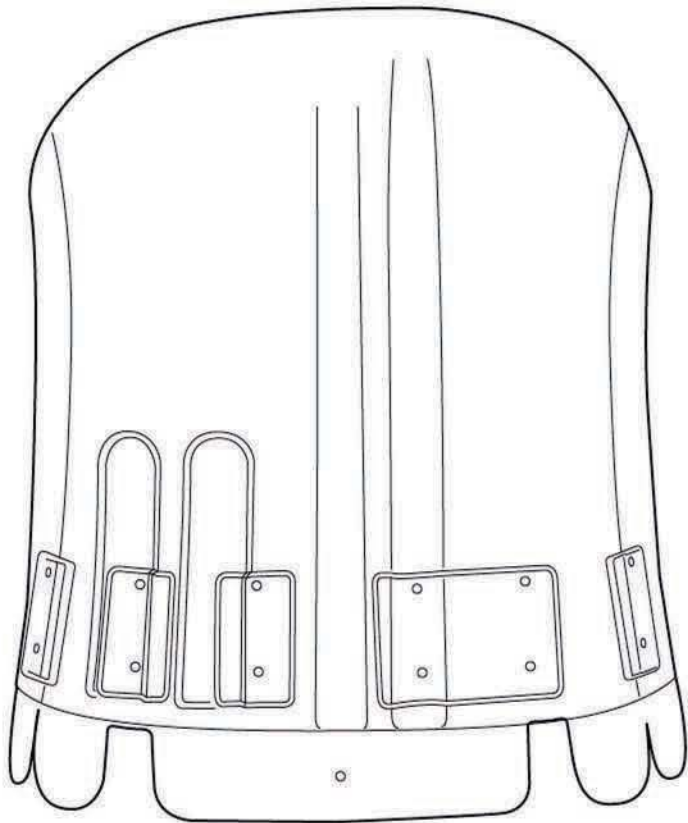
PARTS



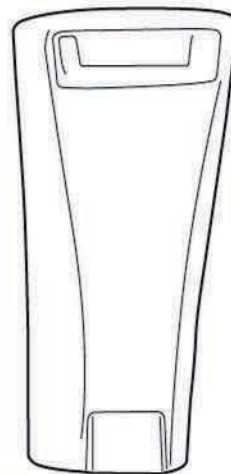
Chest Outer
(01A)



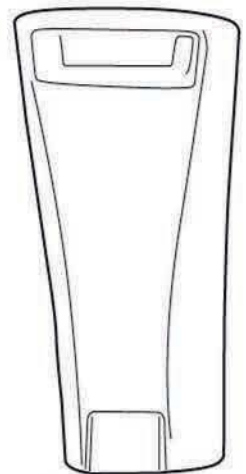
Chest Inside
(01B)



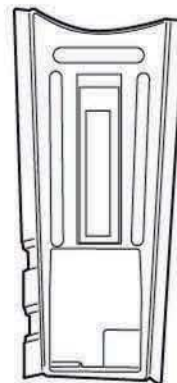
Torso Front
(09A)



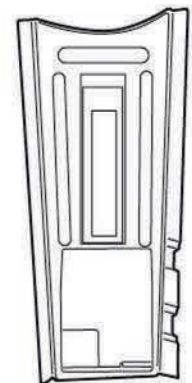
Forearm Top
Right (06A)



Forearm Top
Left (05A)



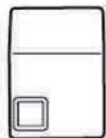
Forearm Bottom
Right (06B)



Forearm Bottom
Left (05B)

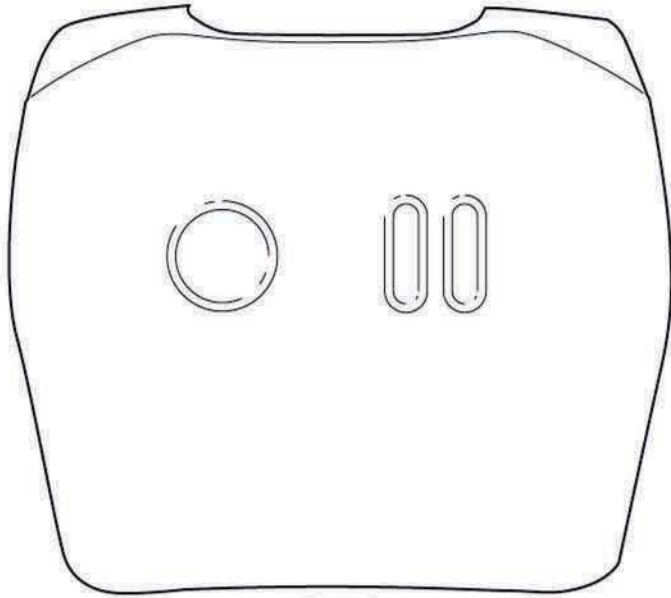


Forearm Box
Right (06C)



Forearm Box
Left (05C)

PARTS



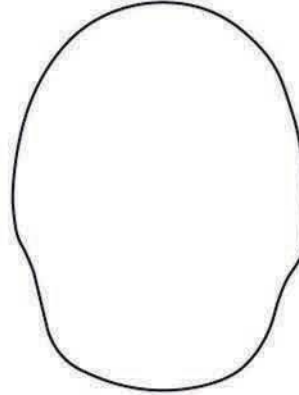
Back
(01C)



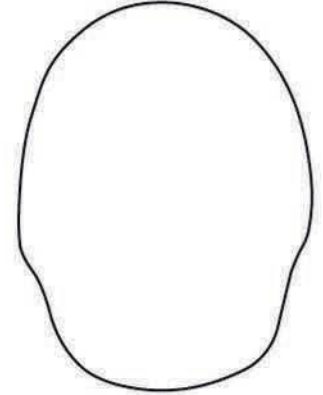
Shoulder
Lip Left
(02C)



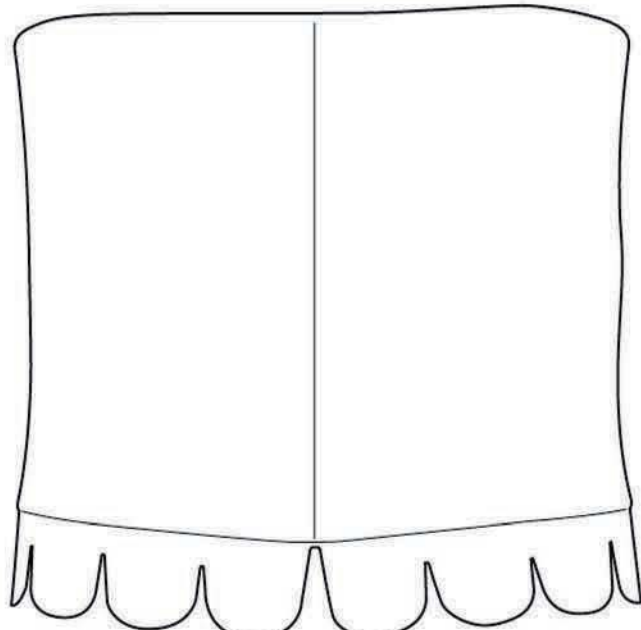
Shoulder
Lip Right
(02D)



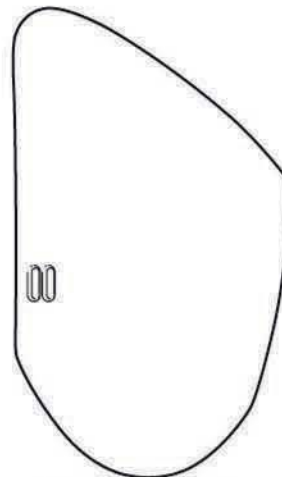
Shoulder
Left (02A)



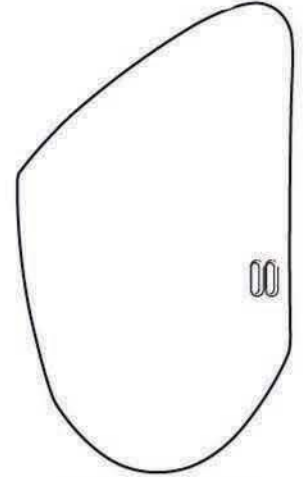
Shoulder
Right (02B)



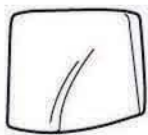
Torso Back
(09B)



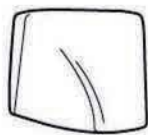
Bicep Outer
Left (03A)



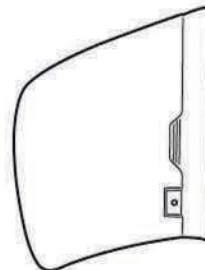
Bicep Outer
Right (04A)



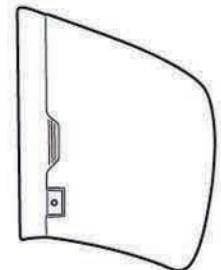
Hand Plate
Left (08)



Hand Plate
Right (07)

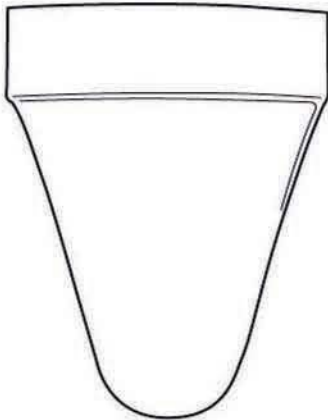


Bicep Inside
Left (03B)

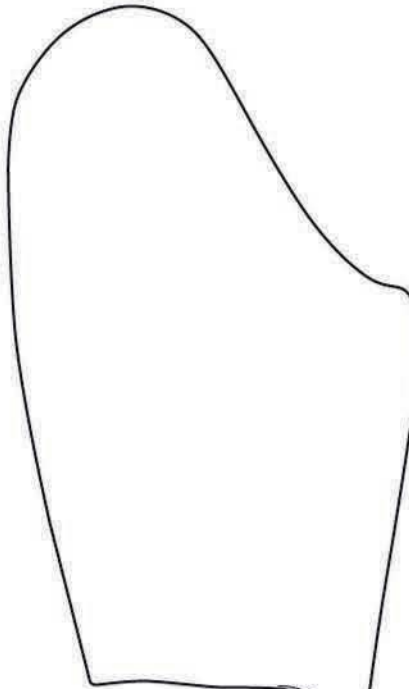


Bicep Inside
Right (04B)

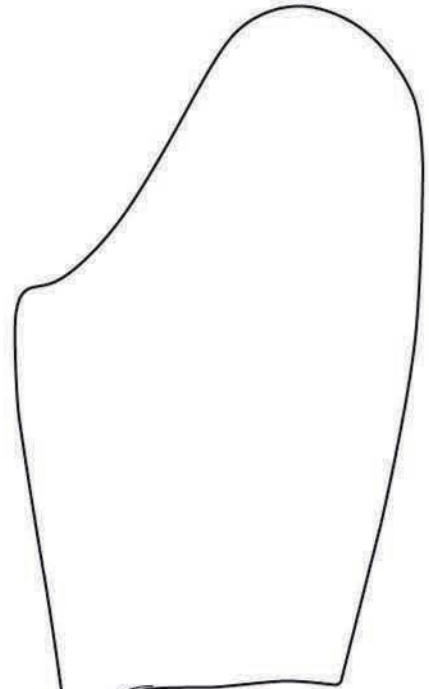
PARTS



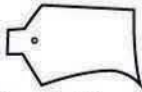
Cod
(12)



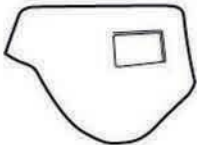
Thigh Front
Right (14A)



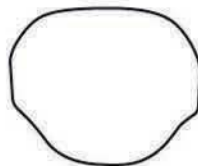
Thigh Front
Left (15A)



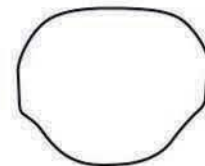
Spat Back
Left (20B)



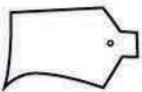
Spat Left
(20A)



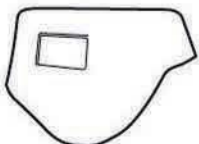
Knee Right
(16A)



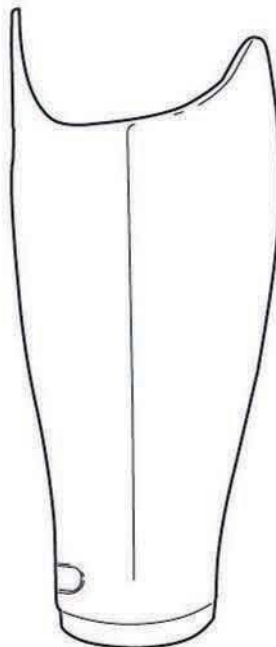
Knee Left
(16B)



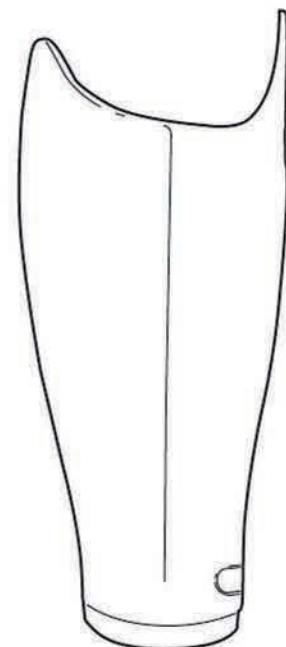
Spat Back
Right (19B)



Spat Right
(19A)

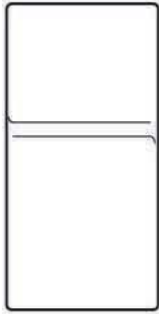


Shin Right
(17A)

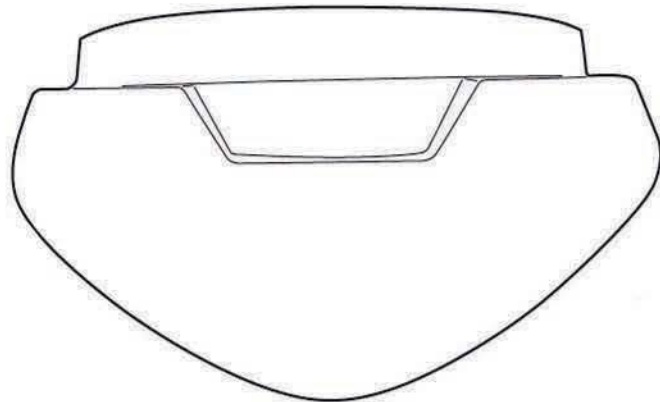


Shin Left
(18A)

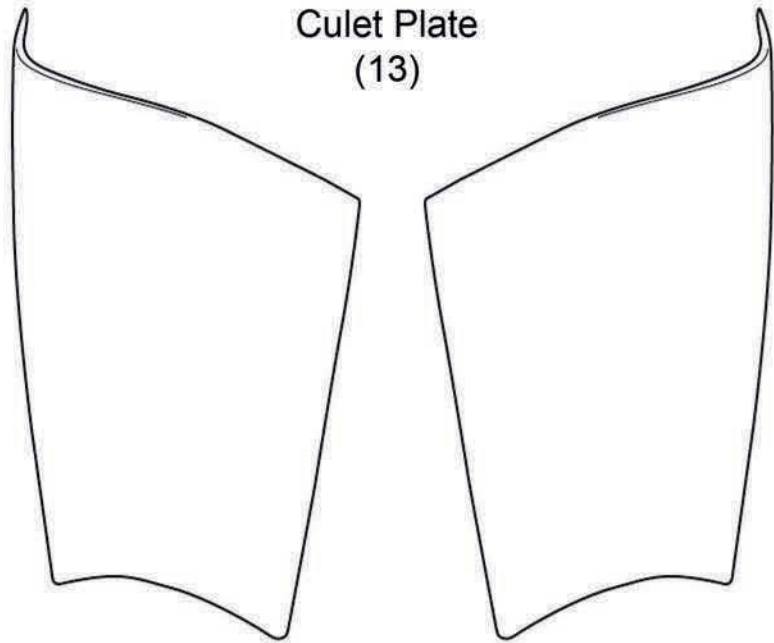
PARTS



Tall Pouch
Cover (38A)

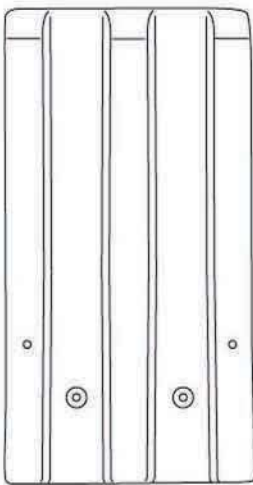


Culet Plate
(13)

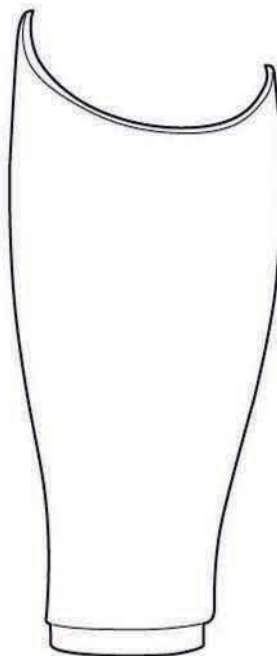


Thigh Back
Left
(15B)

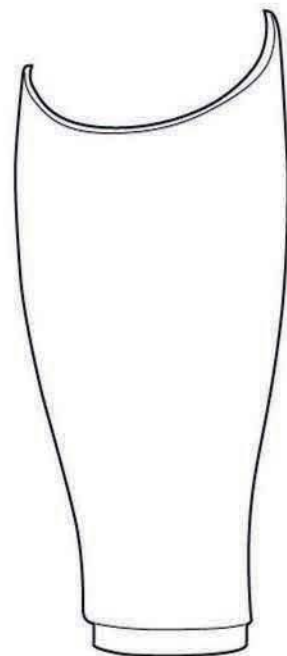
Thigh Back
Right
(14B)



Spine Plate
(10)



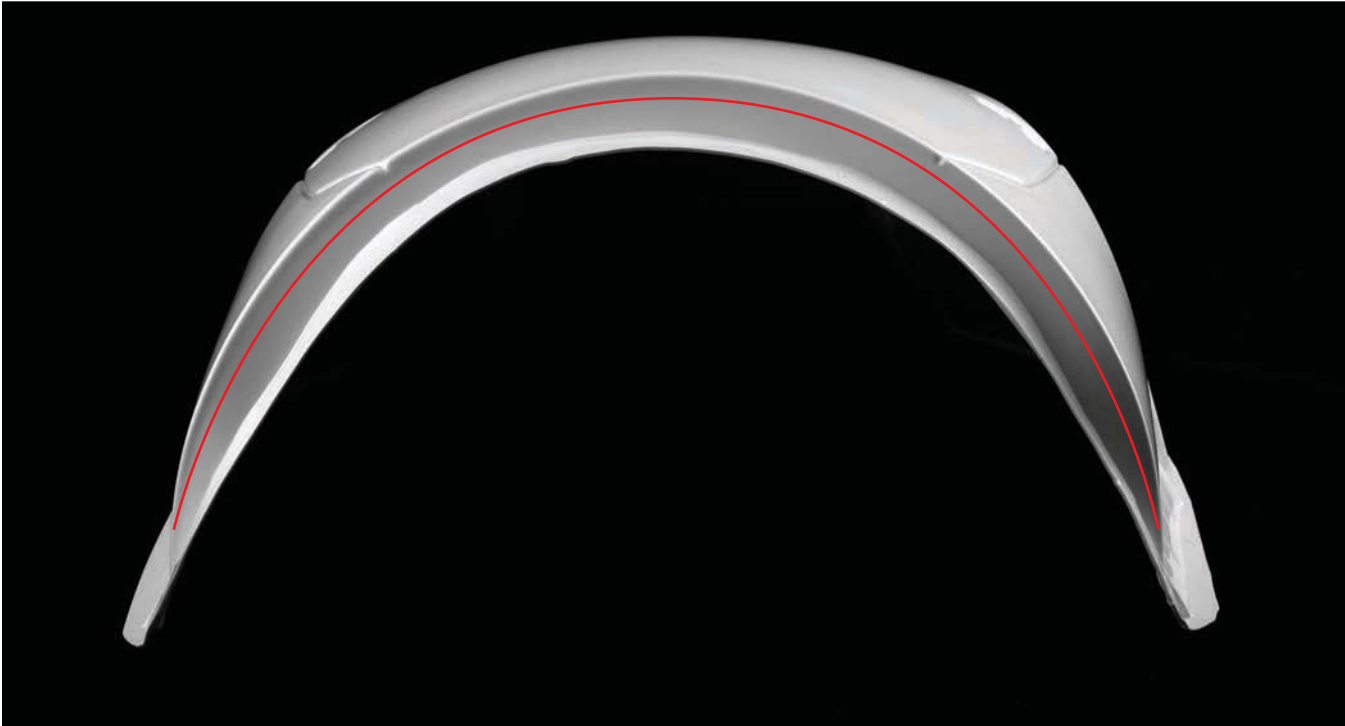
Calf Left
(18B)



Calf Right
(17B)

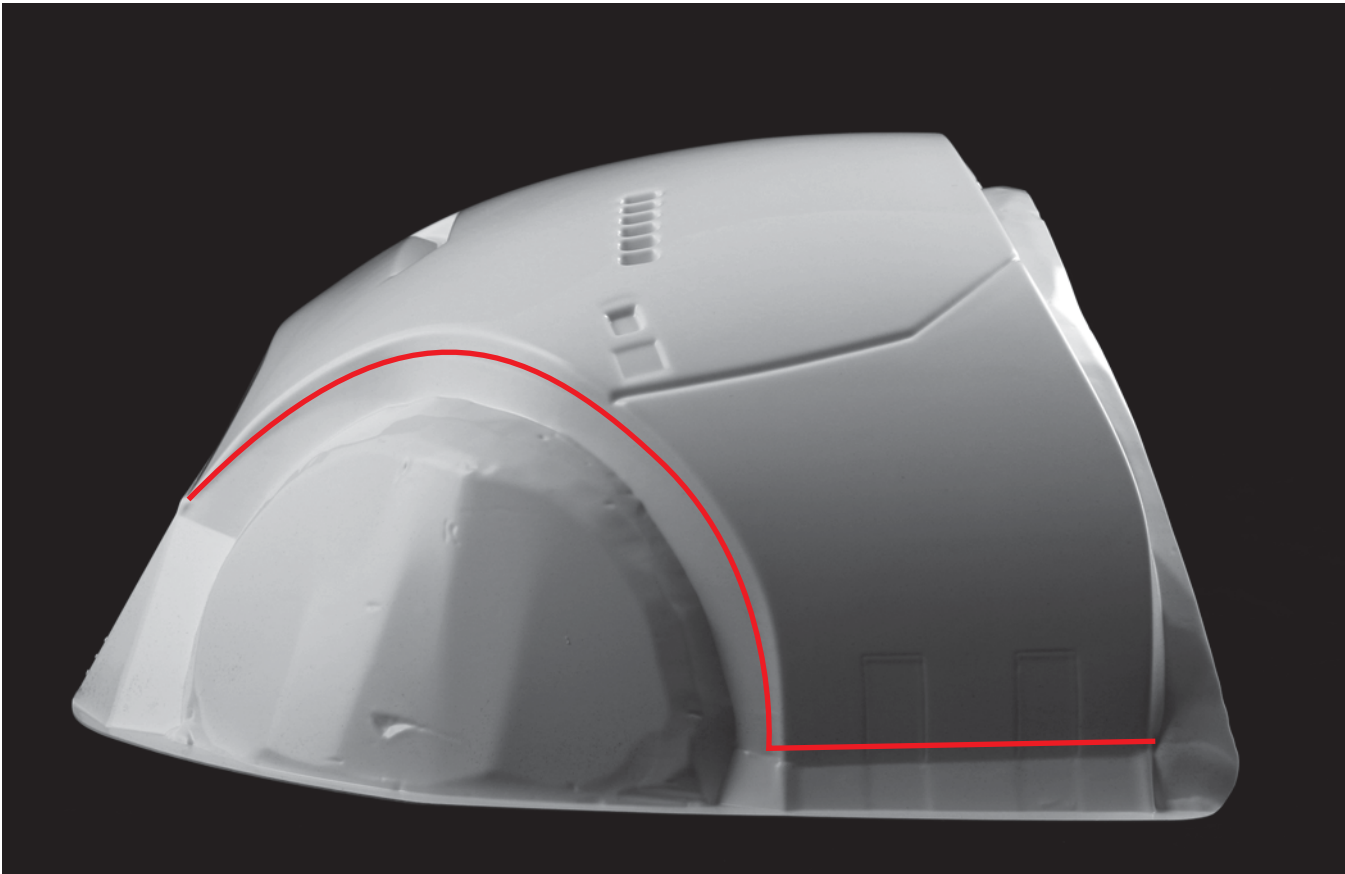
CUT INSTRUCTIONS

PART 01A - CHEST OUTER



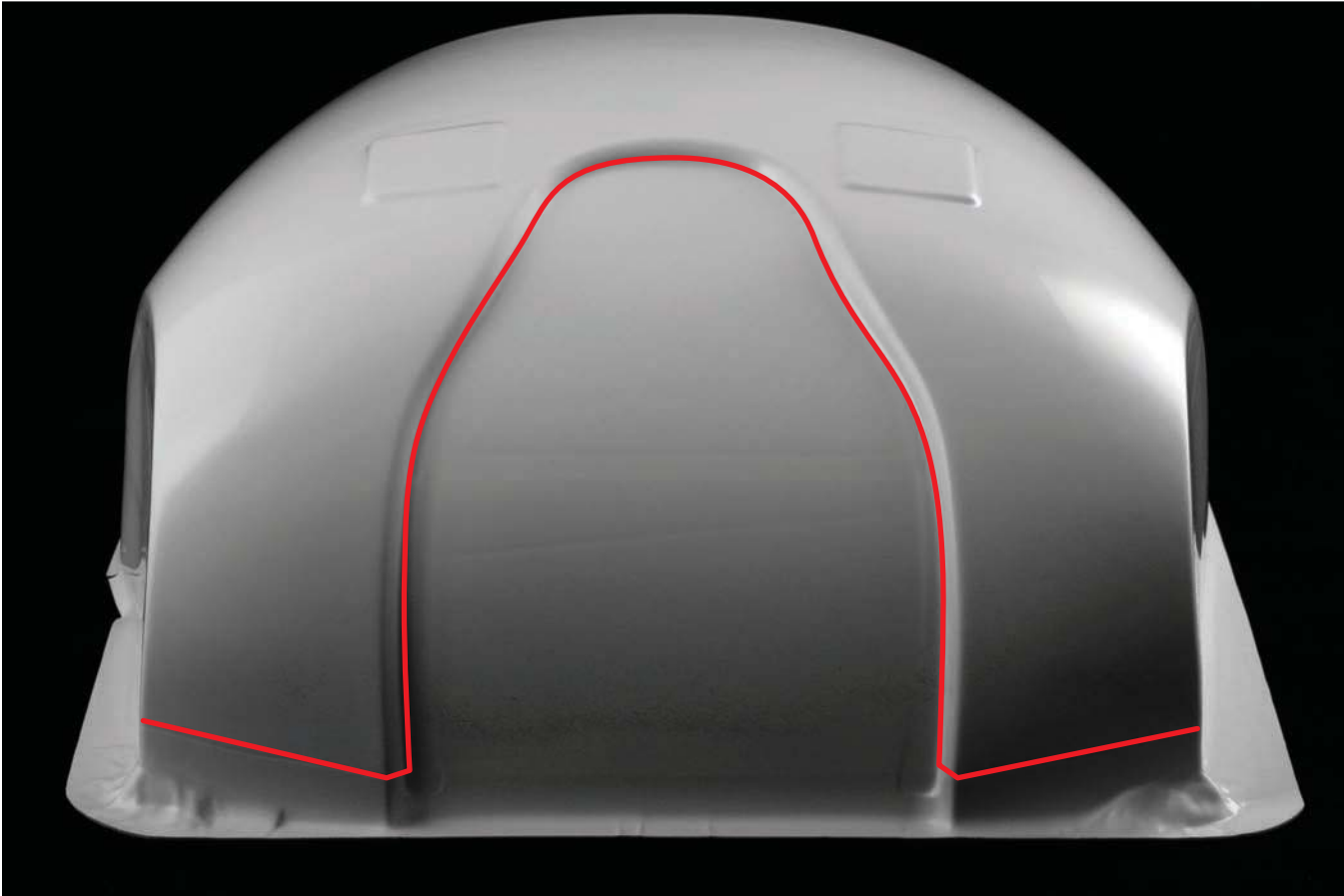
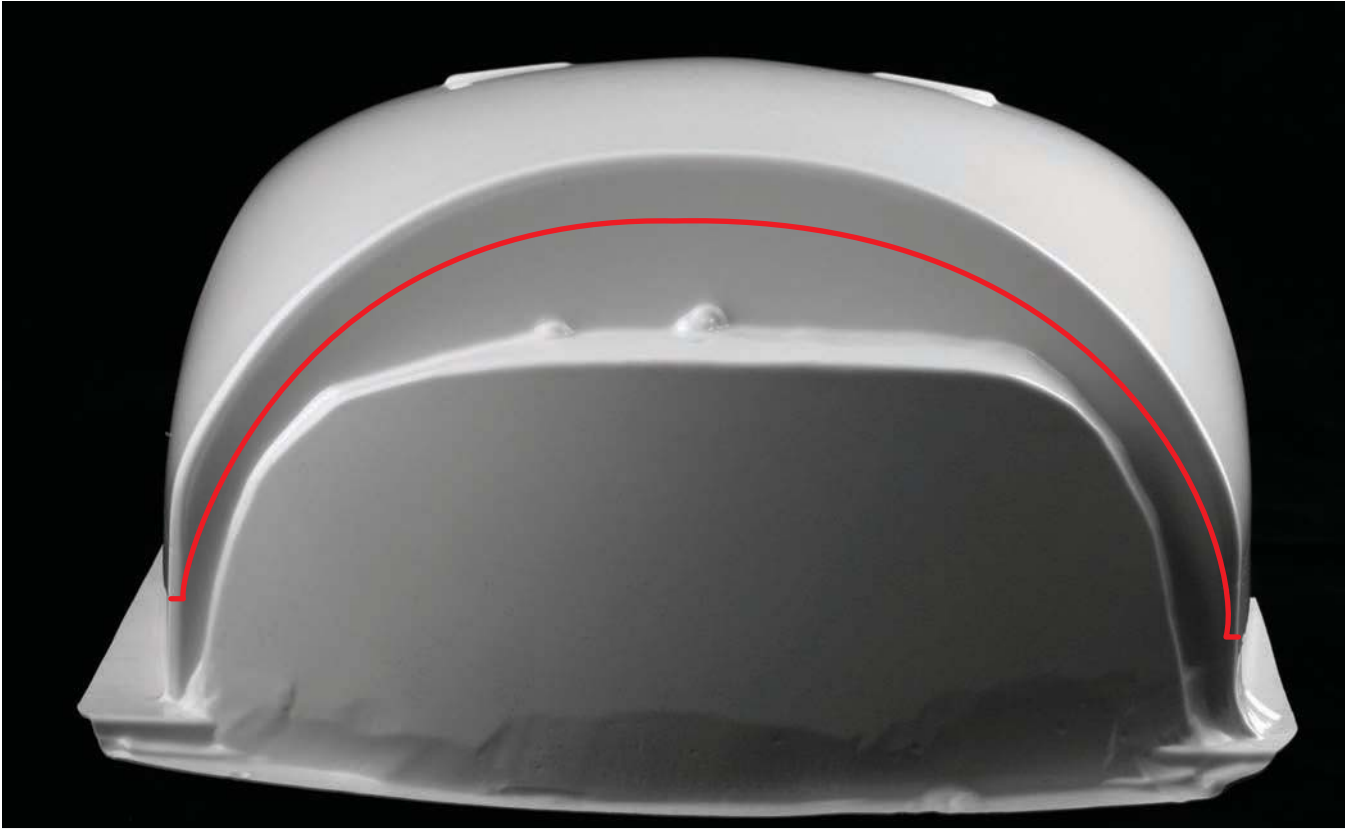
CUT INSTRUCTIONS

PART 01A - CHEST INSIDE



CUT INSTRUCTIONS

PART 01AB- CHEST INSIDE



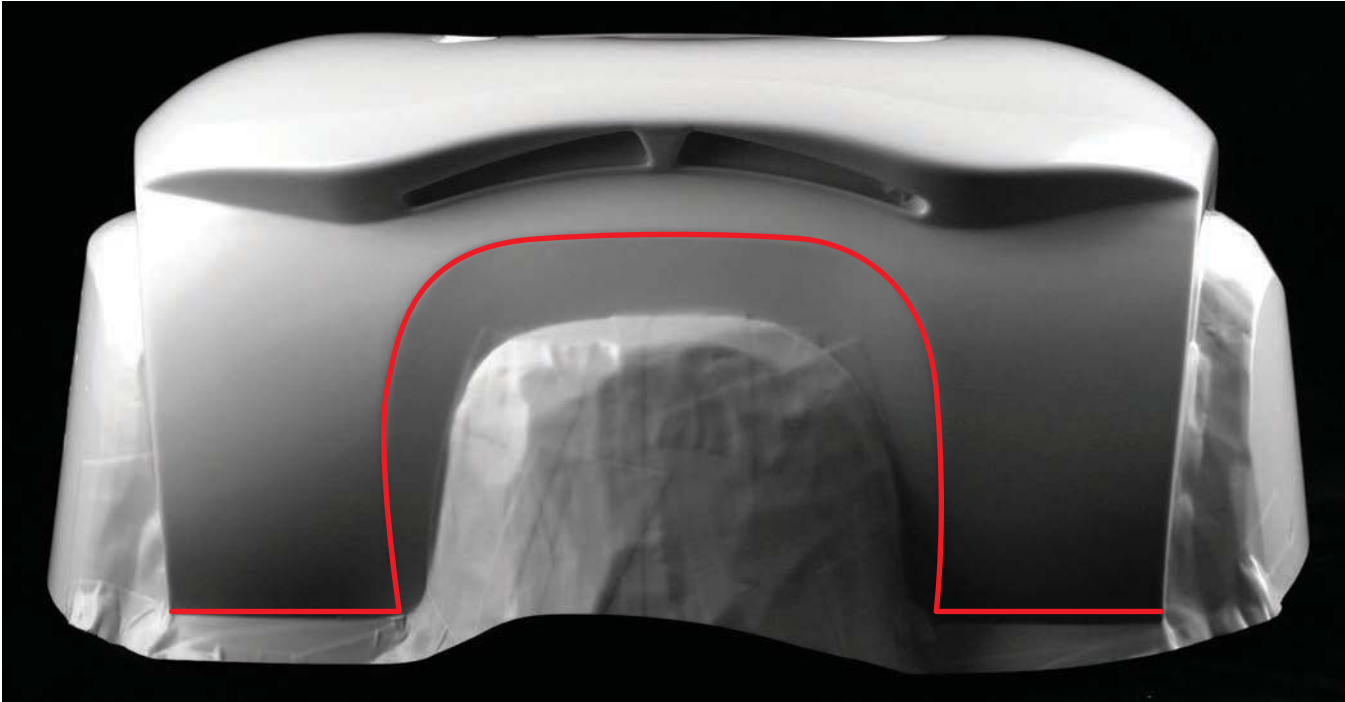
CUT INSTRUCTIONS

PART 01AB- CHEST INSIDE



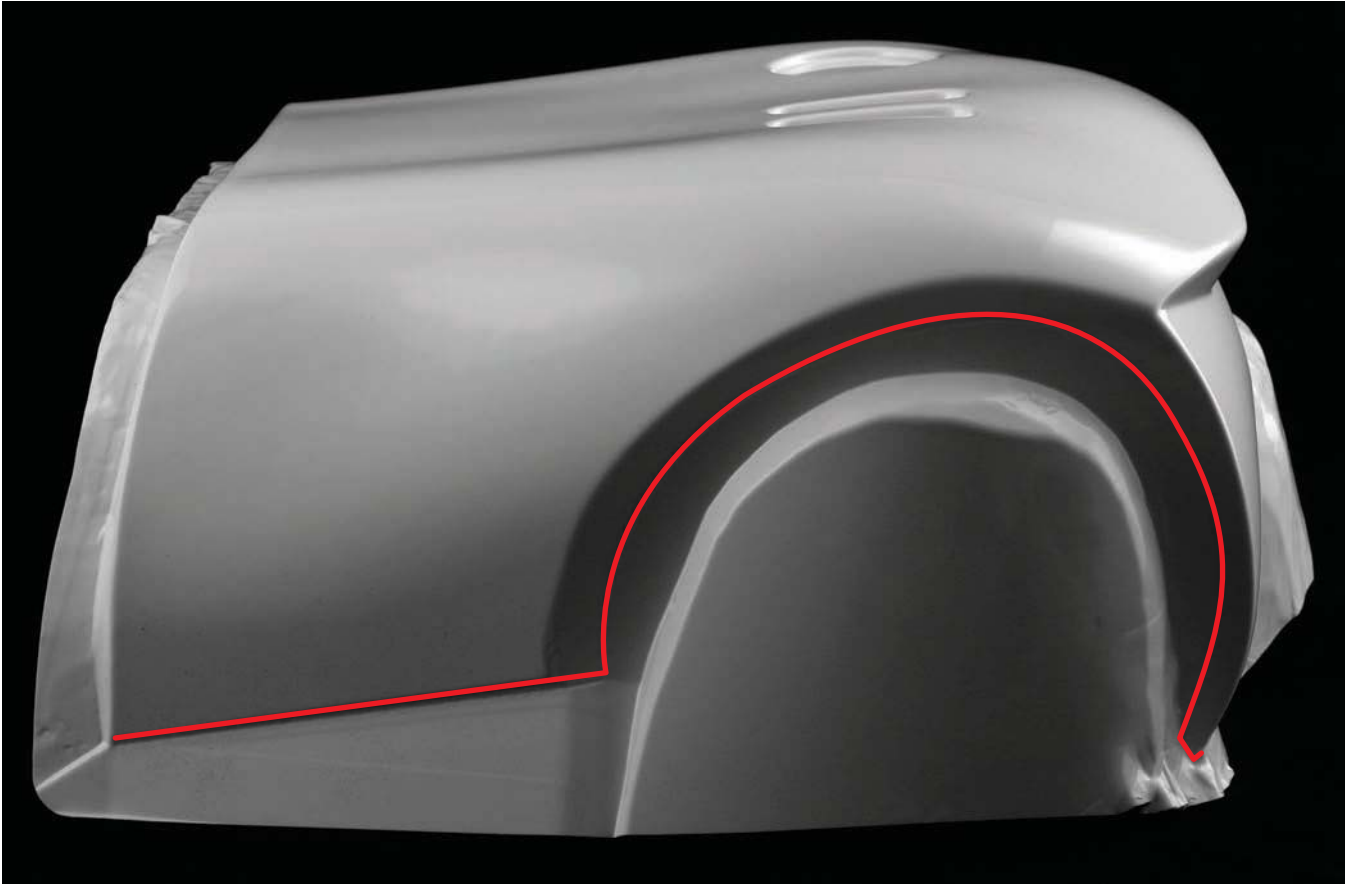
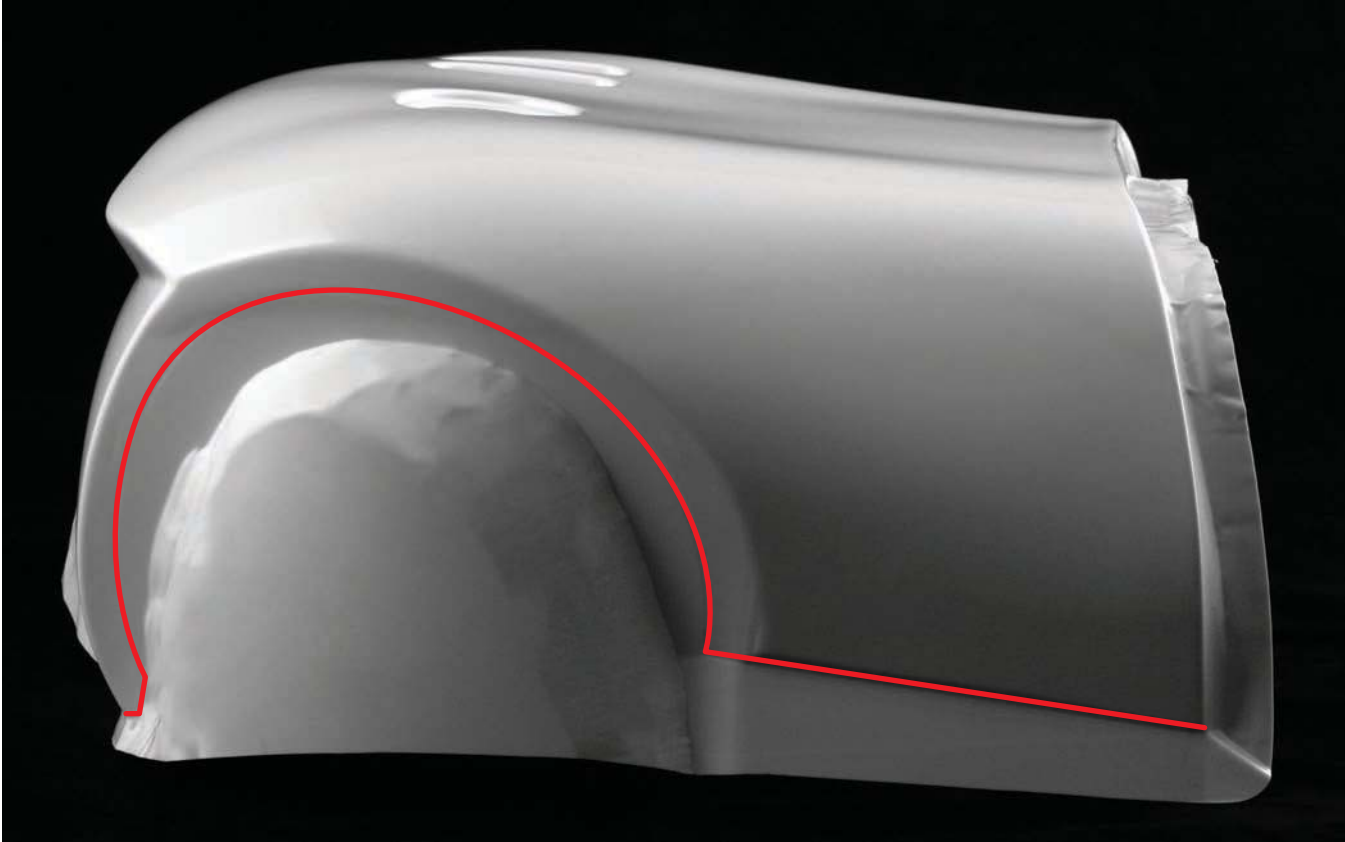
CUT INSTRUCTIONS

PART 01C - BACK



CUT INSTRUCTIONS

PART 01C - BACK



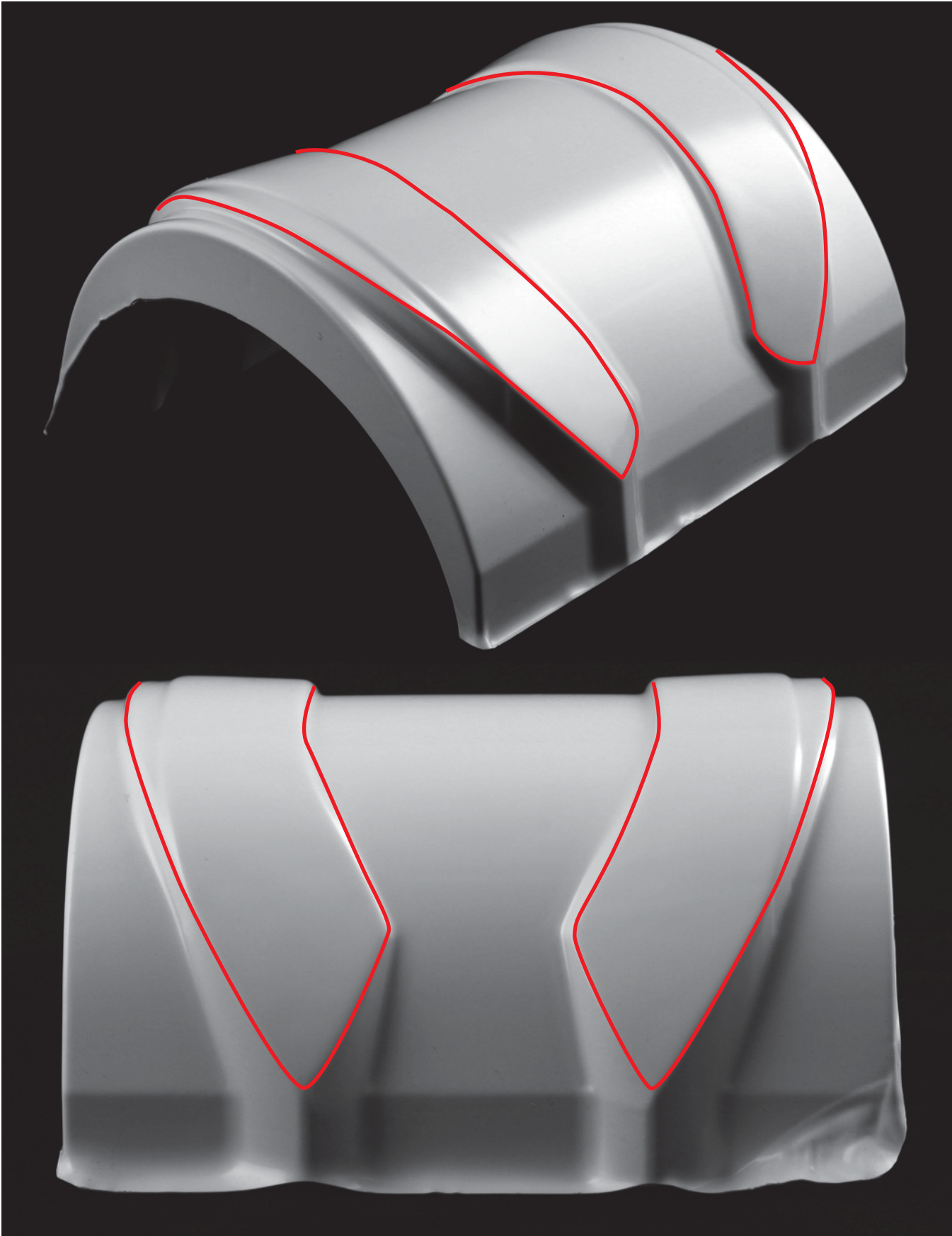
CUT INSTRUCTIONS

PART 02A / 02B - SHOULDER - LEFT / RIGHT



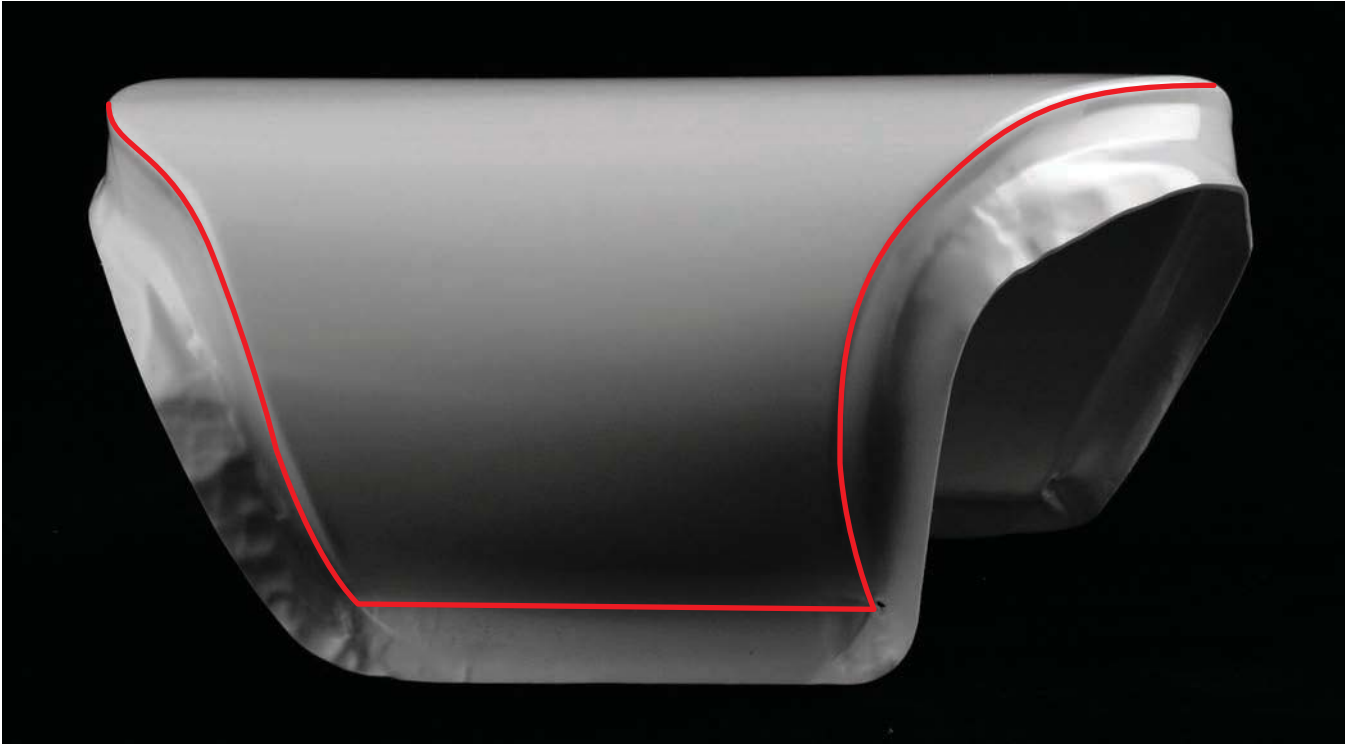
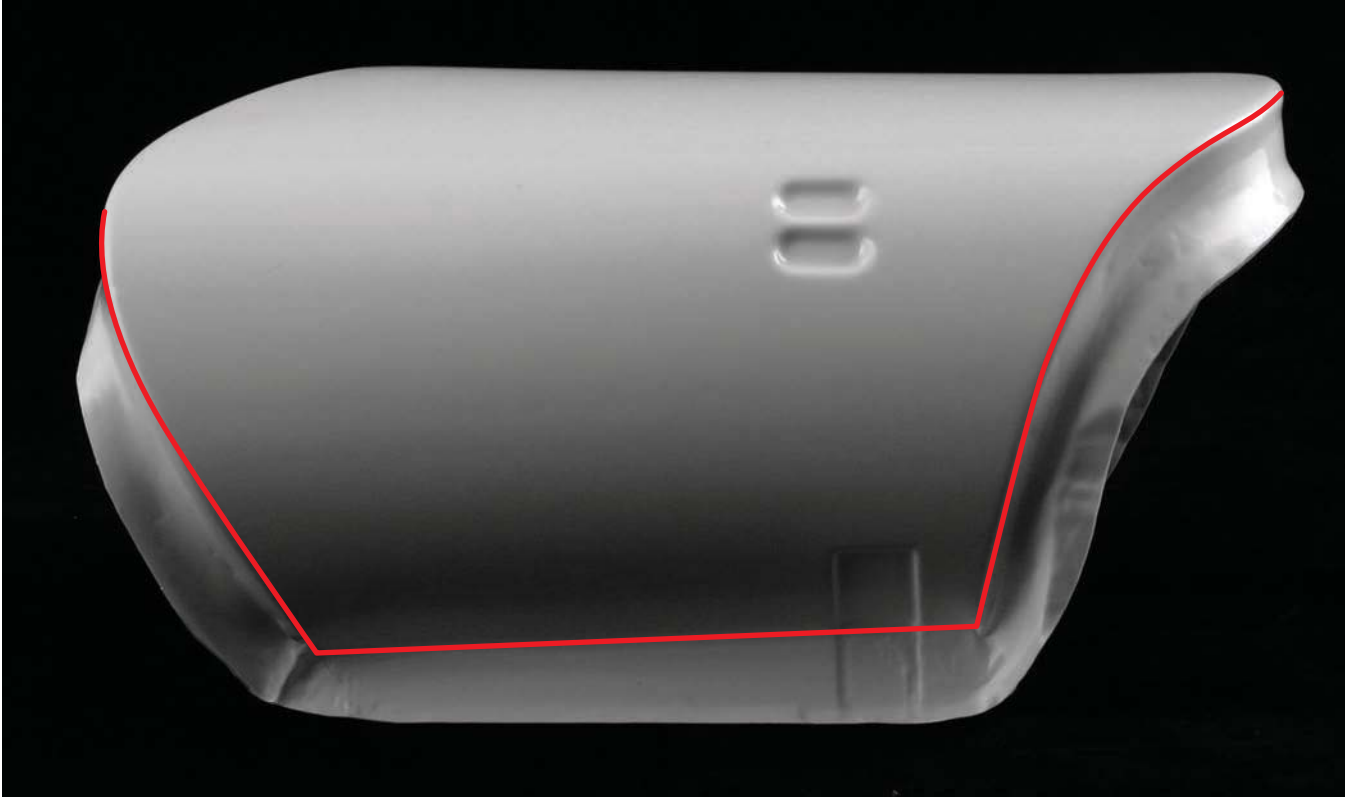
CUT INSTRUCTIONS

PART 02C / 02D - SHOULDER LIP - LEFT / RIGHT



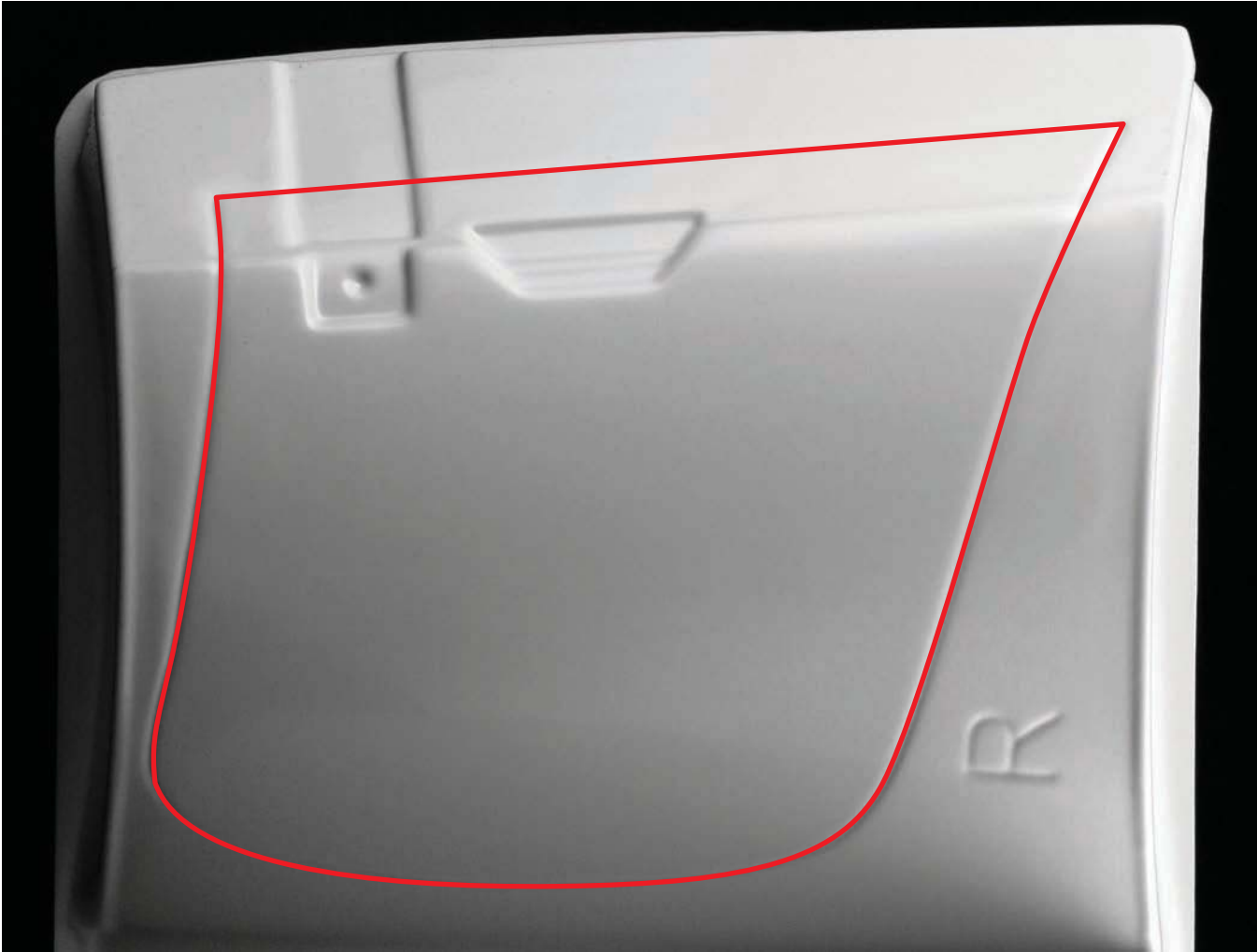
CUT INSTRUCTIONS

PART 03A / 04A - BICEP OUTER - LEFT / RIGHT



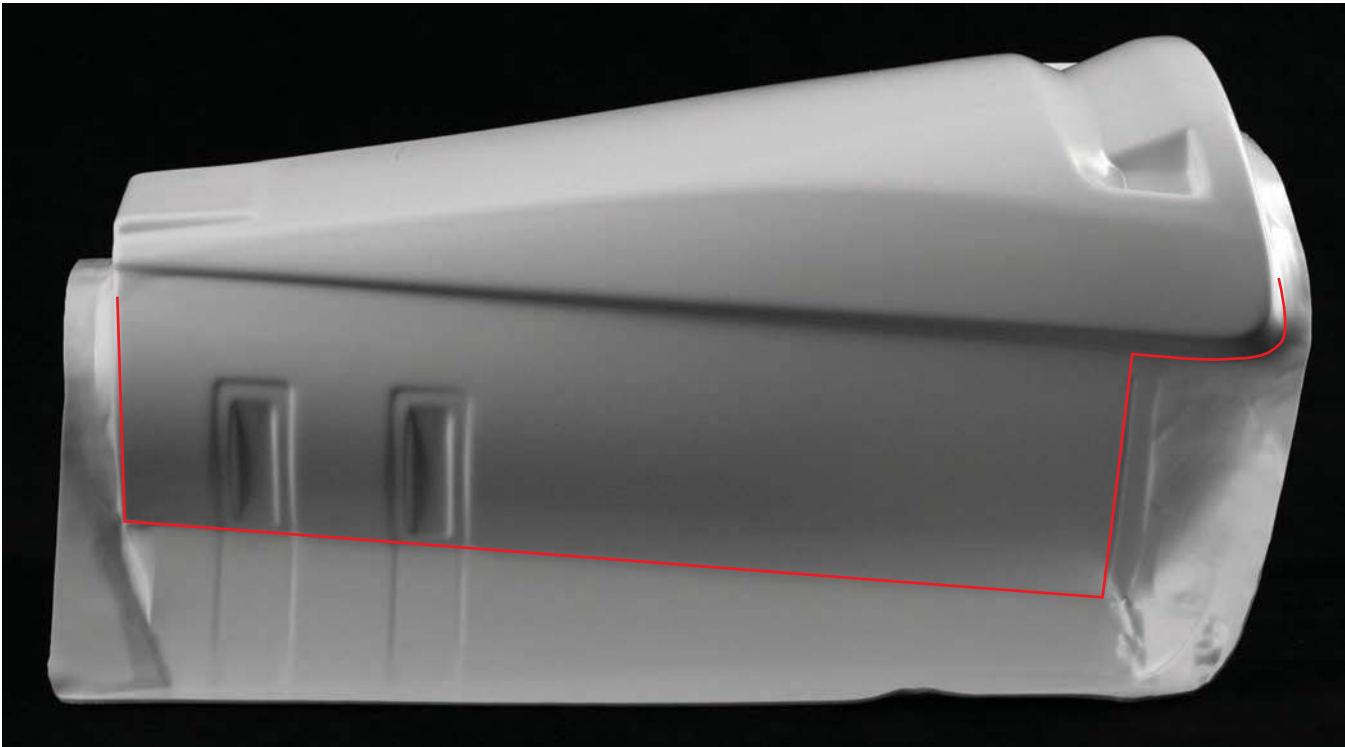
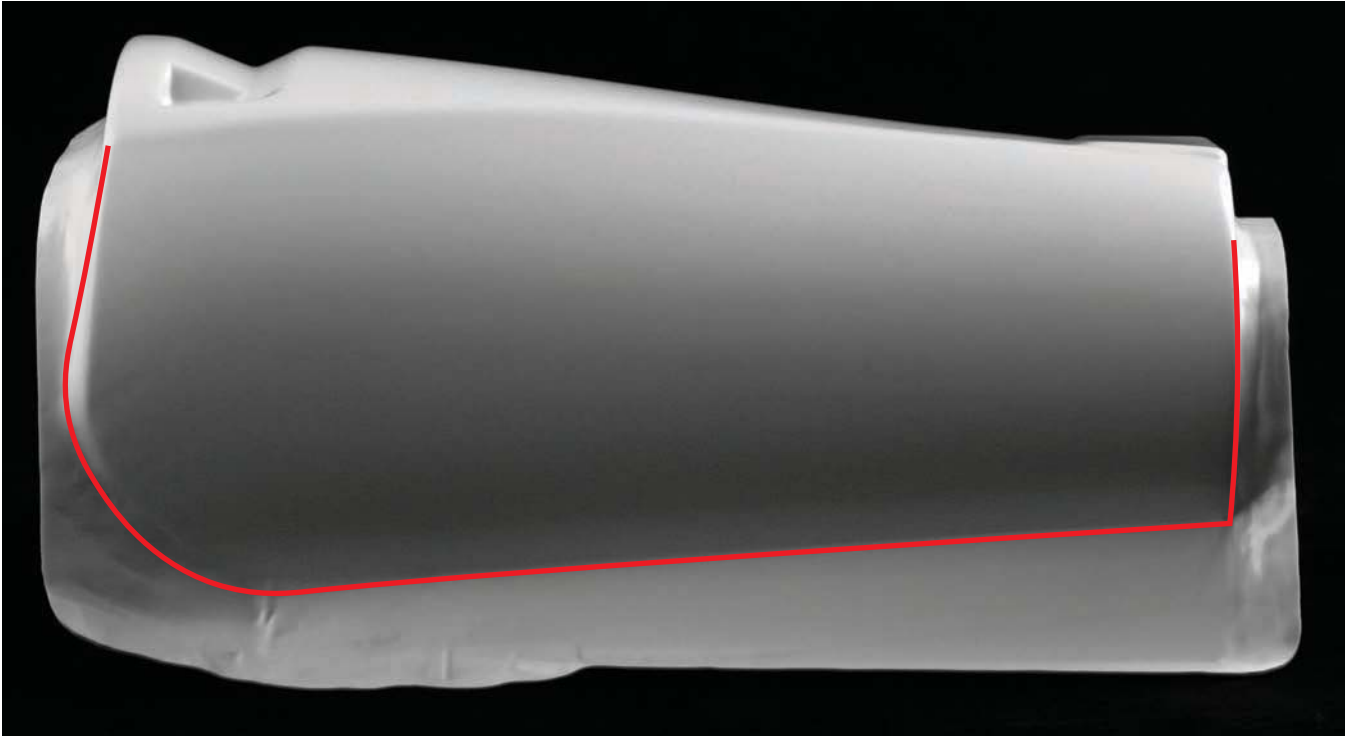
CUT INSTRUCTIONS

PART 03B/ 04B - BICEP INSIDE - LEFT / RIGHT



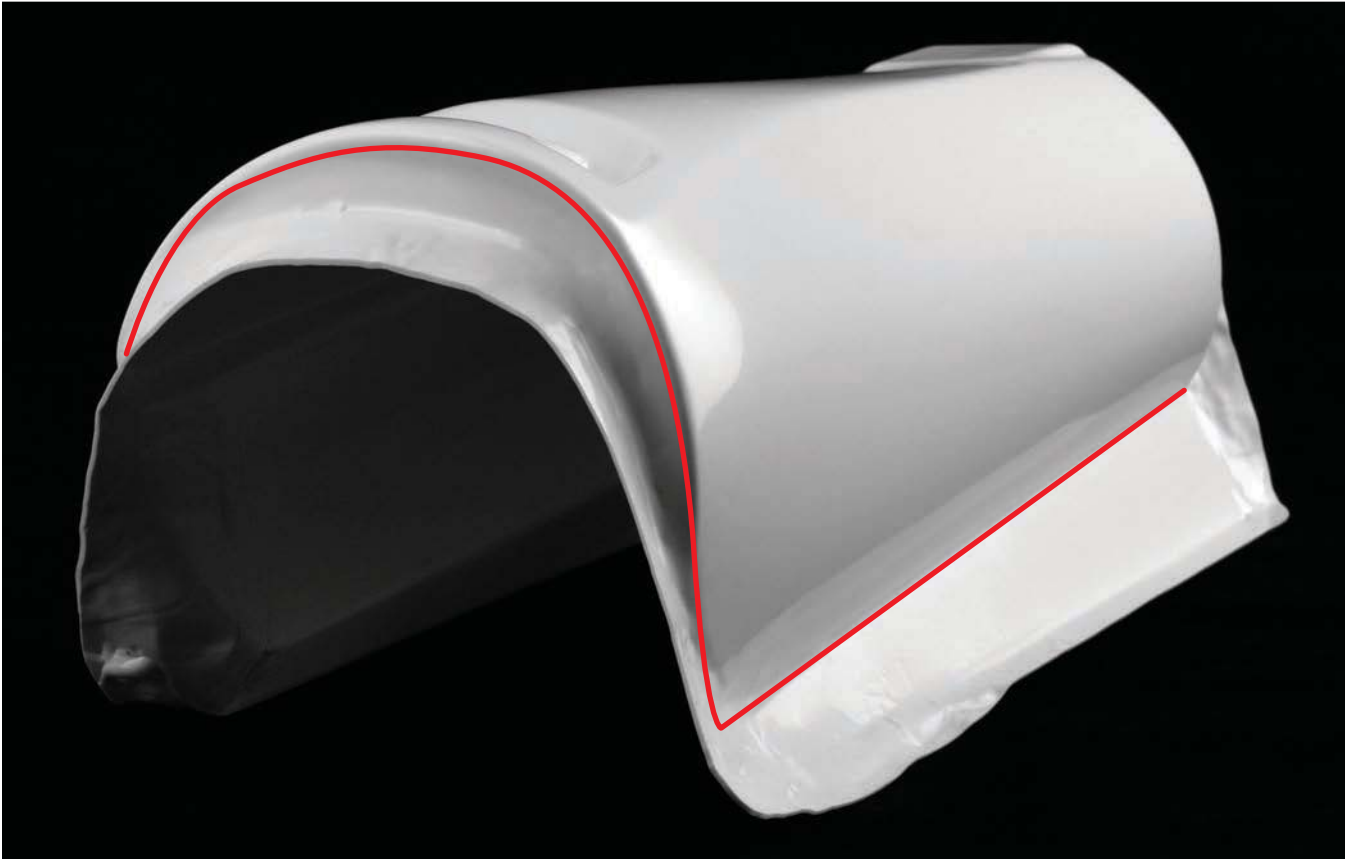
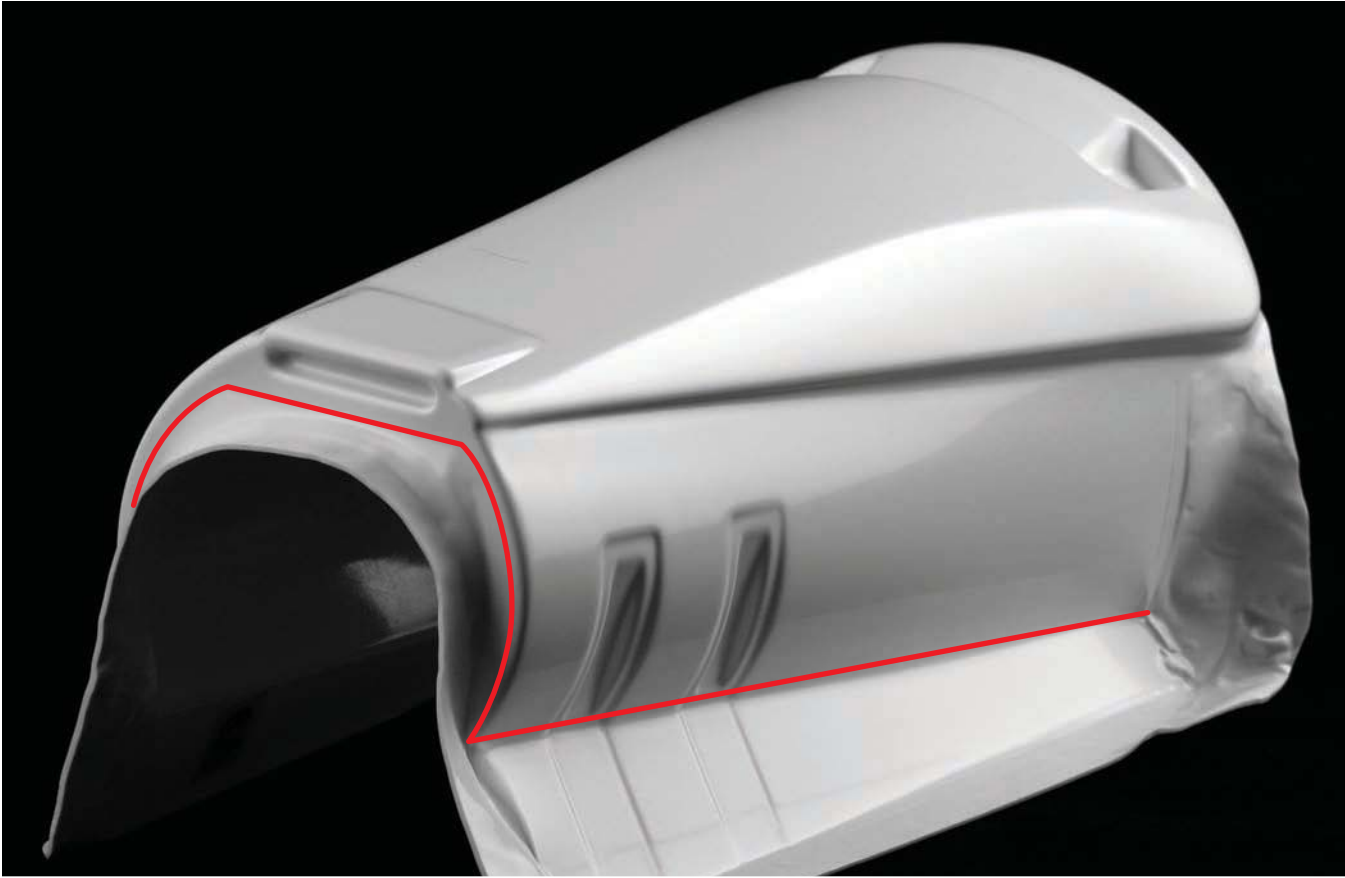
CUT INSTRUCTIONS

PART 05A/ 06A - FOREARM TOP - LEFT / RIGHT



CUT INSTRUCTIONS

PART 05A/ 06A - FOREARM TOP - LEFT / RIGHT



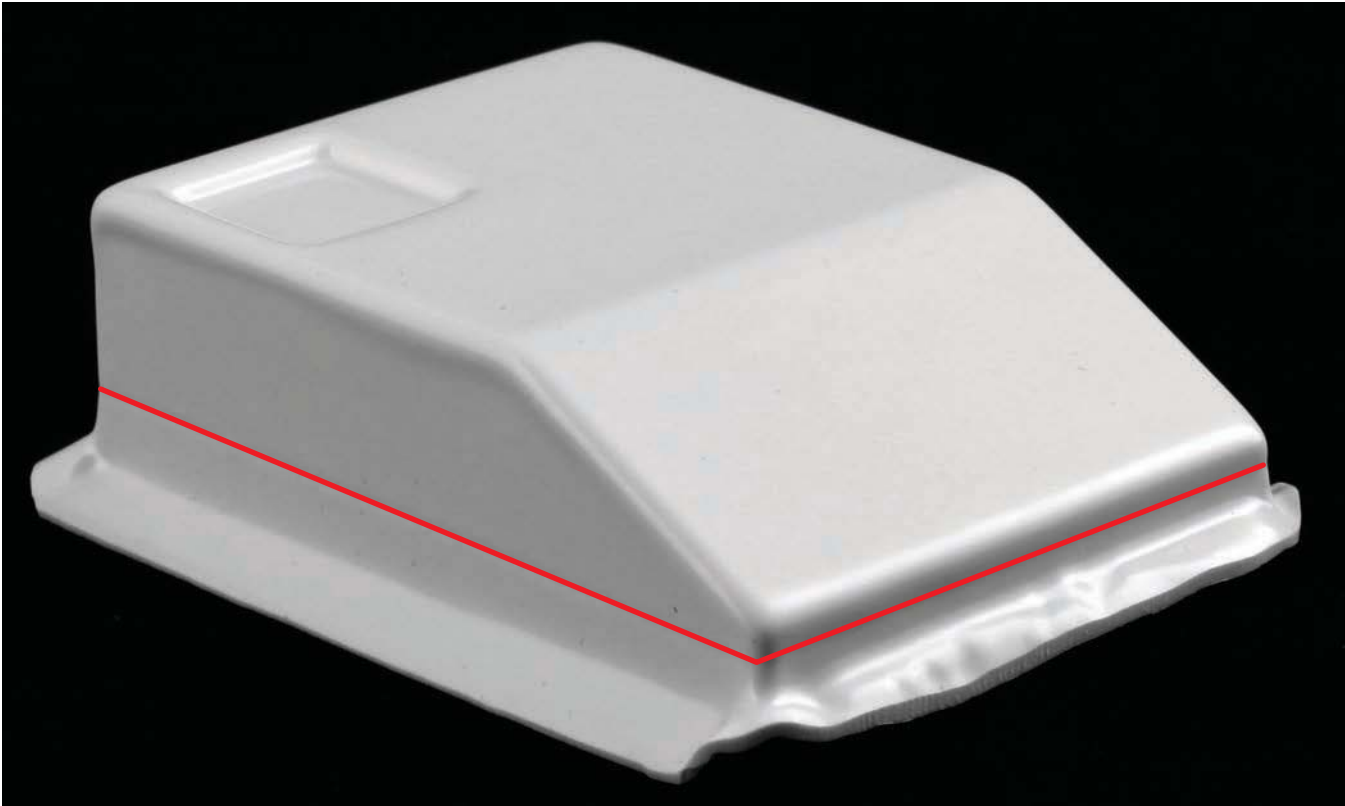
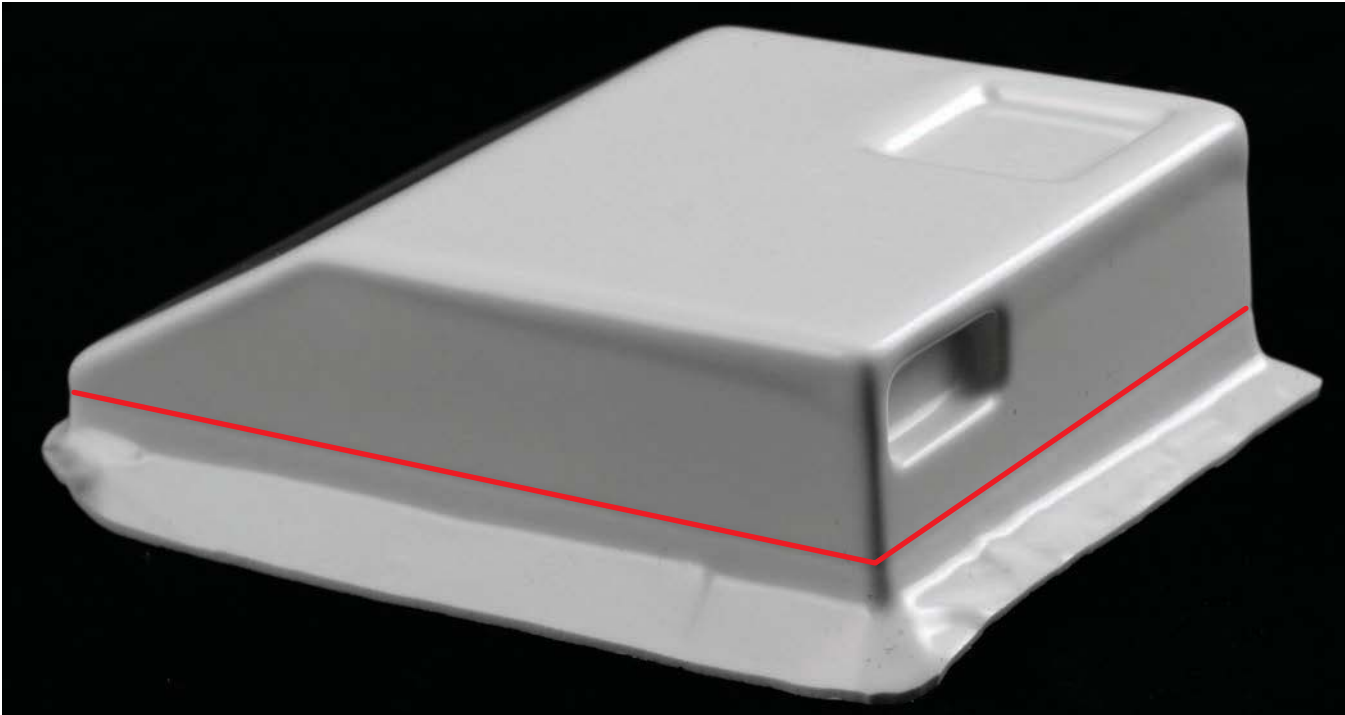
CUT INSTRUCTIONS

PART 05B/ 06B - FOREARM BOTTOM - LEFT / RIGHT



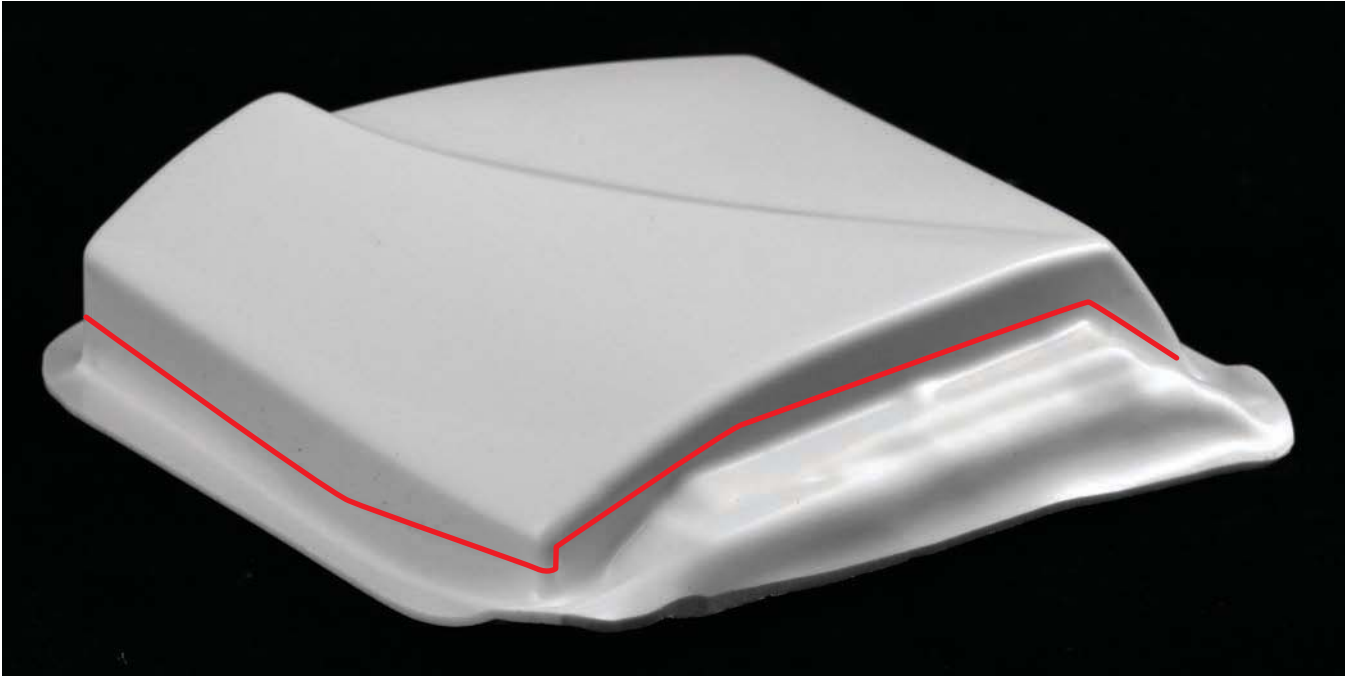
CUT INSTRUCTIONS

PART 05C/ 06C - FOREARM BOX - LEFT / RIGHT



CUT INSTRUCTIONS

PART 07 / 08 - HAND PLATE - LEFT / RIGHT



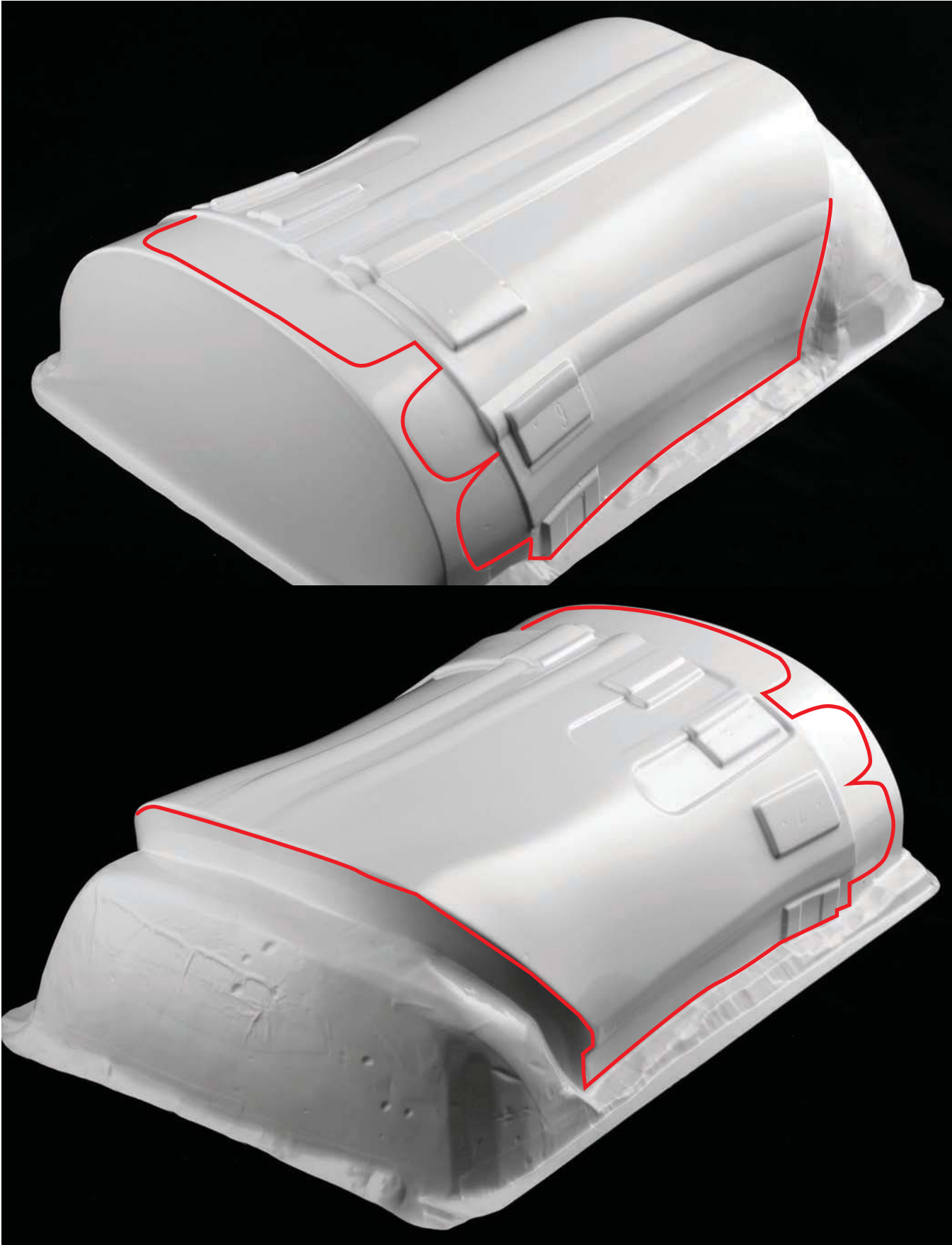
CUT INSTRUCTIONS

PART 09A - TORSO FRONT



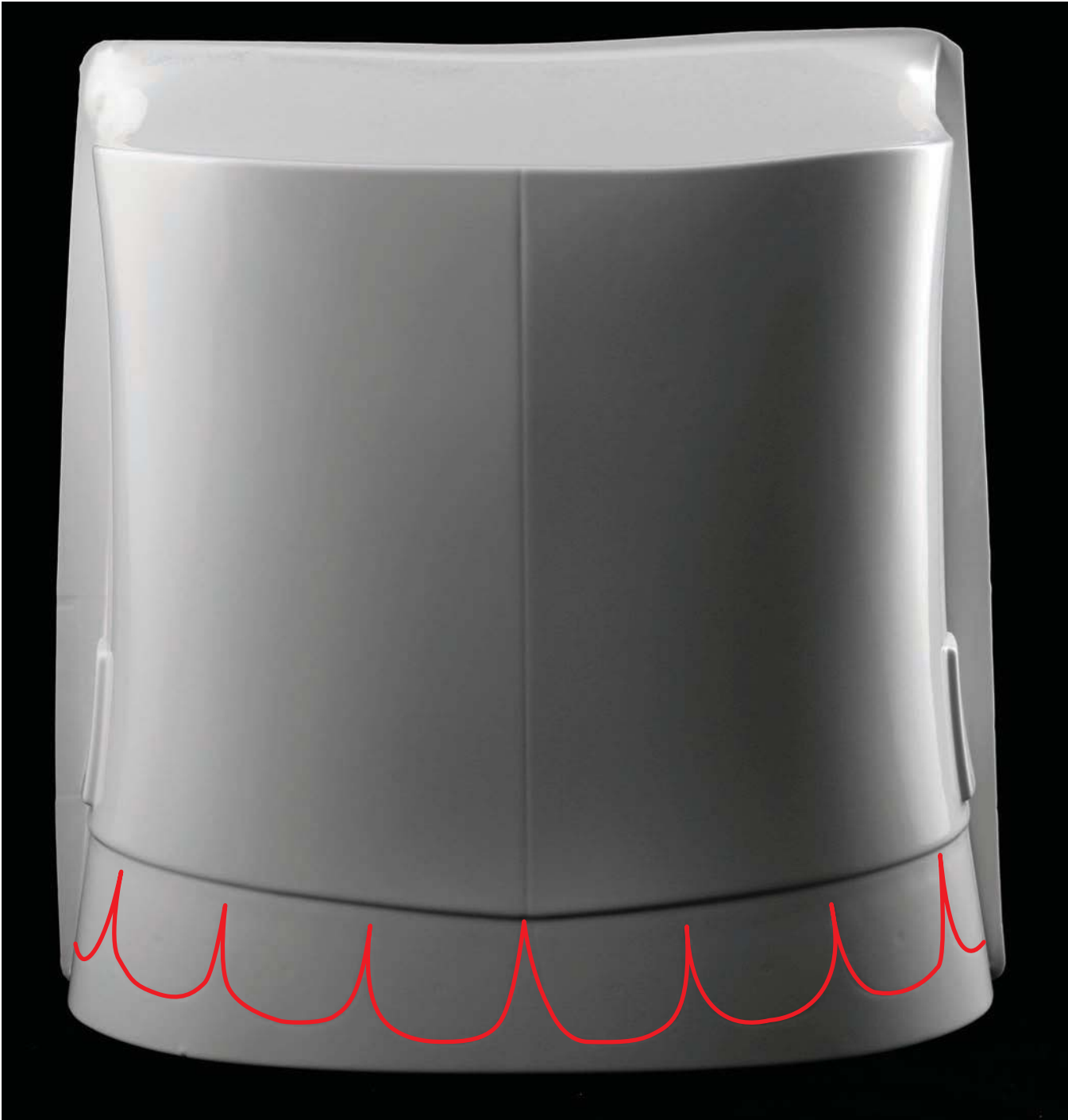
CUT INSTRUCTIONS

PART 09A - TORSO FRONT



CUT INSTRUCTIONS

PART 09B - TORSO BACK



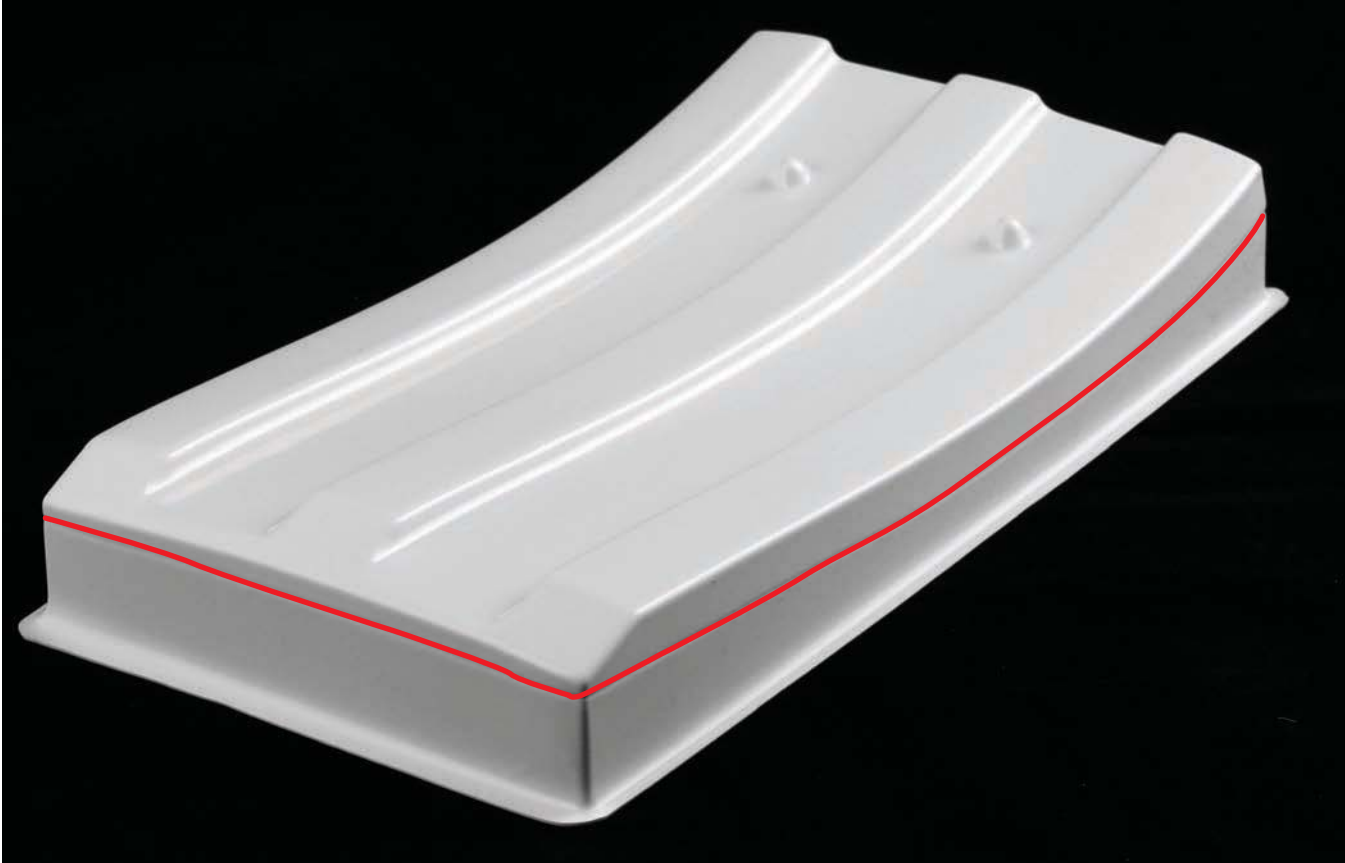
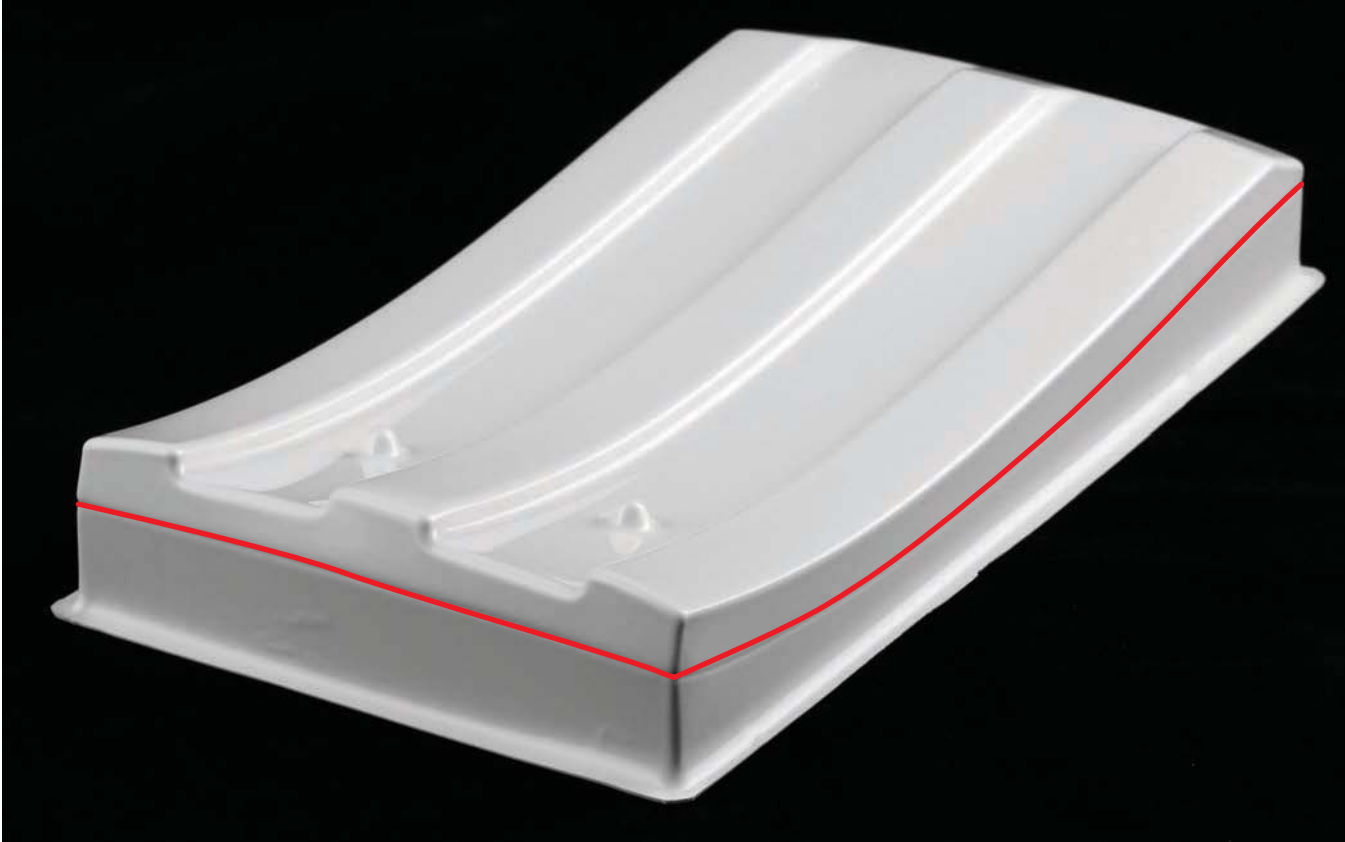
CUT INSTRUCTIONS

PART 09B - TORSO BACK



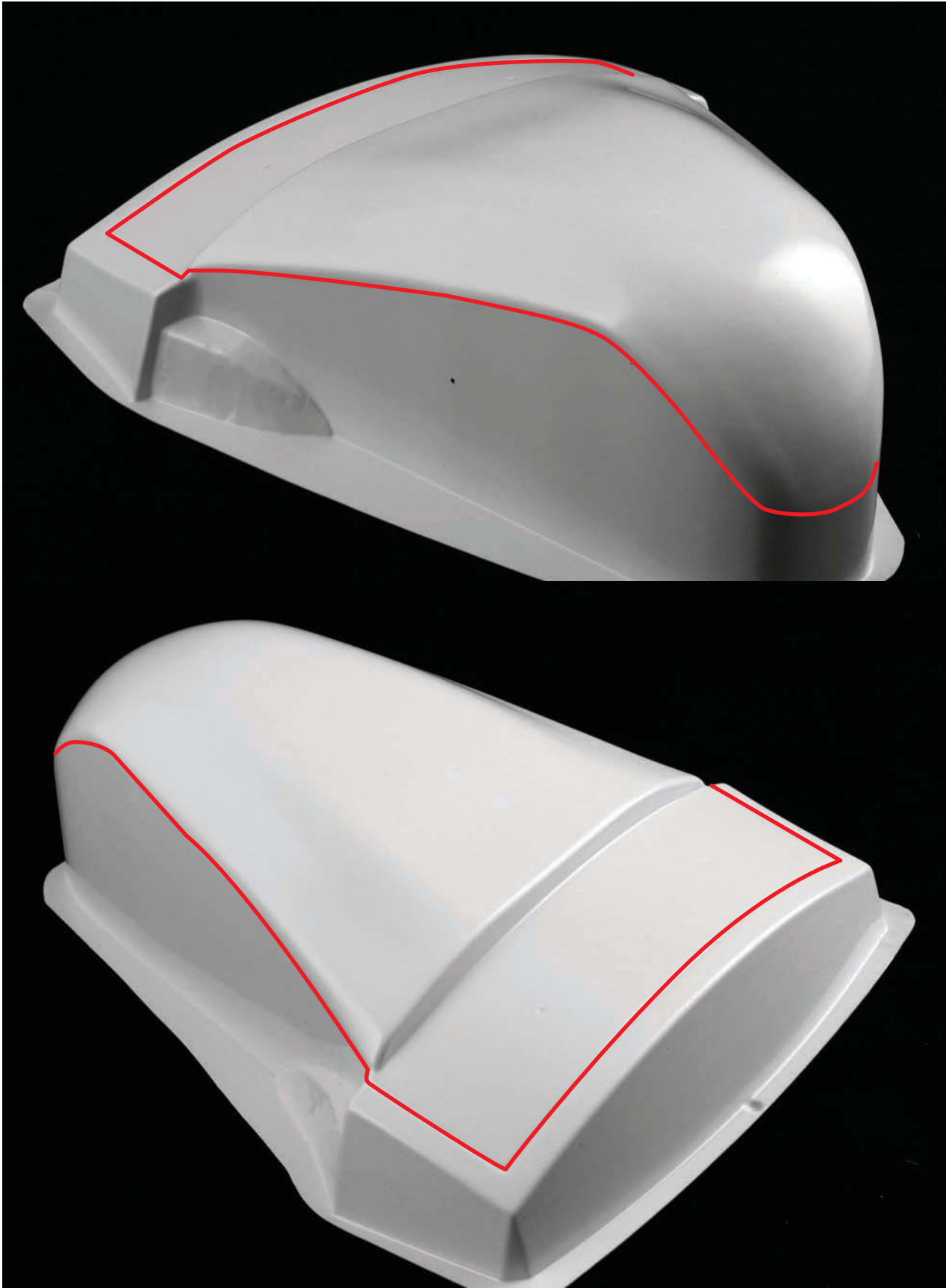
CUT INSTRUCTIONS

PART 10- SPINE PLATE



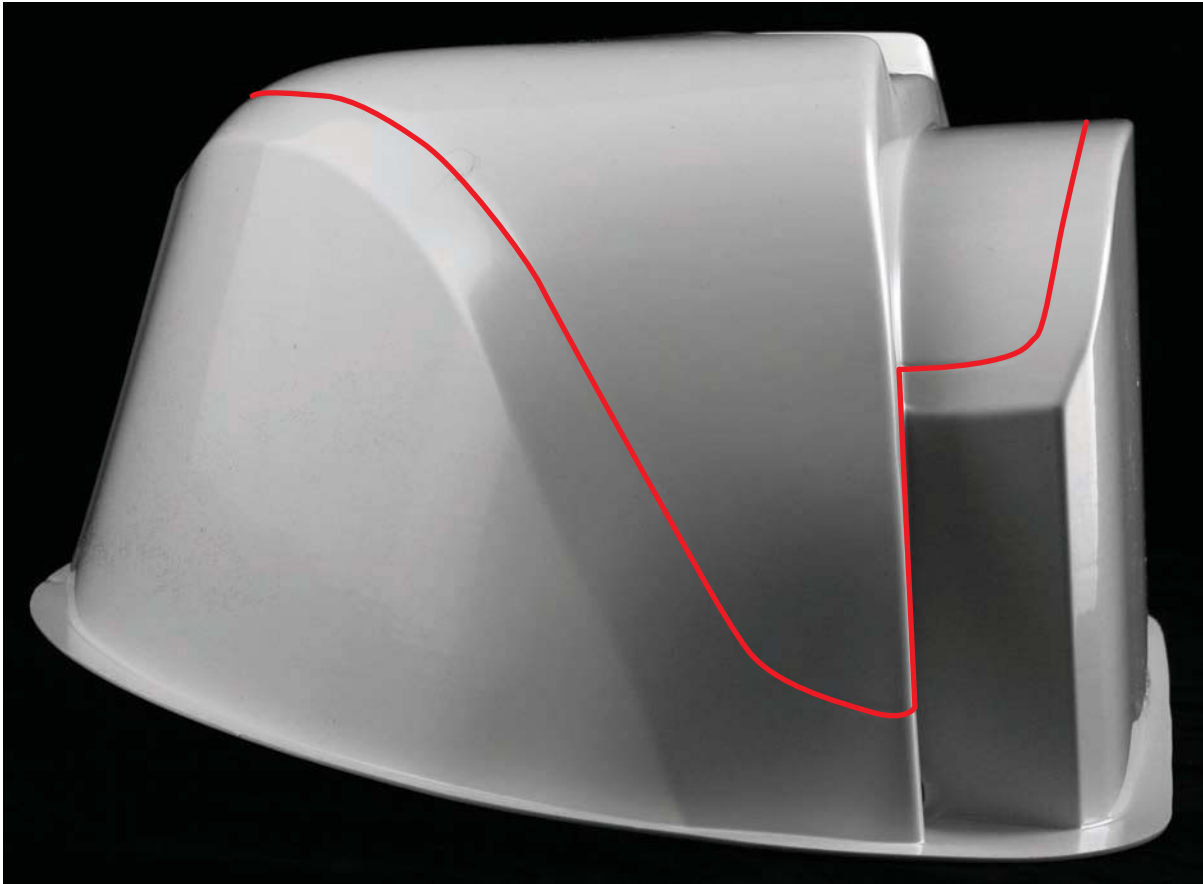
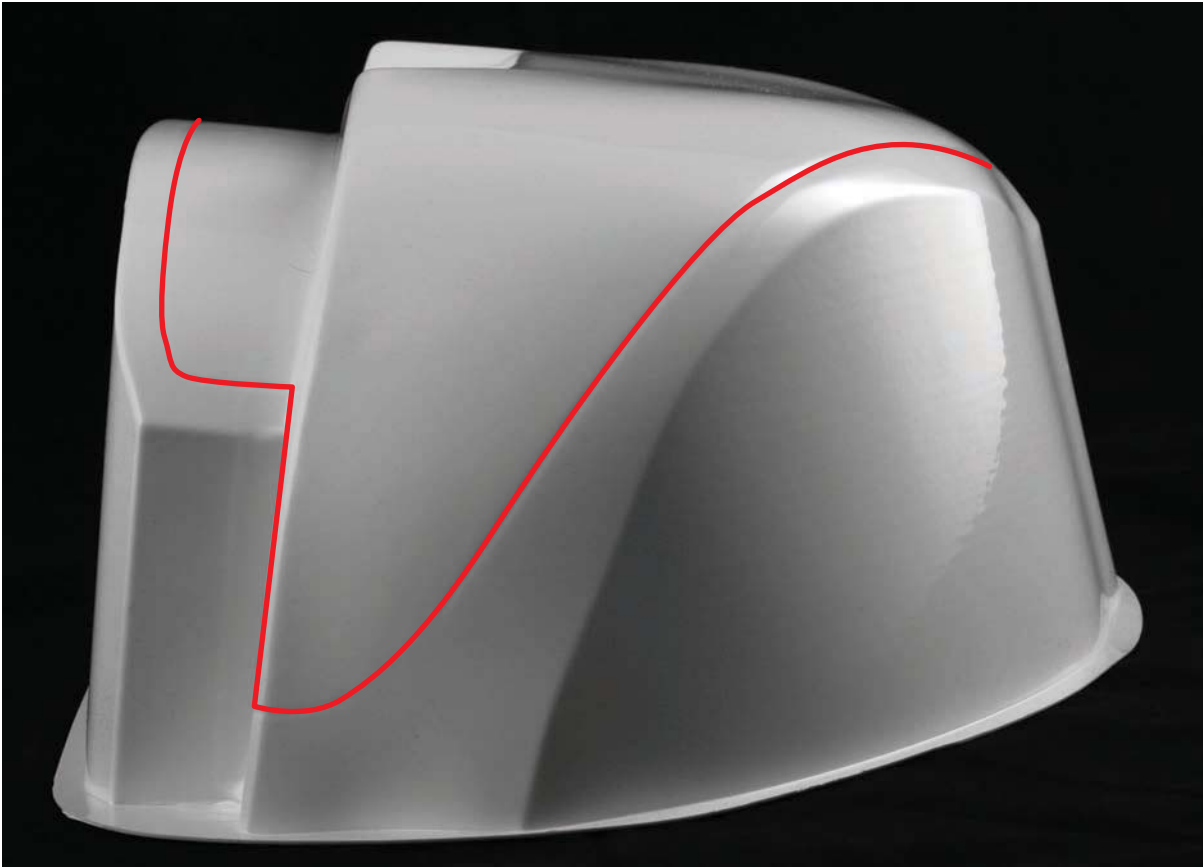
CUT INSTRUCTIONS

PART 12- COD PLATE



CUT INSTRUCTIONS

PART 13- CULET PLATE



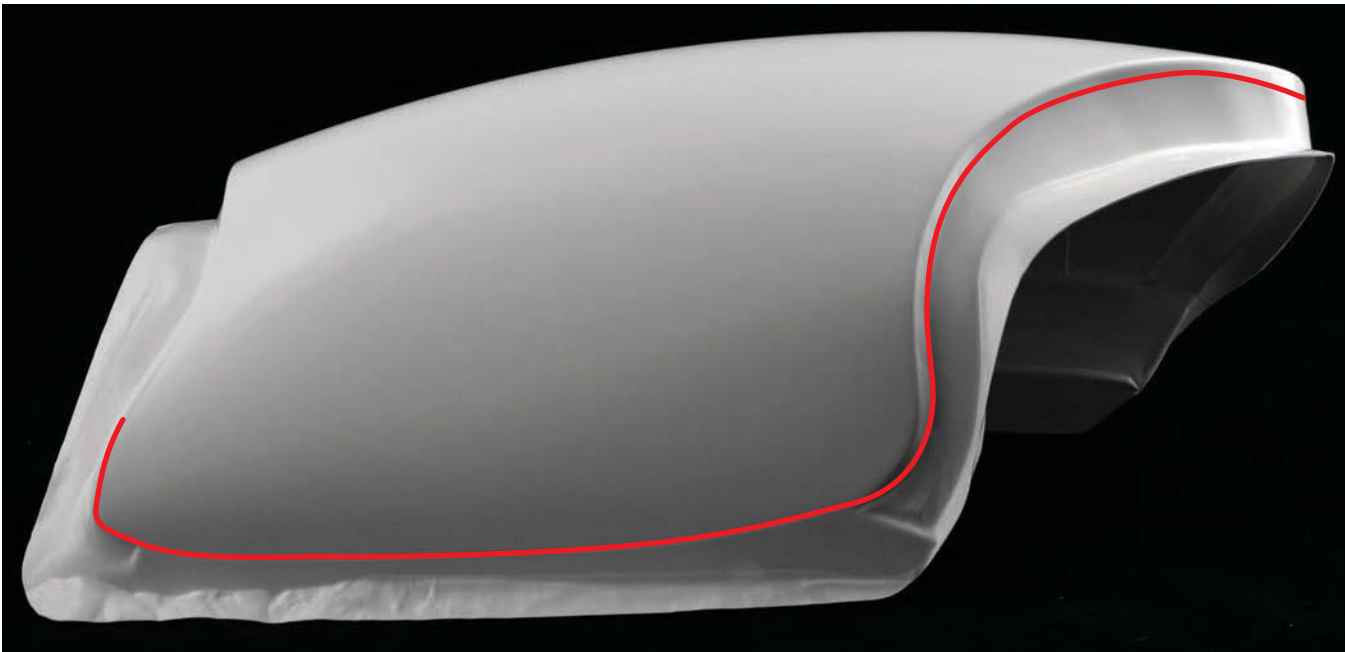
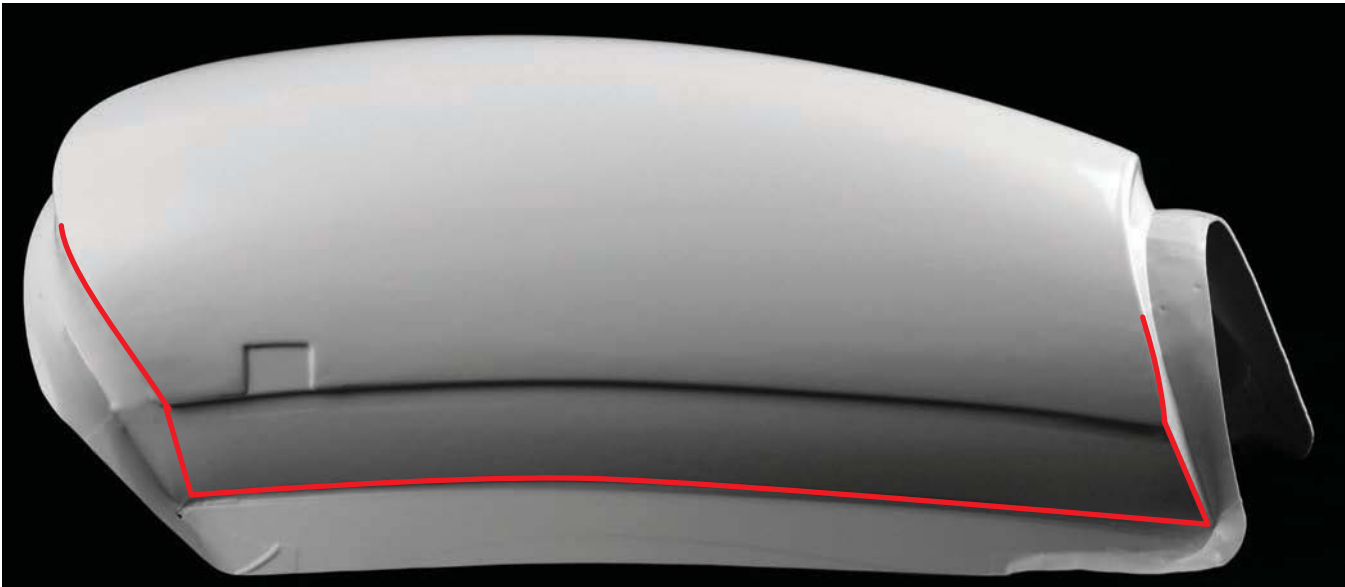
CUT INSTRUCTIONS

PART 13- CULET PLATE



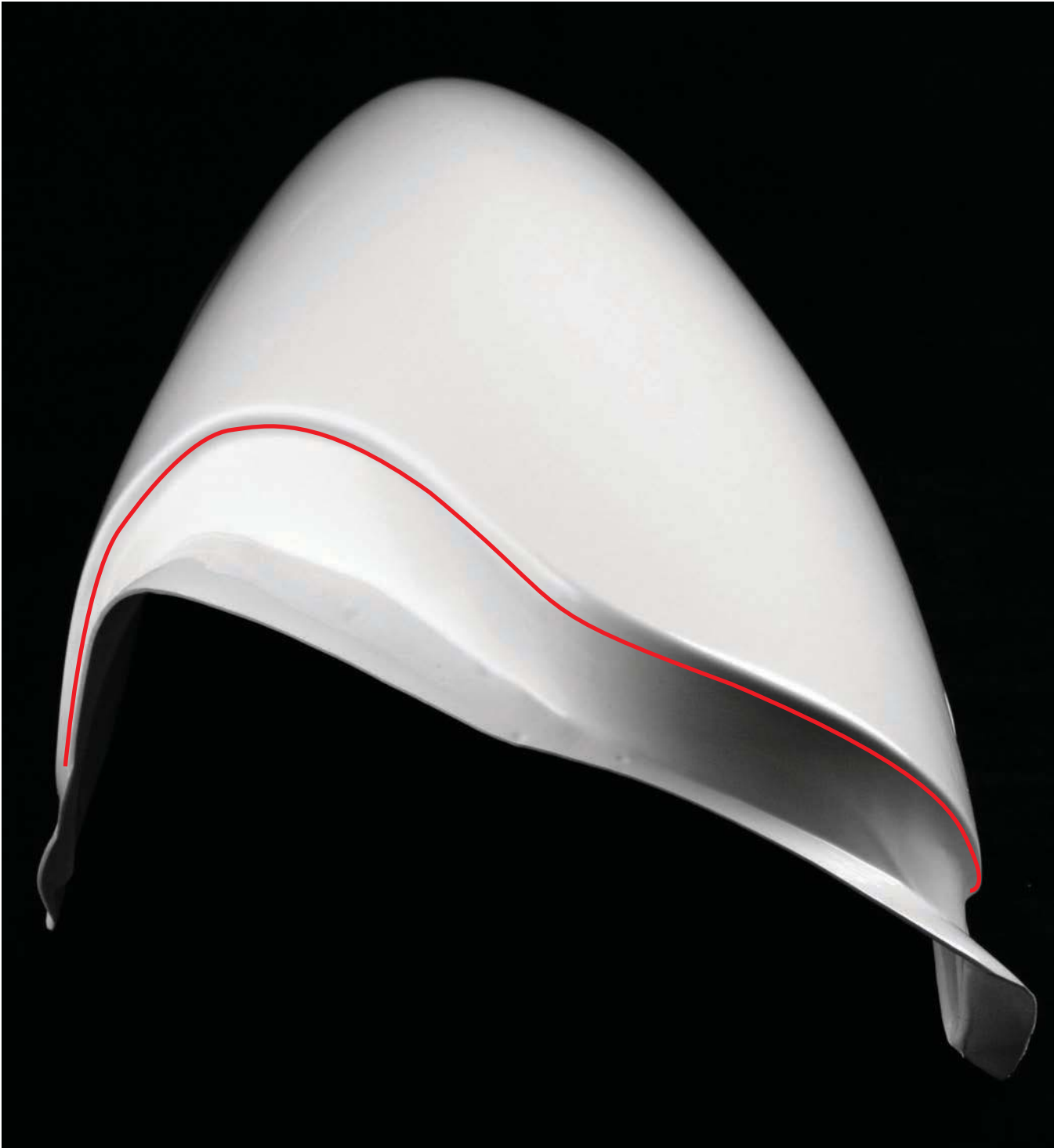
CUT INSTRUCTIONS

PART 14A - 15A - THIGH FRONT - LEFT / RIGHT



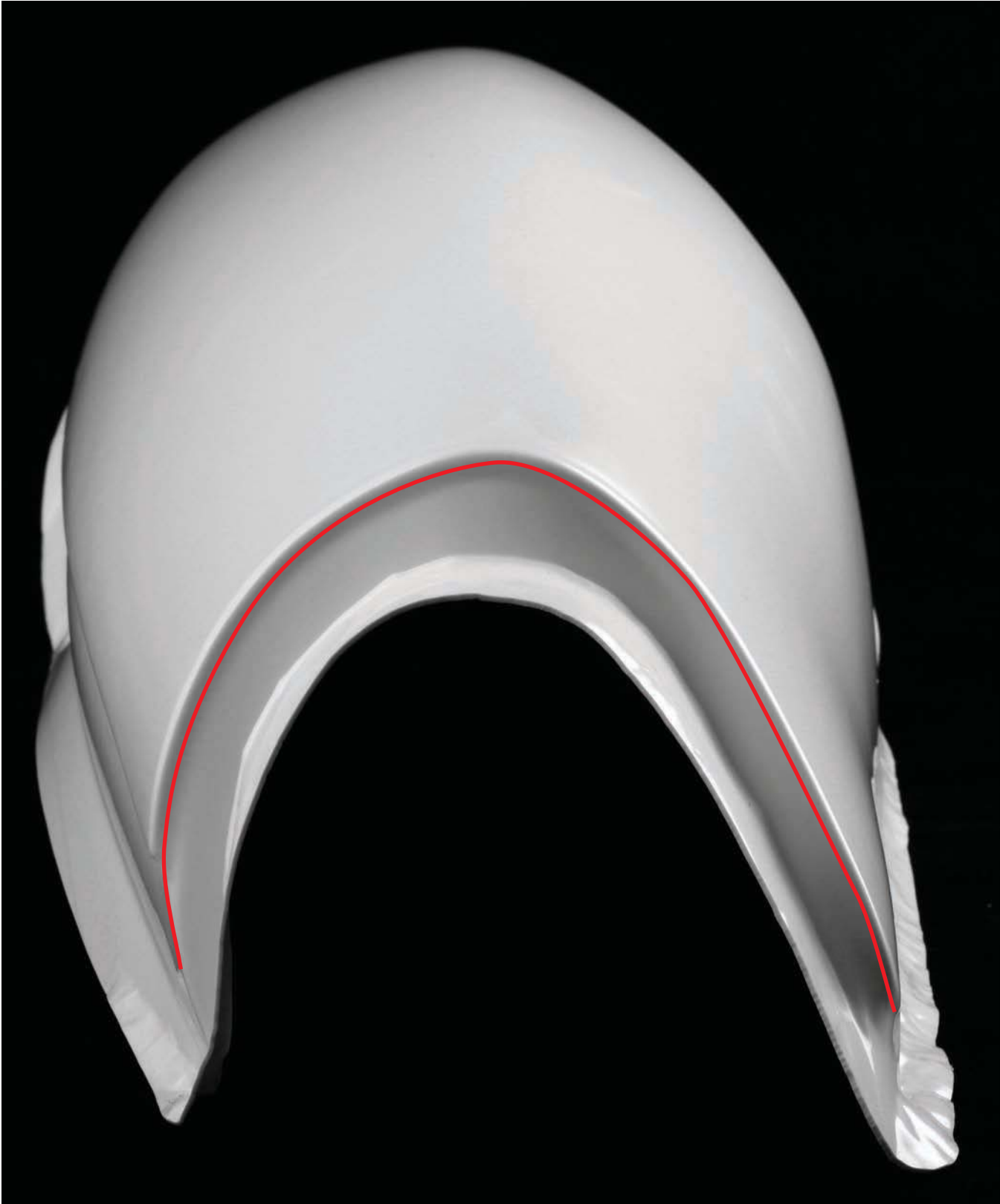
CUT INSTRUCTIONS

PART 14A - 15A - THIGH FRONT - LEFT / RIGHT



CUT INSTRUCTIONS

PART 14A - 15A - THIGH FRONT - LEFT / RIGHT



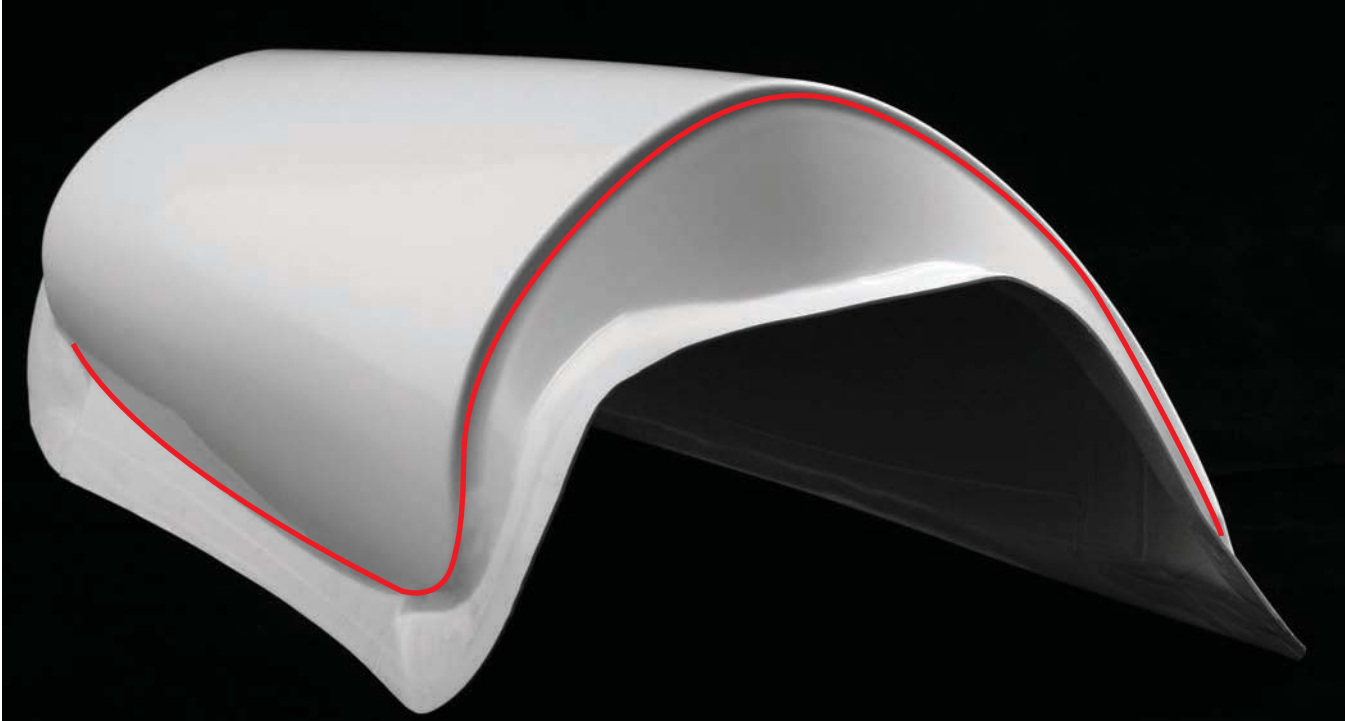
CUT INSTRUCTIONS

PART 14B - 15B - THIGH BACK- LEFT / RIGHT



CUT INSTRUCTIONS

PART 14B - 15B - THIGH BACK- LEFT / RIGHT



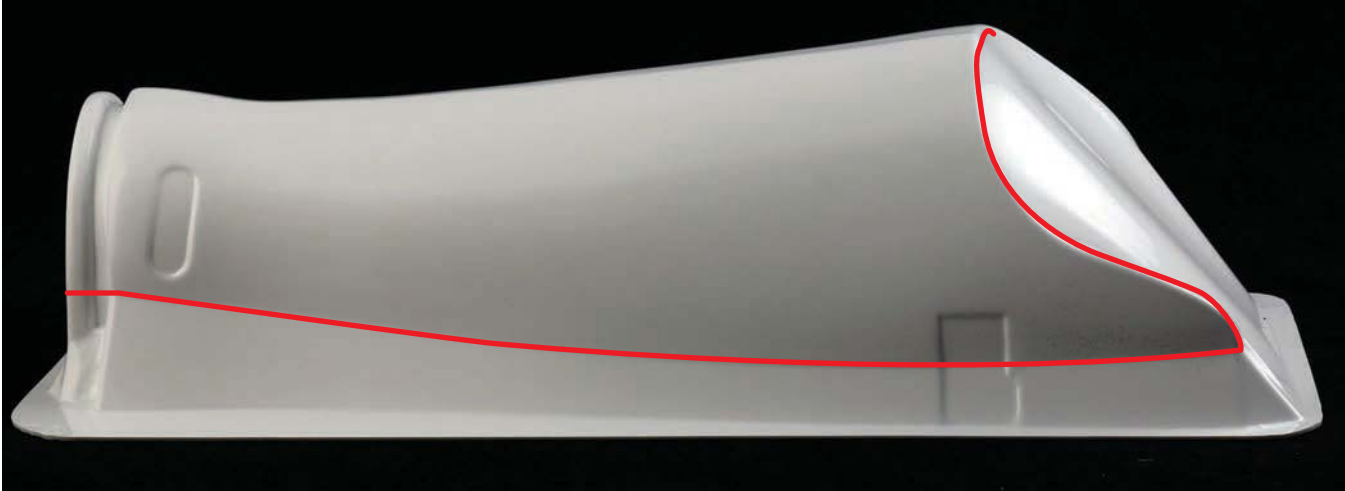
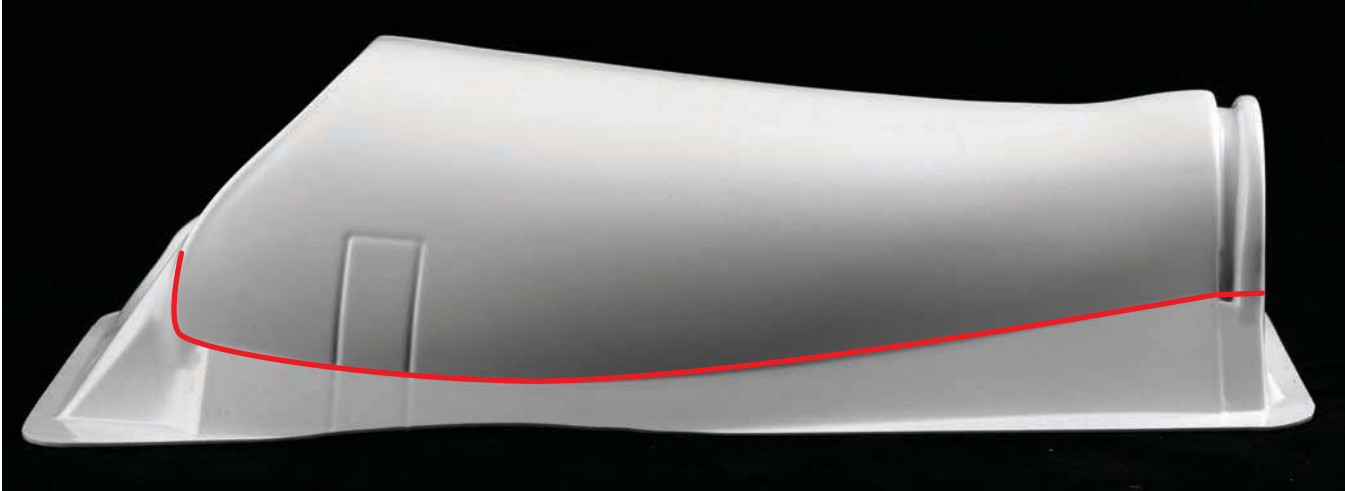
CUT INSTRUCTIONS

PART 16A - 16B - KNEE - LEFT / RIGHT



CUT INSTRUCTIONS

PART 17A - 18A - SHIN - LEFT / RIGHT



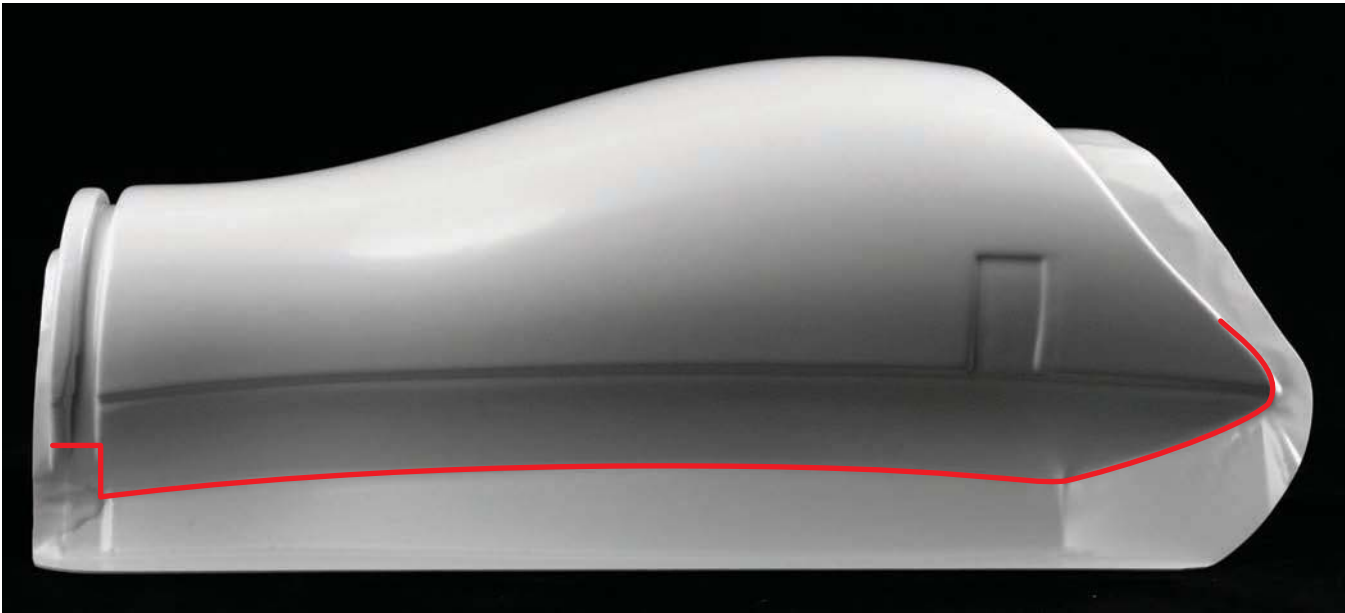
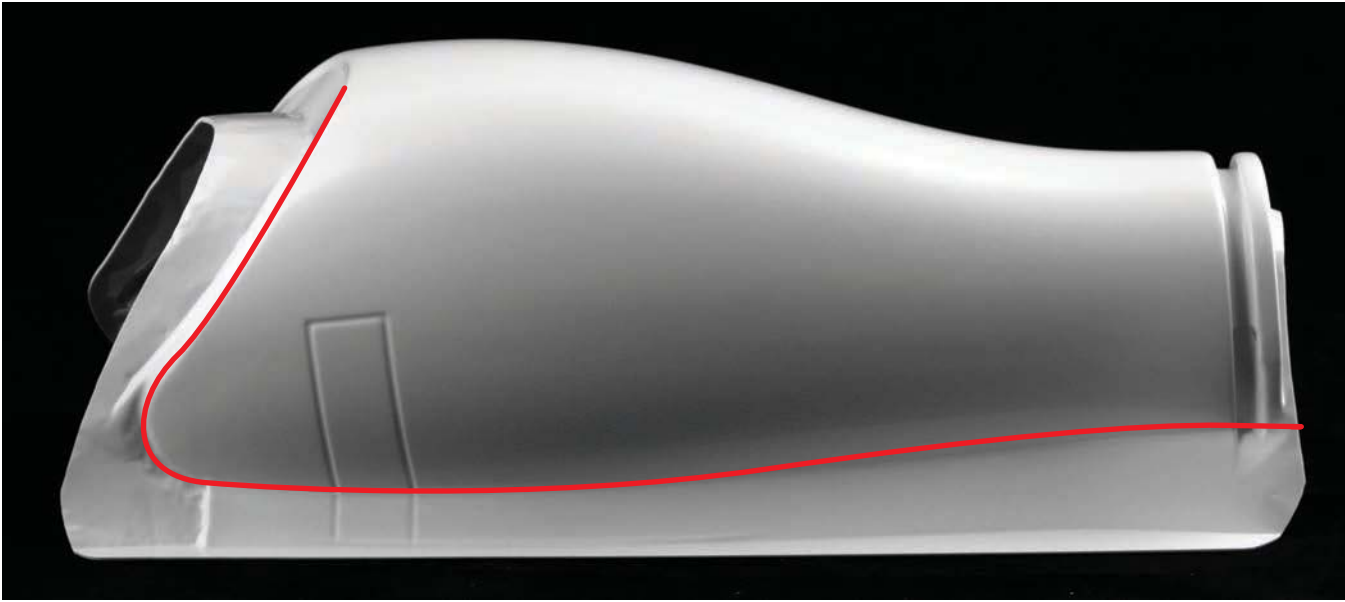
CUT INSTRUCTIONS

PART 17A - 18A - SHIN - LEFT / RIGHT



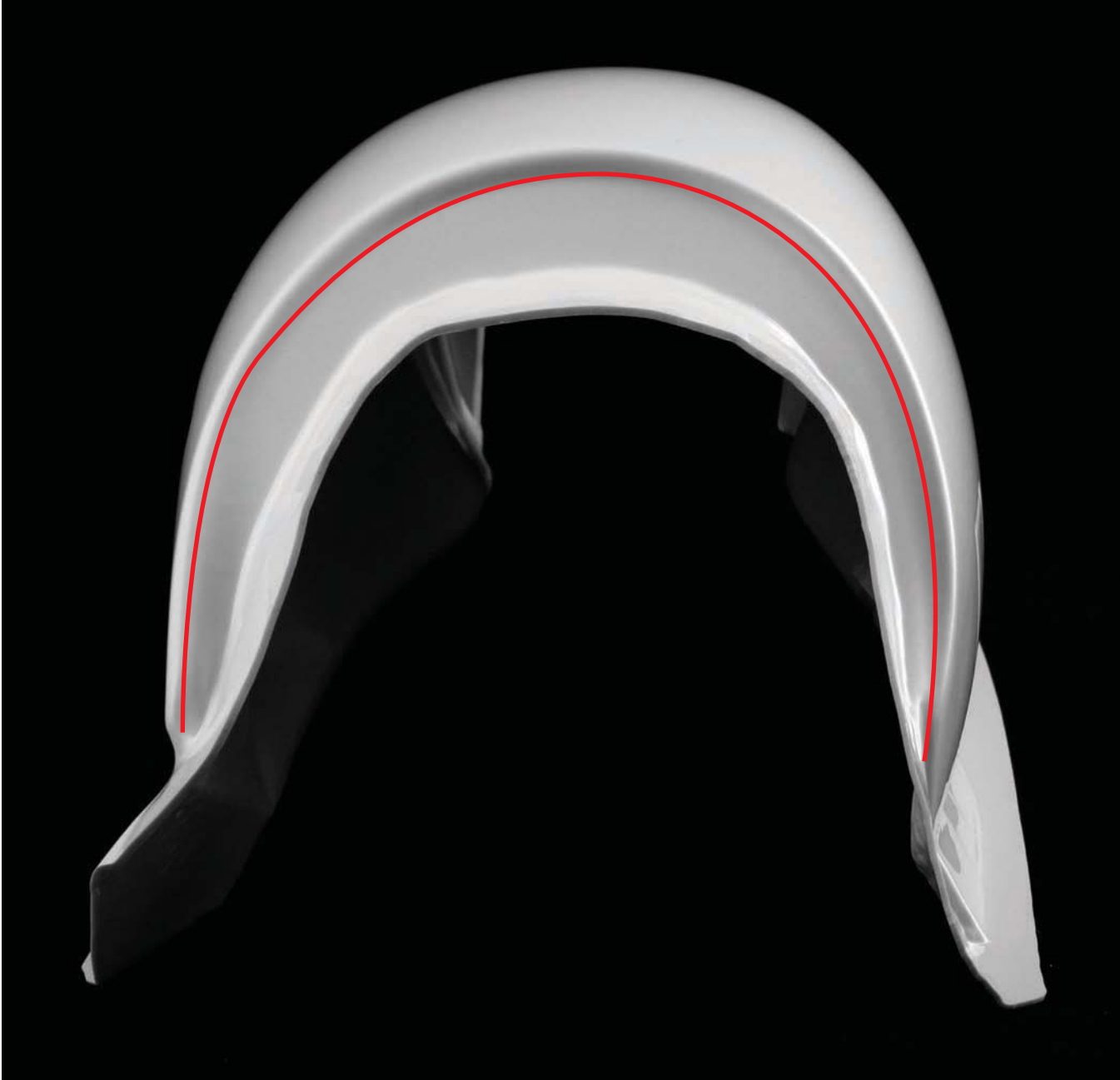
CUT INSTRUCTIONS

PART 17B - 18B - CALF - LEFT / RIGHT



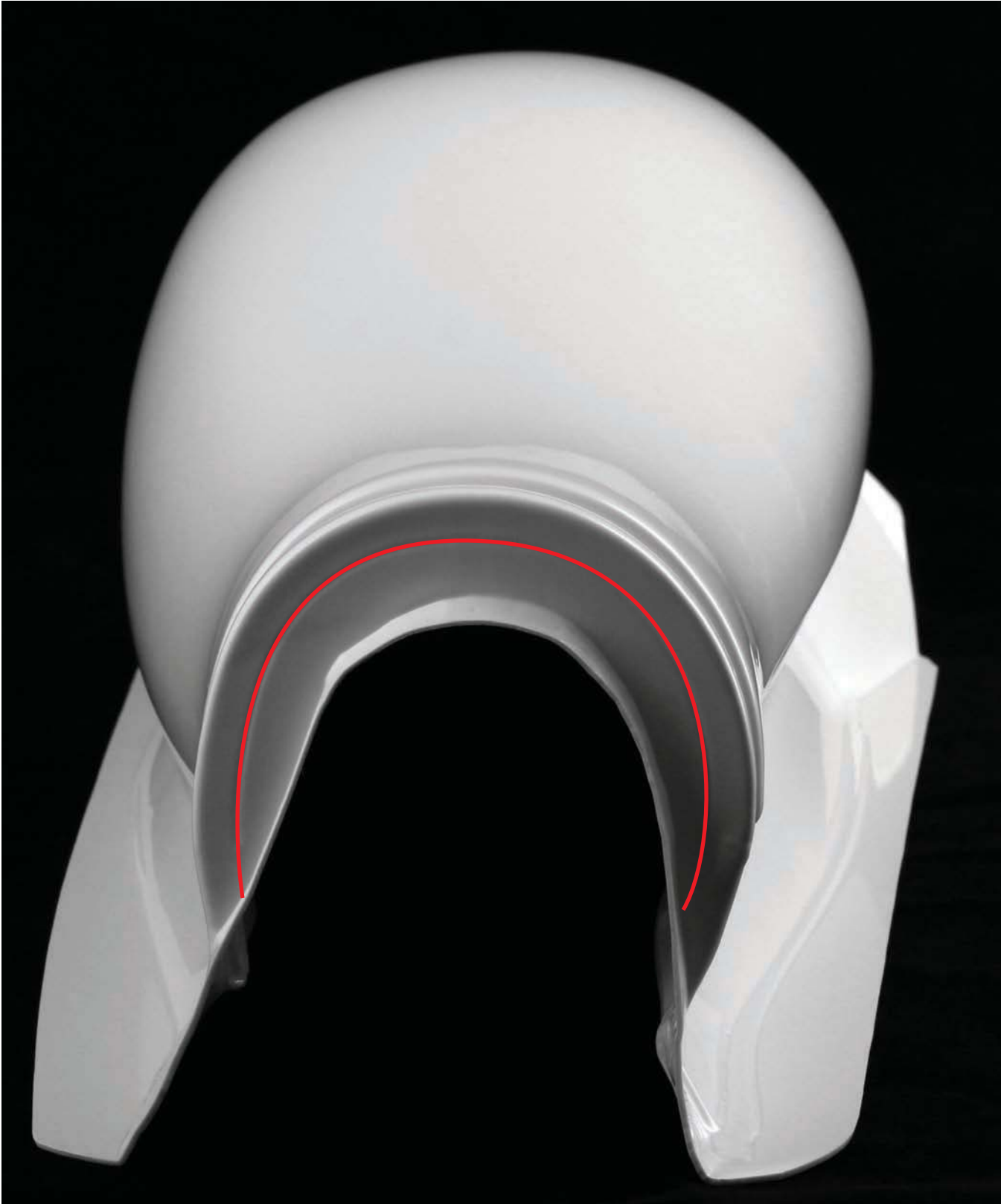
CUT INSTRUCTIONS

PART 17B - 18B - CALF - LEFT / RIGHT



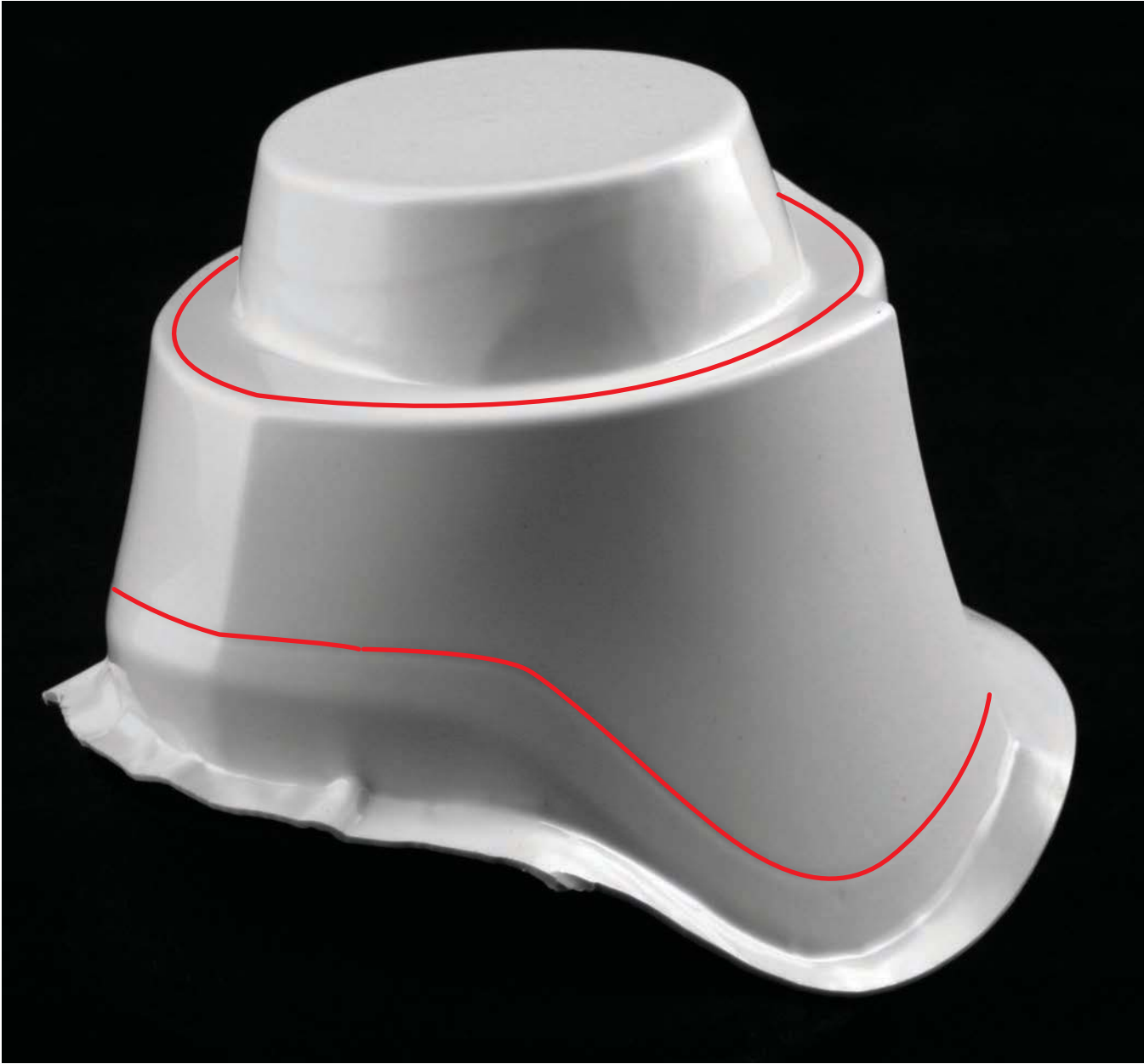
CUT INSTRUCTIONS

PART 17B - 18B - CALF - LEFT / RIGHT



CUT INSTRUCTIONS

PART 19A - 20A - SPAT - LEFT / RIGHT



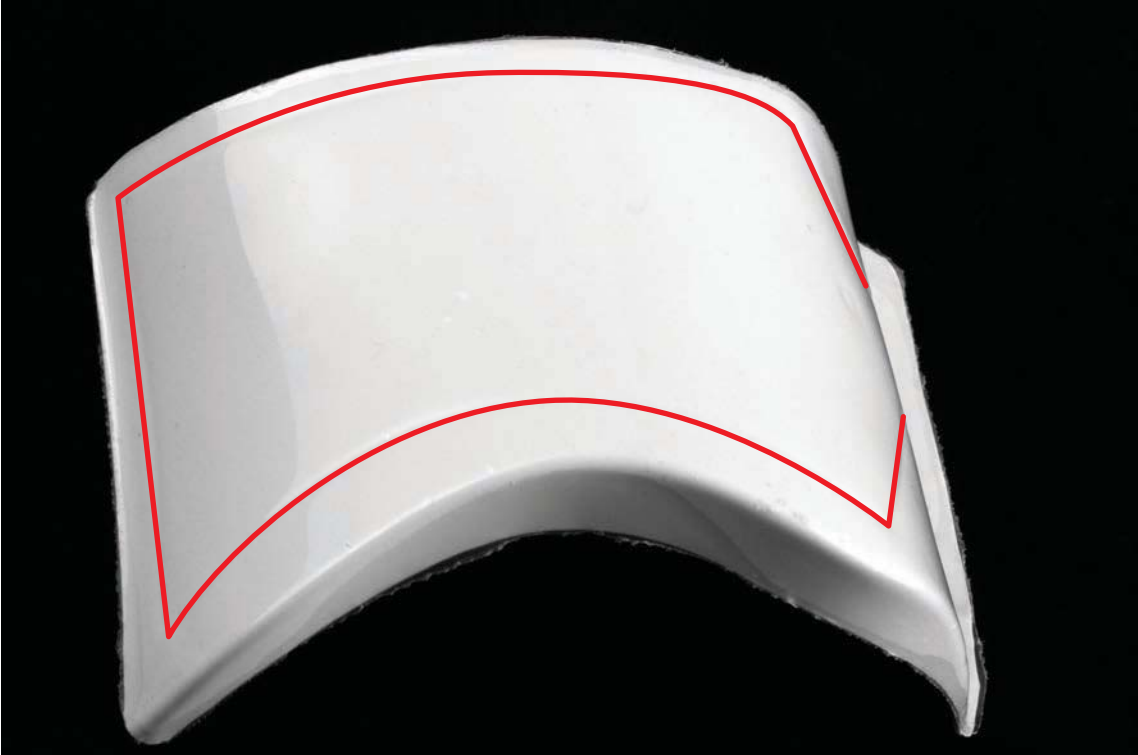
CUT INSTRUCTIONS

PART 19A - 20A - SPAT - LEFT / RIGHT



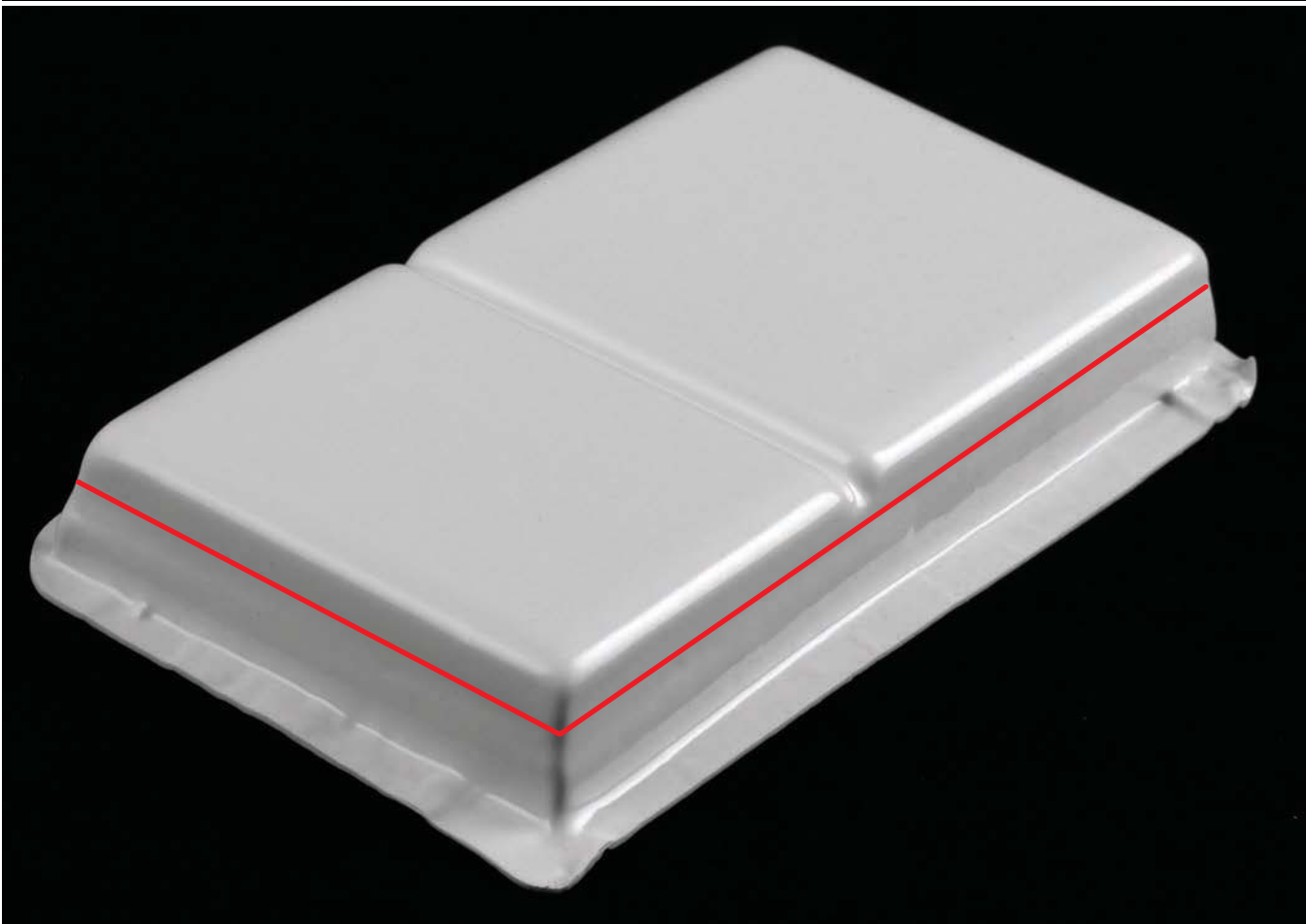
CUT INSTRUCTIONS

PART 19B - 20B - SPAT BACK - LEFT / RIGHT

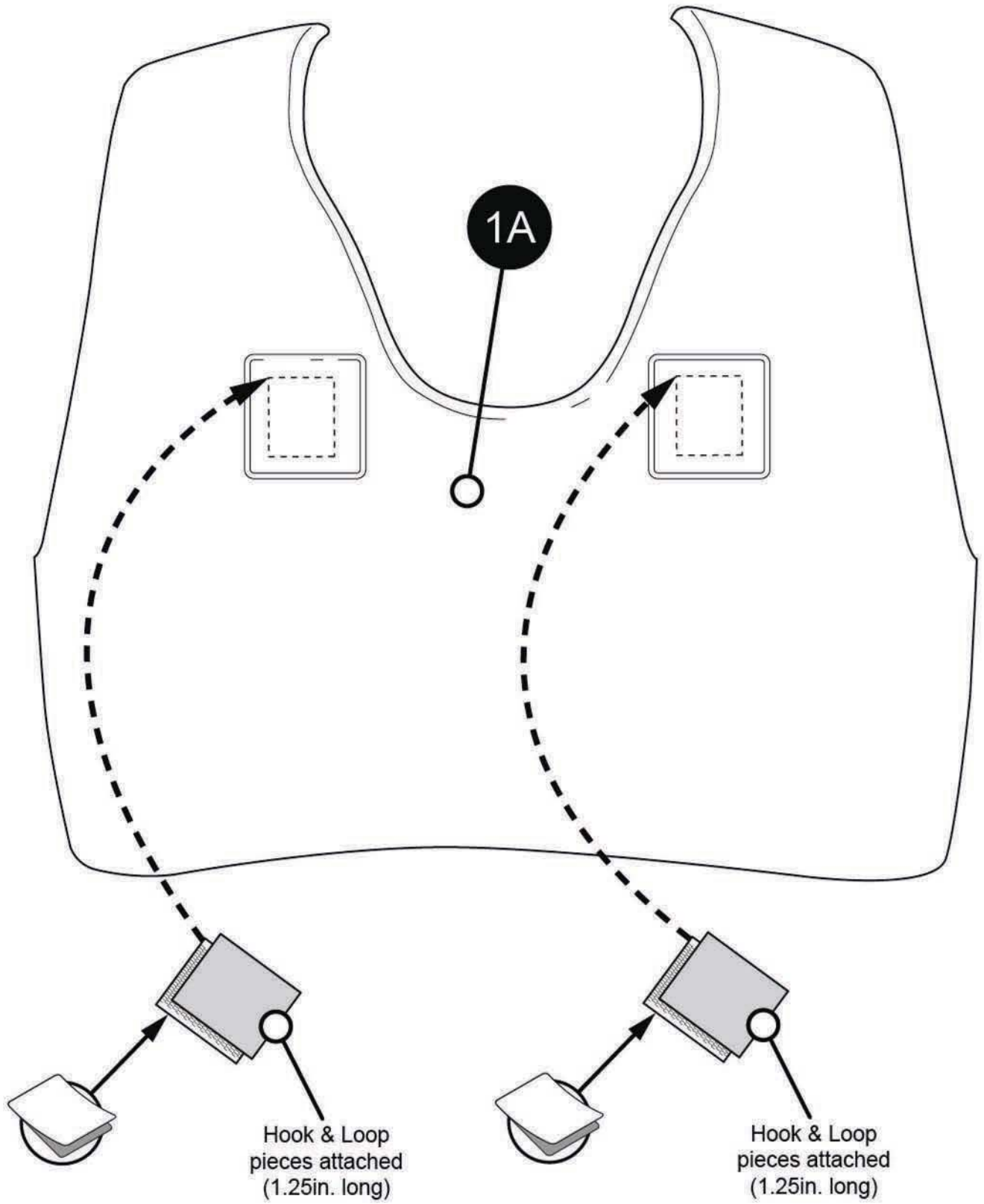


CUT INSTRUCTIONS

PART 38A - TALL FABRIC POUCH COVER

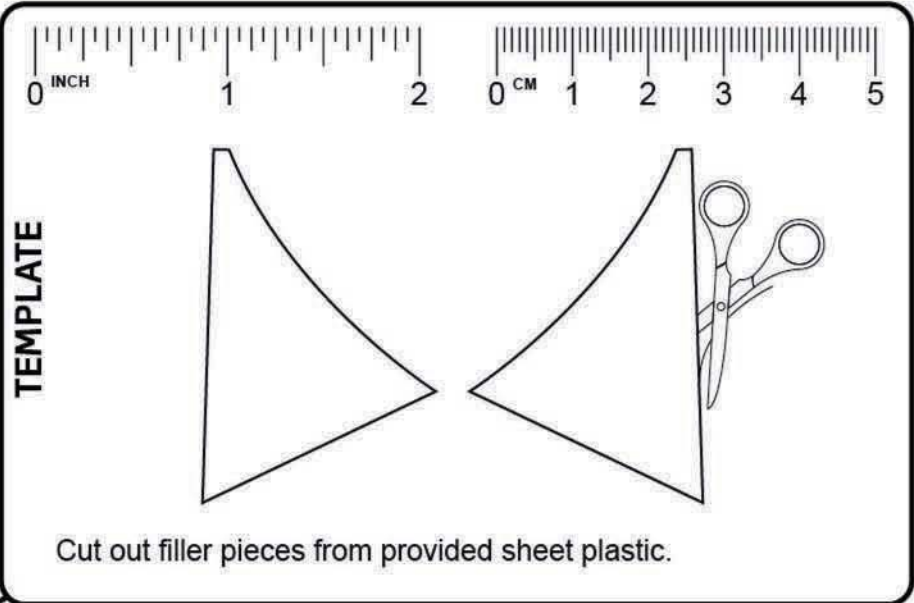


01 ASSEMBLY



02 ASSEMBLY

*Edges on this section may need some final cleanup.

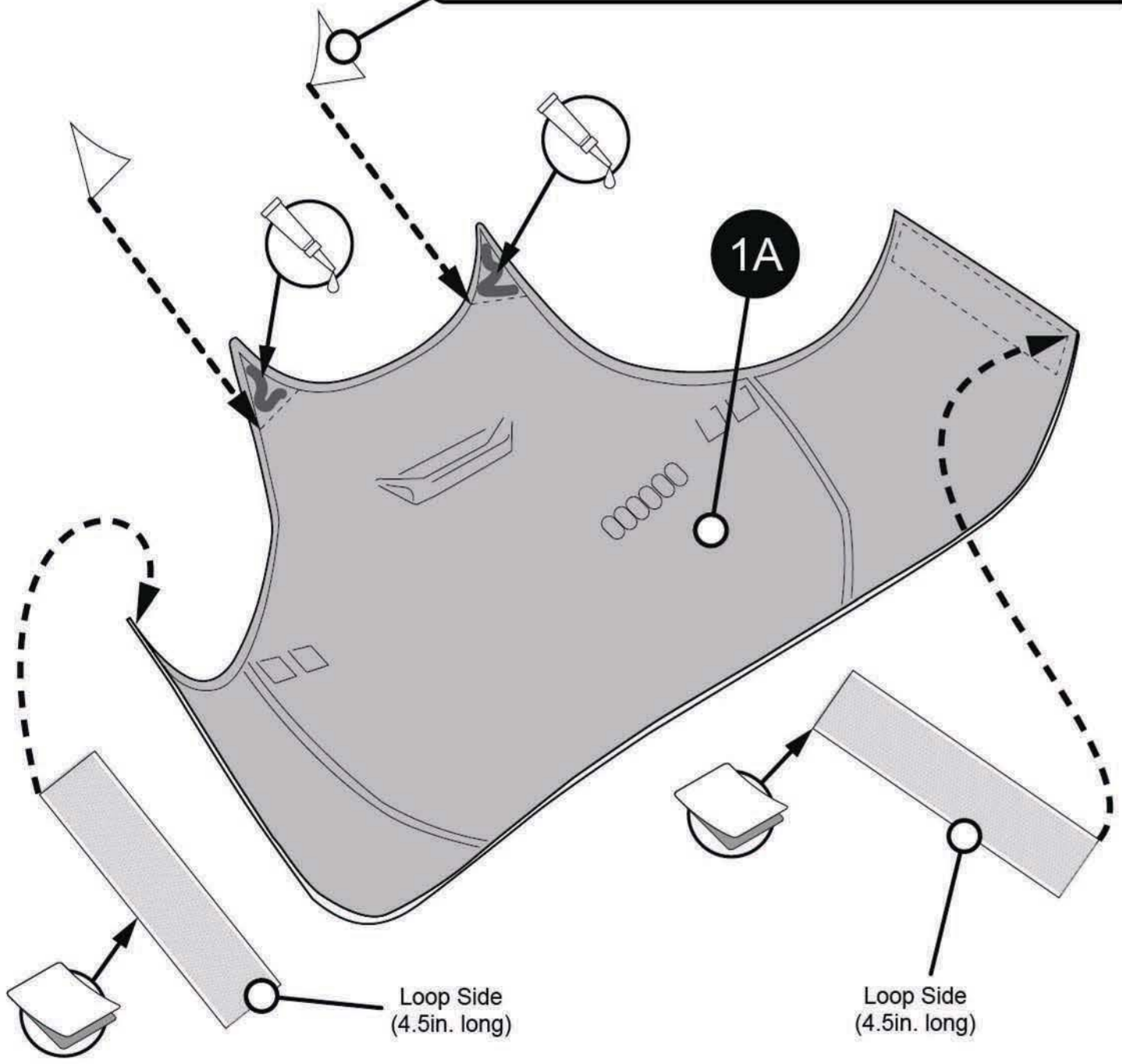


0 INCH 1 2 0 CM 1 2 3 4 5

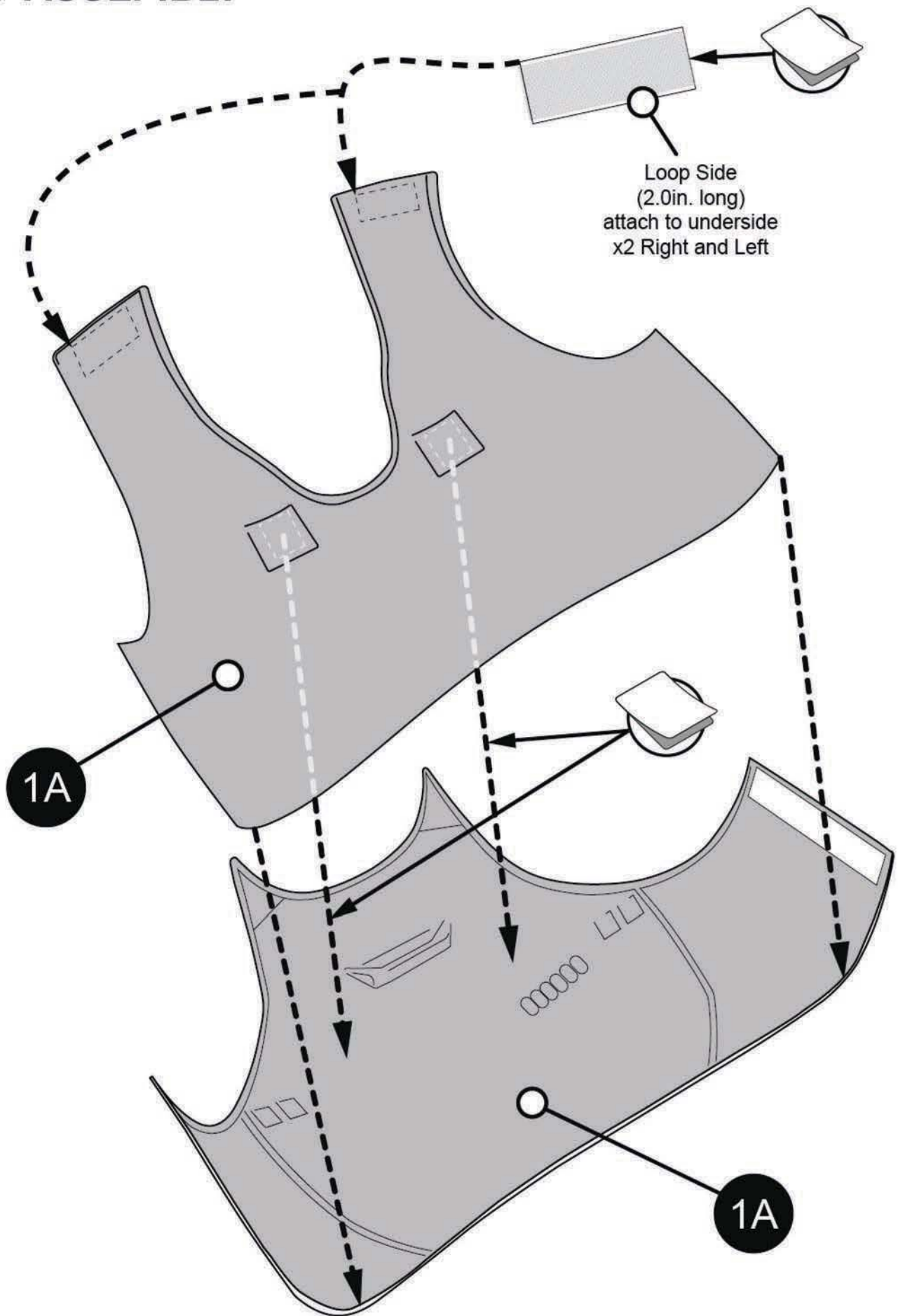
TEMPLATE

Cut out filler pieces from provided sheet plastic.

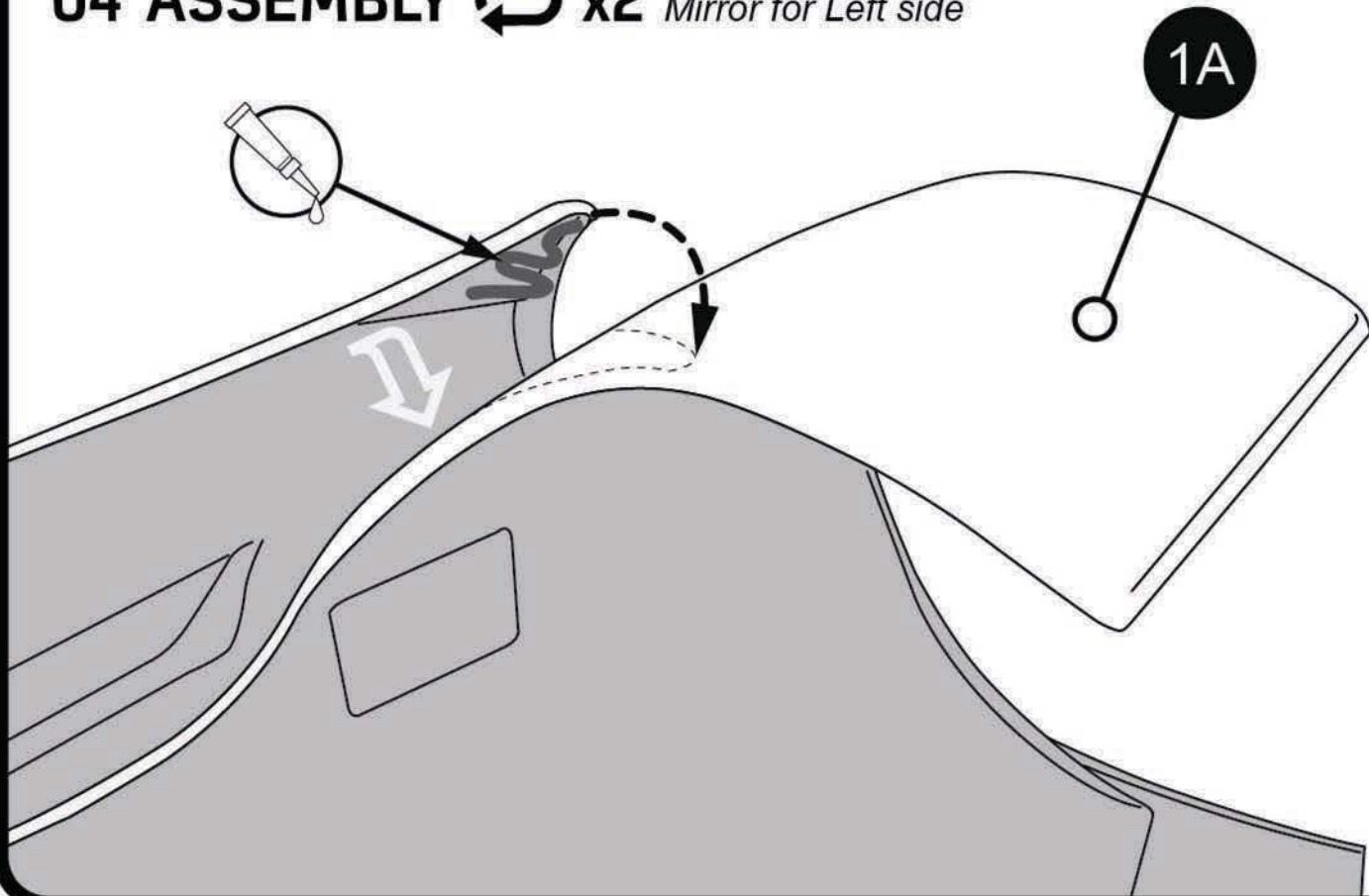
The diagram shows a ruler with inch and centimeter scales. Below it is a template for two triangular filler pieces. A pair of scissors is shown cutting along the right edge of the right-hand triangle.



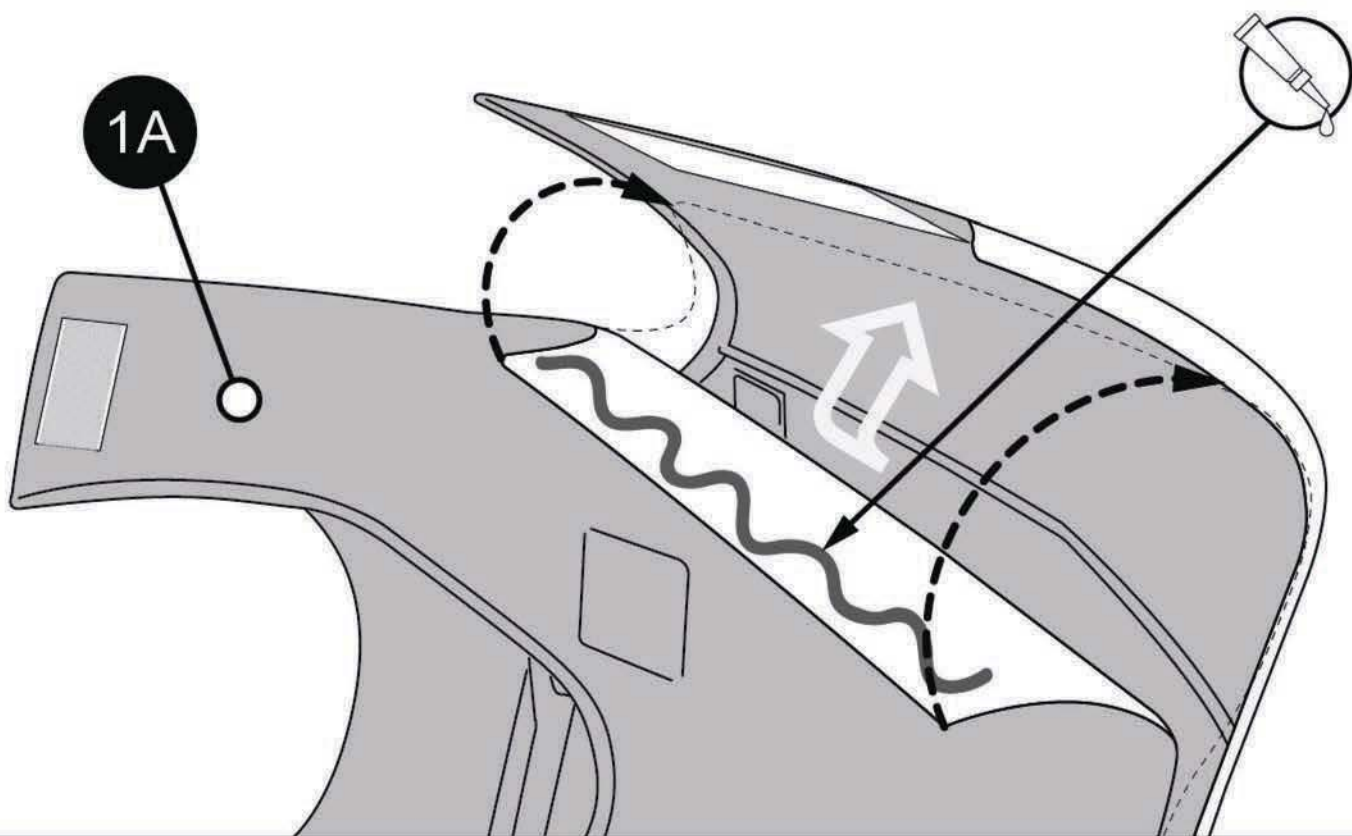
03 ASSEMBLY



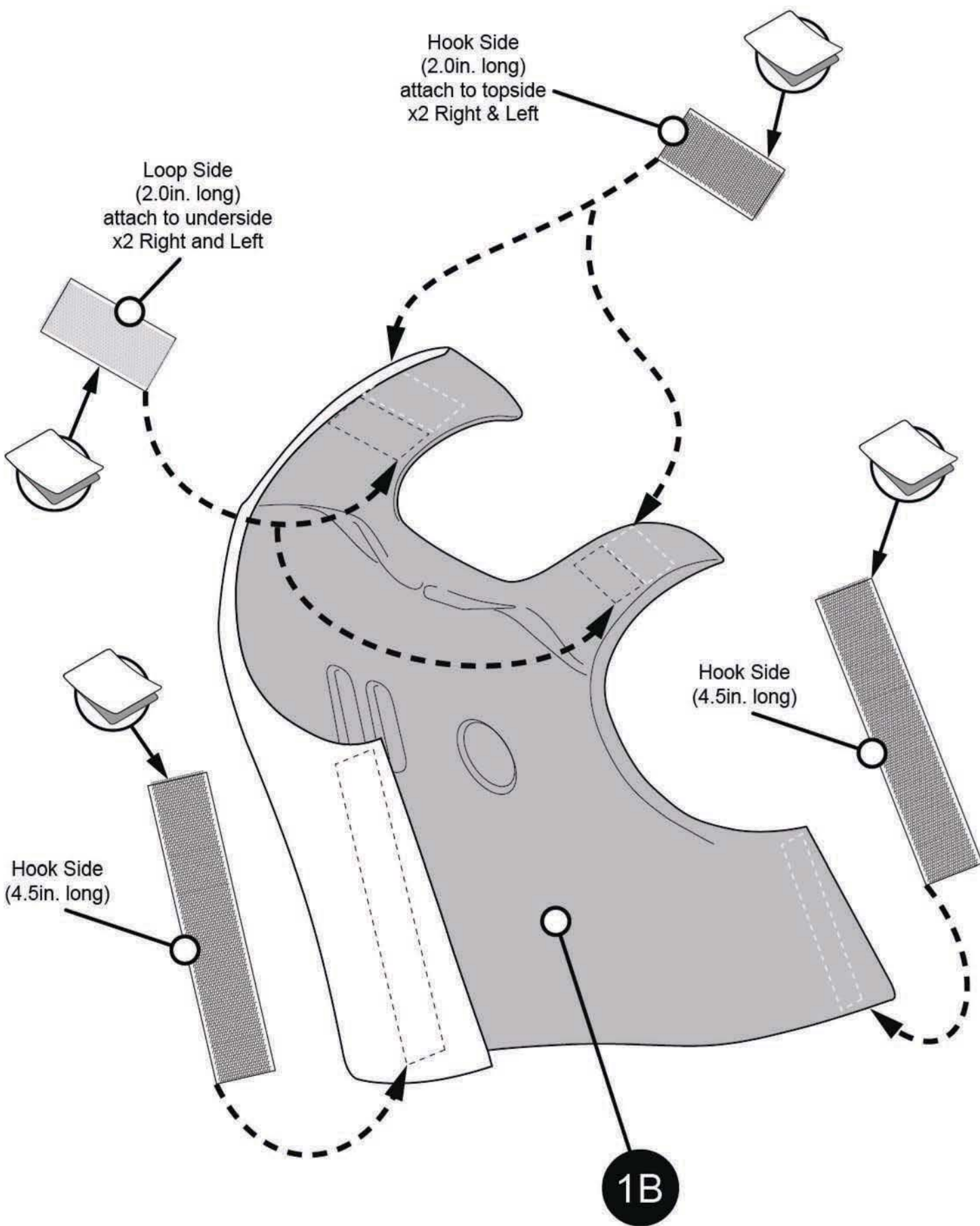
04 ASSEMBLY ↻ x2 *Mirror for Left side*



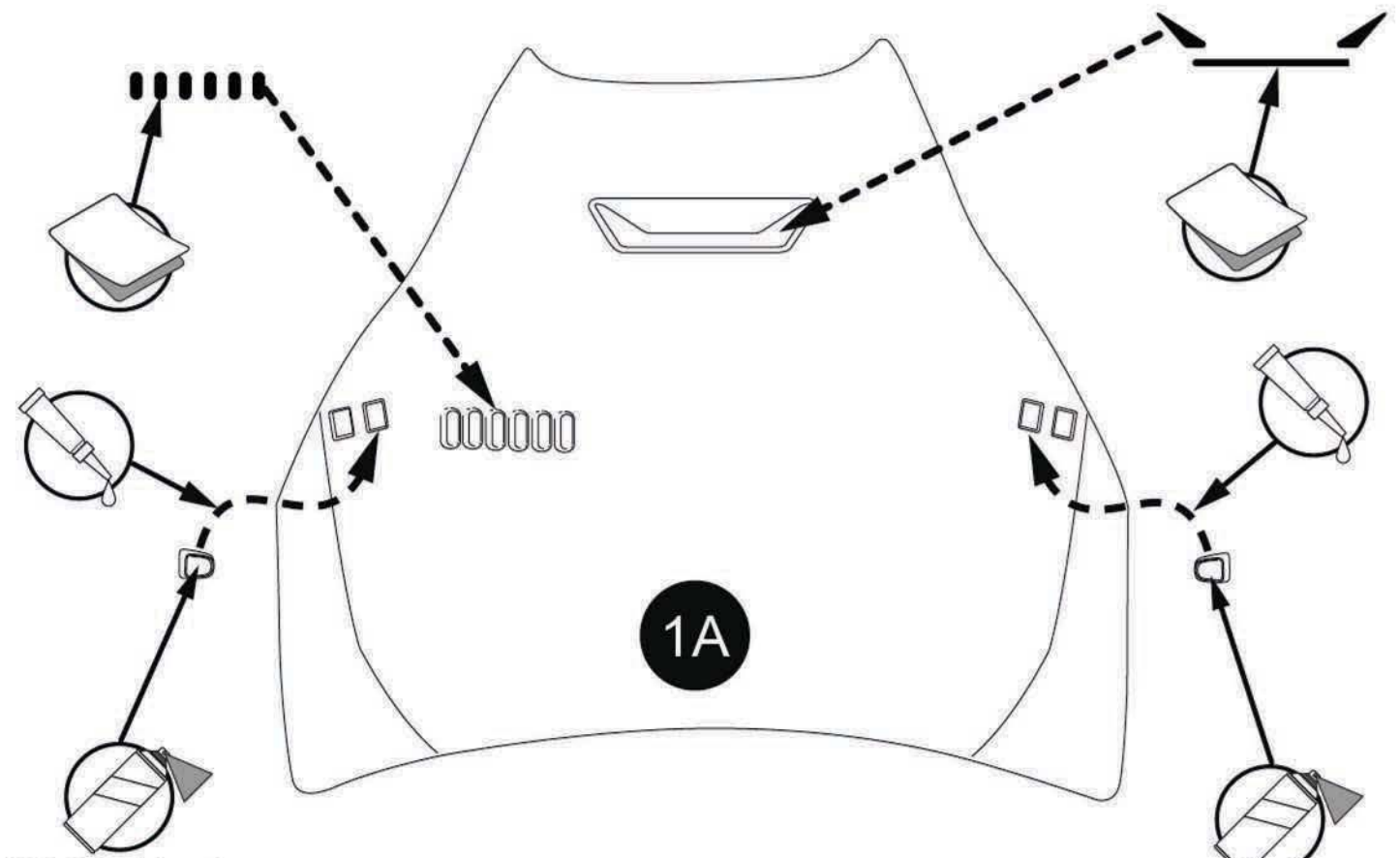
05 ASSEMBLY ↻ x2 *Mirror for Left side*



06 ASSEMBLY

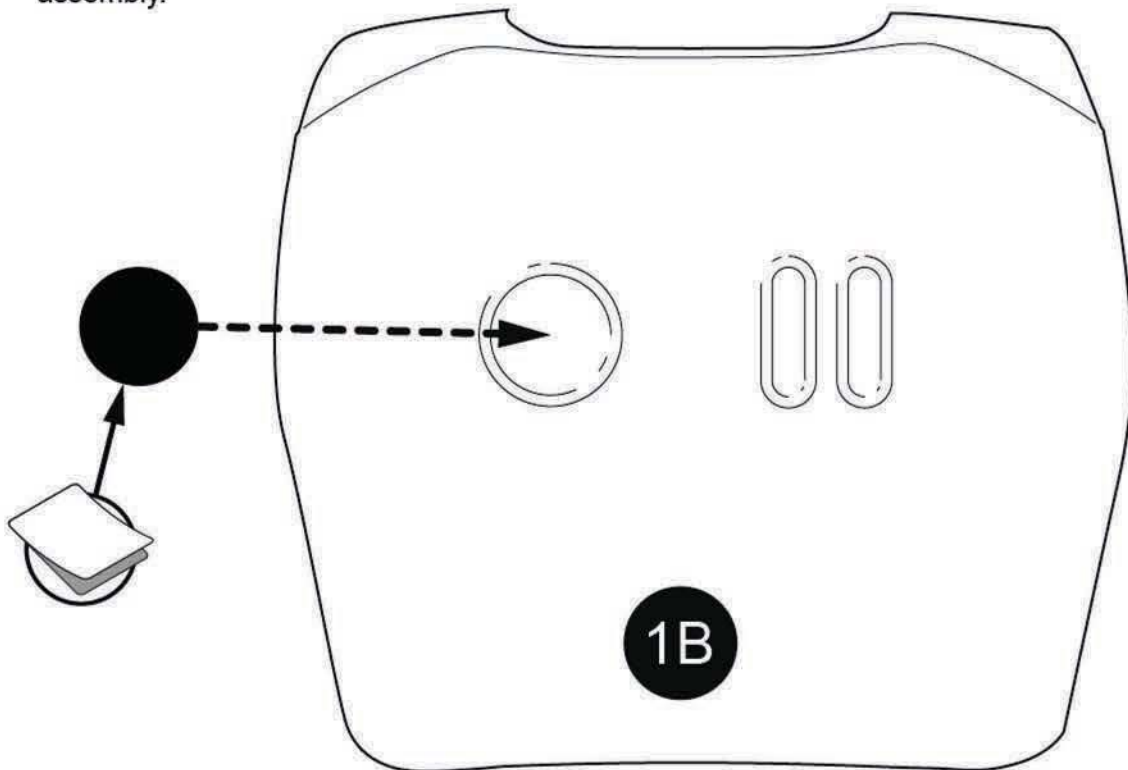


DECAL PLACEMENT

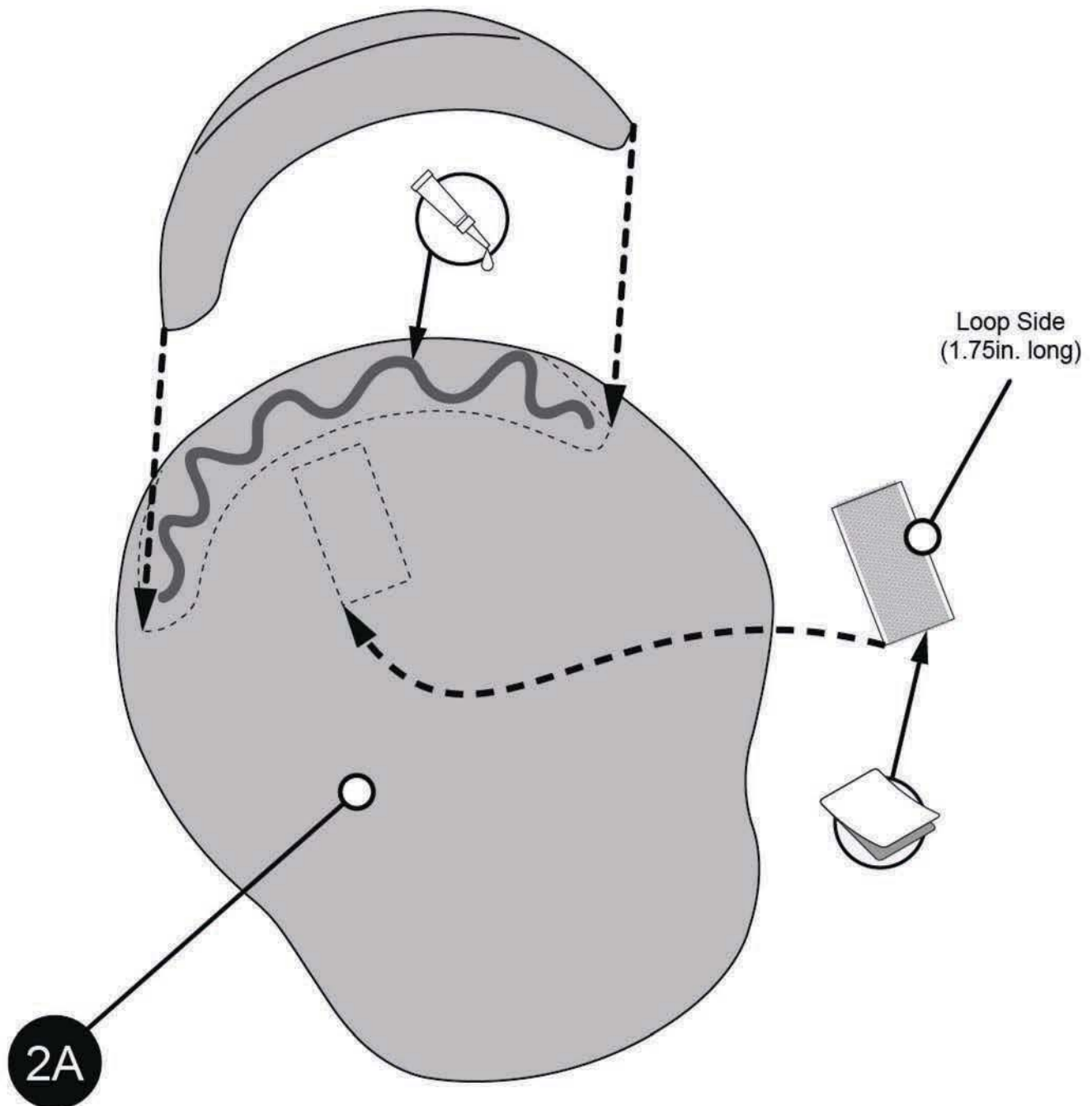


NOTE: Paint resin pieces before assembly.

NOTE: Paint resin pieces before assembly.



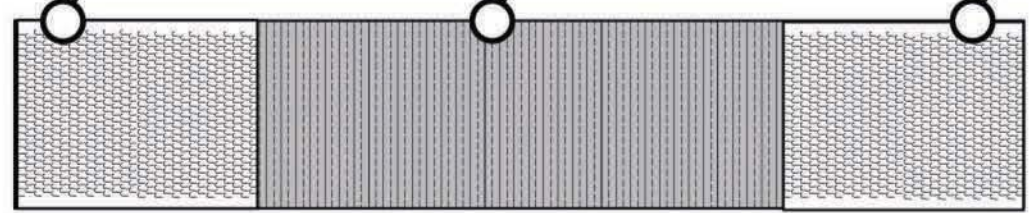
07 ASSEMBLY x2 Repeat assembly for 2B



Hook Side*
(1.25in. long)

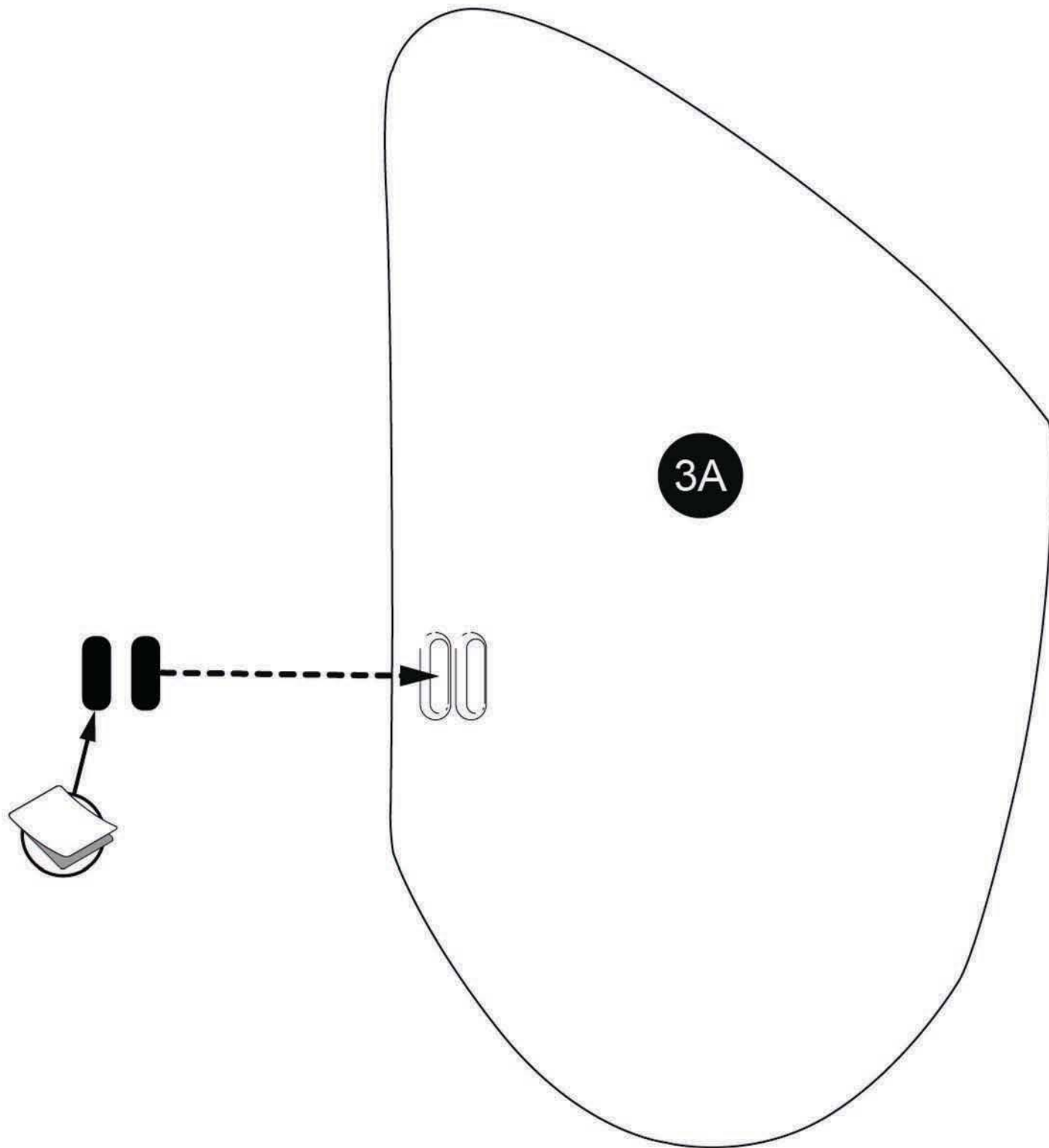
Black Webbing
(5.25in. long)

Hook Side*
(1.25in. long)

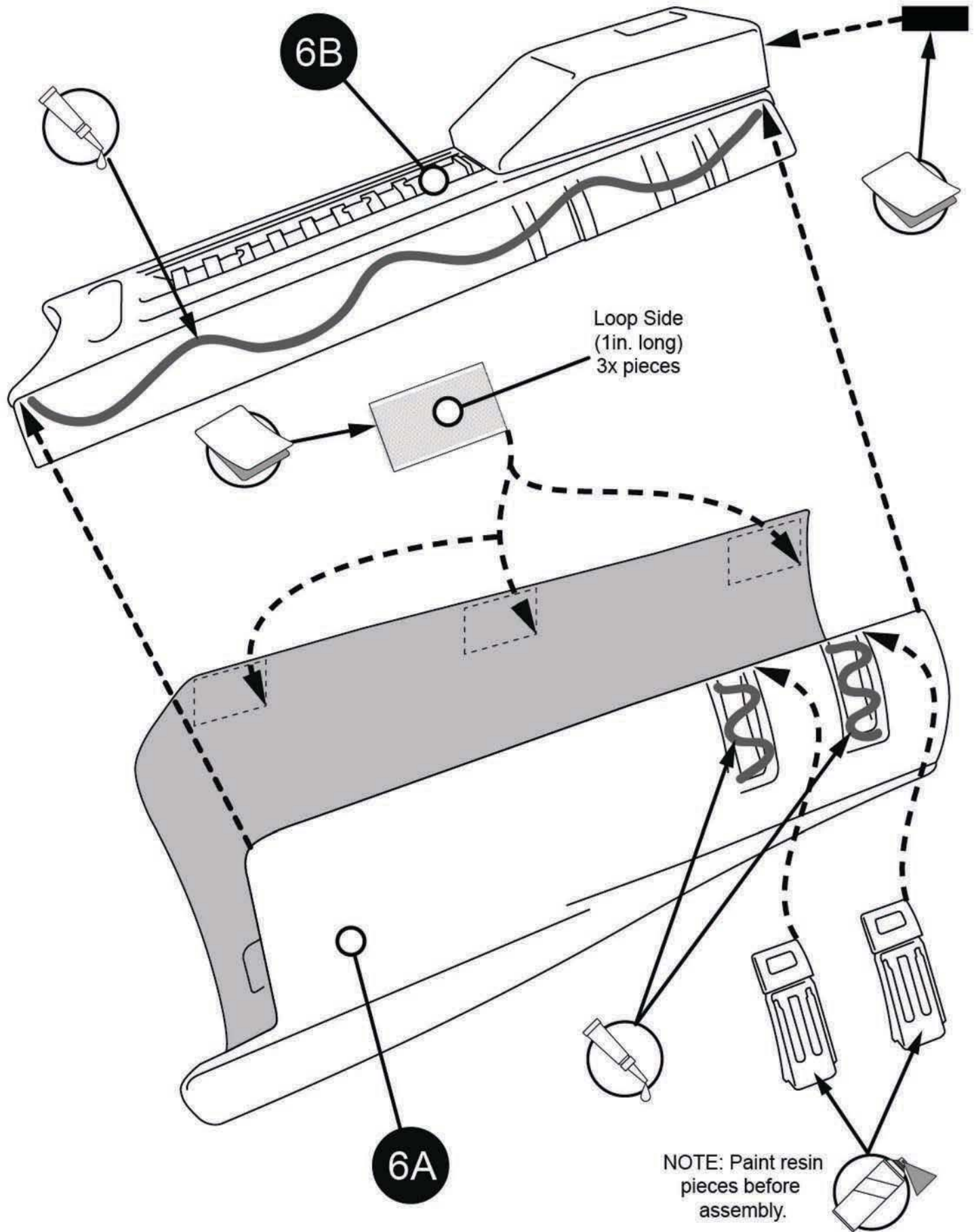



*Stitch the hook side to the webbing.

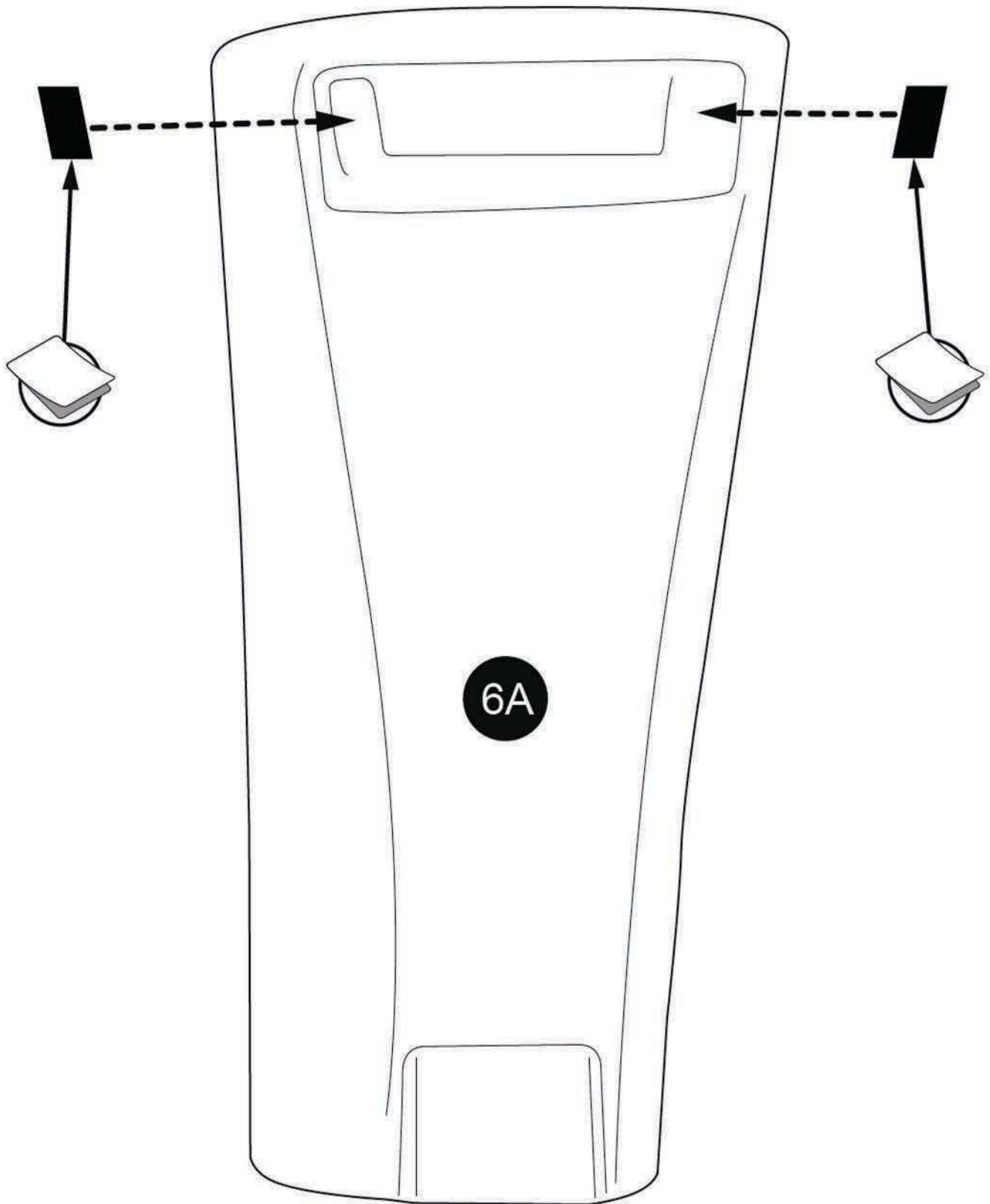
DECAL PLACEMENT x2 *Mirror for 4A*



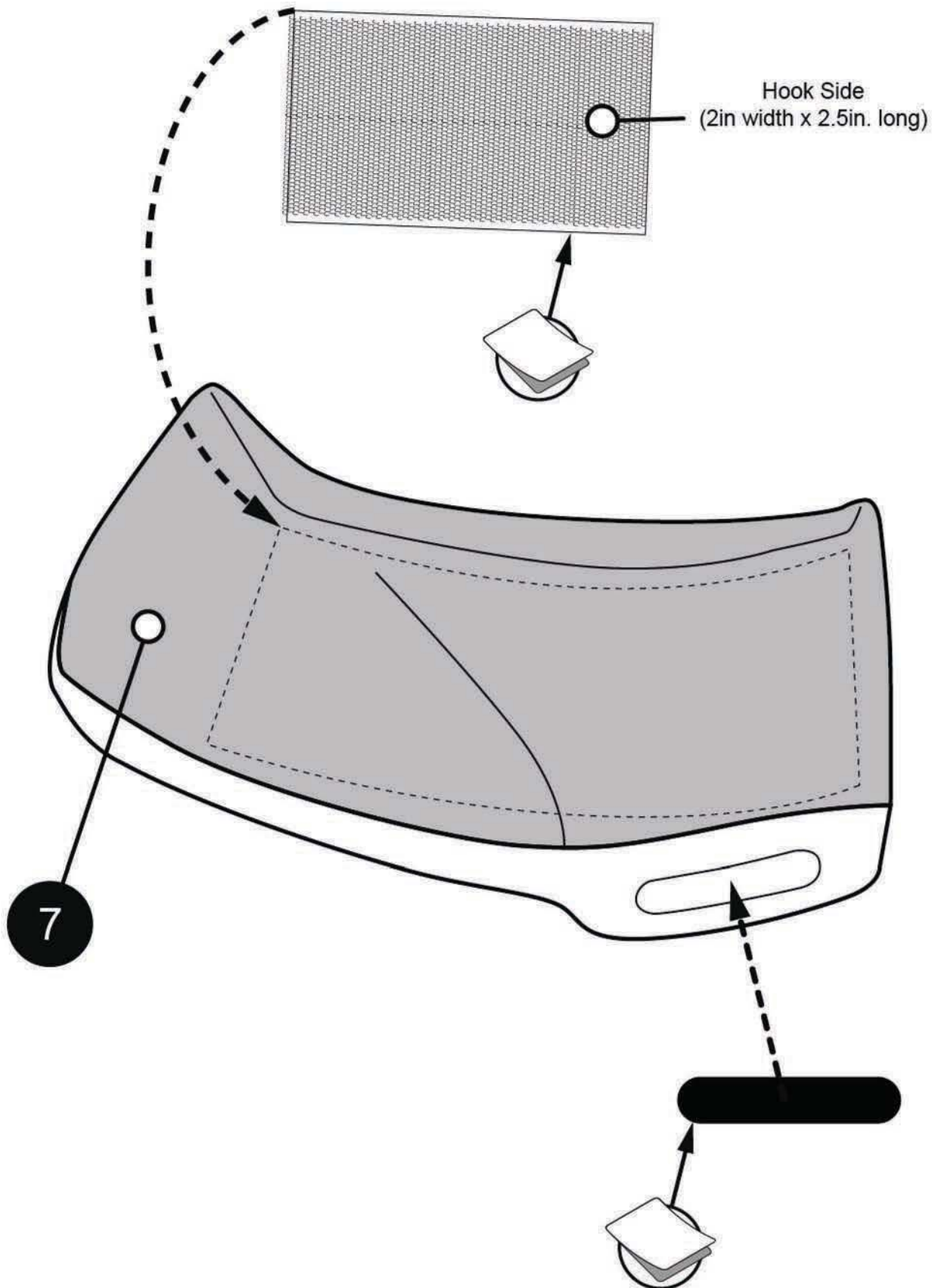
10 ASSEMBLY x2 *Mirror for 5A*



DECAL PLACEMENT  **x2** *Mirror for 6B*



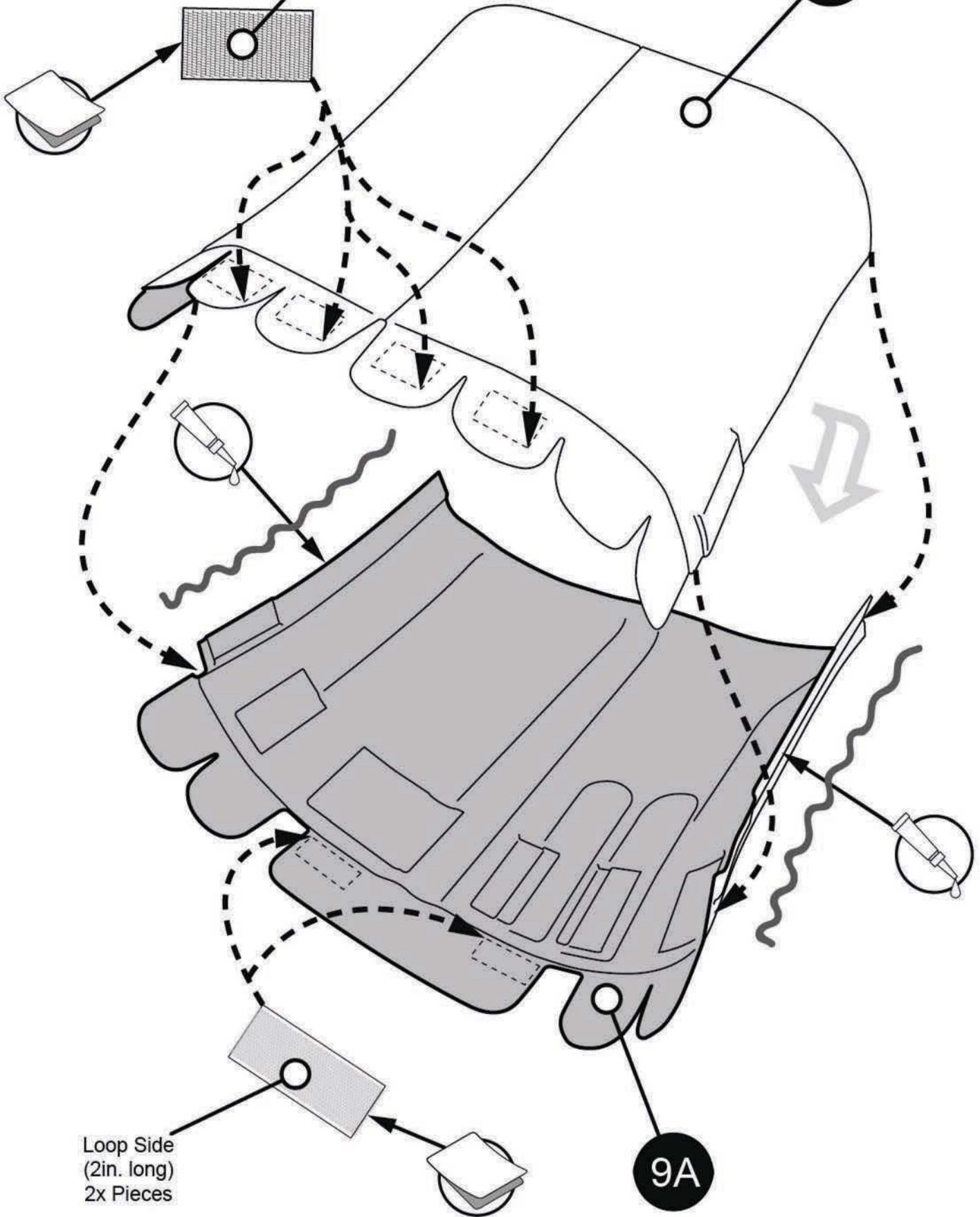
11 ASSEMBLY x2 Mirror for 8 (Handplate)



12 ASSEMBLY

Hook Side
(1in. long)
4x Pieces

9B

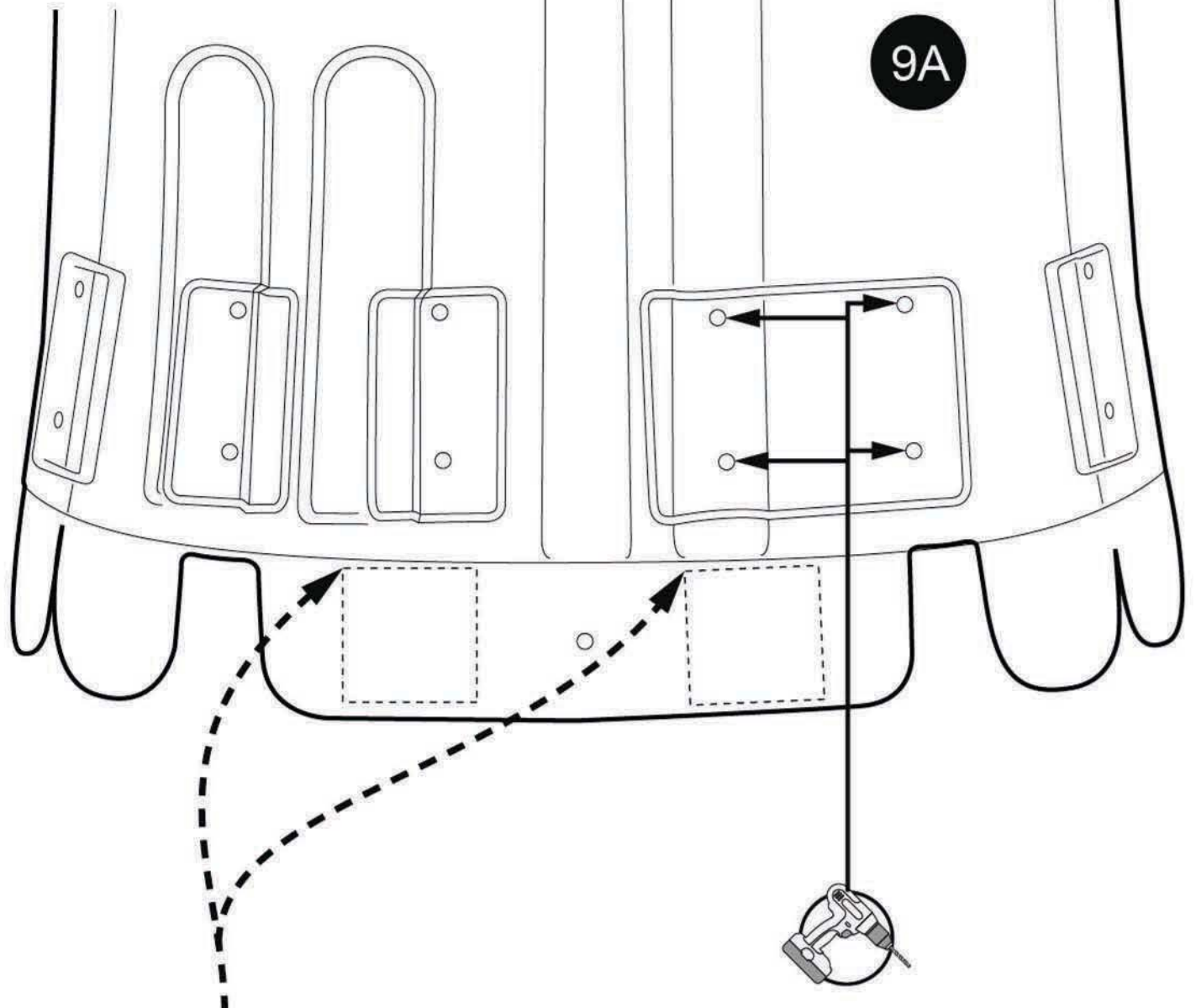


Loop Side
(2in. long)
2x Pieces

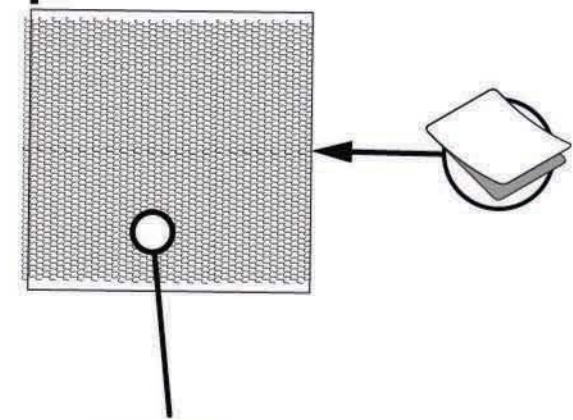
9A

13 ASSEMBLY

9A



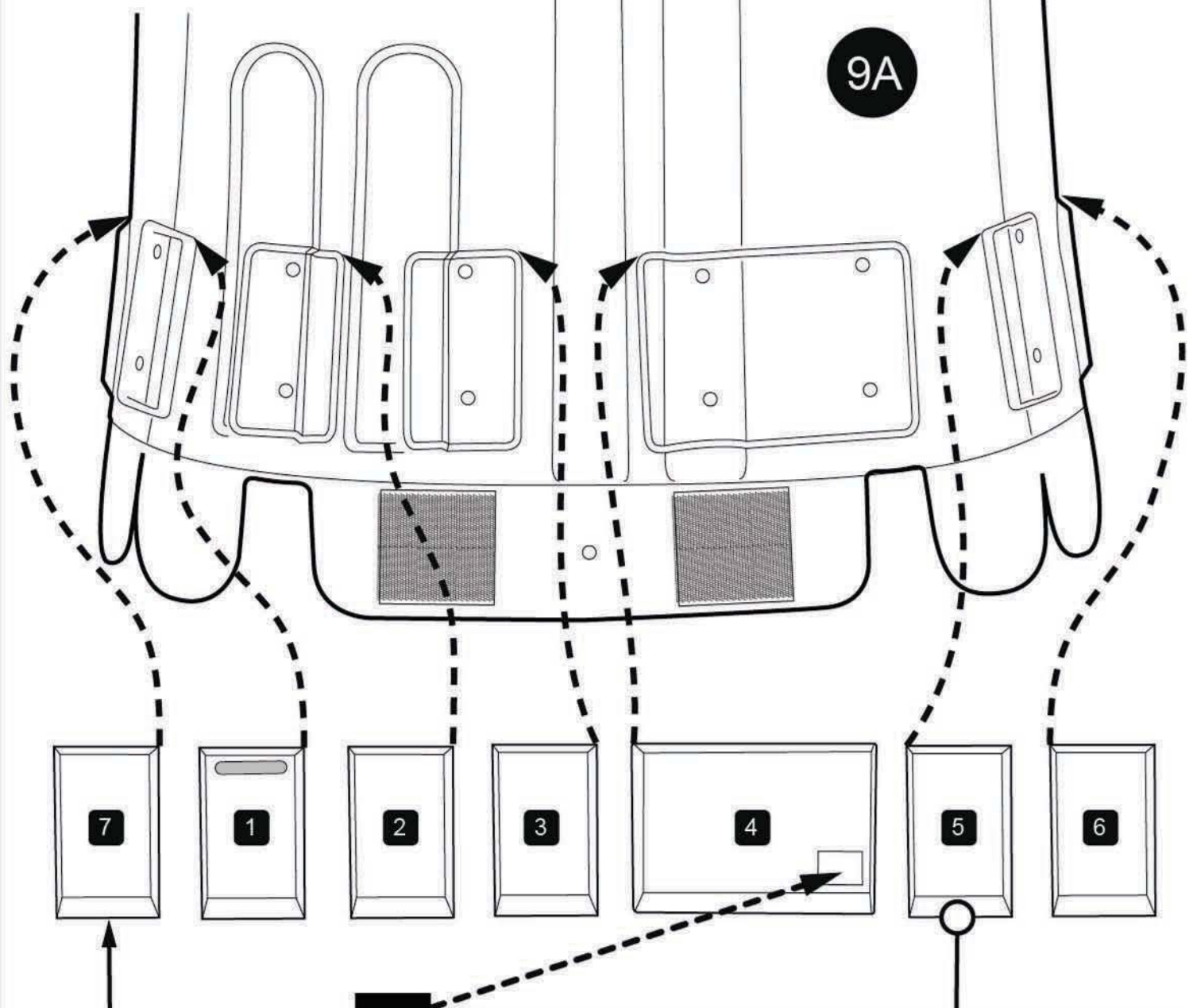
NOTE: Drill hole locations are marked by little nubs at each box placement.



Hook Side
(2in width x 2.5in. long)
2x Pieces

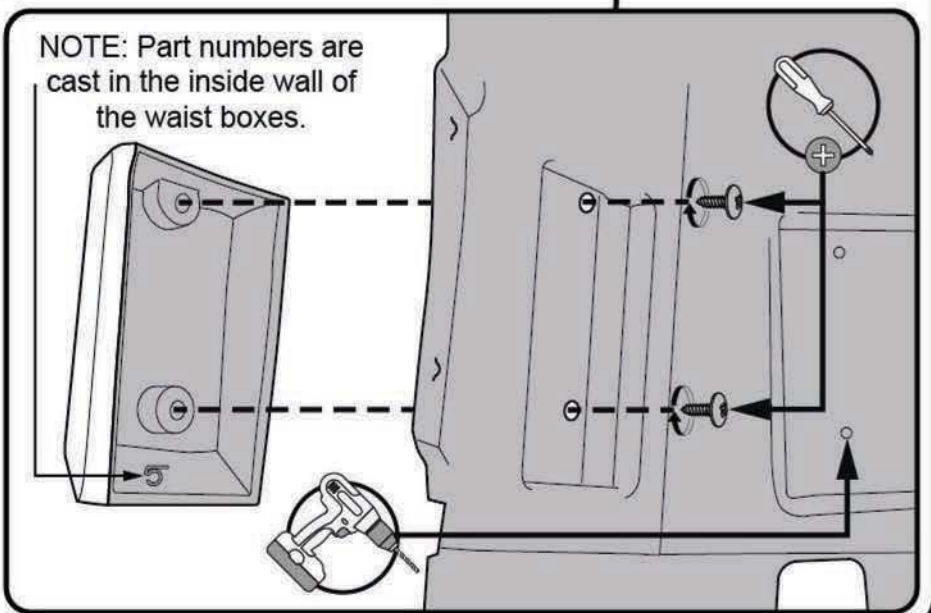
14 ASSEMBLY

9A

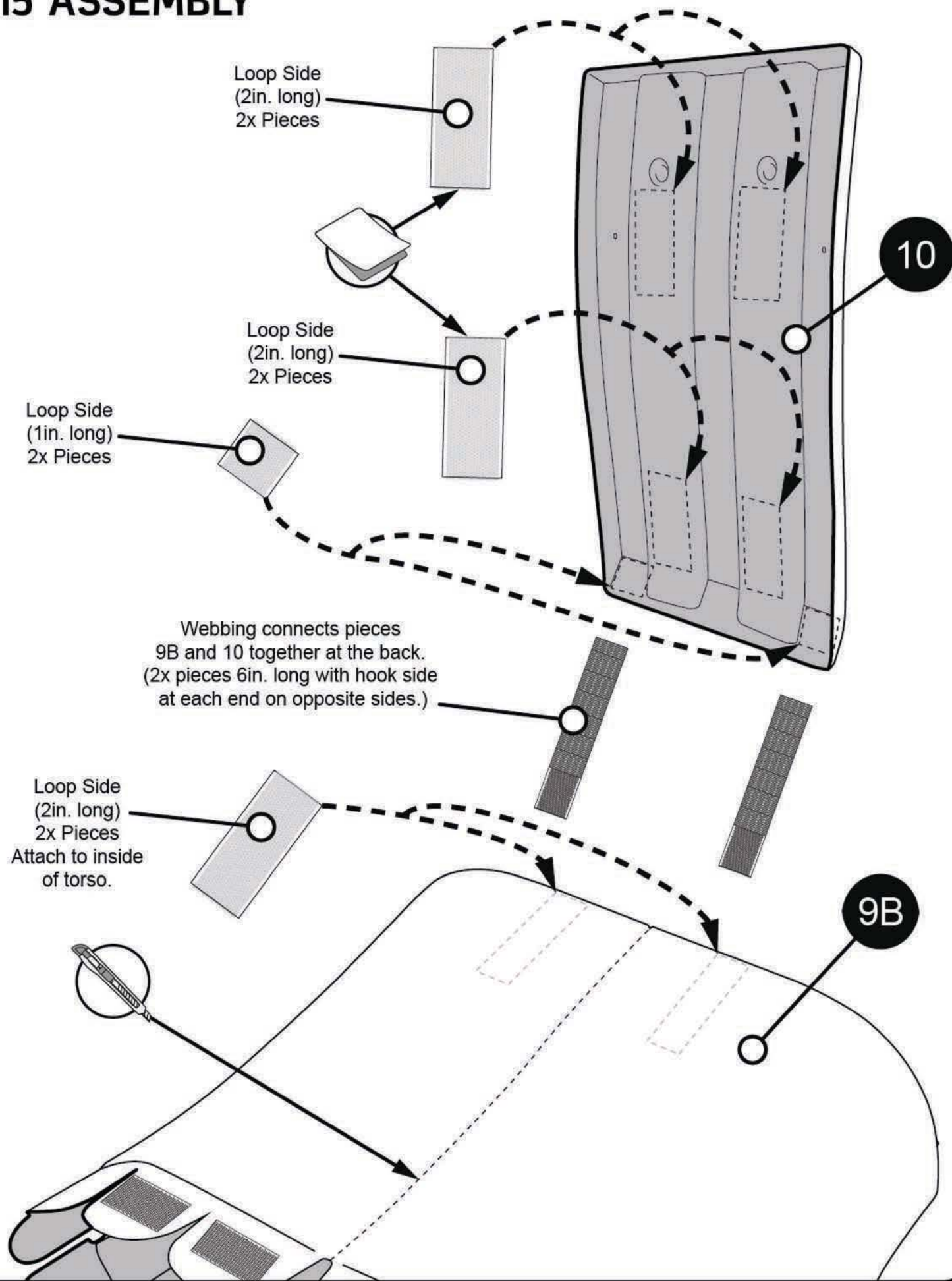


NOTE: Paint resin pieces 1 - 7 before assembly.

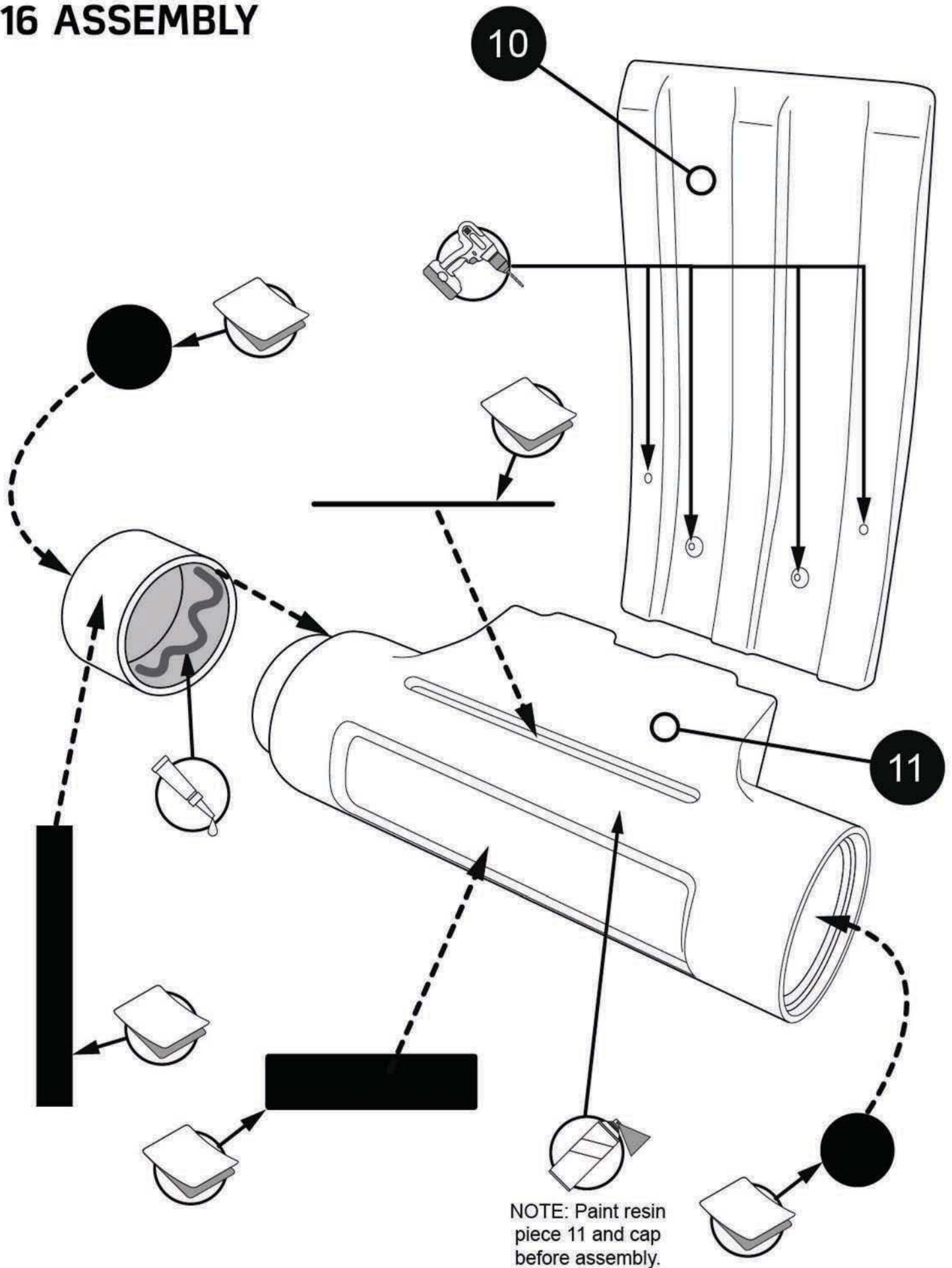
NOTE: Part numbers are cast in the inside wall of the waist boxes.



15 ASSEMBLY



16 ASSEMBLY



NOTE: Paint resin piece 11 and cap before assembly.

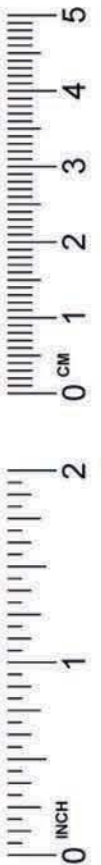
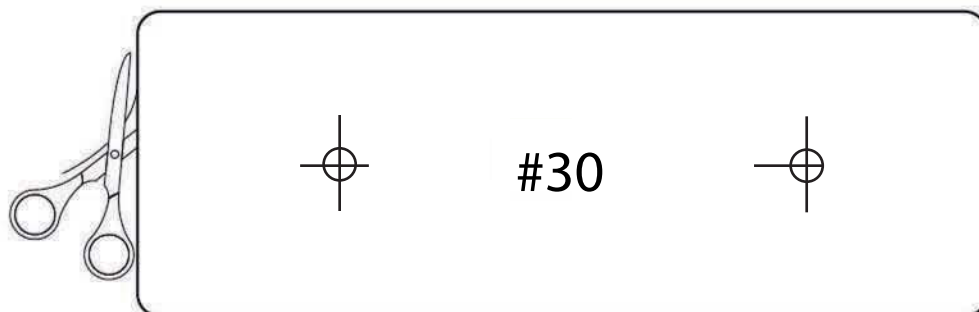
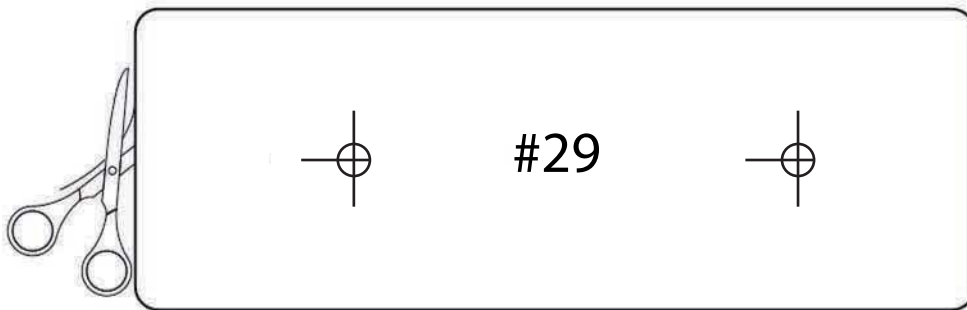
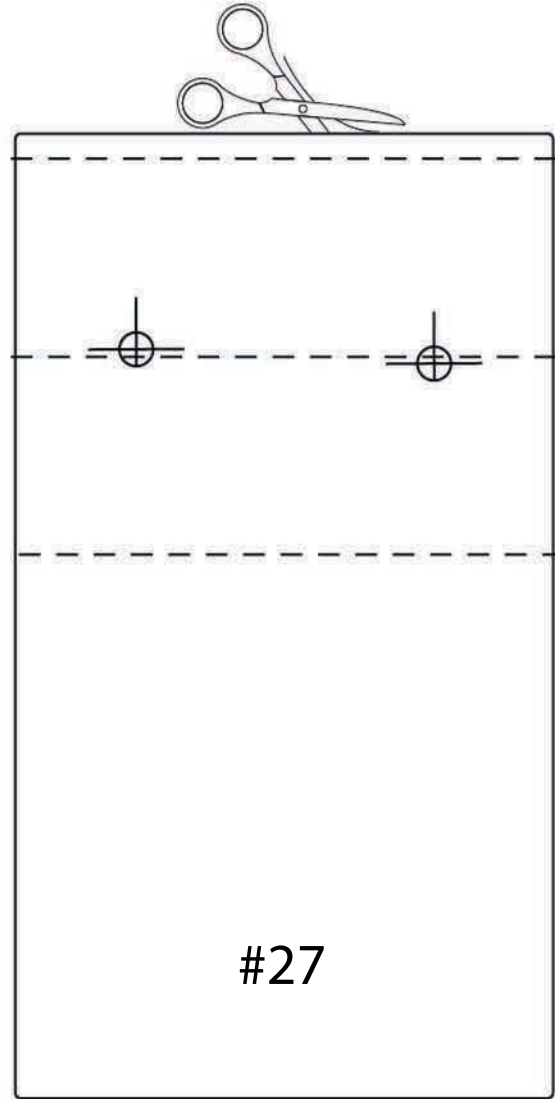
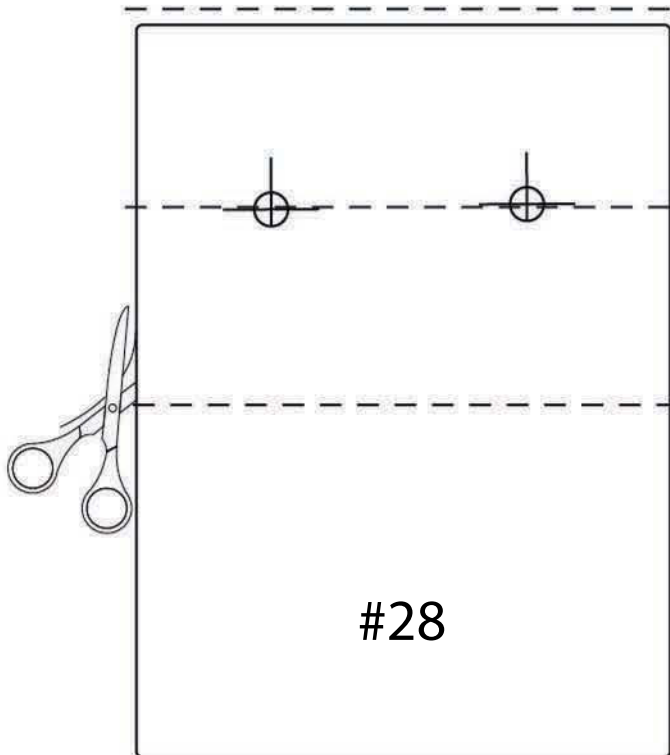
TEMPLATE

Place these templates on the rubber side of the belt to mark the position of the belt boxes. Position holes along the center line of the belt. Box placement will be custom to your body size.

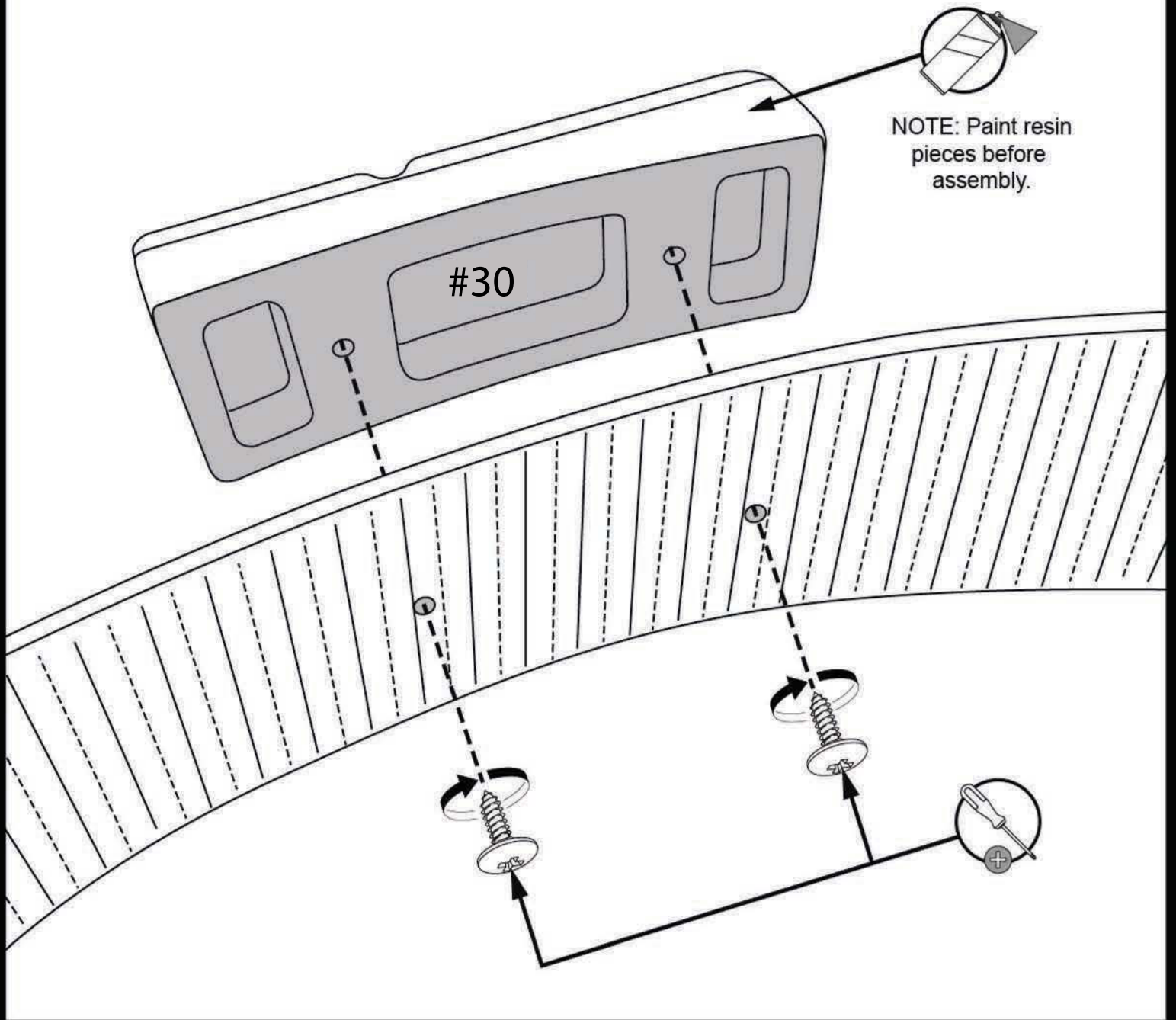
Punch holes through the rubber and nylon webbing.

Print this page at 100%

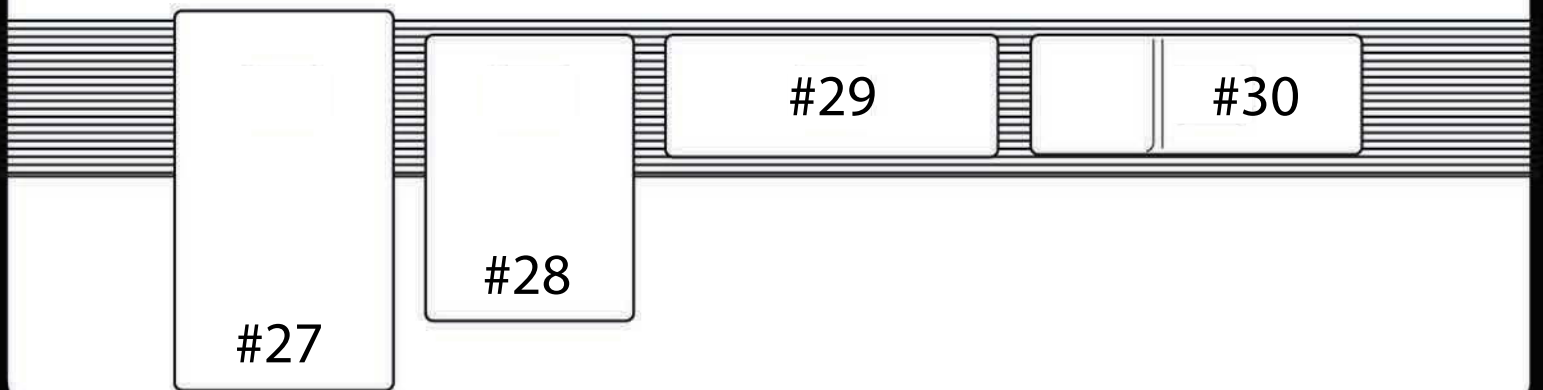
(1 : 1 Scale, 100% Size, 1" = 1")



17 ASSEMBLY x4 Repeat for 11B, 11C, & 11D

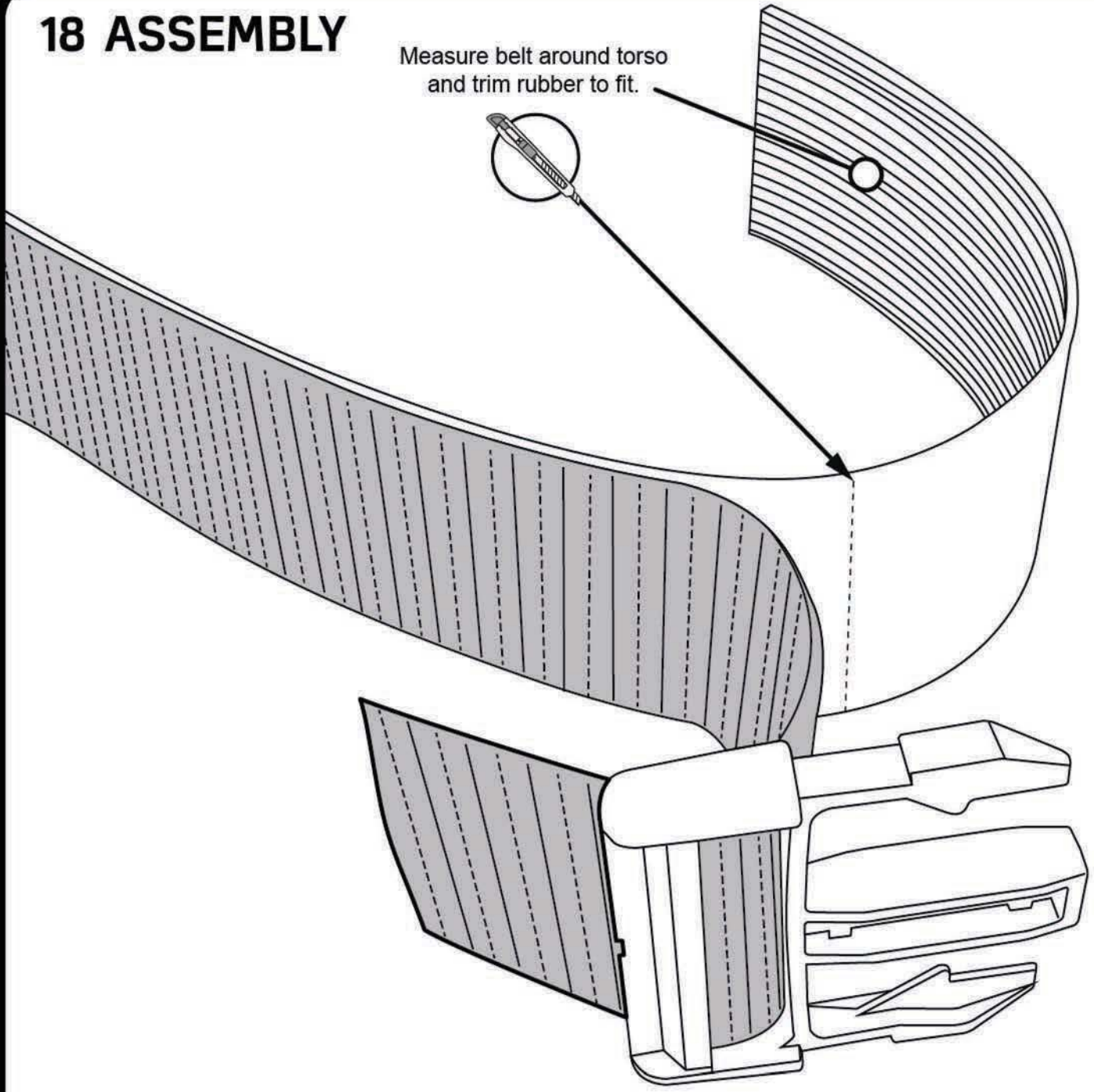


Alignment of the belt boxes.

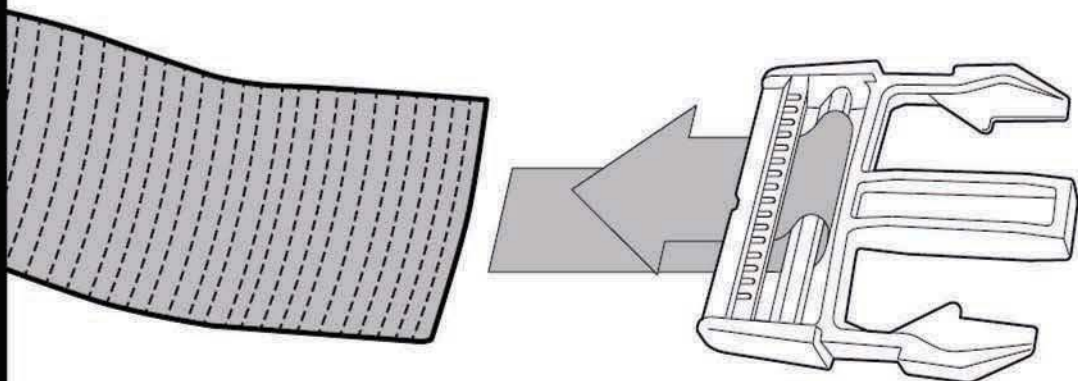


18 ASSEMBLY

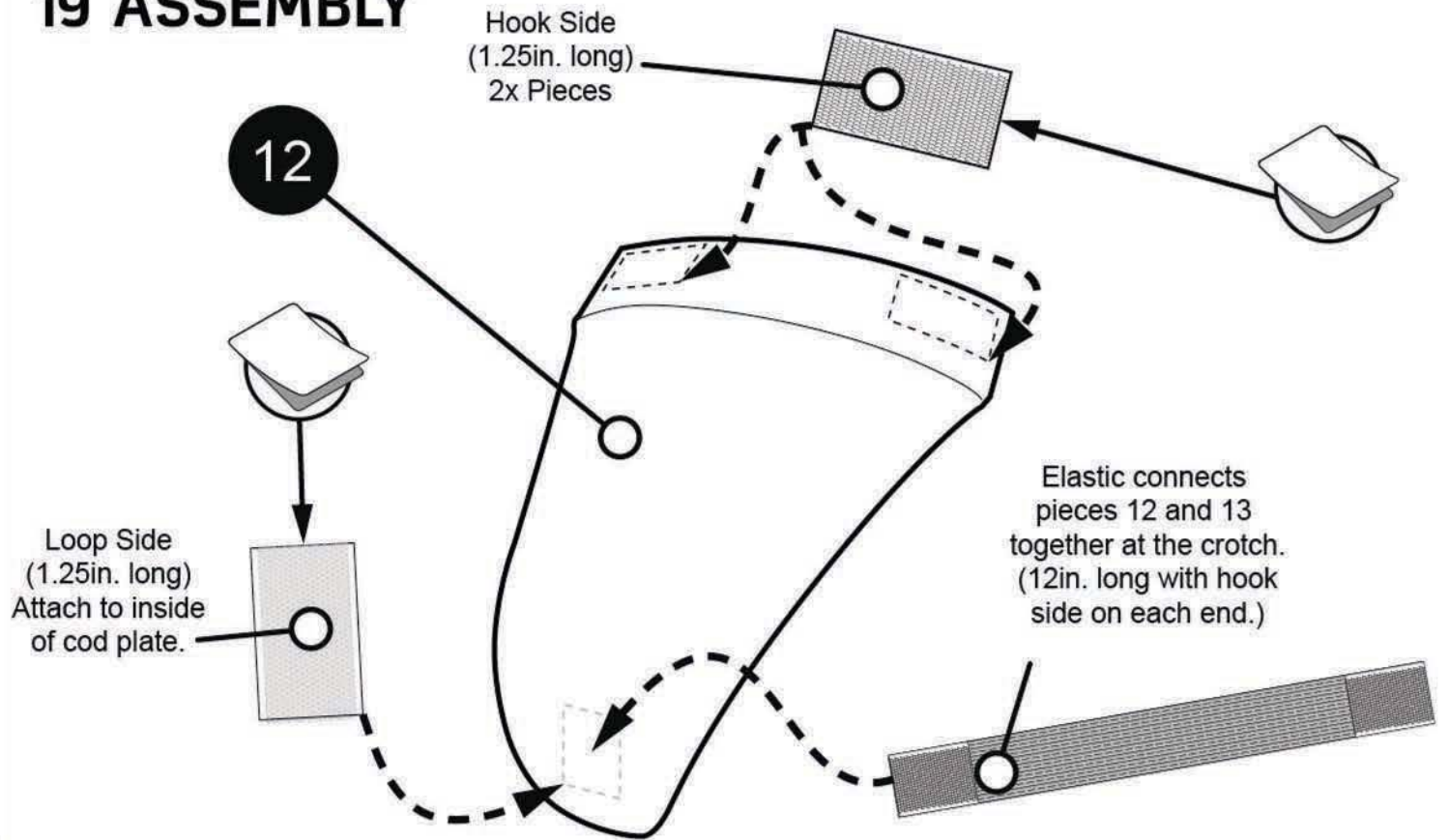
Measure belt around torso
and trim rubber to fit.



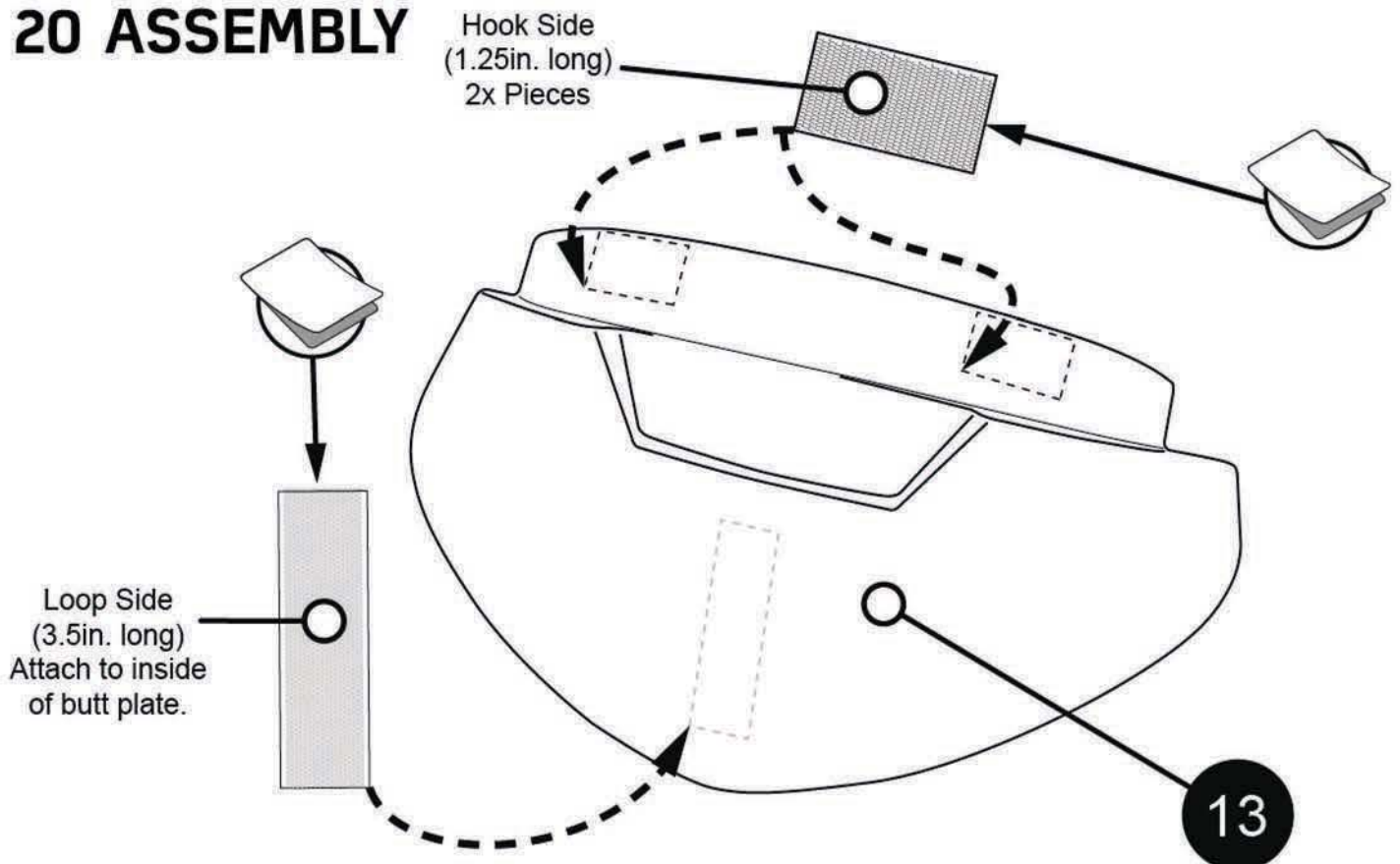
Lace webbing through buckle.



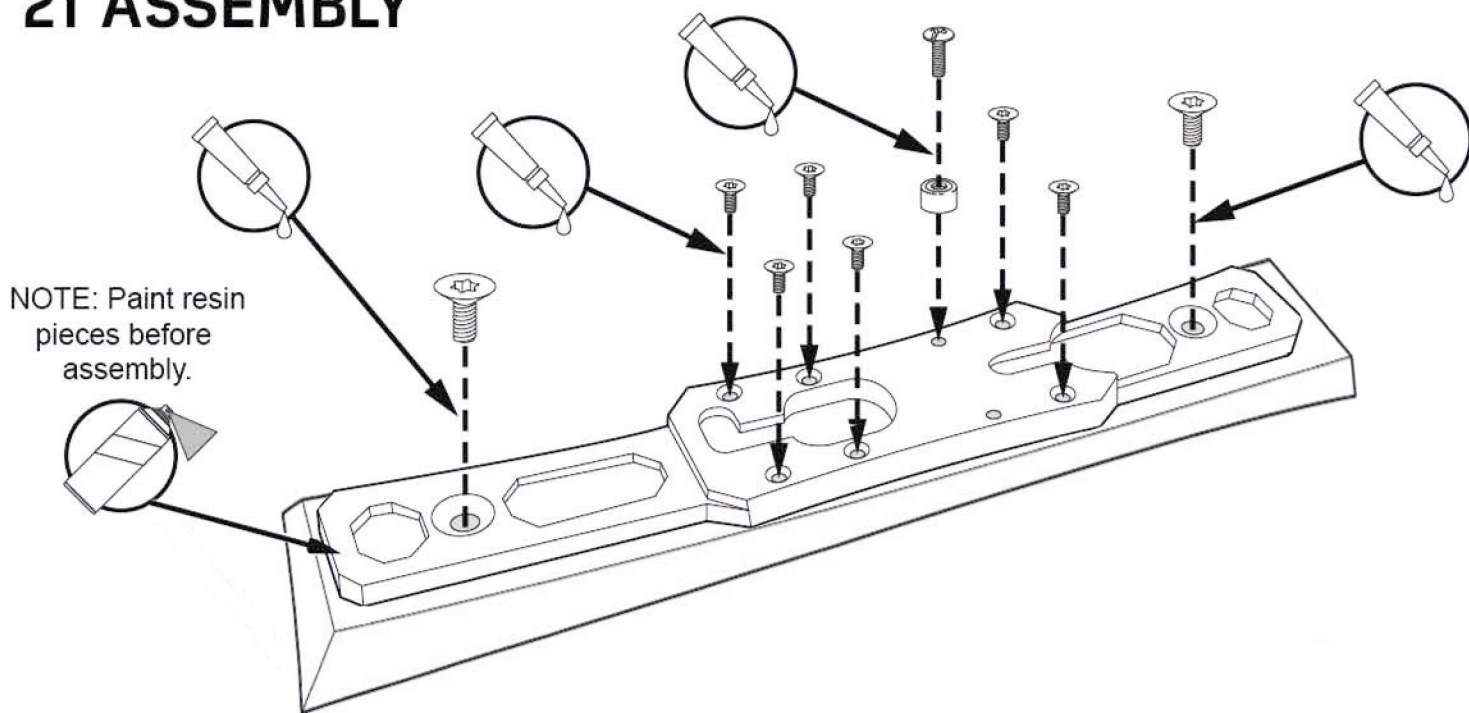
19 ASSEMBLY



20 ASSEMBLY

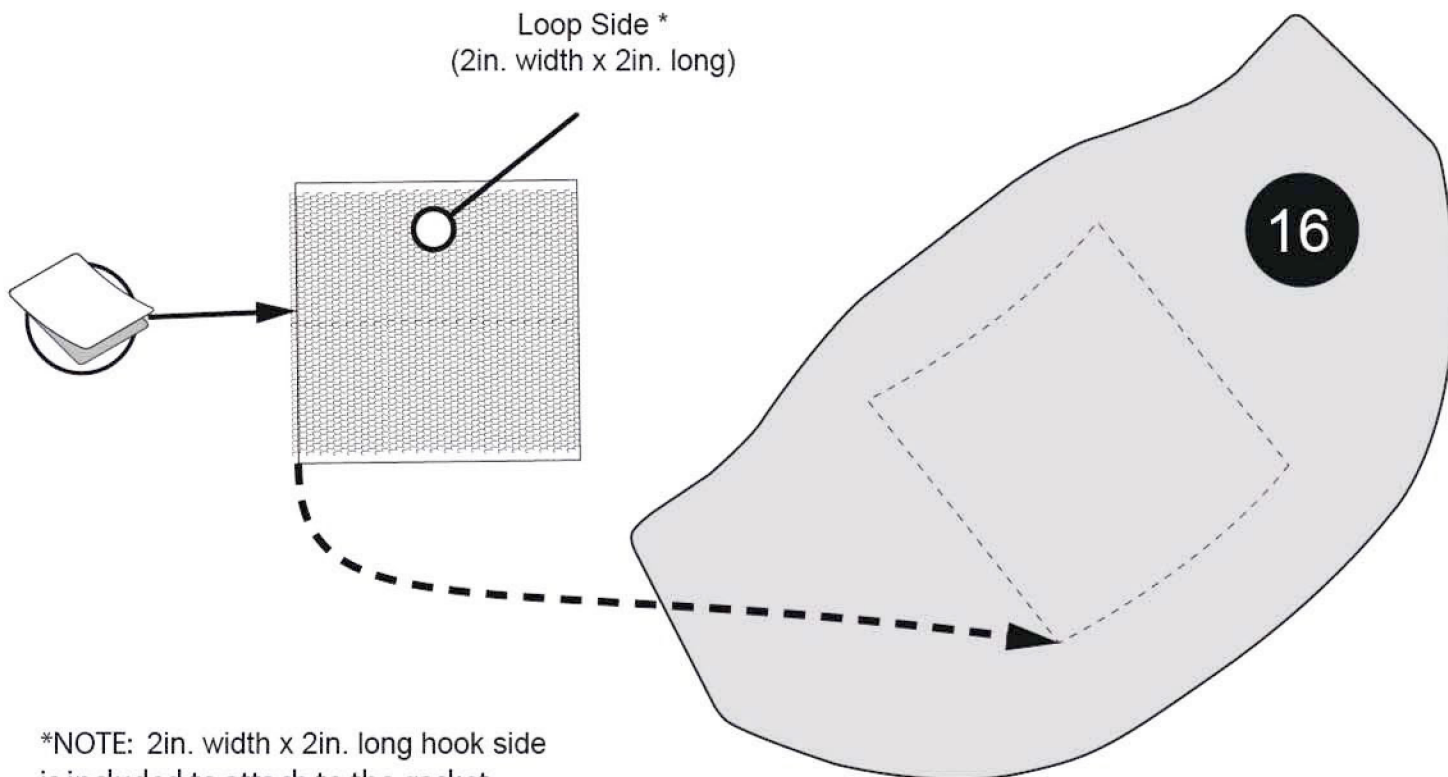


21 ASSEMBLY



22 ASSEMBLY x2 *Mirror for Left side knee cap*

Loop Side *
(2in. width x 2in. long)



*NOTE: 2in. width x 2in. long hook side is included to attach to the gasket.

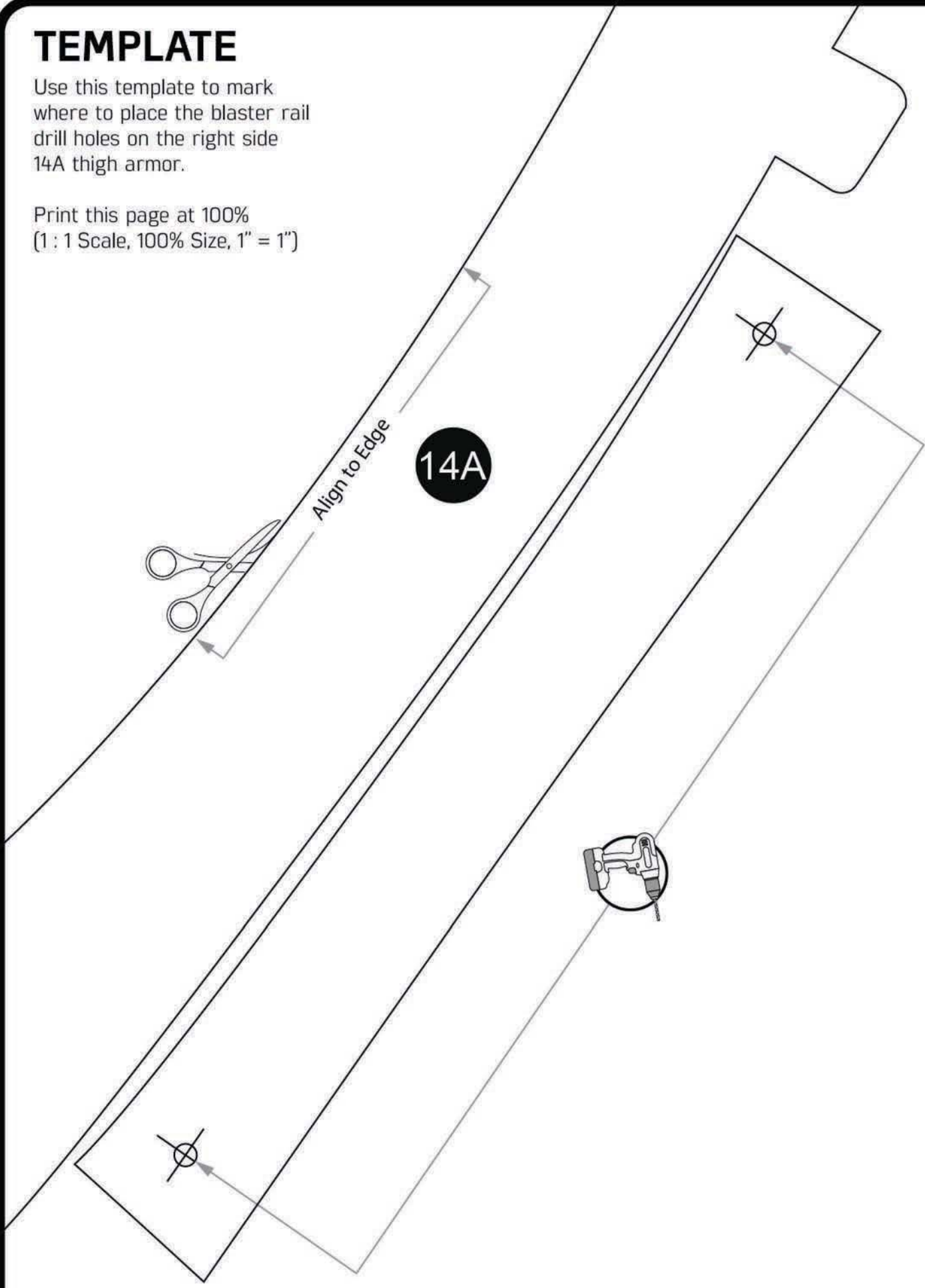
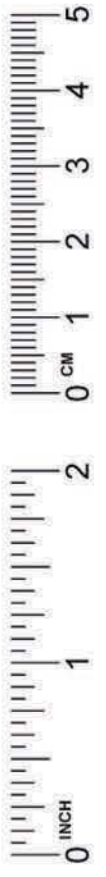
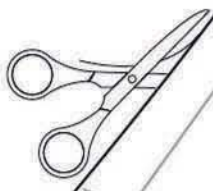
TEMPLATE

Use this template to mark where to place the blaster rail drill holes on the right side 14A thigh armor.

Print this page at 100%
(1 : 1 Scale, 100% Size, 1" = 1")

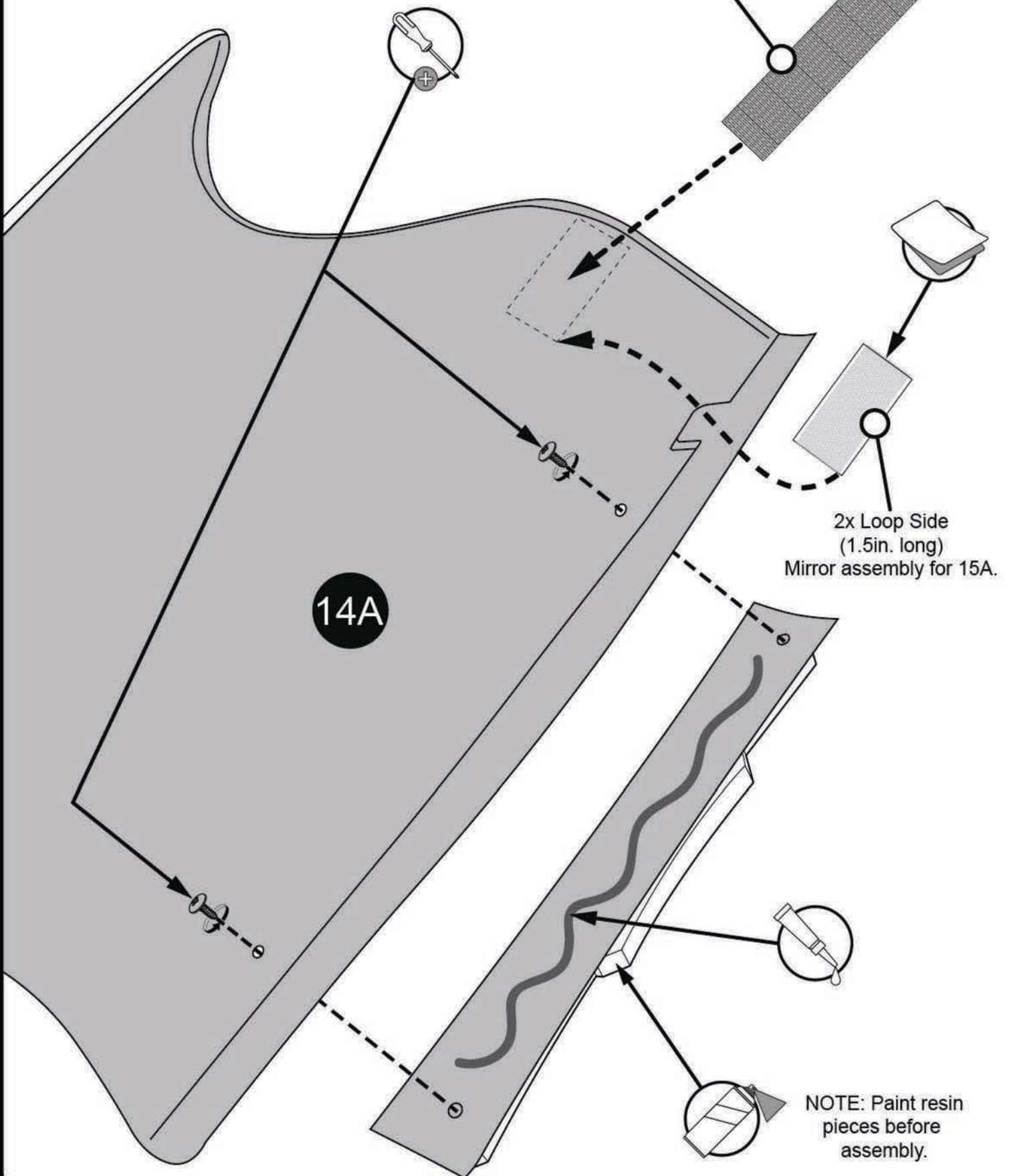
TOP

Align to Edge
14A



23 ASSEMBLY

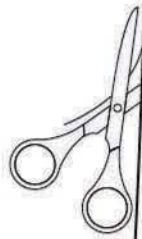
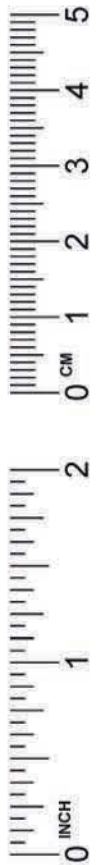
Webbing attaches thigh to waist* belt
(*provided only in premier kits).
(4x pieces 6in. long with hook side
at each end on opposite sides.)



TEMPLATE

Use this template to mark where to place the 'Kit-Kats' and drill holes on the left side 17B calf armor.

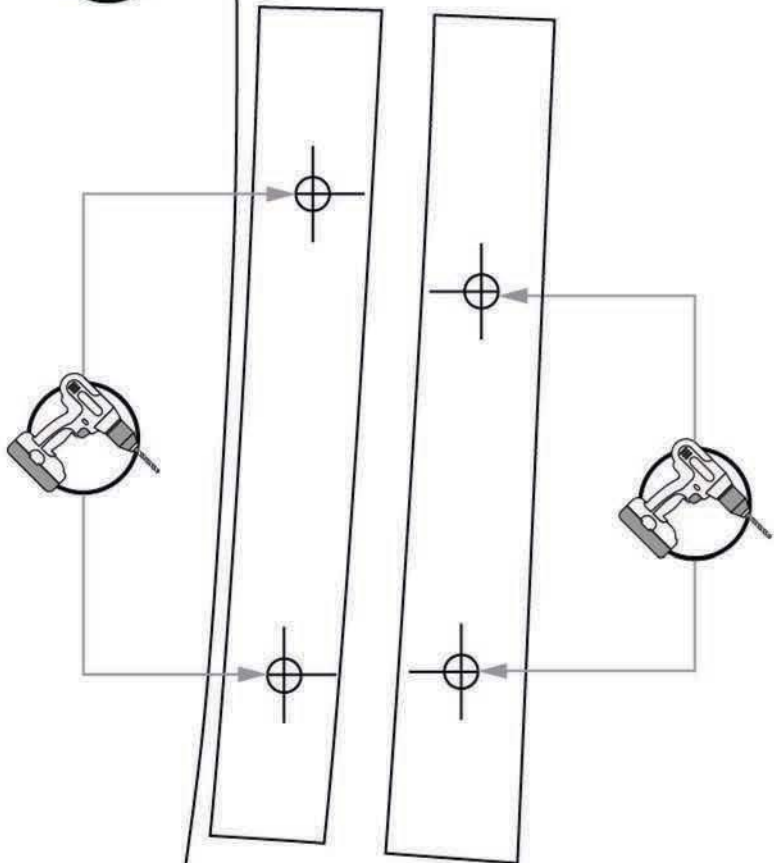
Print this page at 100%
(1 : 1 Scale, 100% Size, 1" = 1")



Align to Edge

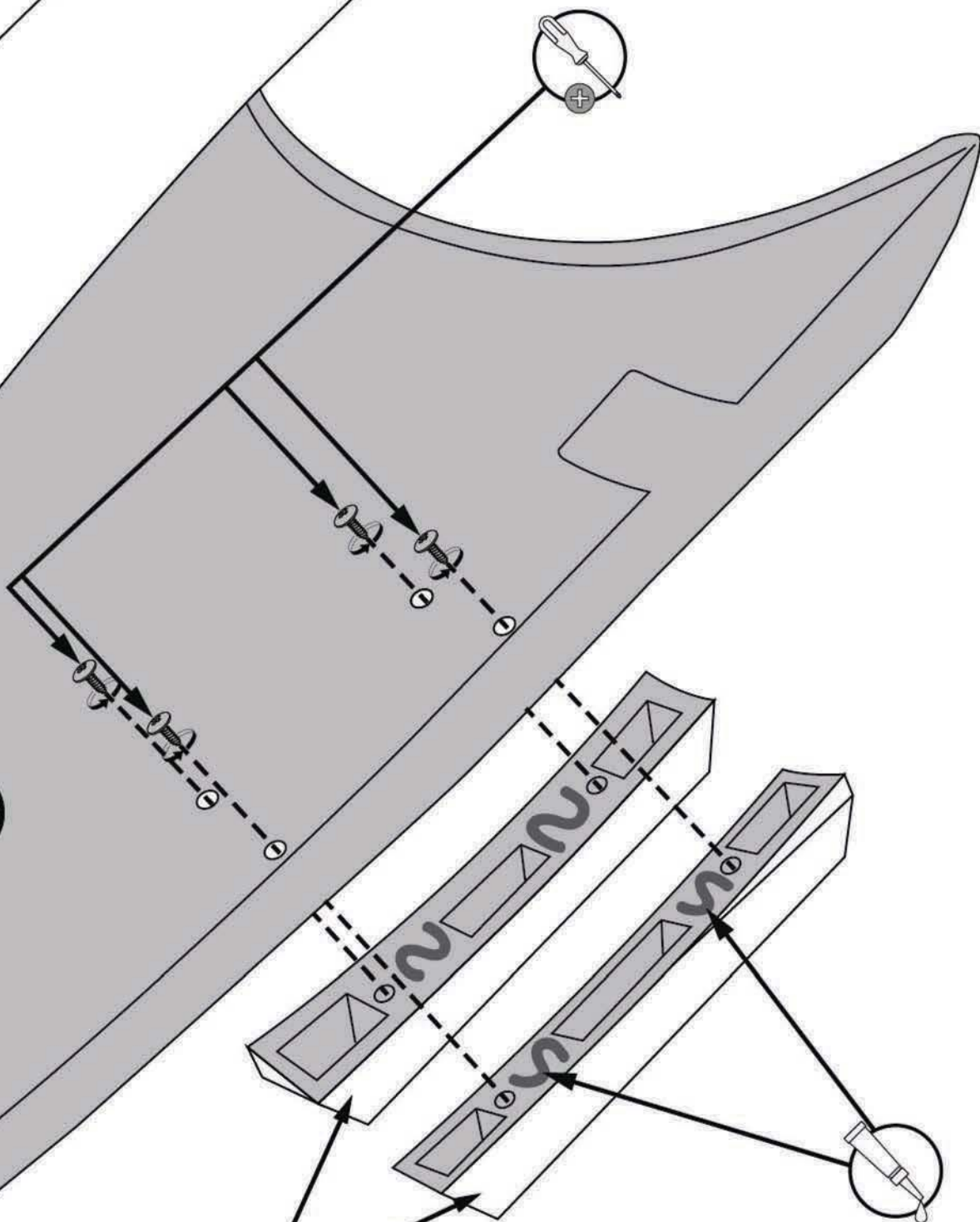
17B

TOP

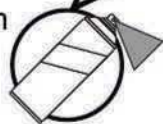


25 ASSEMBLY

17B

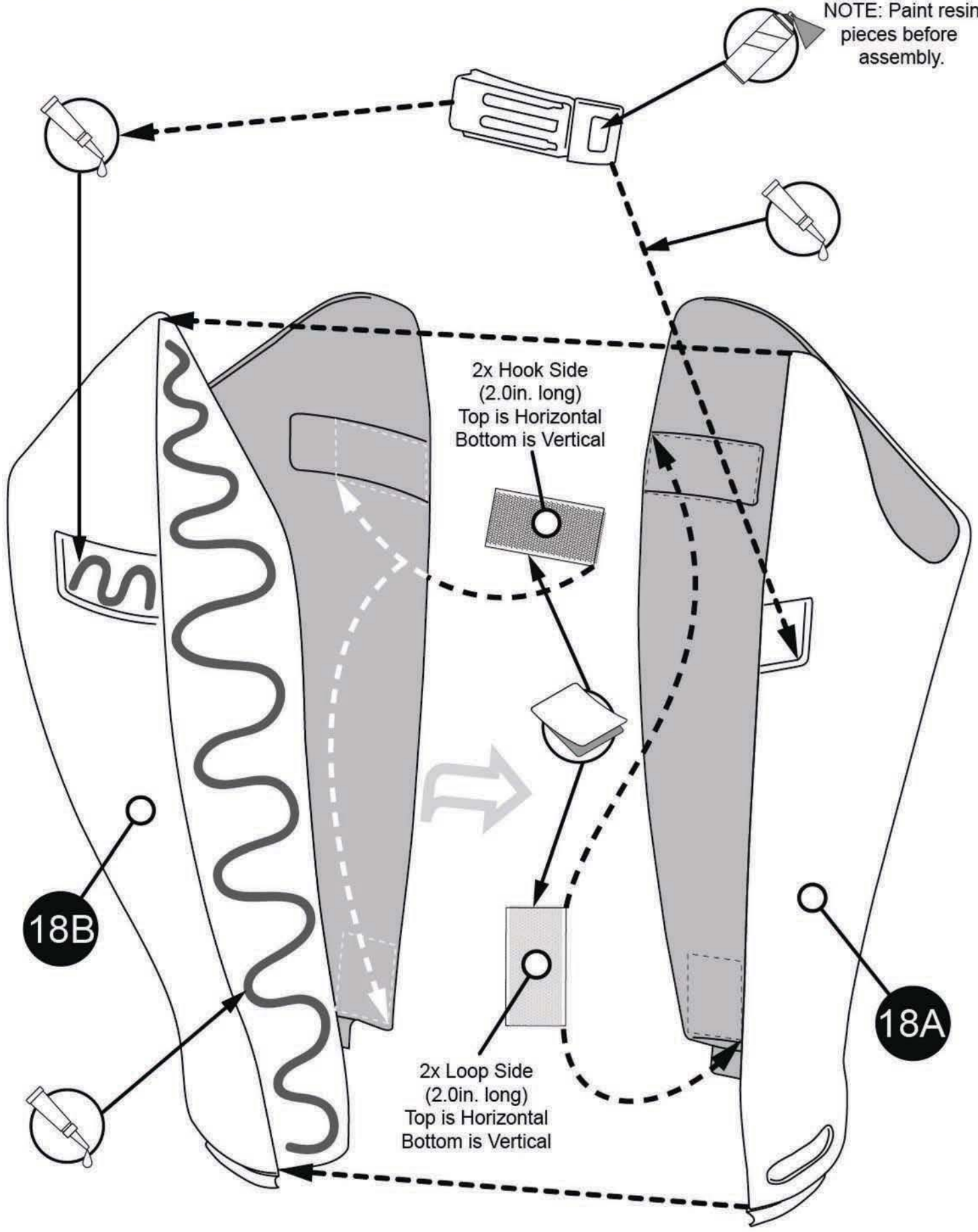


NOTE: Paint resin pieces before assembly.



26 ASSEMBLY x2 Mirror for 17A & 17B

NOTE: Paint resin pieces before assembly.



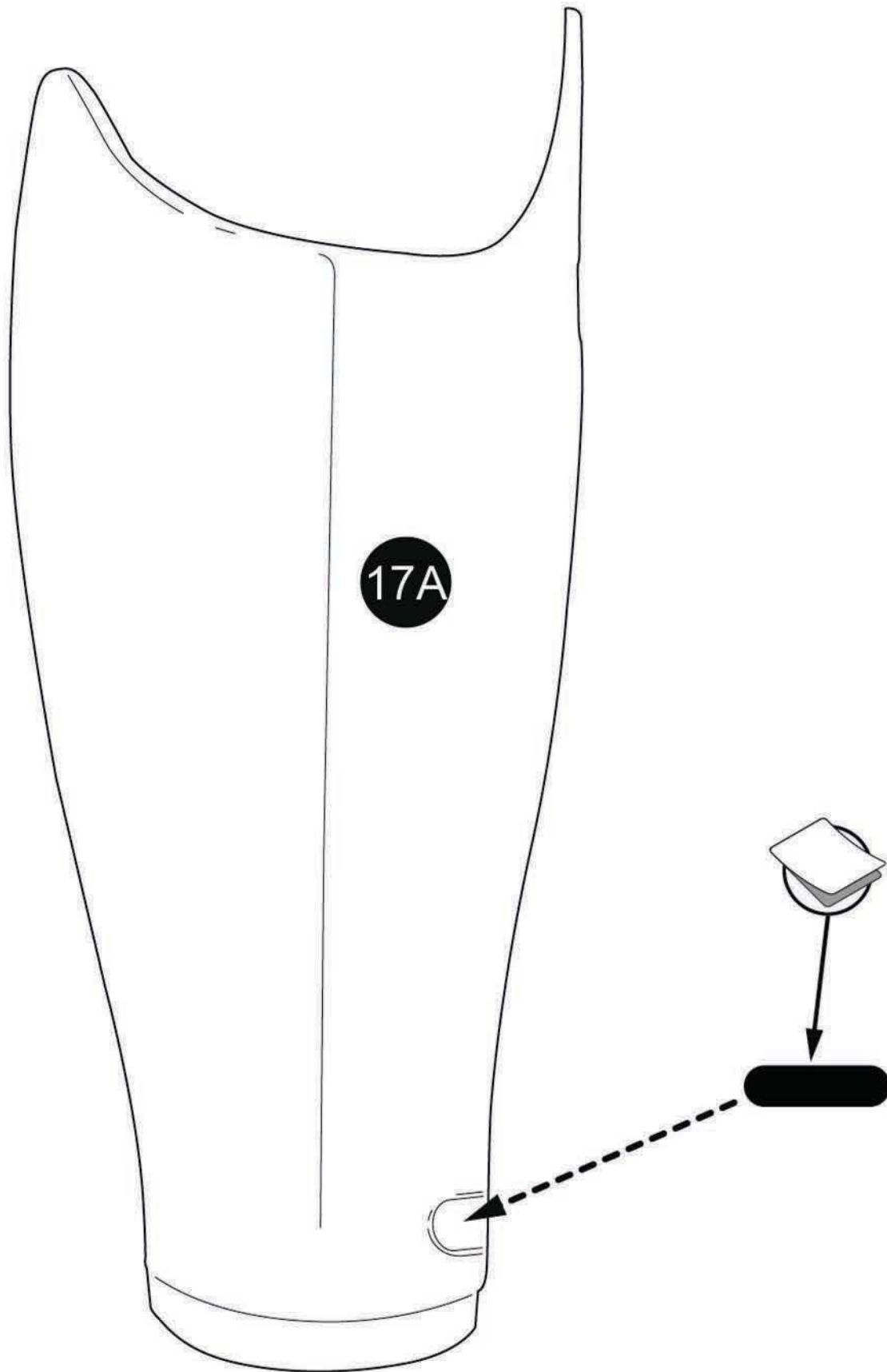
18B

18A

2x Hook Side
(2.0in. long)
Top is Horizontal
Bottom is Vertical

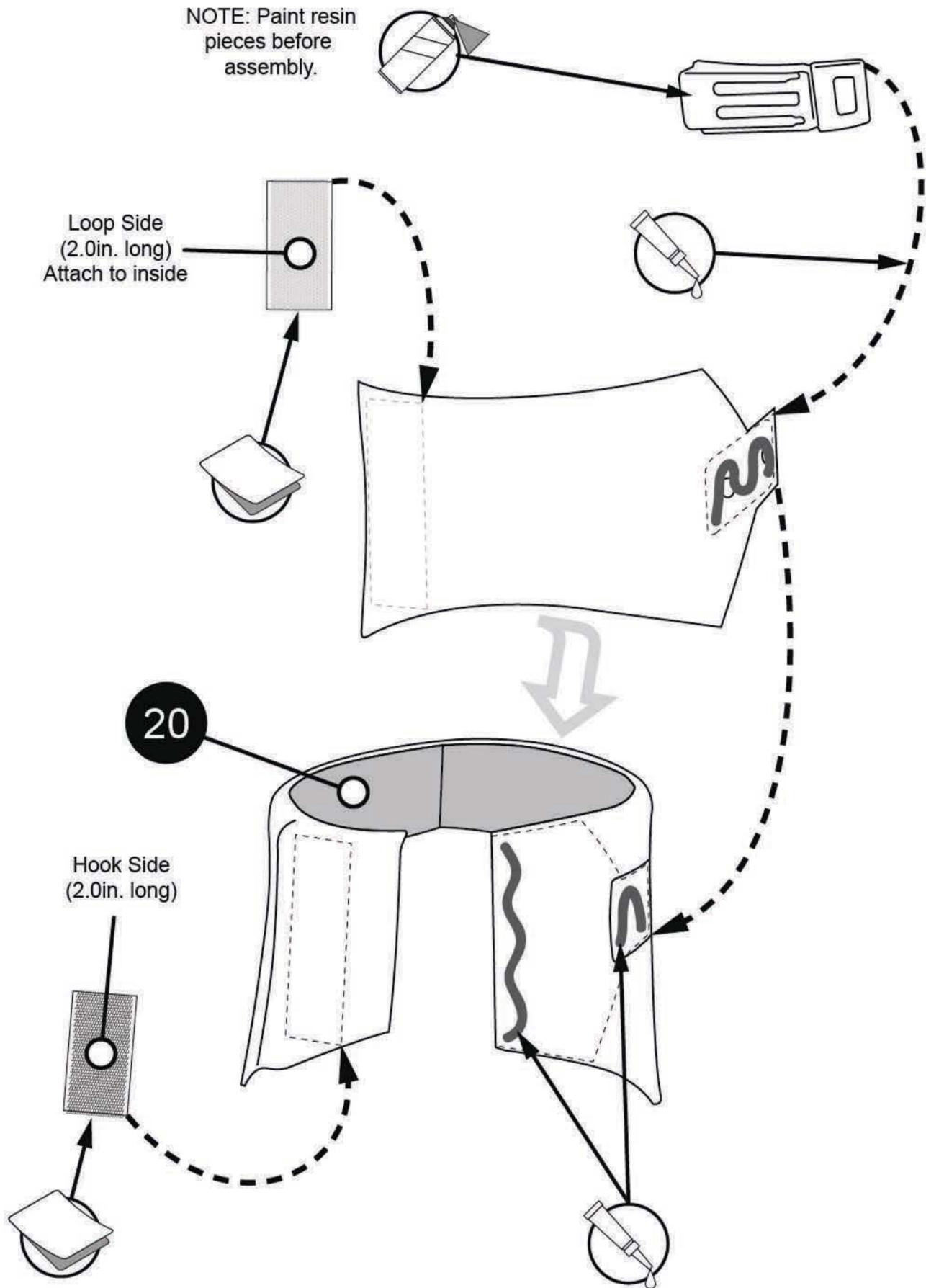
2x Loop Side
(2.0in. long)
Top is Horizontal
Bottom is Vertical

DECAL PLACEMENT x2 *Mirror for 18A*



27 ASSEMBLY x2 *Mirror for 19*

NOTE: Paint resin pieces before assembly.



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