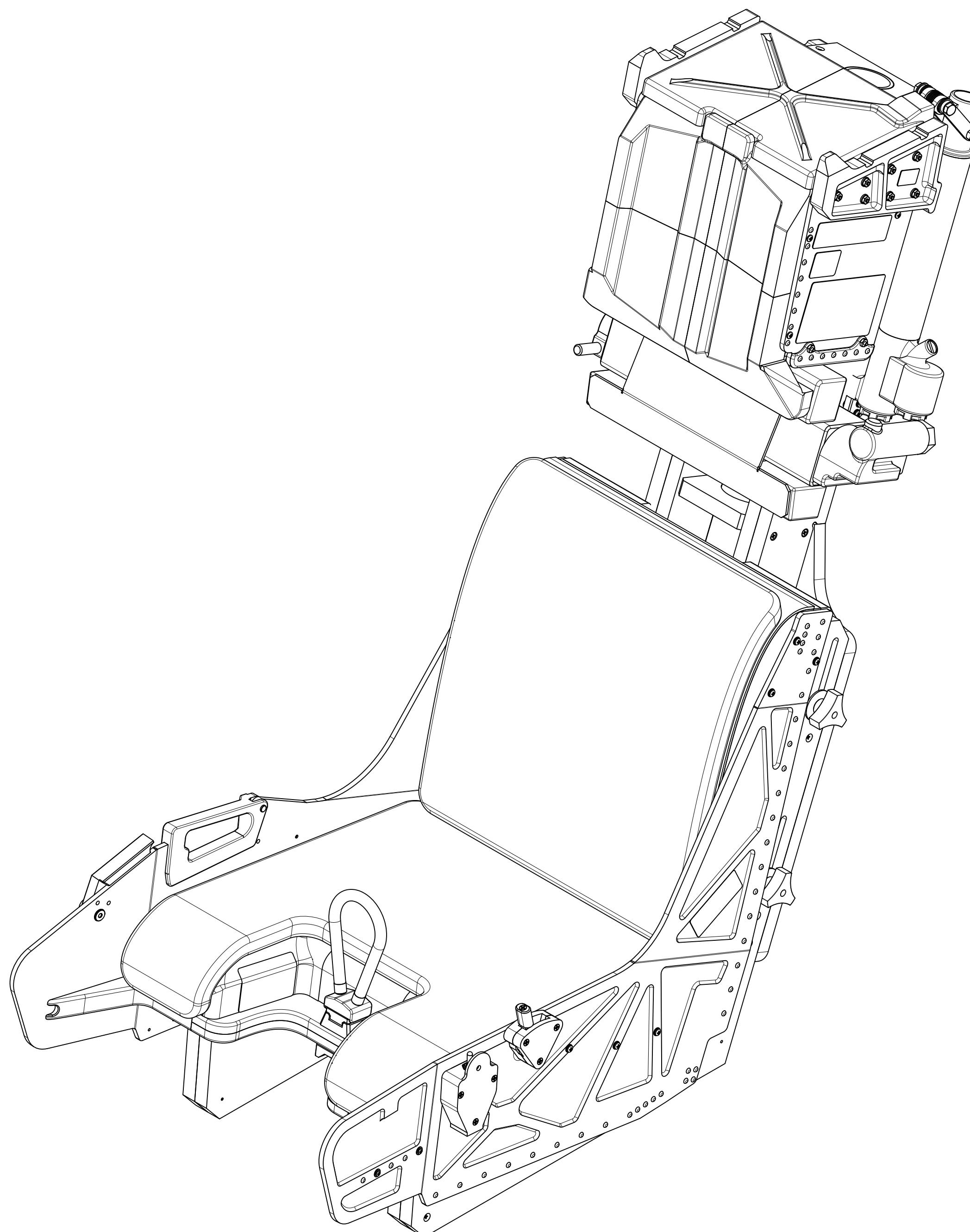


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. SPECIFICATIONS AND DOCUMENTS:
 - 1.1. ELECTRICAL CONNECTIONS SHALL BE IAW OH-INTERCONNECT.
2. ALL ITEMS NOT EXPLICITLY DEFINED IN THIS DRAWING ARE DEFINED BY THE MASTER CAD MODELS.
ALL DIMENSIONS NOT DEFINED ON THIS DRAWING ARE CONTAINED WITHIN THE FOLLOWING
MANUFACTURING FILES:
 - 2.1. FLAT PARTS: <MATERIAL>_<MATERIAL COLOR, IF APPLICABLE>_<THICKNESS, IN DECIMAL
INCHES>_<PN>_<DESCRIPTION>_<REV>_V<VERSION NUMBER OF MODEL>.SVG
 - 2.2. FDM 3D PRINTED PARTS: FDM_<PN>_<DESCRIPTION>_<REV>_V<VERSION # OF MODEL>.3MF
 - 2.3. RESIN 3D PRINTED PARTS: RESN_<PN>_<DESCRIPTION>_<REV>_V<VERSION # OF MODEL>.3MF
 - 2.4. MACHINED OR BENT PARTS: <PN>_<DESCRIPTION>_<REV>_V<VERSION # OF MODEL>.STEP
 - 2.5. DECALS: <PN>_<DESCRIPTION>_<REV>_V<VERSION # OF MODEL>.PDF
3. ALL PARTS SHALL BE PAINTED IAW FED-STD-595, FS37038, BLACK.
4. FN 6 & 7 SHALL BE CONSTRUCTED OF 500 DENIER OLIVE DRAB CONDURA OR DUCKCLOTH COVER,
WITH VELCRO CLOSURES WHICH SHALL NOT BE VISIBLE WHILE INSTALLED. CUSHION INSERT SHALL
CONSIST OF 3/4" MEDIUM FIRMNESS MEMORY FOAM WITH A 1/4" EXTRA FIRM FOAM BASE PLY
BONDED TOGETHER. SEWN ON HOOK-AND-LOOP ("VELCRO") FASTENER SHALL BE ATTACHED TO
THE BOTTOM/BACK OF EACH PAD, AND ATTACHED TO THE SEAT WITH ADHESIVE BACKED
HOOK-AND-LOOP FASTENER.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	02/25/2024	



-1 ASSY

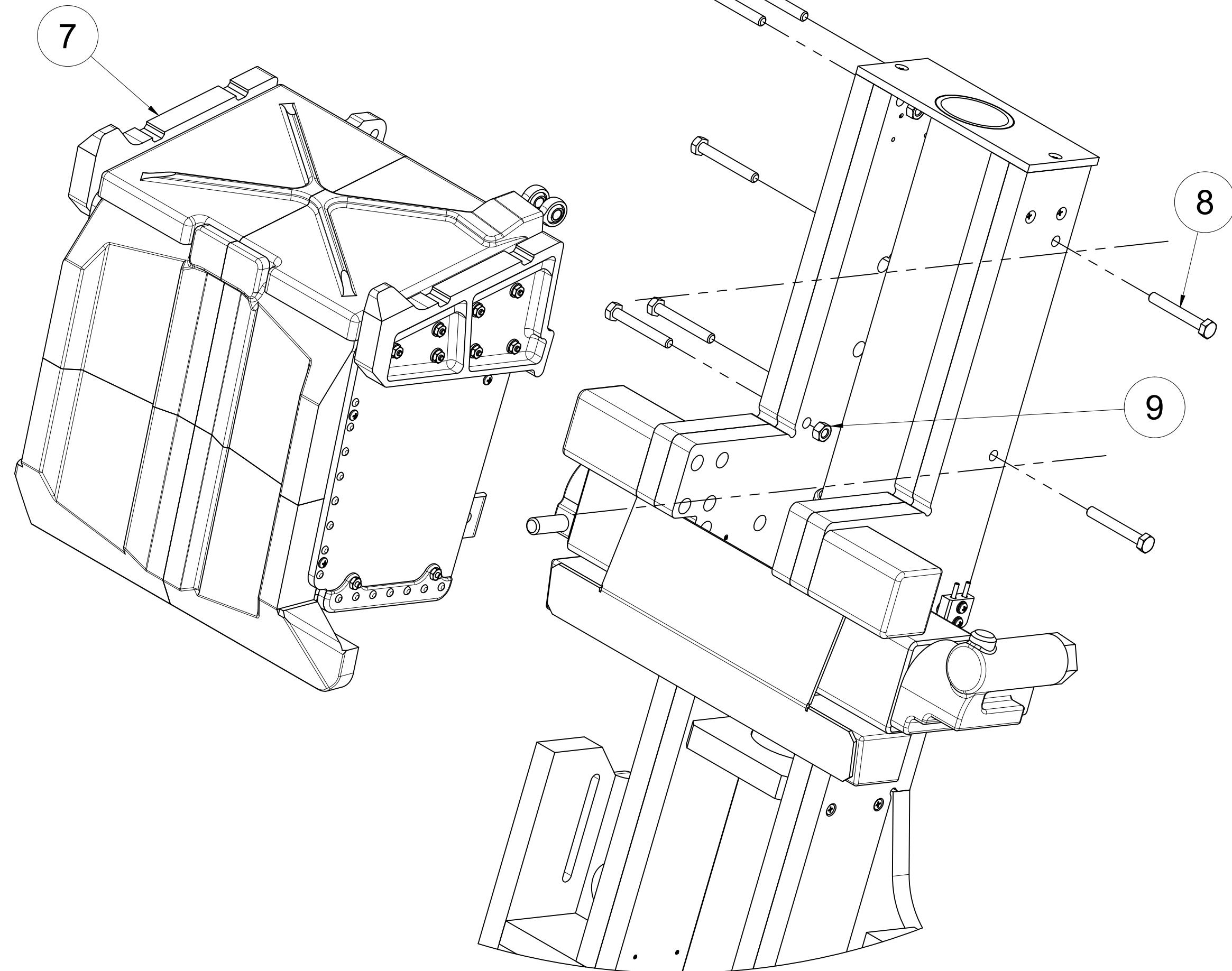
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
32	1	BK4-4	XDCR, BUTTKICKER ADVANCE	N/A
31	1	OH3A2-400	ASSY, BRIDLE CONTAINER COVER	
30	1	OH3A2-300	ASSY, SEAT BASE & RAILS	
29	1	OH3A2A-9016	DECAL, DROGUE ASSY	VYNL
28	1	OH3A2A-9014	DECAL, SURVIVAL KIT, OXYGEN, AIRCRAFT SEAT	VYNL
27	2	OH3A2A-9011	DECAL, SEAT APPLICATION	VYNL
26	1	OH3A2A-9010	DECAL, SEAT, AIRCRAFT EJECTION	VYNL
25	1	OH3A2A-9007	DECAL, PARACHUTE ASSY	VYNL
24	1	OH3A2A-9006	DECAL, NACES PFCL	VYNL
23	1	OH3A2A-9008	DECAL, SEAT BUCKET MECH	VYNL
22	1	OH3A2A-9004	DECAL, DANGER DO NOT PULL	VYNL
21	1	OH3A2A-9005	DECAL, DO NOT HOLD	VYNL
20	1	OH3A2A-9002	DECAL, BRIDLE AND BOX	VYNL
19	1	OH3A2A-9003	DECAL, BUCKET-SEAT ASSY	VYNL
18	4	57715K26	KNOB, THREE-ARM, .3125-18, THRU-HOLE, PLASTIC	N/A
17	4	98060A580	BOLT, CARRIAGE, KNURLED-NECK, .3125-18 X 1.75L, GR5	STL
16	4	91309A542	HHCS, .25-20 X 1.00, STEEL, ZINC	STL
15	4	90126A029	WASHER, .25 X .625, STEEL, ZINC	STL
14	8	90377A165	WASHER, .3125 X 1.50 OD, 18-8, BLK	SS
13	2	93085A854	FHS, 100DEG, #8-32 X 2.00, 18-8	SS
12	2	91841A009	NUT, #8-32, 18-8	SS
11	2	96765A120	WASHER, #8 X .375 OD, 18-8, BLACK	SS
10	12	96765A145	WASHER, .3125 X .750 X .05 THK, 18-8, BLK	SS
9	9	92673A119	NUT, .3125-18, 18-8	SS
8	9	92198A692	HHCS, .3125-18 X 2.25, PART THD, 18-8	SS
7	1	OH3A2A-200	ASSY, PARACHUTE CONTAINER, SJU-17	
6	1	OH3A2-34	SEAT BACK CUSHION	N/A
5	1	OH3A2-33	SEAT PAN CUSHION	N/A
4	1	OH3A2A-100	ASSY, SEAT BUCKET, SJU-17	
3	1	OH3A2-200	PARACHUTE DEPLOYMENT ROCKET	
2	2	OH3A2-27	UPPER PARACHUTE DEPLOYMENT ROCKET ARM	ACRL
1	1	OH3A2-100	DROGUE DEPLOYMENT CATAPULT	

UNLESS OTHERWISE SPECIFIED:	UOS INCH TOLERANCES ARE:	TITLE
DIMENSIONS ARE IN INCHES. DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.	DECIMALS: X ± .1 ANGLES: MACHINED ± .5° XX ± .03 LOCATING ± .5° XXX ± .010 FORMED ± 2° CHAMFERS ± 5°	
INTERPRET DRAWING IAW ASME Y14.100-2017. INTERPRET DIM AND TOL IAW ASME Y14.5-2009.	DRILLED HOLE DIAMETERS: 0.135 - .125: +.004/-0.001 .256 - .250: +.005/-0.001 .251 - .500: +.006/-0.001 .501 - .750: +.008/-0.001 .751 - 1.000: +.010/-0.001 1.001 - 2.000: +.012/-0.001	ASSY, EJECTION SEAT, SJU-17
REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX.	DIMENSIONS APPLY BEFORE FINISH.	CENTER TUB
DIMENSIONS ARE IN INCHES. DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.	DESIGNED J. STEENSEN 04/28/2023 CHECKED DRAWN J. STEENSEN 04/28/2023	SIZE DWG NO D OH3A2-1 REV SCALE 1:4 DO NOT SCALE DWG SHEET 1/30

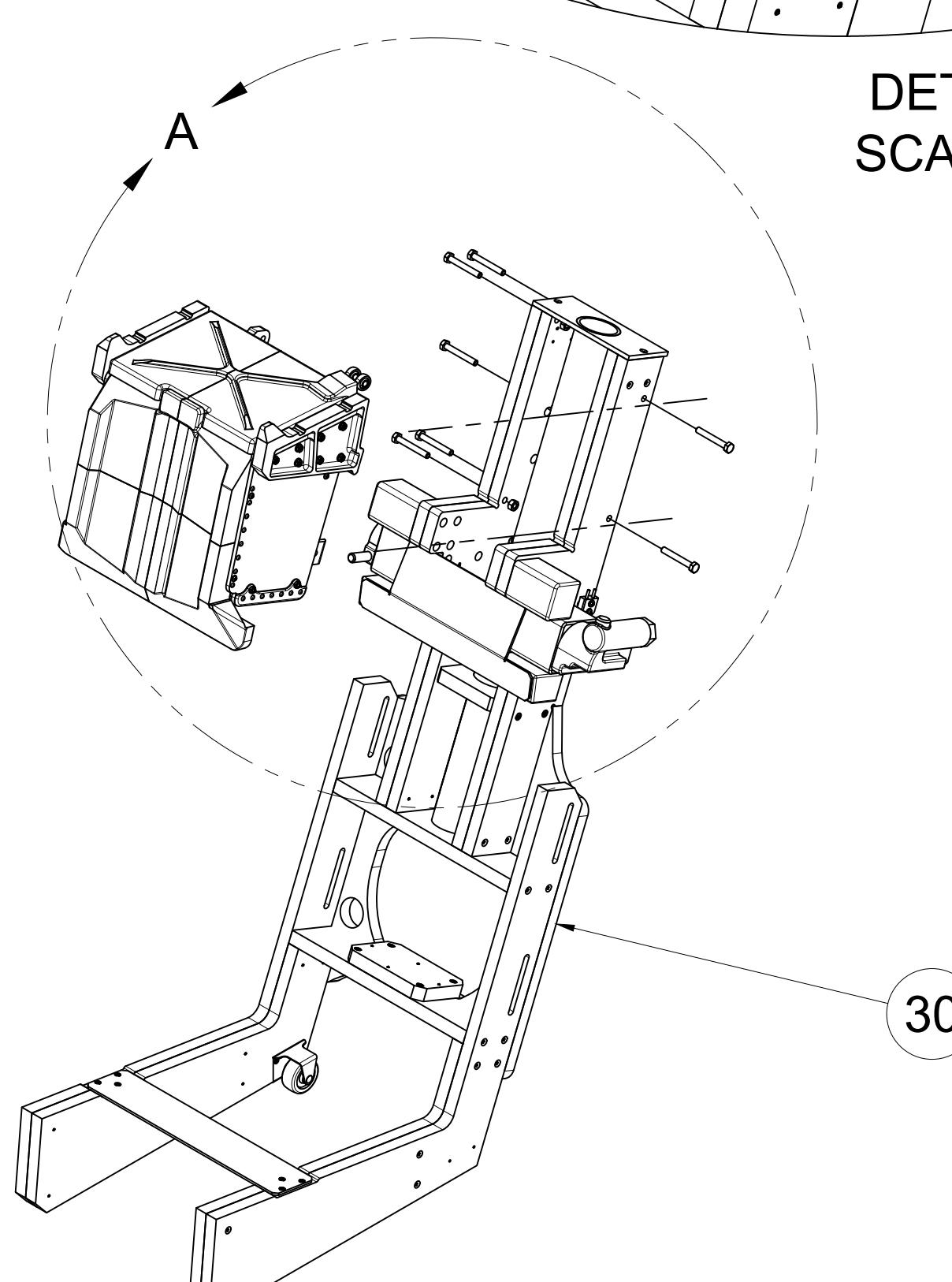
 OPEN HORNET
<https://www.OpenHornet.com>

8 7 6 5 4 3 2 1

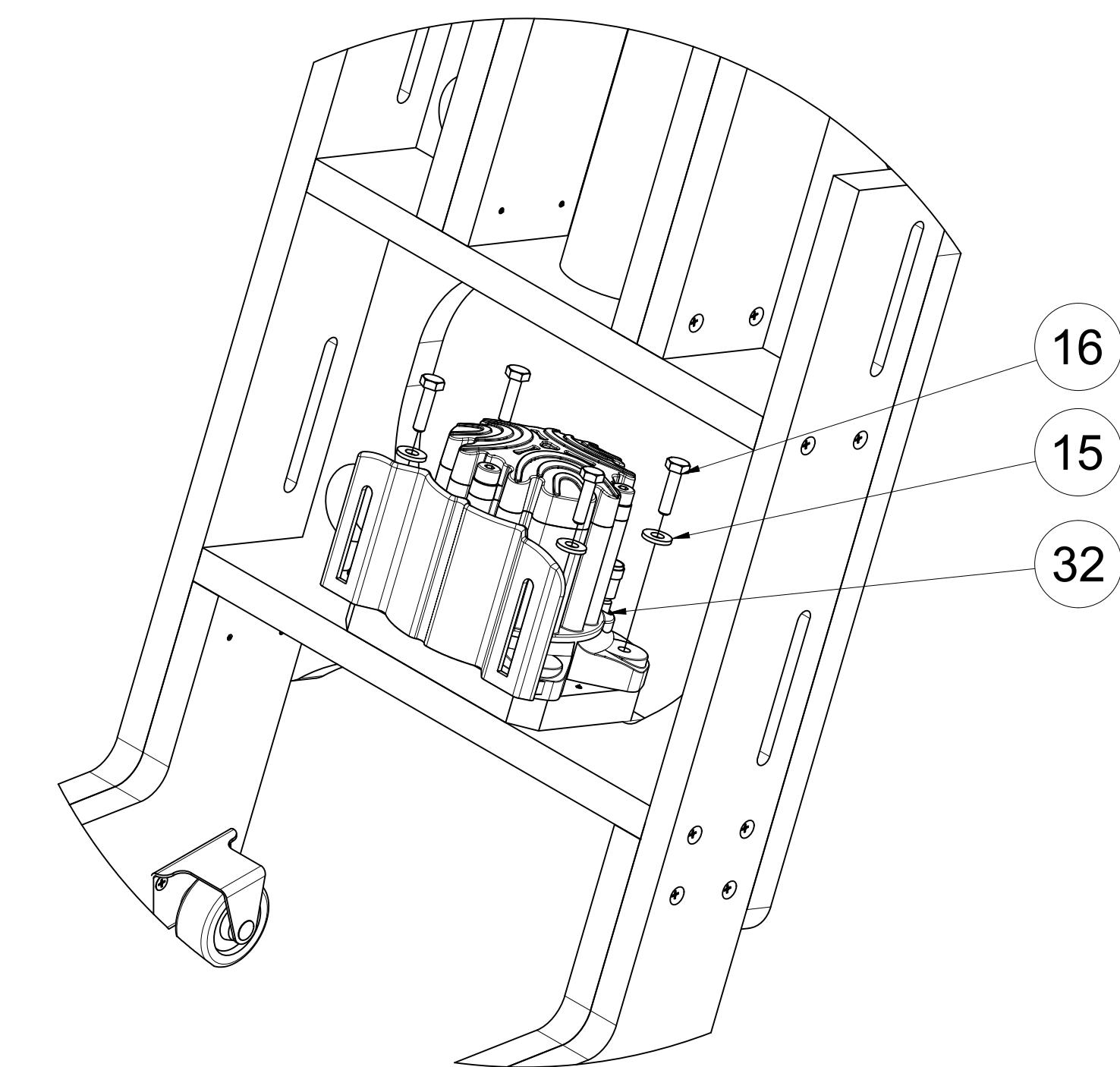
D



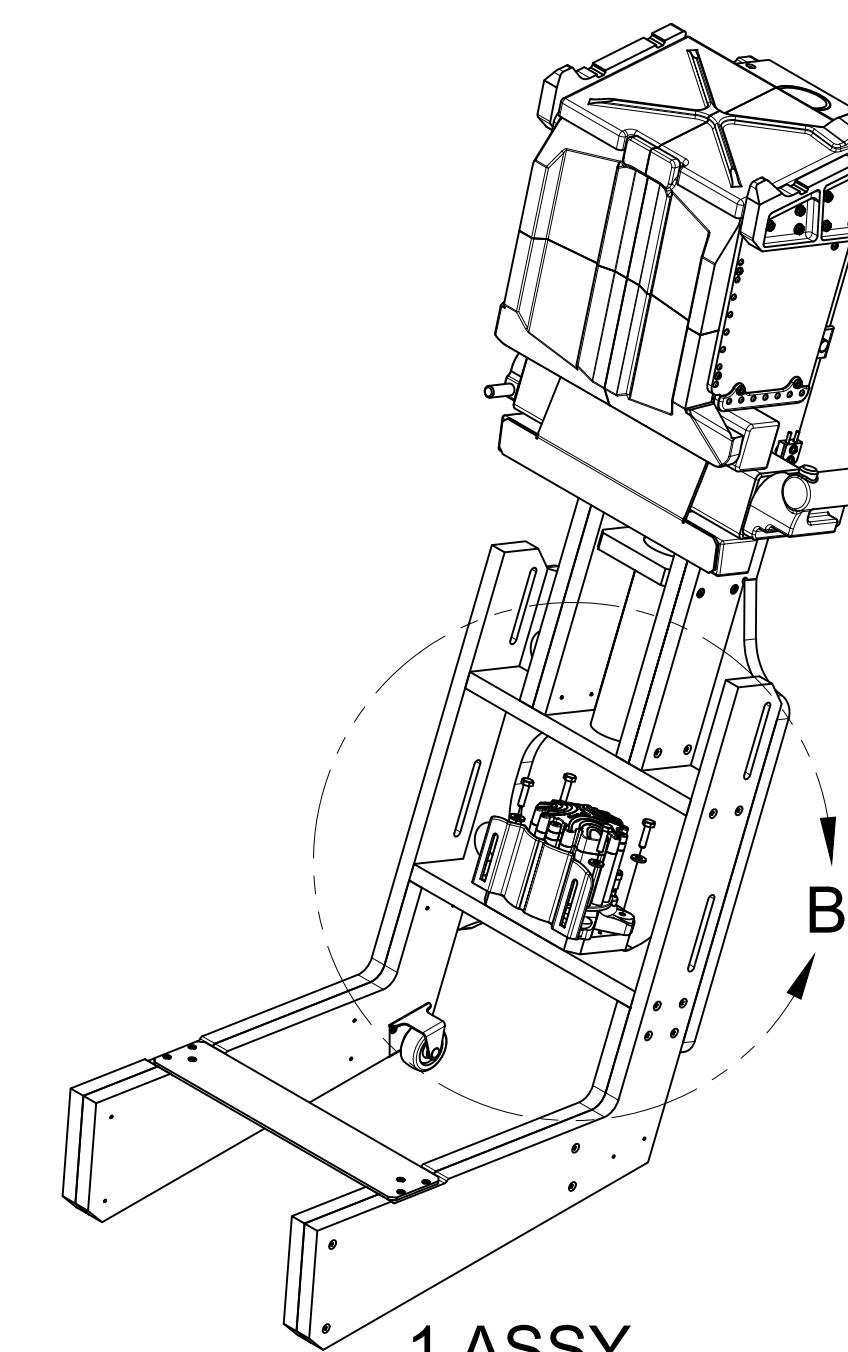
DETAIL A
SCALE 1:3



-1 ASSY
PARACHUTE
CONTAINER
(HEADREST)
INSTALLATION



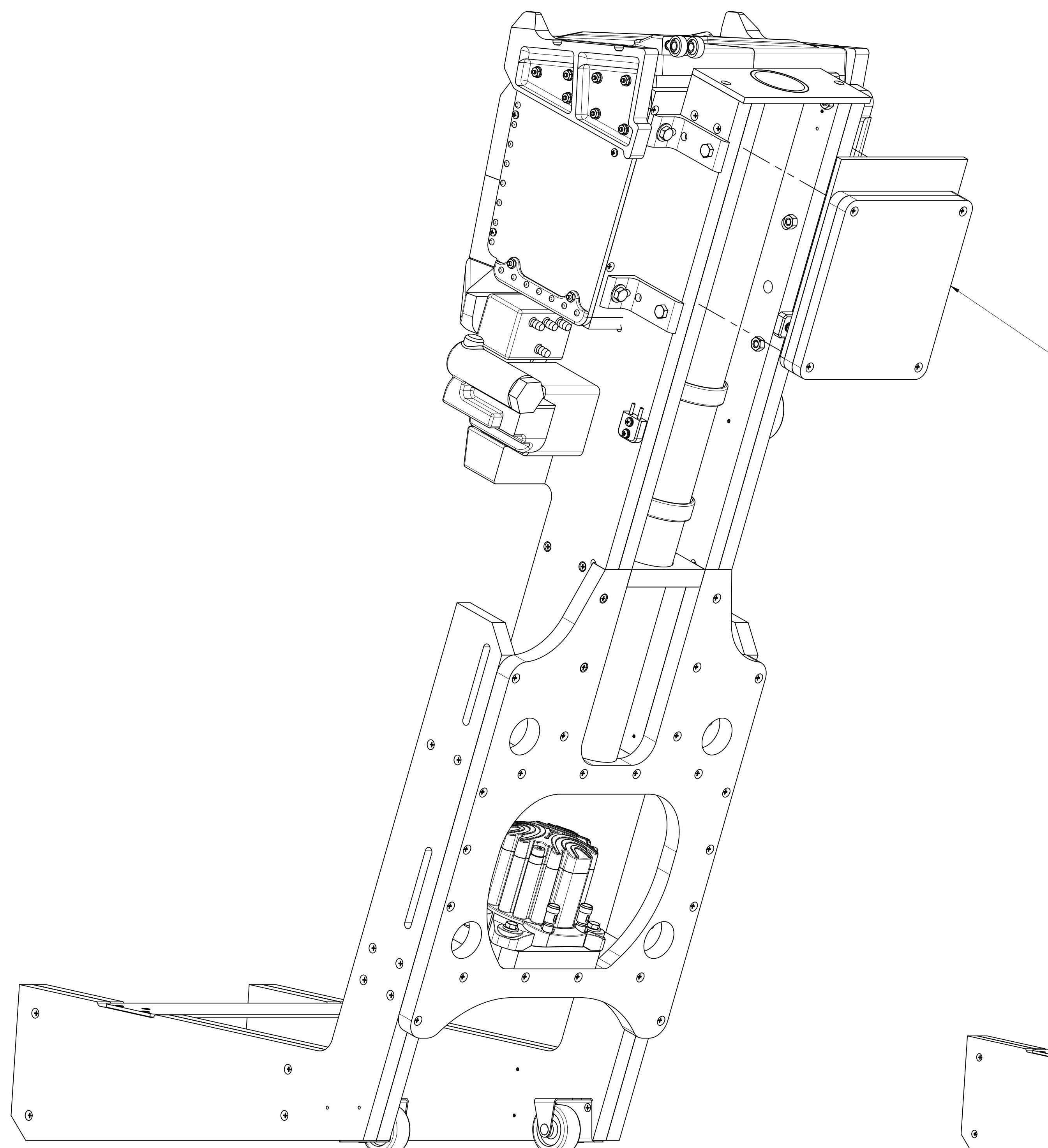
DETAIL B
SCALE 1:3



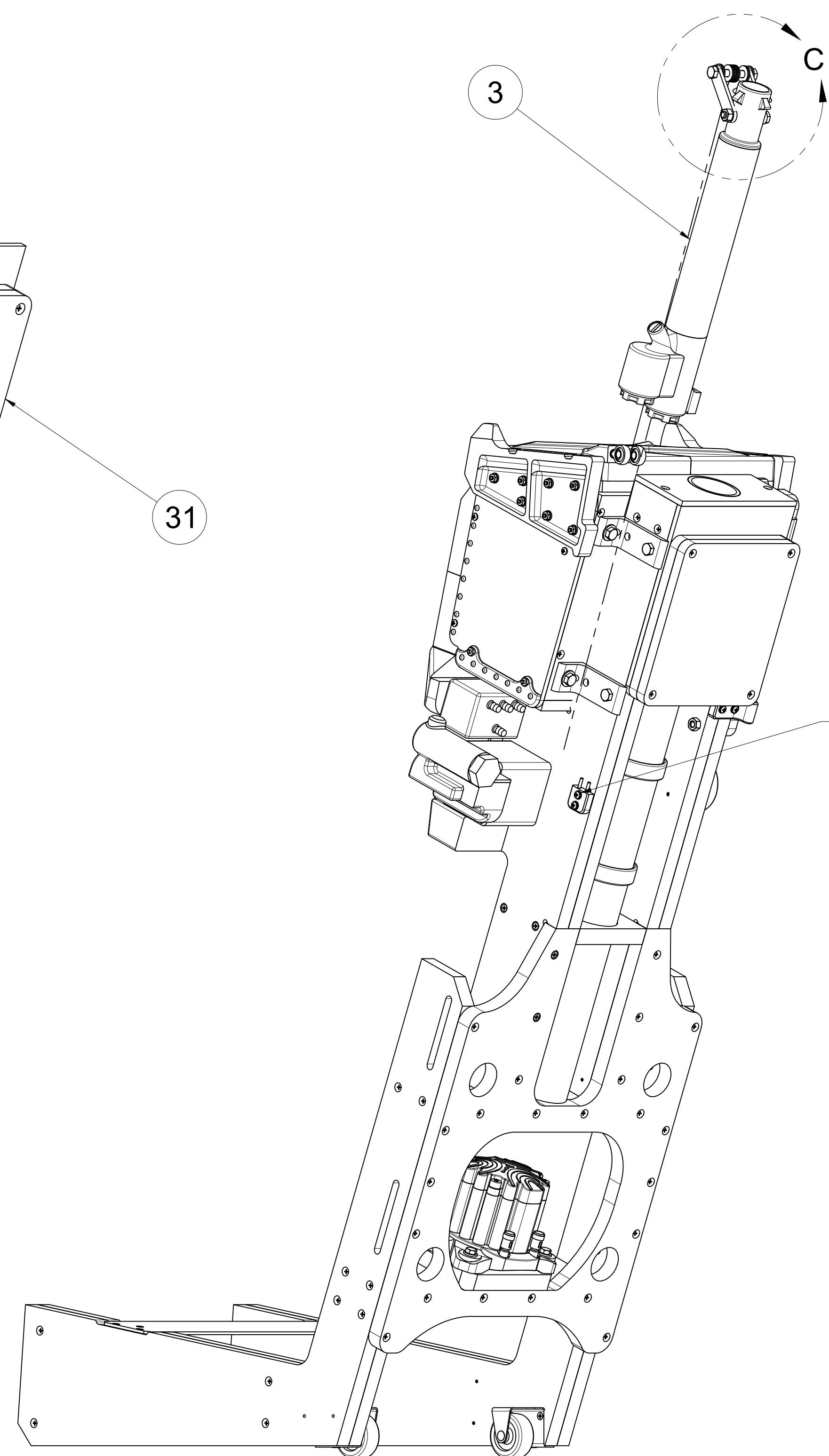
-1 ASSY
TRANSDUCER
(BUTTKICKER)
INSTALLATION

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

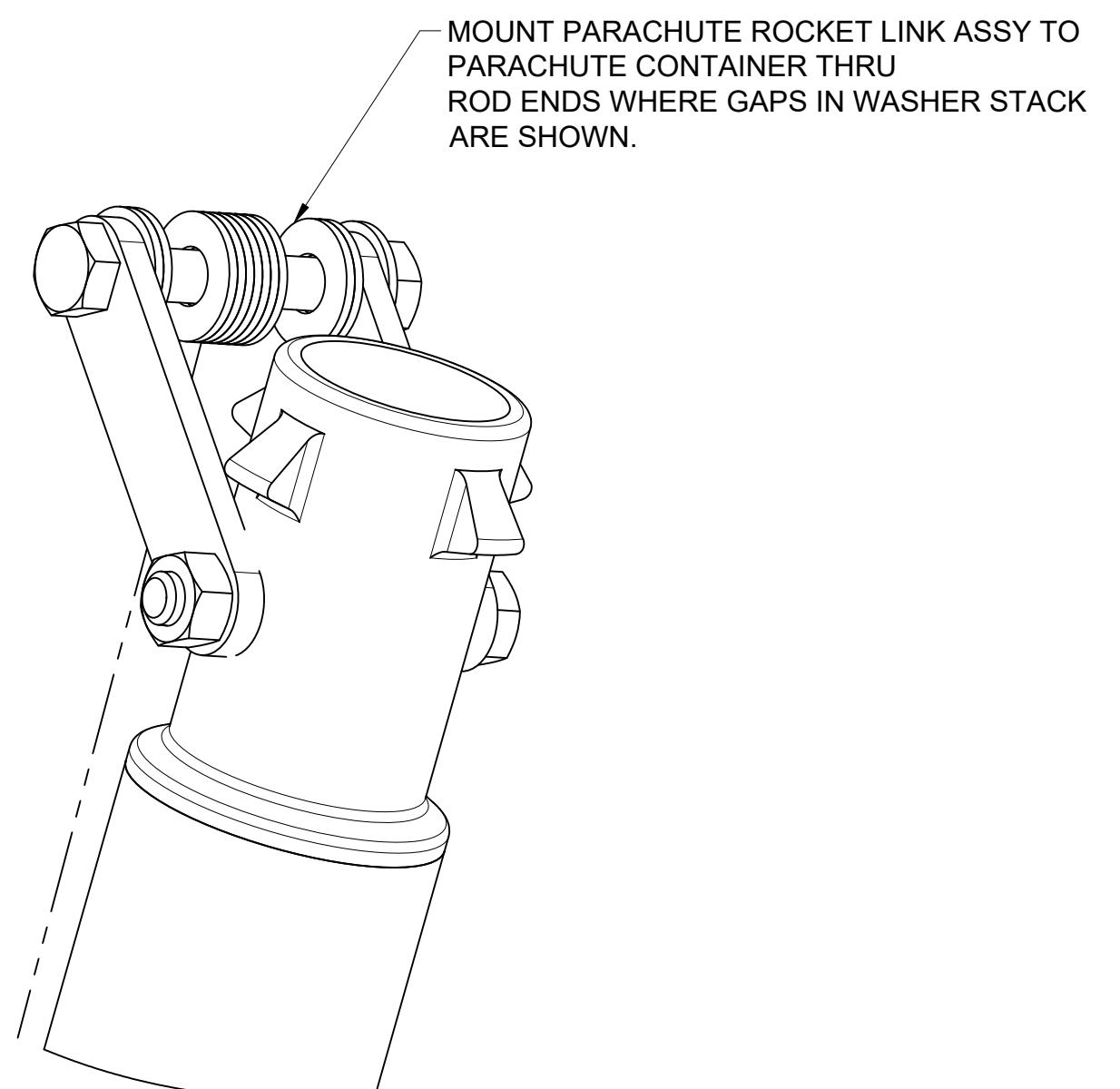
D



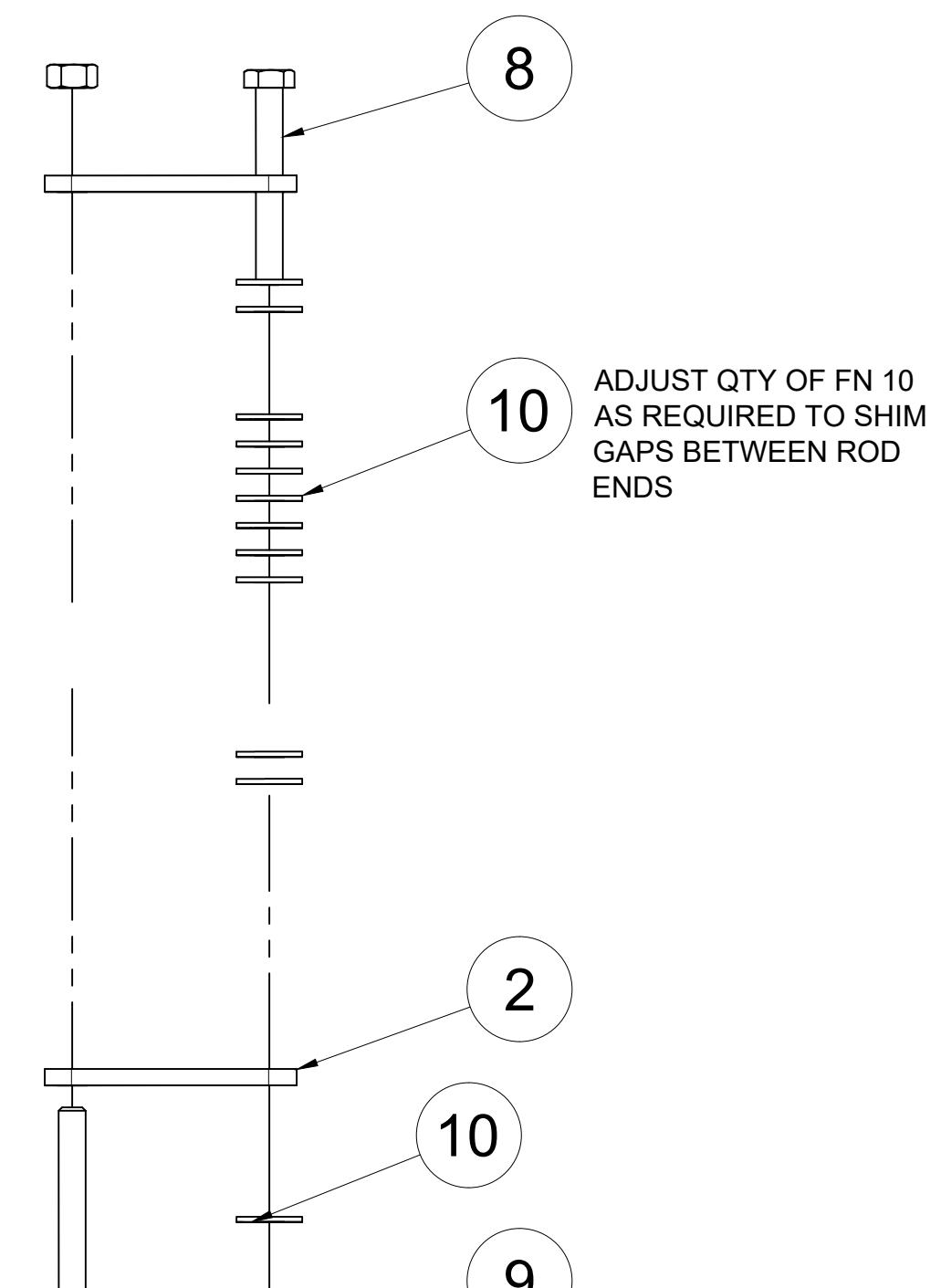
-1 ASSY
BRIDLE CONTAINER
COVER INSTALLATION



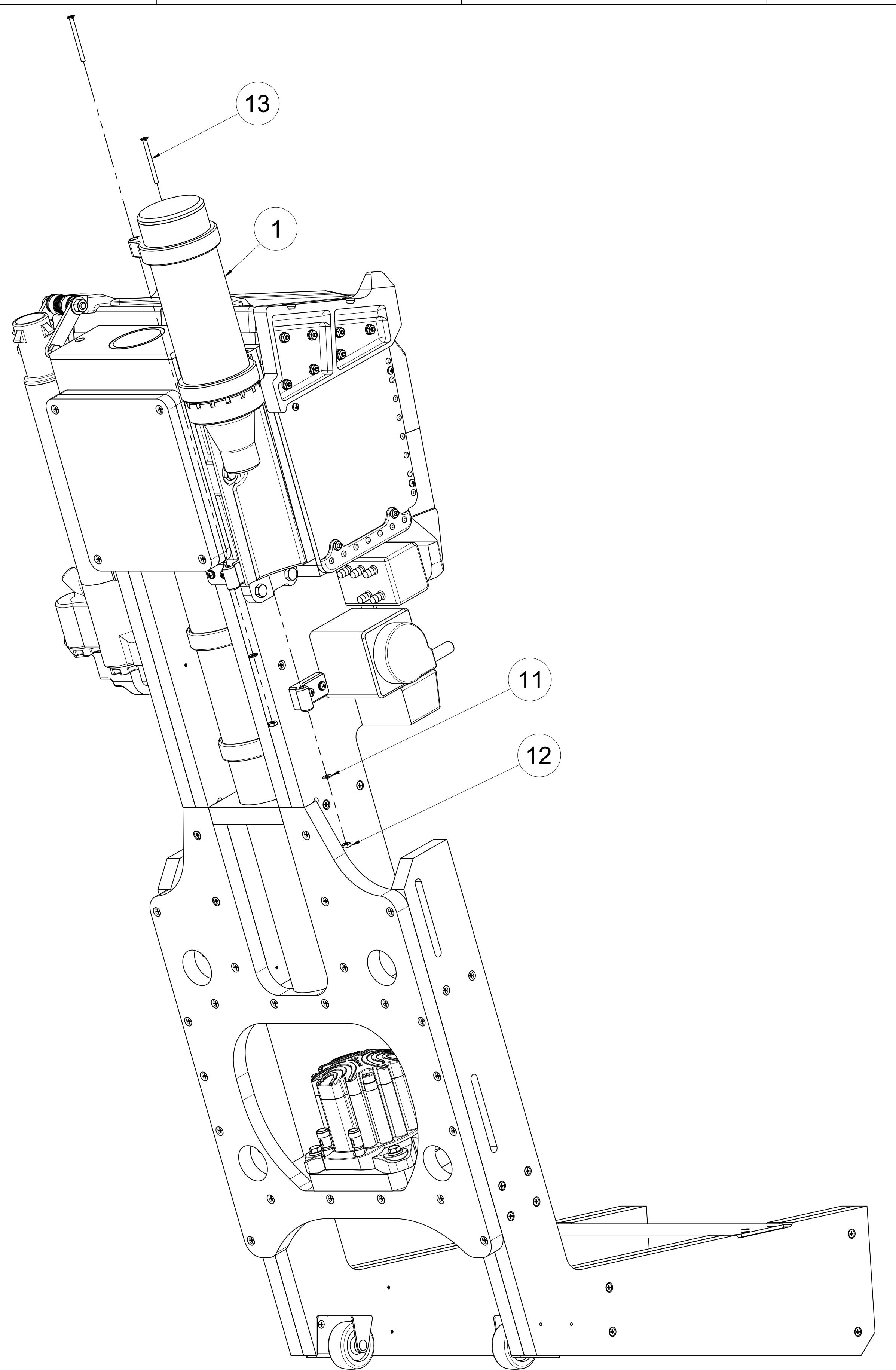
-1 ASSY
PARACHUTE
ROCKET
INSTALLATION



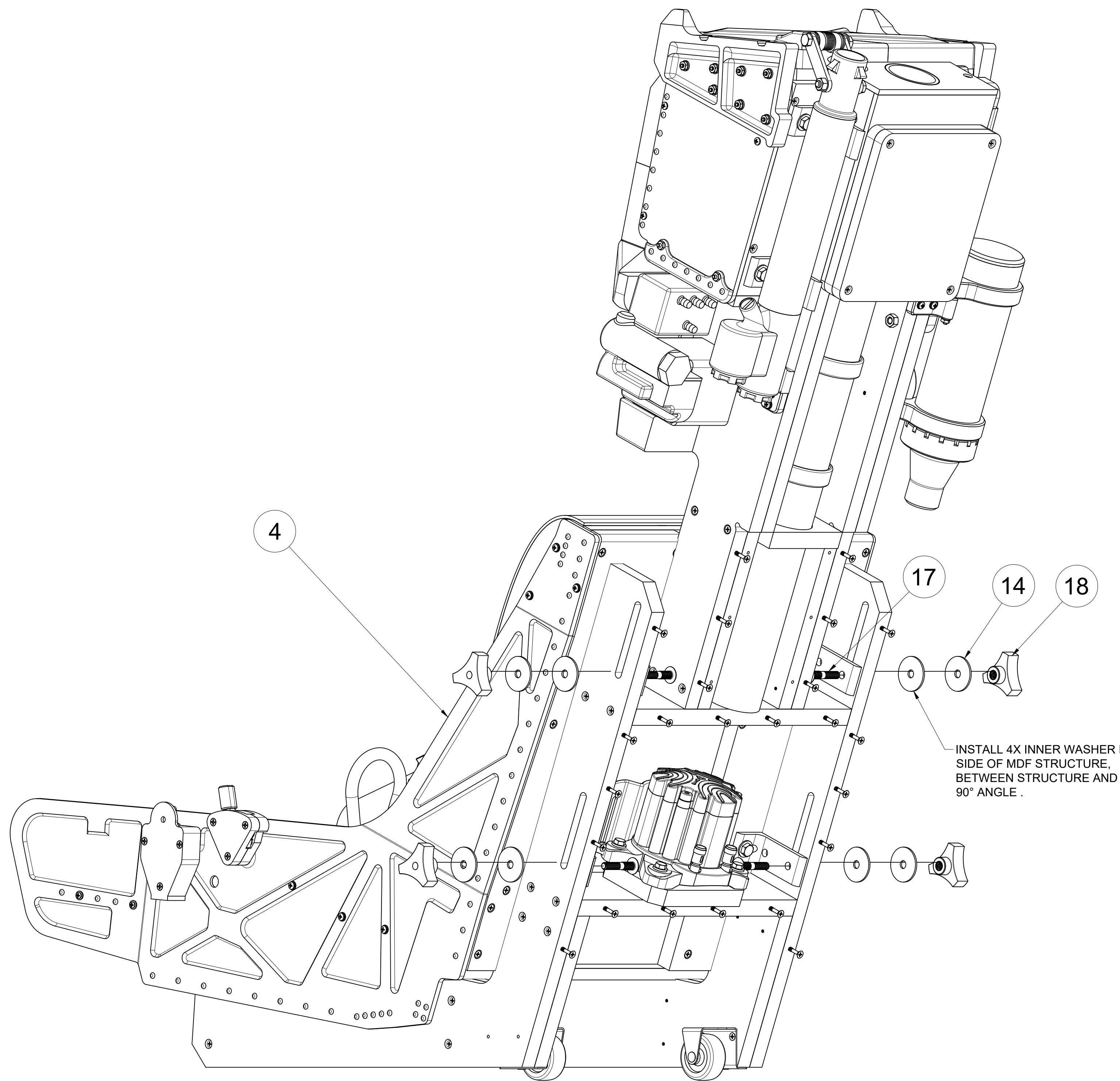
DETAIL C
SCALE 1:1



-1 ASSY
PARACHUTE
ROCKET LINK
ASSEMBLY



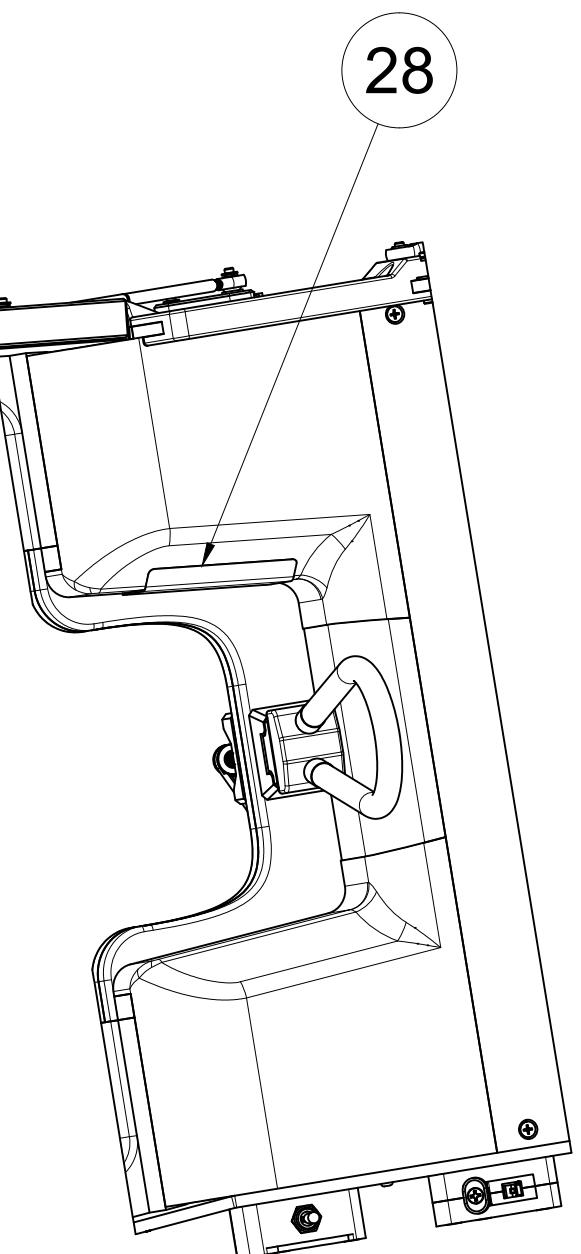
-1 ASSY
DROGUE PARACHUTE
CATAPULT INSTALLATION



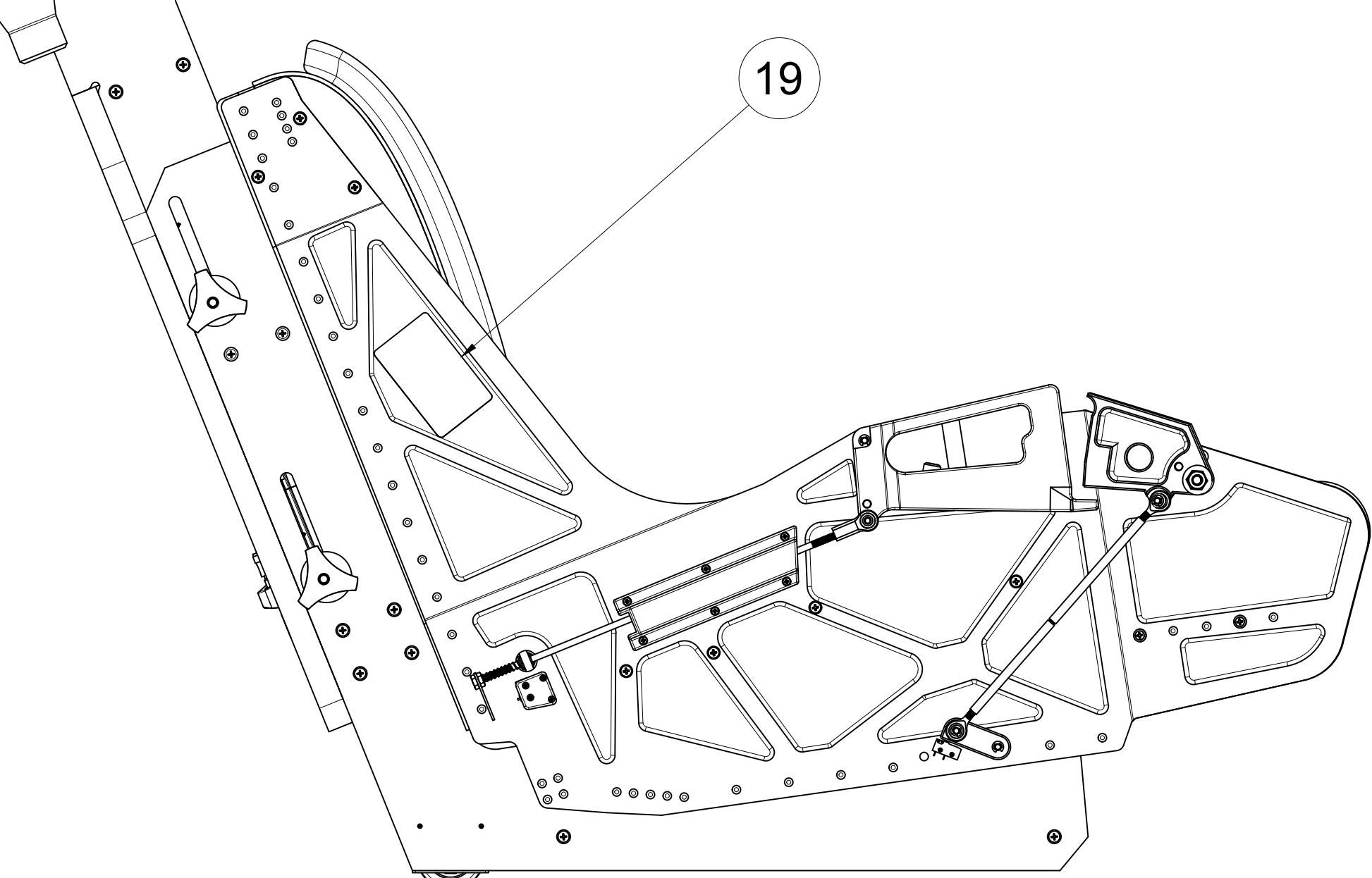
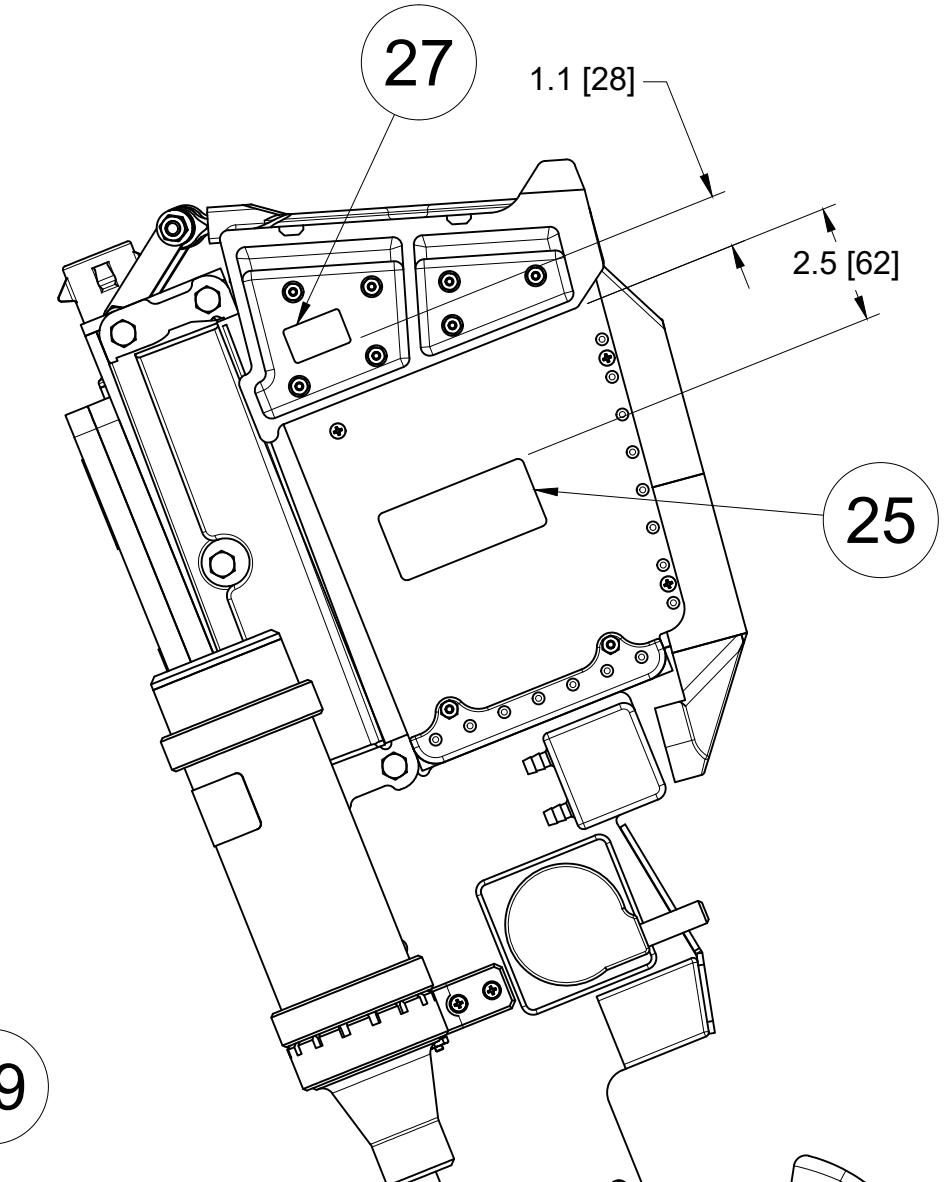
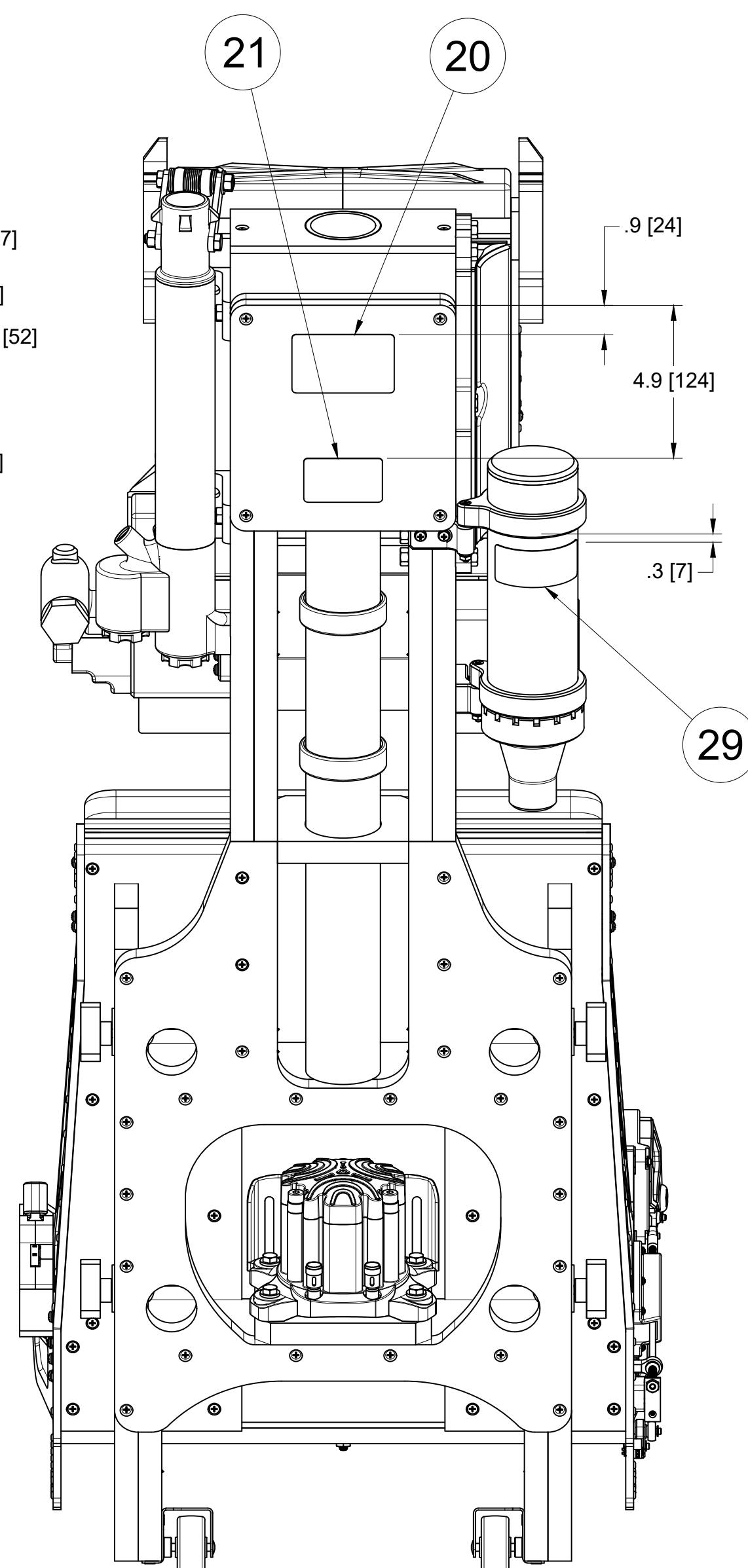
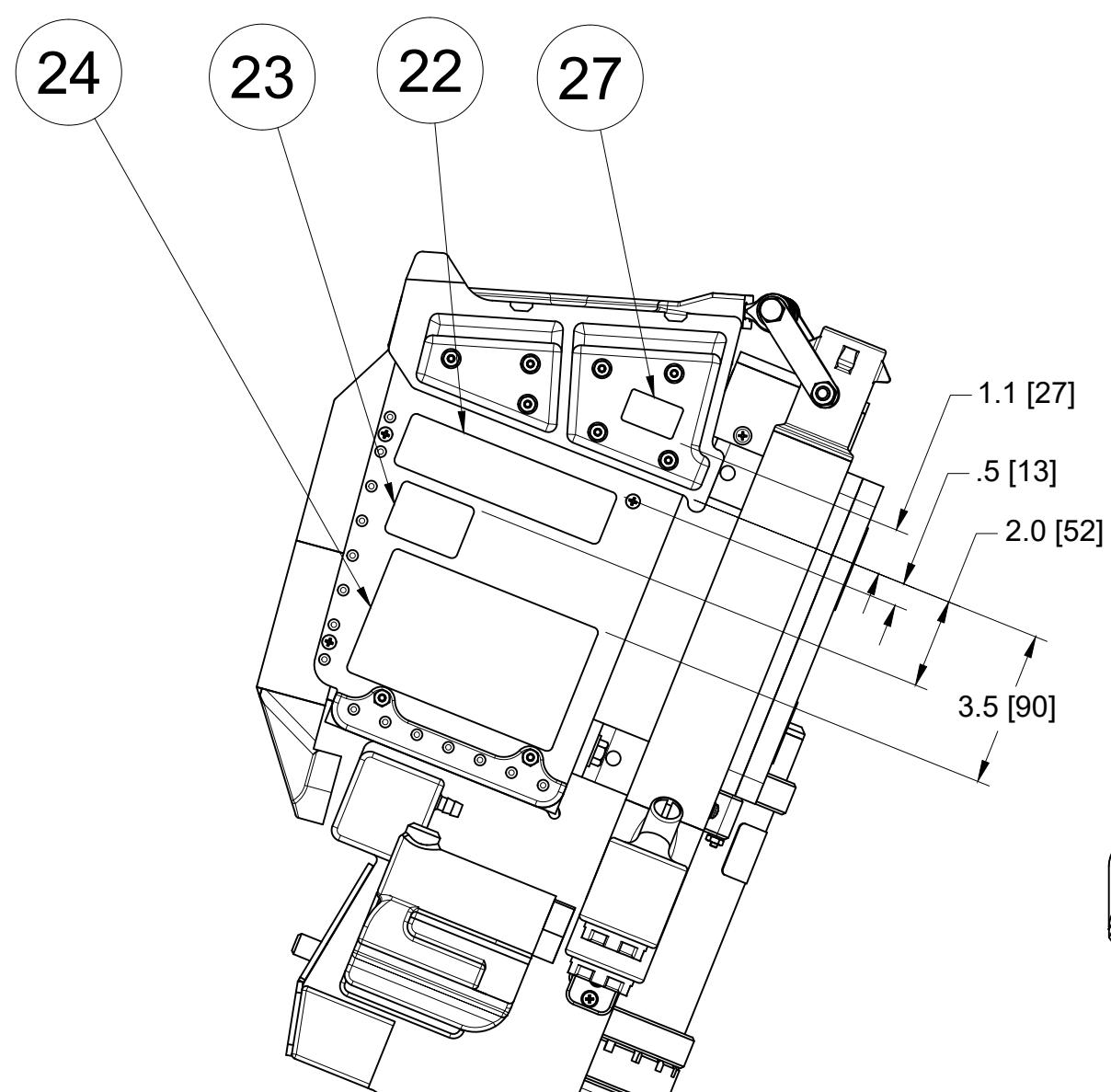
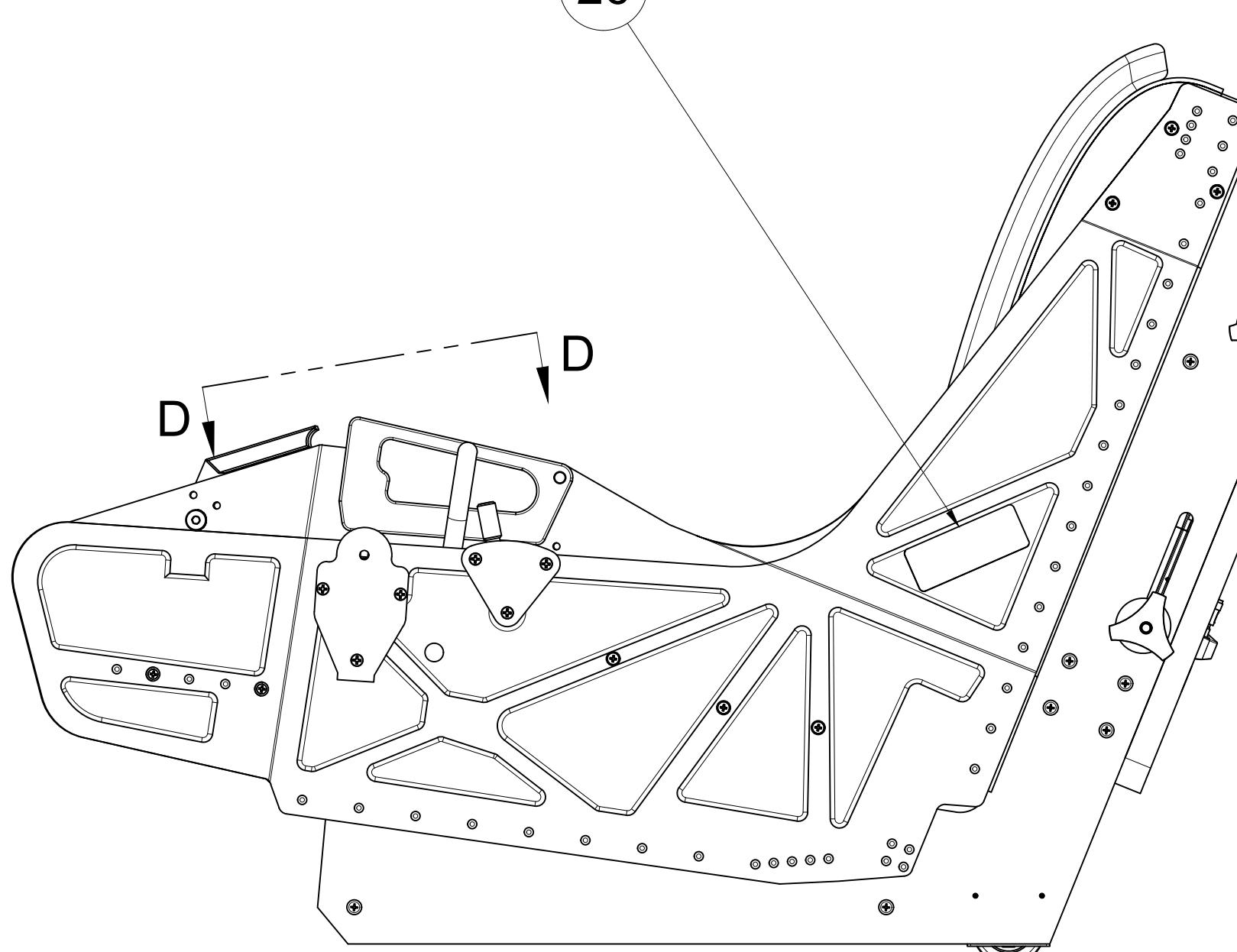
-1 ASSY
SEAT BUCKET
INSTALLATION
(REAR PLATE HIDDEN
FOR CLARITY)

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

D



SECTION D-D
SCALE 1:4



-1 ASSY
DECAL
INSTALLATION

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SIZE DWG NO
D

OH3A2-1

REV -

8

7

6

5

4

3

2

1

A

4

3

2

1

A

D

C

B

A

A

8 7 6 5 4 3 2 1

D

D

C

C

D

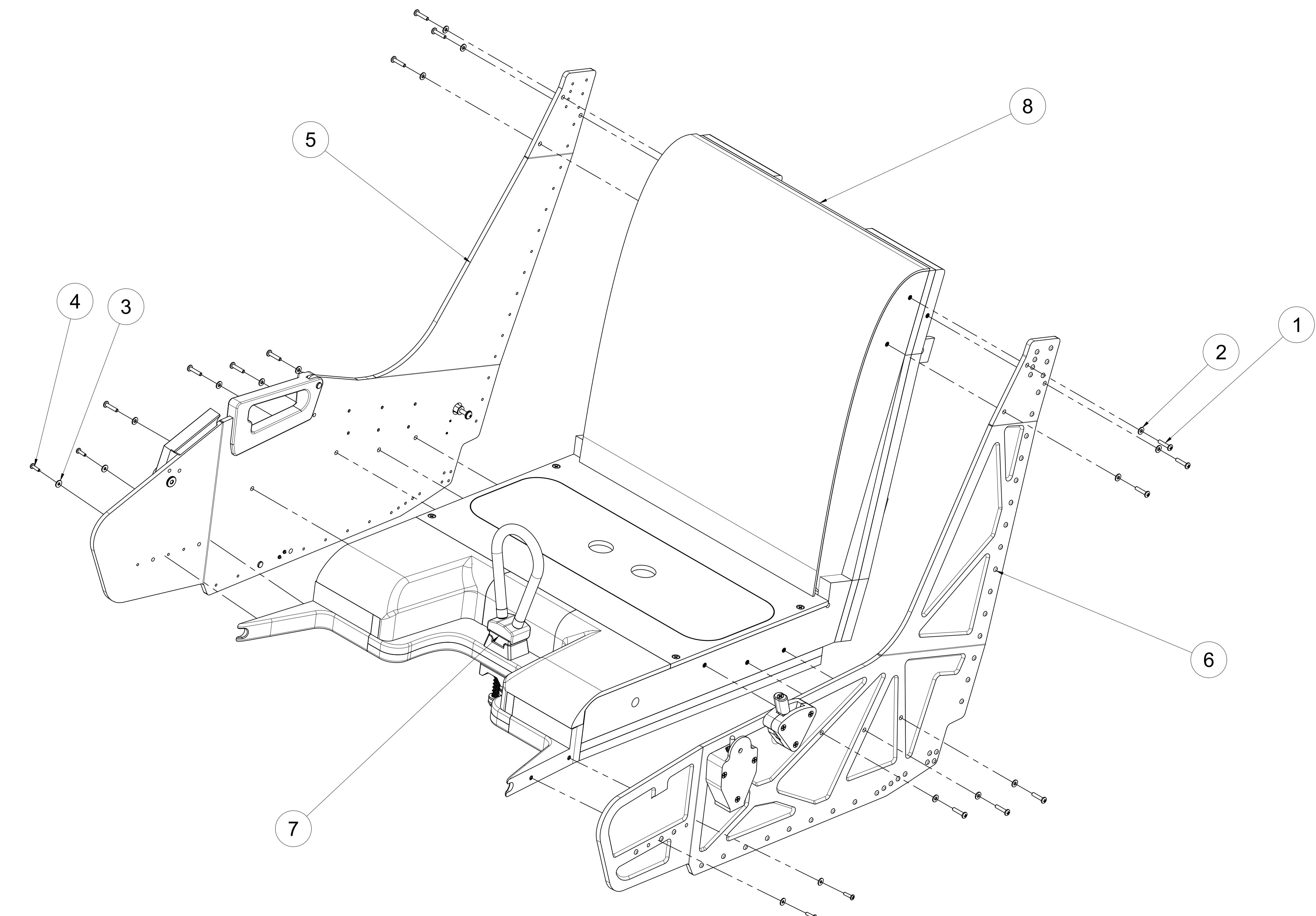
D

B

B

A

A



ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
8	1	OH3A2A-1000	ASSY, CENTER SEAT BUCKET	
7	1	OH3A2A-1300	ASSY, EJECTION HANDLE	
6	1	OH3A2A-1200	ASSY, LEFT SEAT BUCKET	
5	1	OH3A2A-1100	ASSY, RIGHT SEAT BUCKET	
4	4	91249A148	PHS, #6-32 X .50, 18-8, BLK	SS
3	4	96765A115	WASHER, #6 X .375 OD, 18-8, BLACK-OXIDE	SS
2	13	96765A120	WASHER, #8 X .375 OD, 18-8, BLACK	SS
1	13	91249A197	PHS, #8-32 X .750, 18-8, BLK	SS



8 7 6 5 4 3 2 1

D

D

C

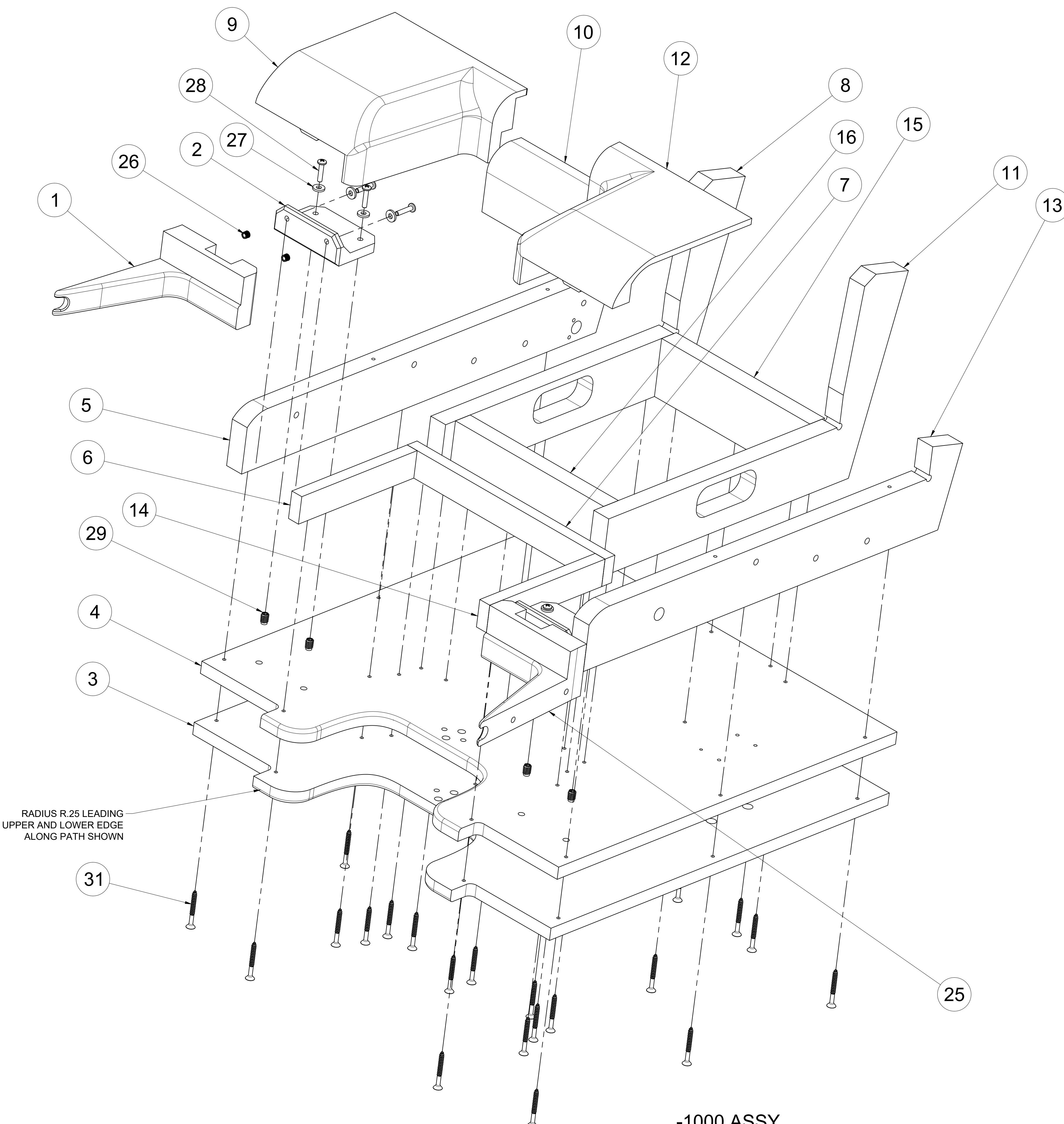
C

B

B

A

A



-1000 ASSY
SEAT PAN
ASSEMBLY

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
41	1	ABSISS001	ASSY, ABSIS ALE	N/A
40	4	94070A076	PHS, #2-56 X .1875, BRASS	BRS
39	4	91780A035	STANDOFF, #2-56 X 1.50, .1875 HEX, FEMALE, 6061	ALU
38	4	91249A060	PHS, #2-56 X .625, 18-8, BLK	SS
37	4	92673A119	NUT, .3125-18, 18-8	SS
36	4	90377A165	WASHER, .3125 X 1.50 OD, 18-8, BLK	SS
35	4	92198A692	HHCS, .3125-18 X 2.25, PART THD, 18-8	SS
34	4	96765A145	WASHER, .3125 X .750 X .05 THK, 18-8, BLK	SS
33	4	4280-BLACK	BRACKET, SLOTTED, INSIDE CORNER	ALU
32	22	90252A118	FHWS, 82DEG, #8 X 2.00, STEEL, BLK, FOR MDF	STL
31	29	90252A115	FHWS, 82DEG, #8 X 1.50, STEEL, BLK, FOR MDF	STL
30	4	93365A130	INSERT, 6-32, BRASS, FOR PLASTIC	BRS
29	17	92105A660	INSERT, 8-32, SELF TAPPING, FOR SOFTWOOD	ZINC
28	8	91249A197	PHS, #8-32 X .750, 18-8, BLK	SS
27	8	98023A113	WASHER, #8, STEEL, ZINC	STL
26	4	93365A140	INSERT, 8-32, BRASS, FOR PLASTICS	BRS
25	1	OH3A2A-147	LEFT KNEE GUARD SUPPORT	PETG
24	1	OH3A2A-123	LEFT SEAT BACK DOUBLER PLATE	MDF
23	1	OH3A2A-124	SEAT BACK SKIN	N/A
22	1	OH3A2A-122	RIGHT SEAT BACK DOUBLER PLATE	MDF
21	2	OH3A2A-121	SEAT BACK RIB B	MDF
20	2	OH3A2A-120	SEAT BACK RIB A	MDF
19	1	OH3A2A-119	SEAT BACK BASE	MDF
18	1	OH3A2A-138	ACCESS PANEL, SEAT PAN	MDF
17	1	OH3A2A-117	SEAT PAN TOP	MDF
16	1	OH3A2A-116	FWD SEAT PAN TOP SUPPORT	MDF
15	1	OH3A2A-115	REAR UPPER SEAT PAN SUPPORT	MDF
14	1	OH3A2A-112	UPPER SEAT PAN DETAIL E	MDF
13	1	OH3A2A-110	LEFT OUTBOARD UPPER SEAT PAN LONGERON	MDF
12	1	OH3A2A-108	LEFT THIGH SUPPORT	PETG
11	1	OH3A2A-107	LEFT INBOARD UPPER SEAT PAN LONGERON	MDF
10	1	OH3A2A-109	FWD UPPER SEAT PAN TRIM	PETG
9	1	OH3A2A-108	RIGHT THIGH SUPPORT	PETG
8	1	OH3A2A-107	RIGHT INBOARD UPPER SEAT PAN LONGERON	MDF
7	1	OH3A2A-106	UPPER SEAT PAN DETAIL C	MDF
6	1	OH3A2A-105	UPPER SEAT PAN DETAIL B	MDF
5	1	OH3A2A-103	RIGHT OUTBOARD UPPER SEAT PAN LONGERON	MDF
4	1	OH3A2A-102	UPPER SEAT BASE	MDF
3	1	OH3A2A-101	SEAT BASE	MDF
2	2	OH3A2A-141	KNEE GUARD SUPPORT BRACKET	PETG
1	1	OH3A2A-140	RIGHT KNEE GUARD SUPPORT	PETG

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D
DWG NO
REV

OH3A2A-1000
SCALE 1:2

SHEET 7/30

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

D

D

C

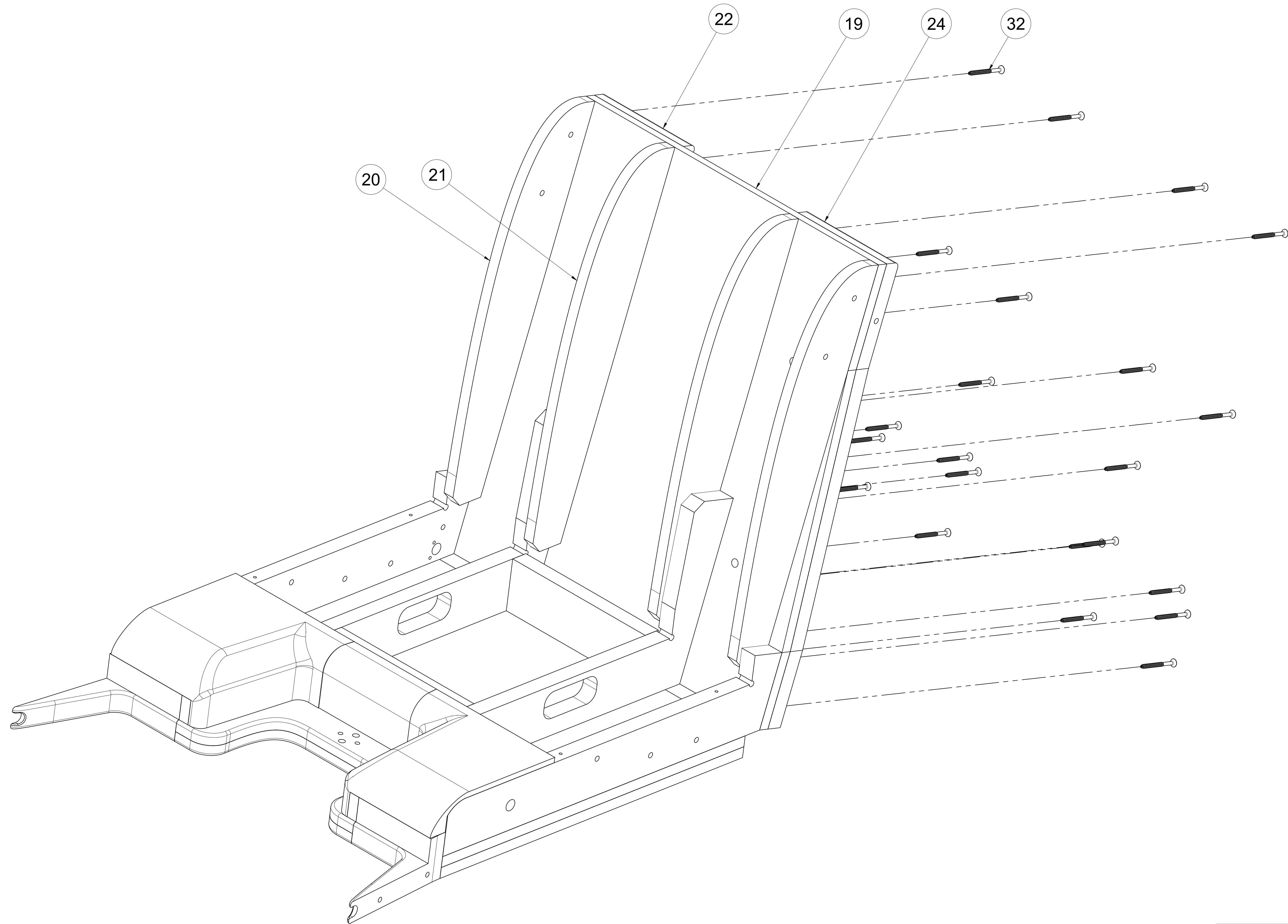
C

B

B

A

A



-1000 ASSY
SEAT BACK
ASSEMBLY

 OPEN HORNET
<https://www.OpenHornet.com>



SIZE

D

DWG NO

OH3A2A-1000

REV

-

SCALE 1:2

SHEET 8/30

8

7

6

5

4

3

2

1

8 7 6 5 4 3 2 1

D

D

C

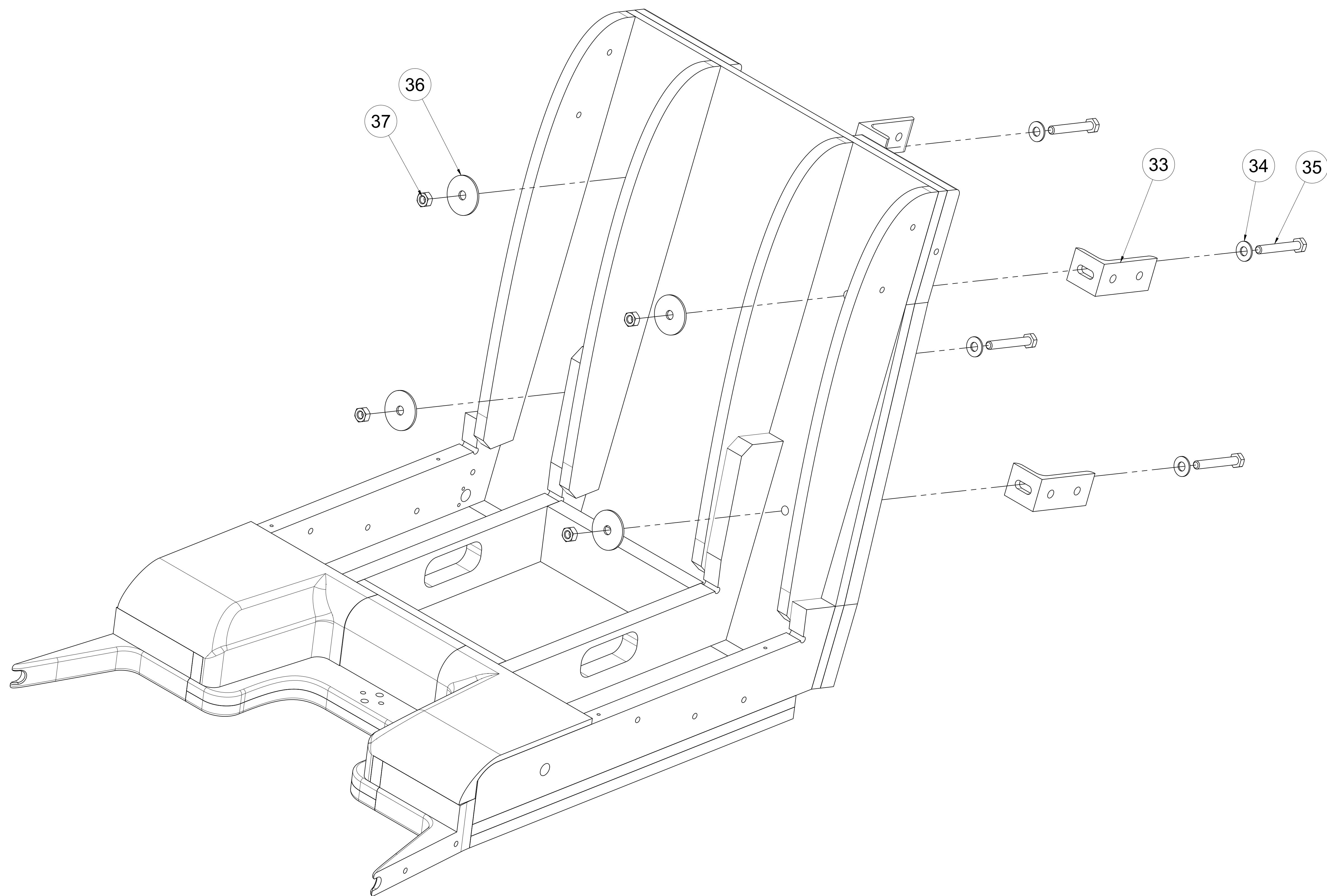
C

B

B

A

A



-1000 ASSY
SEAT BACK
ASSEMBLY

8 7 6 5 4 3 2 1

D

D

C

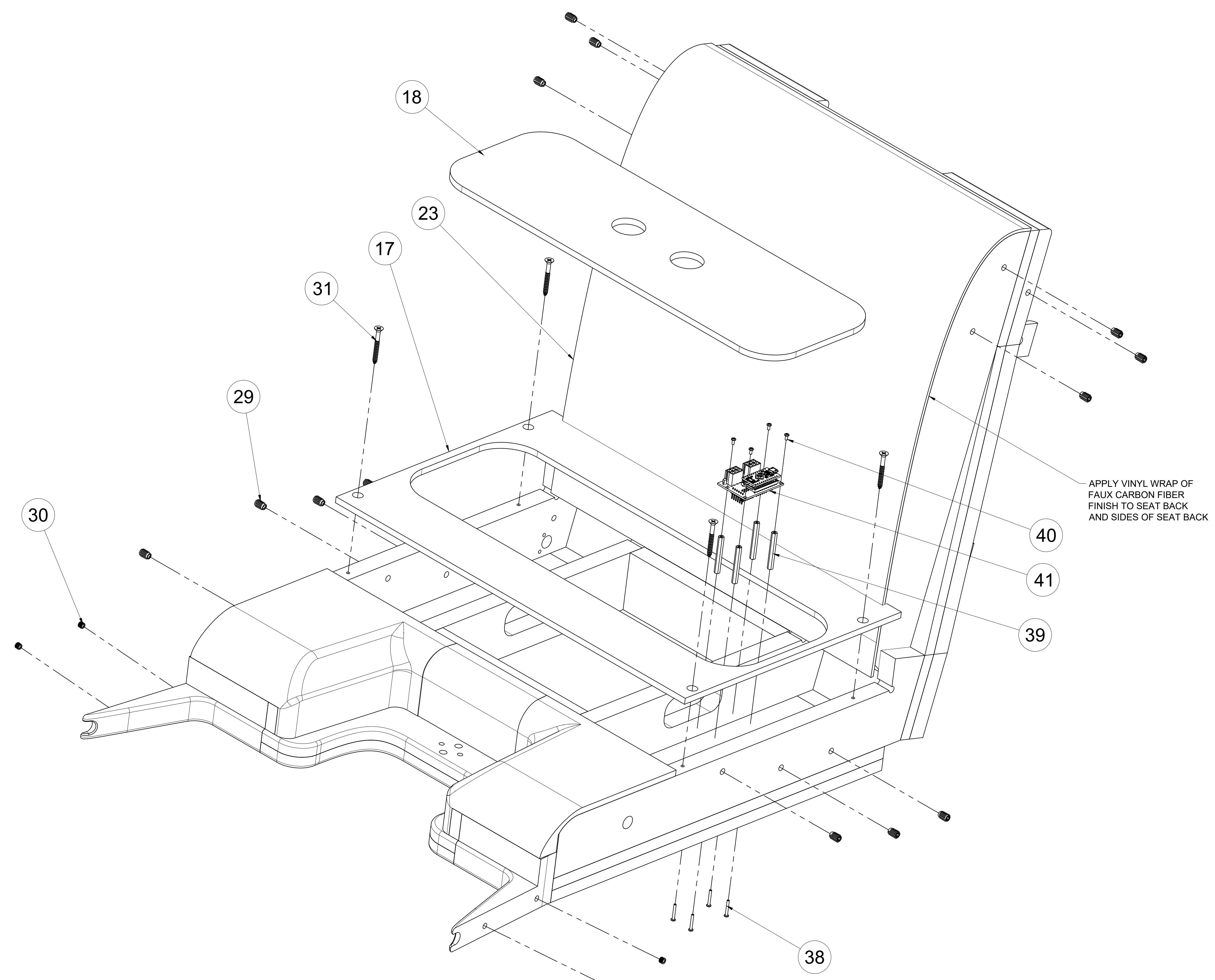
C

B

B

A

A



-1000 ASSY
THREADED INSERT,
ABSIS, AND SEAT
BUCKET SKIN
INSTALLATION

D

D

C

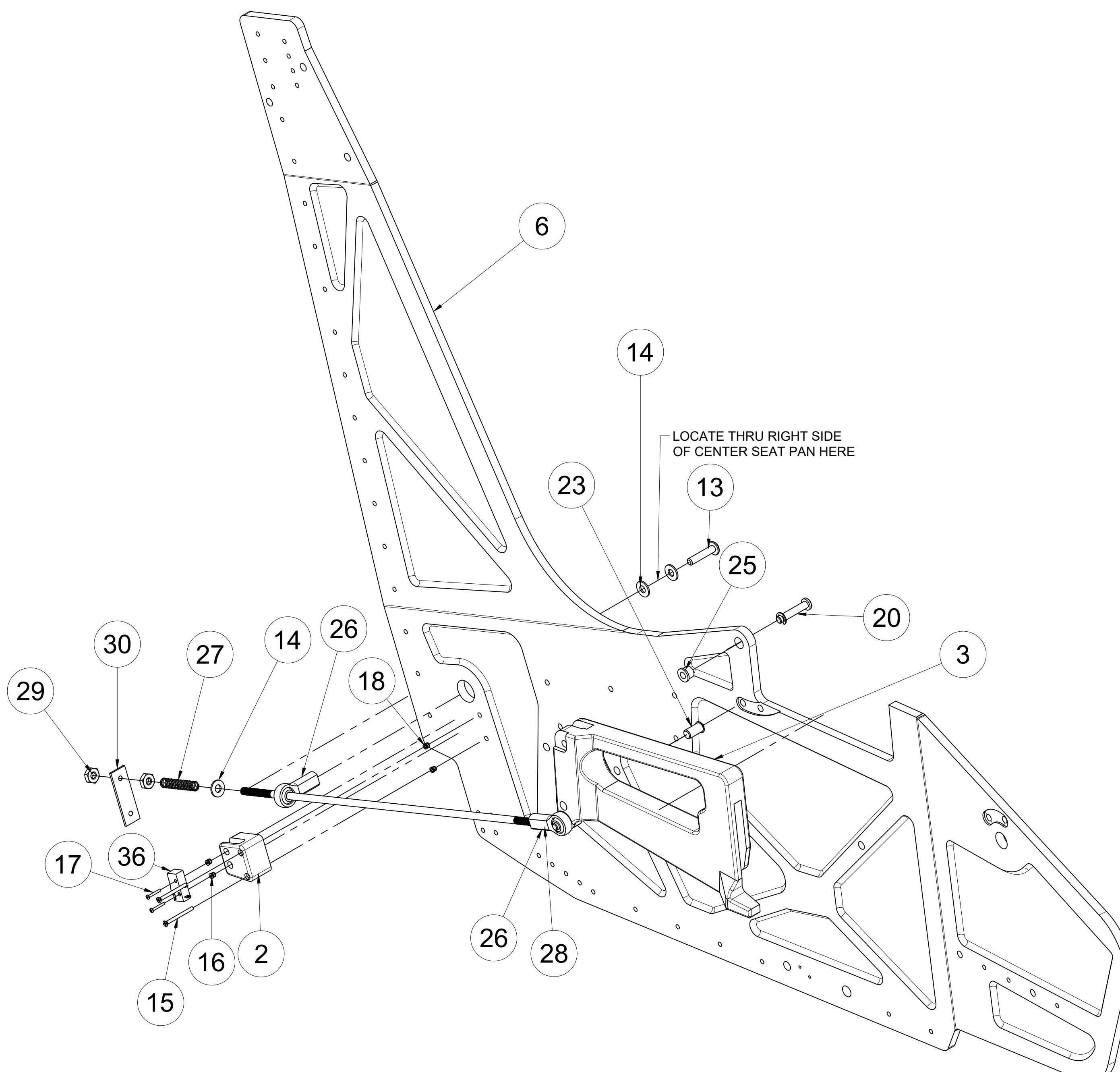
C

B

B

A

A



-1100 ASSY
SEAT HARNESS
MANUAL OVERRIDE
HANDLE
INSTALLATION

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
36	2	7658K17	SWITCH, LIMIT, SUBMINIATURE, SNAP-ACTING, SPST	N/A
35	1	90322A639	ROD, THREADED, 10-32 X 1.0, STEEL	STL
34	1	93330A554	STANDOFF, #10-32 X 3.50, .25 OD, FEMALE, ALUMINUM	ALU
33	1	93330A564	STANDOFF, #10-32 X 4.00, .25 OD, FEMALE, ALUMINUM	ALU
32	1	60645K111 (RH)	ROD END, BALL JOINT, 10-32 X .750 X .3125 ID, RH, STEEL	STL
31	1	60645K111 (LH)	ROD END, BALL JOINT, 10-32 X .750 X .3125 ID, STEEL	STL
30	1	1394A230	BRACKET, FLAT, 1.5 X 0.5 X .06, 2X #5 HOLE, STEEL	STL
29	2	90480A195	NUT, #10-32, THIN, STEEL	STL
28	1	6516K120	ROD, CONNECTING, 10-32 X 1.1875, 12 OAL, STEEL	STL
27	1	9657K328	SPRING, COMPRESSION, .198 ID X .25 OD X 1.250AL X .32 CL, STEEL, 5.7LBS-IN FORCE	STL
26	2	60645K311	ROD END, BALL JOINT, 10-32 FEMALE X .3125 ID, STEEL, ZINC	STL
25	2	6294K432	BEARING, SLEEVE, .3125 OD X .25 L X .375 FLANGE, NYLON	NYL
24	1	6627K412	BEARING, SLEEVE, .4698 OD X .25 L X .6875 FLANGE OD X .375 SHFT, PEEK	PEEK
23	2	84835A23	SPRING PLUNGER, BALL-NOSE, PRESS-FIT, 0.25 IN DIA, 6-13 LB FORCE	
22	1	92673A119	NUT, .3125-18, 18-8	SS
21	1	90969A310	SCREW, ULTRA LOW PROFILE SHOULDER, .375 X .50 L X .3125-18 X .50	STL
20	1	92735A610	GROOVED CLEVIS PIN, .3125 OD X .875 UL X 1.0 OAL, STEEL	STL
19	4	92735A605	GROOVED CLEVIS PIN, .3125 OD X .625 UL X .75 OAL, STEEL	STL
18	2	93365A110	INSERT, 2-56, BRASS, FOR PLASTIC	BRS
17	2	91772A064	PHS, #0-80 X 0.4375, 18-8	SS
16	2	93365A102	INSERT, 0-80, BRASS, FOR PLASTICS	BRS
15	2	91771A140	FHS, 82DEG, #2-56 X 1.00, 18-8	SS
14	4	92141A011	WASHER, #10 X .438 OD, 18-8	SS
13	1	90272A832	PHS, #10-32 X .875, STEEL	STL
12	2	91772A060	PHS, #0-80 X 0.625, 18-8	SS
11	2	92671A115	NUT, #0-80, BRASS	BRS
10	6	93365A120	INSERT, 4-40, BRASS, FOR PLASTICS	BRS
9	6	91249A111	PHS, #4-40 X .50, 18-8, BLK	SS
8	6	90618A200	WASHER, #4 X .250, 18-8, BLACK OXIDE, MS15795-803B	SS
7	40	91654A144	SCREW NAIL, DOMED, .14 X .25 SHANK X .25 HD DIA, 18-8	SS
6	1	OH3A2A-125	RIGHT SEAT BUCKET SKIN	MDF
5	1	OH3A2A-133	SEAT ARMING LEVER	PETG
4	1	OH3A2A-137	CRANK ARM, SEAT ARMING LEVER	PETG
3	1	OH3A2A-132	MANUAL OVERRIDE HANDLE	PETG
2	1	OH3A2A-134	MANUAL OVERRIDE HANDLE SWITCH MOUNT	PETG
1	1	OH3A2A-135	MANUAL OVERRIDE HANDLE MECHANISM GUARD	PETG

 OPEN HORNET
<https://www.OpenHornet.com>

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

D

This technical drawing provides an exploded view of a mechanical assembly, possibly a sled or a similar transport device. The diagram illustrates the following components and their part numbers:

- Part 1: A long, thin vertical beam.
- Part 2: A horizontal beam connecting two vertical beams.
- Part 3: A vertical support beam.
- Part 4: A small circular component.
- Part 5: A vertical beam.
- Part 6: A horizontal beam.
- Part 7: A vertical beam.
- Part 8: A horizontal beam.
- Part 9: A vertical beam.
- Part 10: A horizontal beam.
- Part 11: A bolt or screw.
- Part 12: A small circular component.
- Part 13: A horizontal beam.
- Part 14: A small circular component.
- Part 15: A vertical beam.
- Part 16: A horizontal beam.
- Part 17: A vertical beam.
- Part 18: A horizontal beam.
- Part 19: A vertical beam.
- Part 20: A horizontal beam.
- Part 21: A vertical beam.
- Part 22: A horizontal beam.
- Part 23: A vertical beam.
- Part 24: A horizontal beam.
- Part 25: A vertical beam.
- Part 26: A horizontal beam.
- Part 27: A vertical beam.
- Part 28: A horizontal beam.
- Part 29: A vertical beam.
- Part 30: A horizontal beam.
- Part 31: A vertical beam.
- Part 32: A horizontal beam.
- Part 33: A vertical beam.
- Part 34: A horizontal beam.
- Part 35: A vertical beam.
- Part 36: A horizontal beam.

The diagram also includes a separate group of six bolts or screws located in the top right corner.

-1100 ASSY SEAT ARMING LEVER INSTALLATION

**IT IS RECOMMENDED
INSTALL ALL FN 5 PRIOR
TO BENDING/FORMING**

-1100 ASSY

FAUX RIVET INSTALLATION

This technical diagram illustrates an exploded view of a mechanical assembly, likely a sled or frame component. The main structure is a large, curved metal frame. Various components are shown in separate parts, each labeled with a number:

- Callout 1: Points to a rectangular metal plate.
- Callout 8: Points to a vertical metal plate.
- Callout 9: Points to a horizontal metal plate.
- Callout 10: Points to a curved metal bracket.

The diagram also includes a small inset in the bottom left corner showing a detailed view of a mechanical joint, with an arrow labeled 'E' indicating the direction of rotation or assembly.

0 ASSY AL OVERRIDE TROL ARM NSTALLATION

**DETAIL E
SCALE 1:2**



8 7 6 5 4 3 2 1

D

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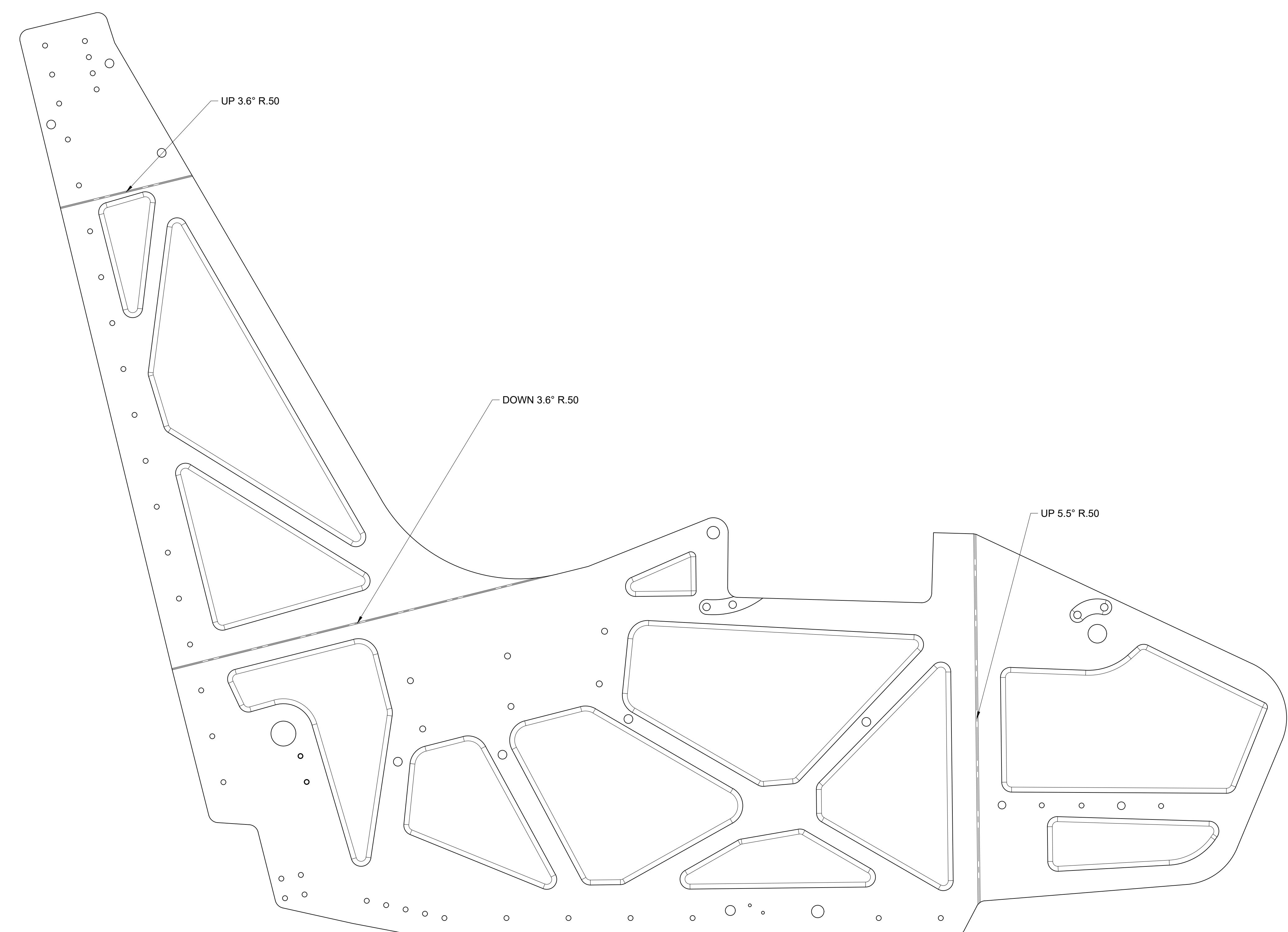
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-125 DETAIL
FLAT PATTERN

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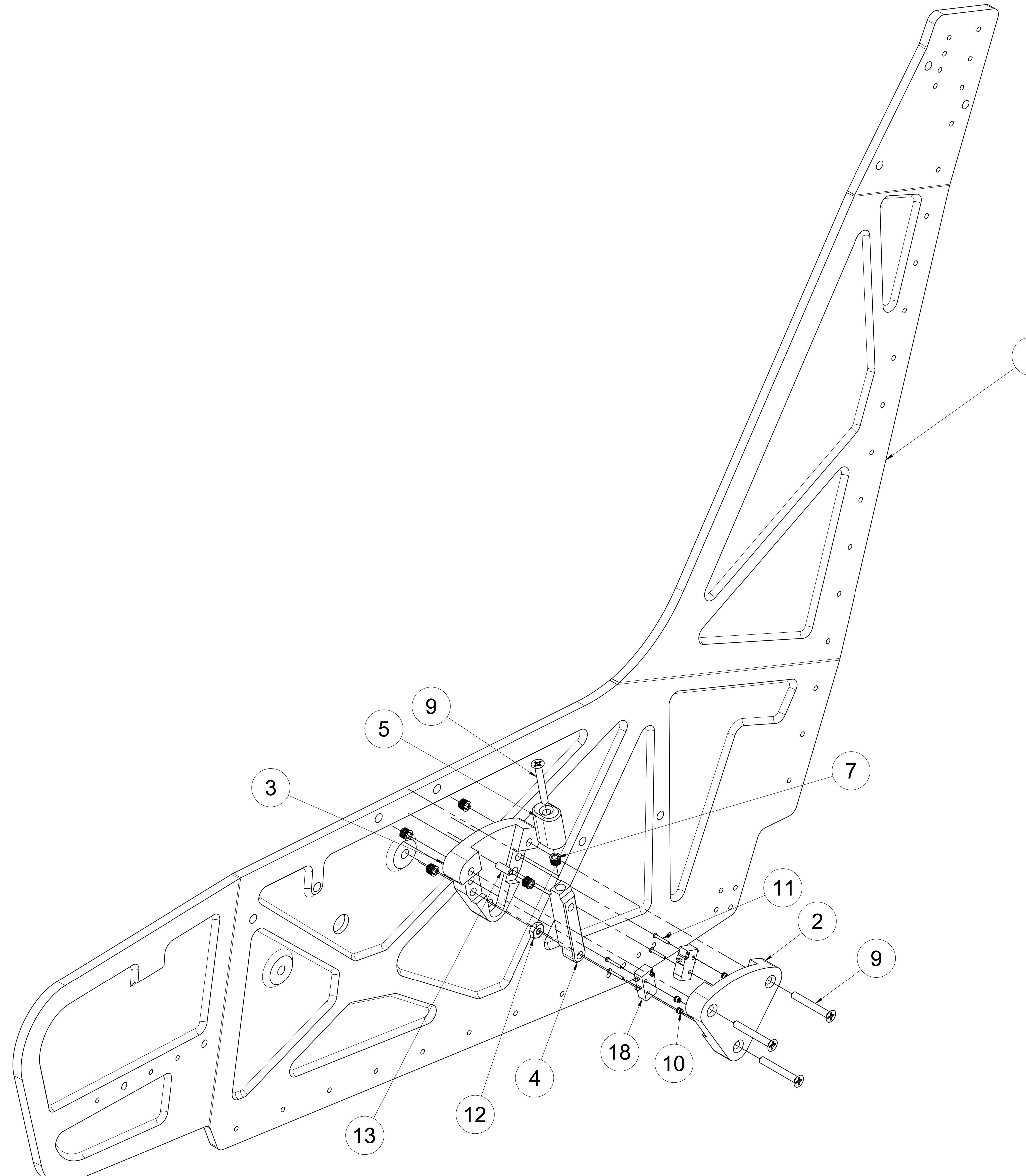
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-1200 ASSY
HARNESS LOCK
LEVER INSTALLATION

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
18	2	7658K17	SWITCH, LIMIT, SUBMINIATURE, SNAP-ACTING, SPST	N/A
17	2	HDW4	HEX NUT FOR SWITCH, 15/32-32NS	N/A
16	1	HDW17	LOCKING RING FOR SWITCH, B13	N/A
15	1	HDW12	LOCK WASHER FOR SWITCH, B13	N/A
14	1	100SP4T8B13M1QEH	SWITCH, TOGGLE, (ON)-OFF-(ON), SPDT, 18MM BAT	N/A
13	1	5901A122	SPRING PLUNGER, BALL-NOSE, 8-32 HEX DRIVE	
12	1	91841A009	NUT, #8-32, 18-8	SS
11	4	91772A064	PHS, #0-80 X 0.4375, 18-8	SS
10	4	93365A102	INSERT, 0-80, BRASS, FOR PLASTICS	BRS
9	7	90471A436	FHS, 100DEG, #8-32 X 1.25, STEEL	STL
8	42	91654A144	SCREW NAIL, DOMED, .14 X .25 SHANK X .25 HD DIA, 18-8	SS
7	8	93365A140	INSERT, 8-32, BRASS, FOR PLASTICS	BRS
6	1	OH3A2A-126	LEFT SEAT BUCKET SKIN	MDF
5	1	OH3A2A-131	SHOULDER HARNESS CONTROL LEVER HANDLE	PETG
4	1	OH3A2A-130	SHOULDER HARNESS CONTROL LEVER	PETG
3	1	OH3A2A-129	INNER SHOULDER HARNESS CONTROL LEVER HOUSING	PETG
2	1	OH3A2A-128	OUTER SHOULDER HARNESS CONTROL LEVER HOUSING	PETG
1	1	OH3A2A-127	SEAT HEIGHT ACTUATOR SWITCH HOUSING	PETG



OPEN HORNET
<https://www.OpenHornet.com>

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INSTALL FN 14 USING FN
15, 16, & 17 HARDWARE
(NOT SHOWN)

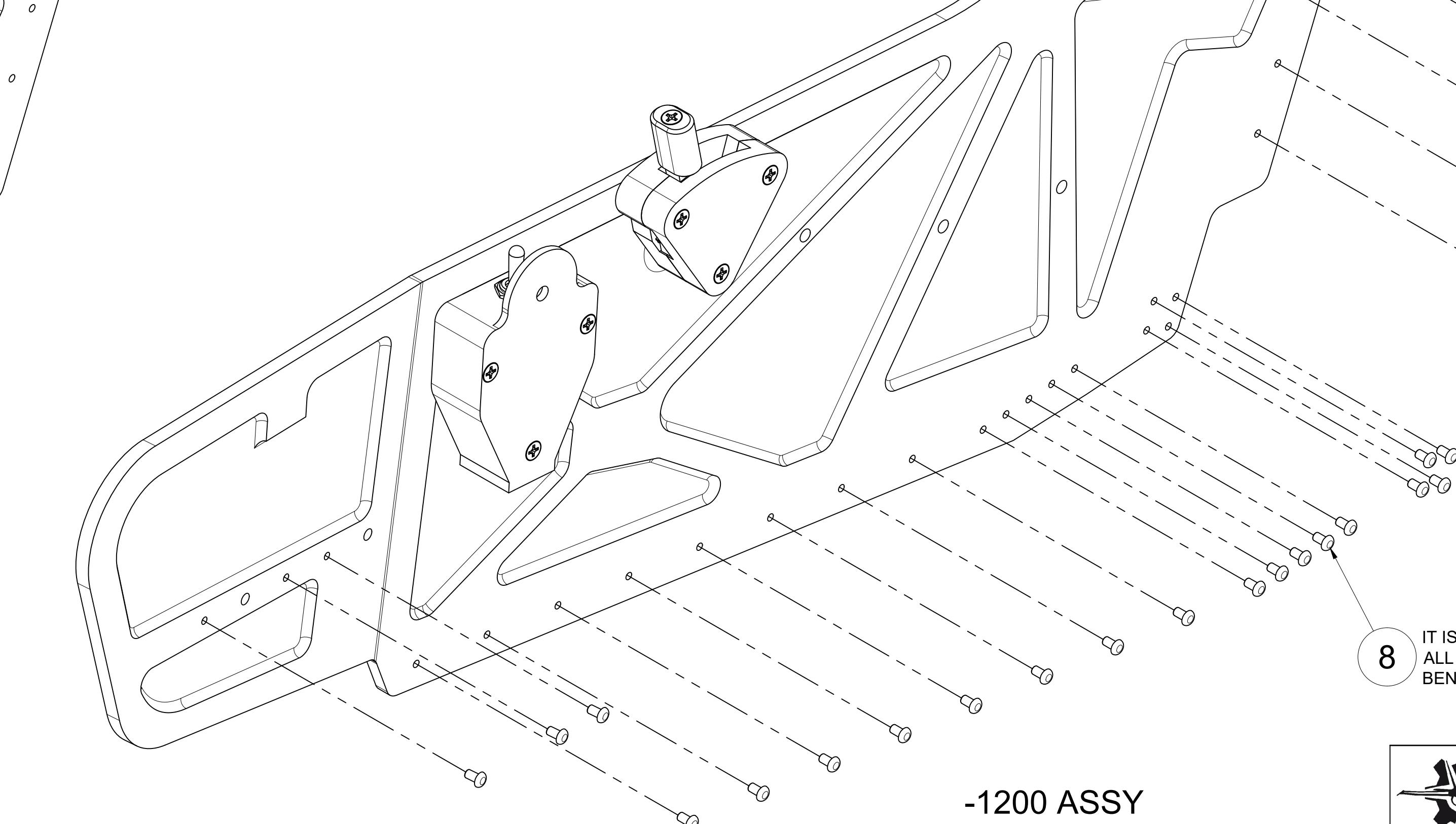
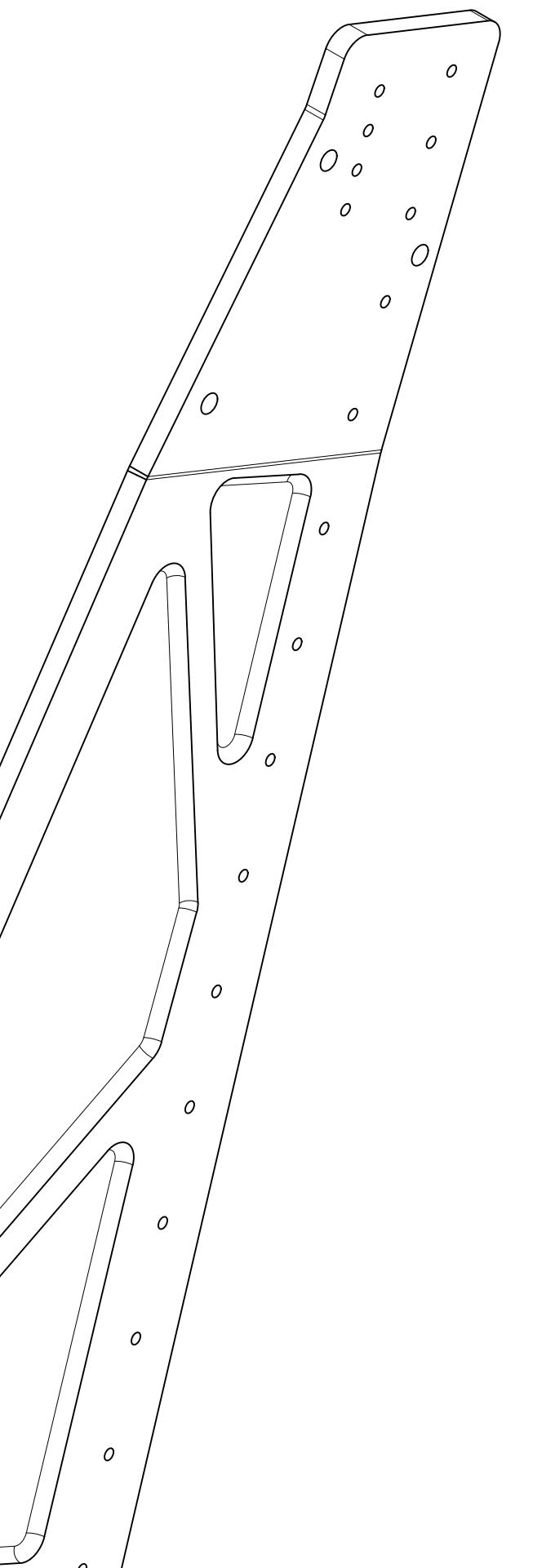
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-1200 ASSY
SEAT HEIGHT
ADJUSTMENT SWITCH
INSTALLATION



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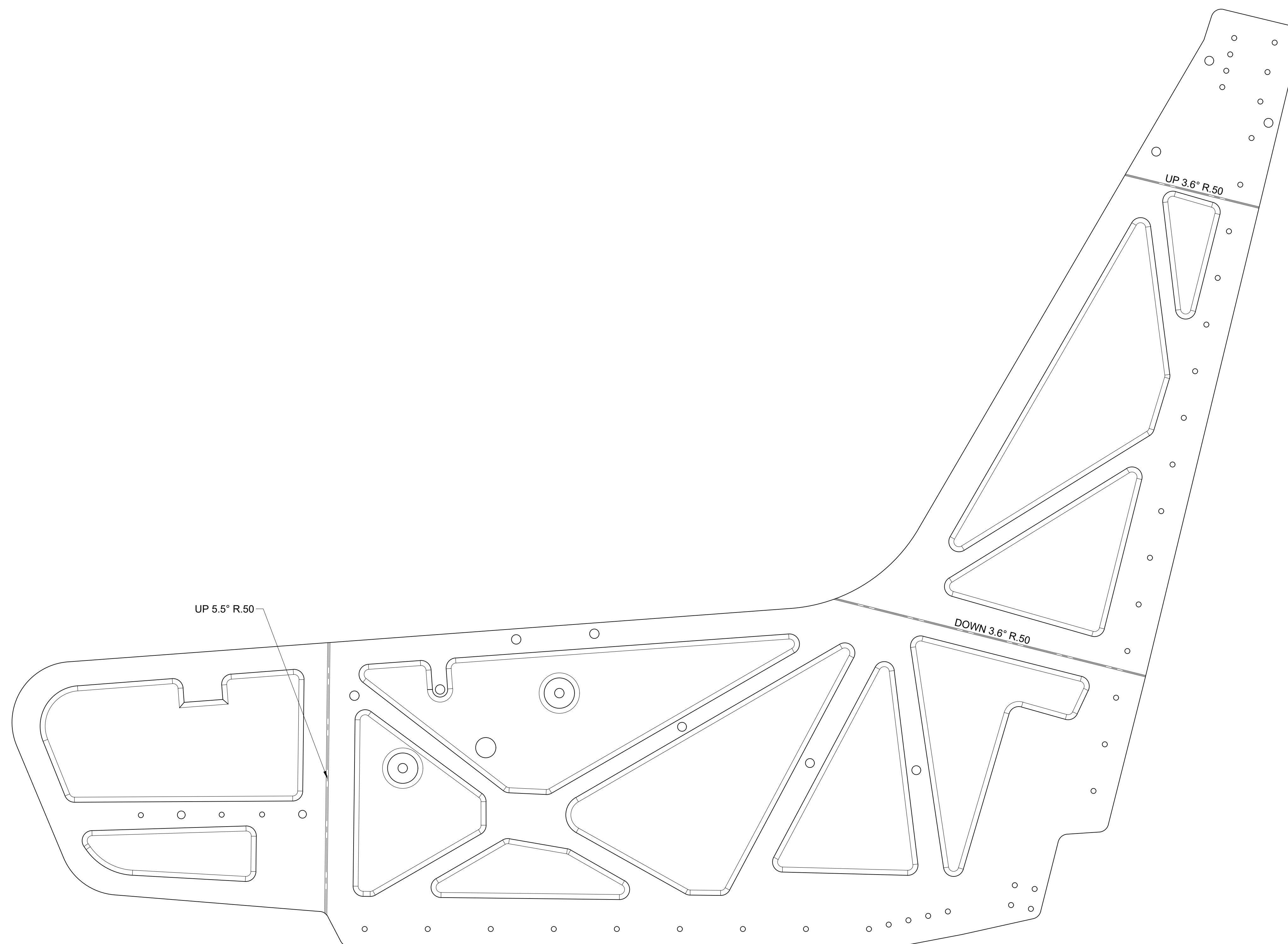
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-126 DETAIL
FLAT PATTERN

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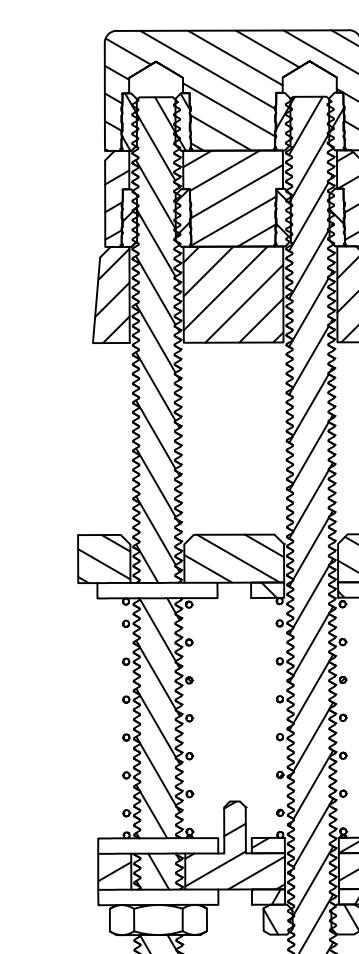
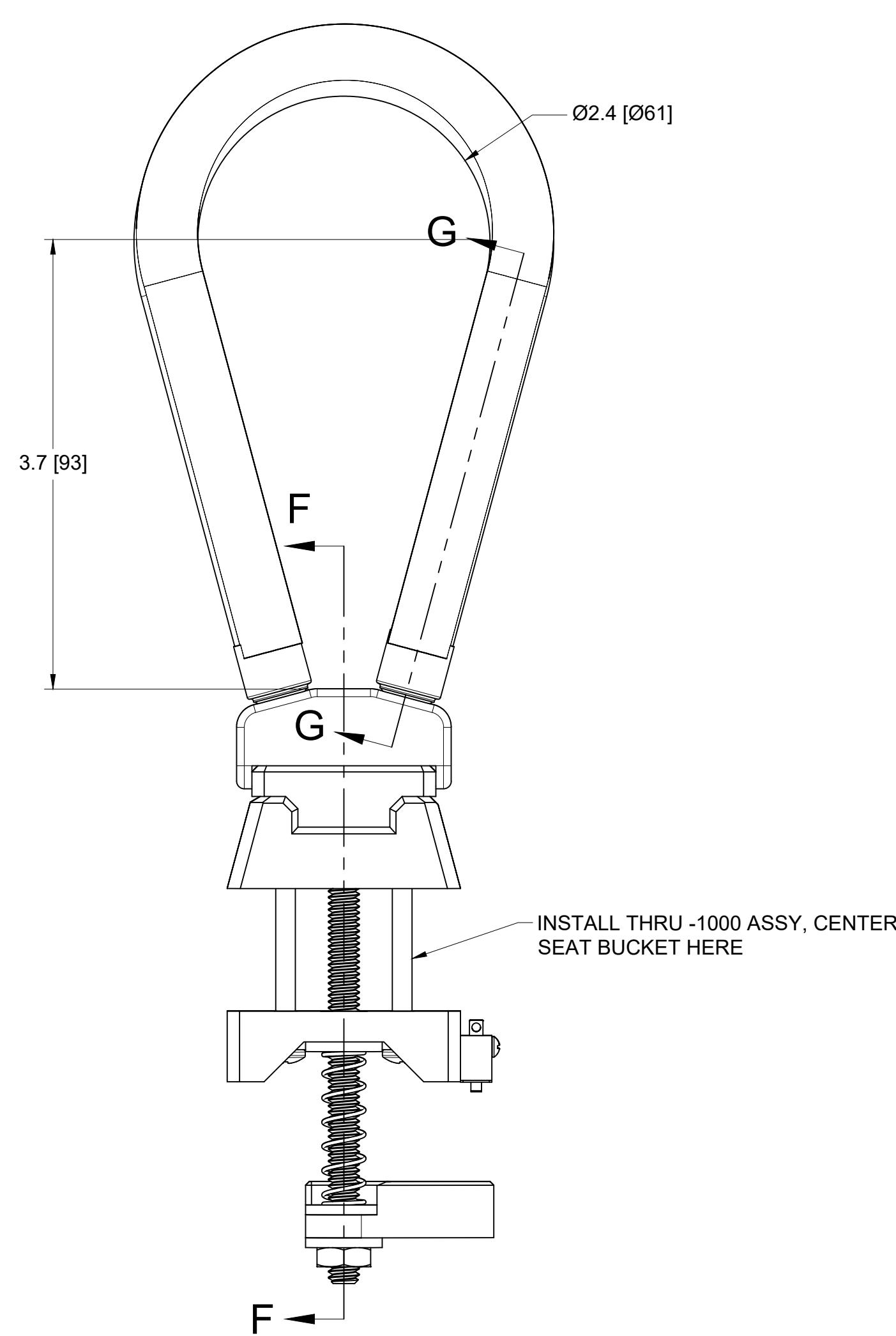
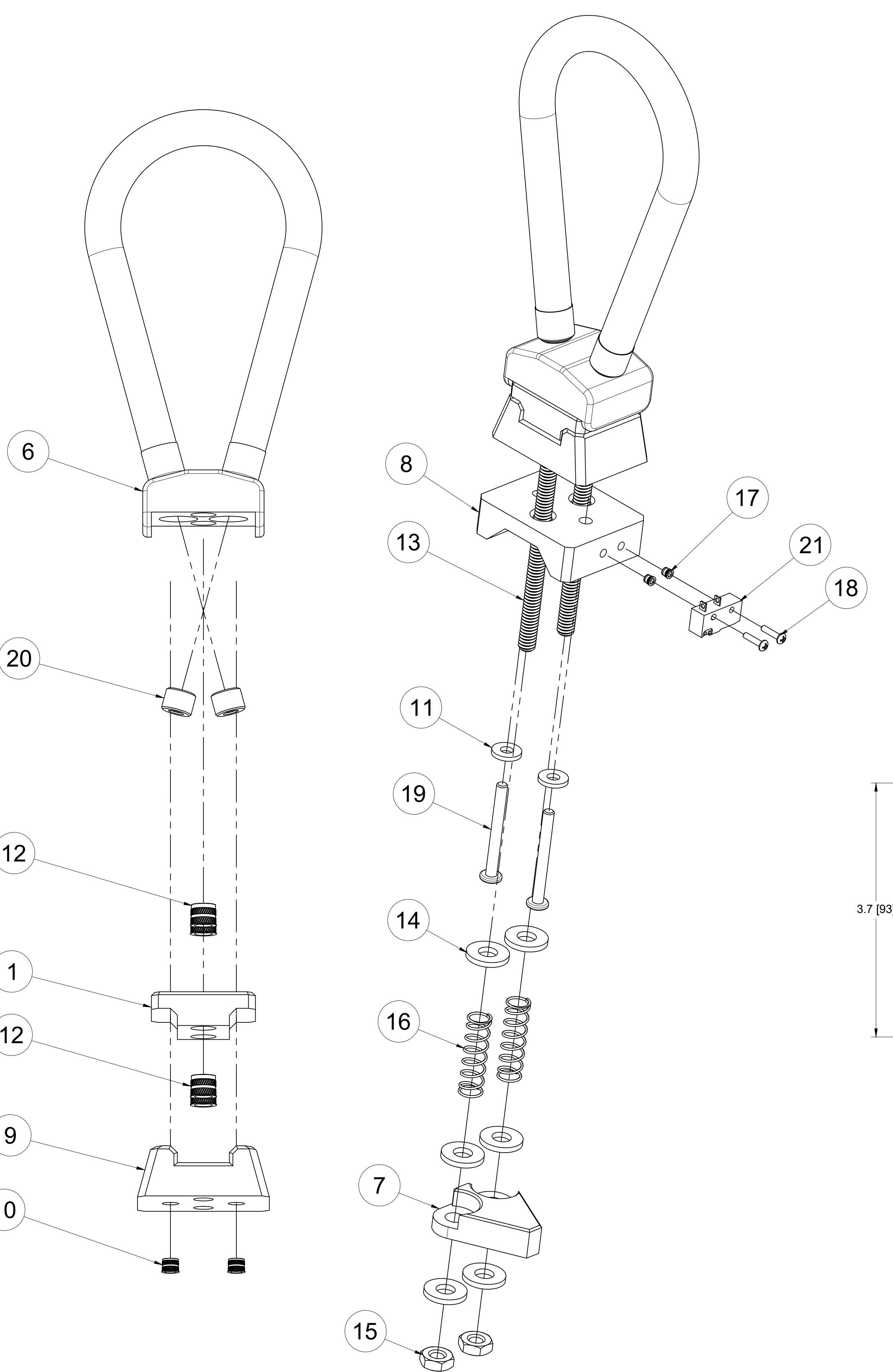
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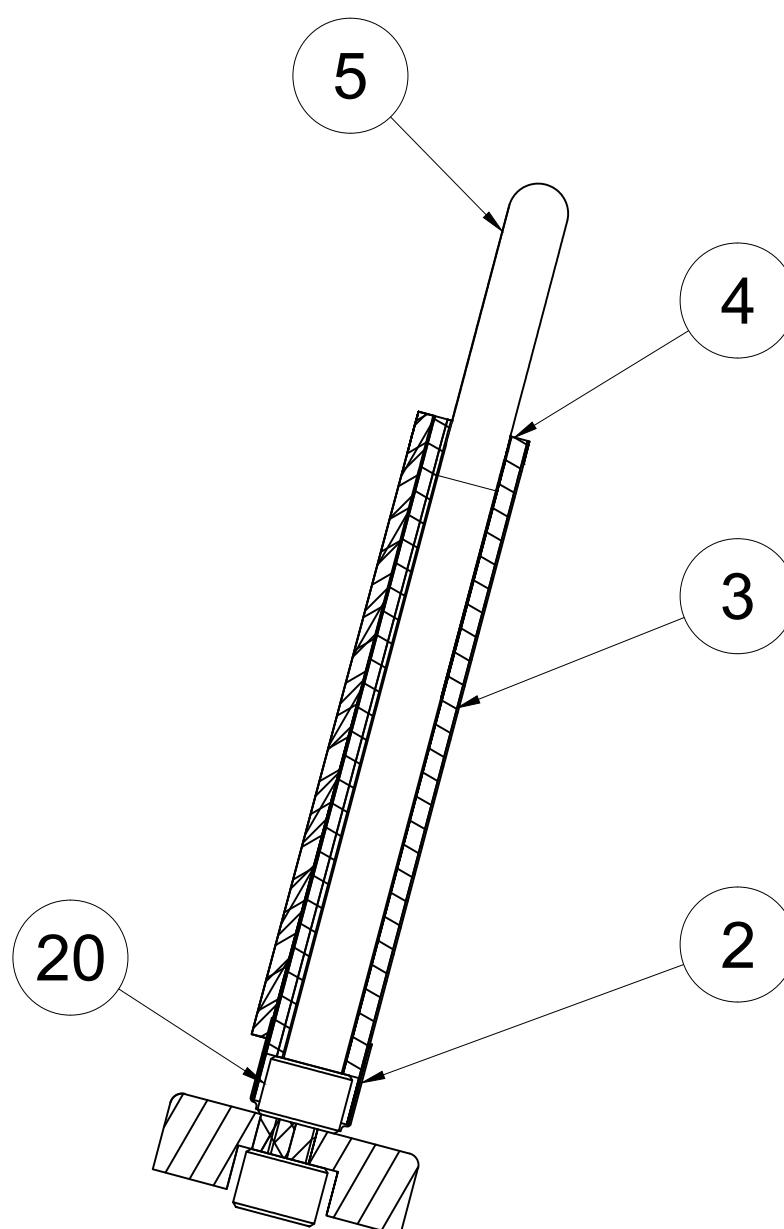
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SECTION F-F
SCALE 1:1



SECTION G-G
SCALE 1:1

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
21	1	7658K17	SWITCH, LIMIT, SUBMINIATURE, SNAP-ACTING, SPST	N/A
20	4	3914T5	STOP, WIRE ROPE, .1875 WIRE DIA	N/A
19	2	90272A203	PHS, #8-32 X 1.50, STEEL	STL
18	2	90272A079	PHS, #2-56 X .375, STEEL	STL
17	2	93365A110	INSERT, 2-56, BRASS, FOR PLASTIC	BRS
16	2	9657K332	SPRING, COMPRESSION, 0.296 ID X 0.36 OD X 1.25 OAL X 0.27 CL, STEEL, 6.7 LBF MAX	STEEL
15	2	91078A029	NUT, THIN, .25-20, STEEL	STL
14	6	90126A029	WASHER, .25 X .625, STEEL, ZINC	STL
13	2	95412A560	ROD, .25-20 X 4.500, 18-8	SS
12	4	93365A160	INSERT, .25-20, BRASS, FOR PLASTICS	BRS
11	2	98023A113	WASHER, #8, STEEL, ZINC	STL
10	2	93365A140	INSERT, 8-32, BRASS, FOR PLASTICS	BRS
9	1	OH3A2A-146	UPPER EJECTION HANDLE BASE	PETG
8	1	OH3A2A-145	LOWER EJECTION HANDLE BASE	PETG
7	1	OH3A2A-144	EJECTION HANDLE SWITCH ACTUATOR	PETG
6	1	OH3A2A-143	EJECTION HANDLE CAP	PETG
5	1	8912T54	ROPE, WIRE, COATED, .1875 ROPE DIA, .3125 COATING DIAMETER, BLACK	N/A
4	1	5648K33	TUBING, .500OD X .3281 ID, 95A DUROMETER, POLYURETHANE, YELLOW	N/A
3	1	PTN0.50SS	SLEEVING, BRAIDED, SAFETY STRIPE (YELLOW-BLACK), .500 DIA, PET	N/A
2	2	7856K18	HEAT-SHRINK, .75ID SHRINK TO .375ID, POLYOLEFIN, YELLOW	N/A
1	1	OH3A2A-142	EJECTION HANDLE CAP SUPPORT	PETG

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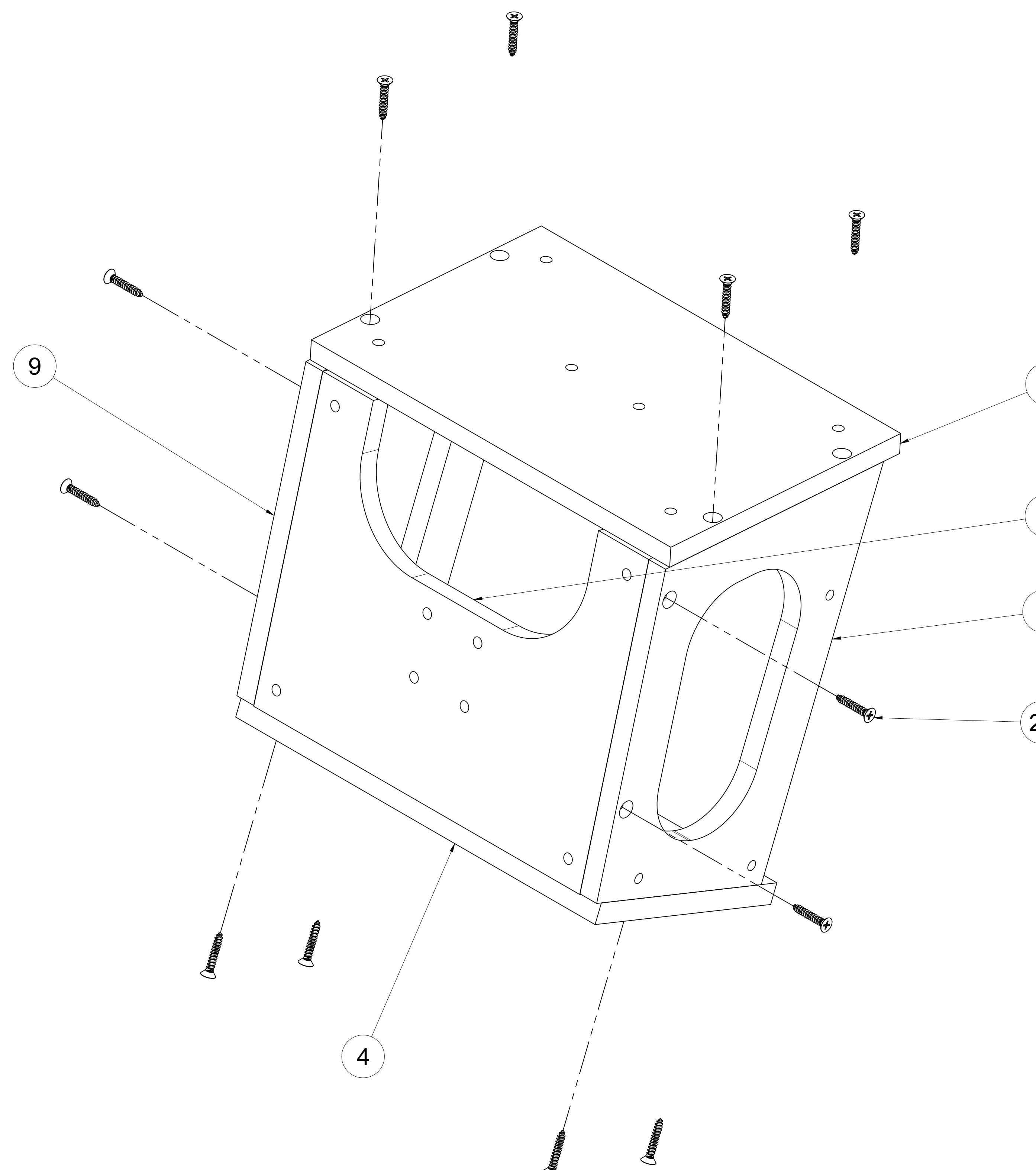
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-200 ASSY
STRUCTURE
ASSEMBLY

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
37	30	91654A144	SCREW NAIL, DOMED, .14 X .25 SHANK X .25 HD DIA, 18-8	SS
36	14	90275A196	FHS, 82DEG, #8-32 X .625, STEEL	STL
35	6	92105A660	INSERT, 8-32, SELF TAPPING, FOR SOFTWOOD	ZINC
34	4	90272A201	PHS, #8-32 X 1.250, STEEL	STL
33	22	91841A009	NUT, #8-32, 18-8	SS
32	2	60645K131	ROD END, BALL JOINT, .3125-24 X 1.25 SHANK X .875 OAW, STEEL	STL
31	20	91249A197	PHS, #8-32 X .750, 18-8, BLK	SS
30	28	98023A113	WASHER, #8, STEEL, ZINC	STL
29	2	4280-BLACK	BRACKET, SLOTTED, INSIDE CORNER	ALU
28	4	92673A119	NUT, .3125-18, 18-8	SS
27	4	96765A145	WASHER, .3125 X .750 X .05 THK, 18-8, BLK	SS
26	4	91309A587	HHCS, .3125-18 X 1.5, STEEL	STL
25	3	90252A115	FHWS, 82DEG, #8 X 1.50, STEEL, BLK, FOR MDF	STL
24	22	93365A140	INSERT, 8-32, BRASS, FOR PLASTICS	BRS
23	4	90471A435	FHS, 100DEG, #8-32 X .625, STEEL	STL
22	19	90252A112	FHWS, 82DEG, #8 X 1.00, STEEL, BLK, FOR MDF	STL
21	1	OH3A2A-218	RIGHT LOWER PARACHUTE CONTAINER SKIN TRIM	PETG
20	1	OH3A2A-217	RIGHT OUTSIDE PARACHUTE CONTAINER SKIN	ACRL
19	1	OH3A2A-216	LOWER PARACHUTE CONTAINER SKIN TRIM	PETG
18	1	OH3A2A-215	OUTSIDE PARACHUTE CONTAINER SKIN	ACRL
17	1	OH3A2A-214	SJU-17 HEADREST B	PETG
16	1	OH3A2A-213	SJU-17 HEADREST C	PETG
15	1	OH3A2A-212	SJU-17 HEADREST D	PETG
14	1	OH3A2A-211	SJU-17 HEADREST A	PETG
13	1	OH3A2A-210	RH PARACHUTE CONTAINER LID	PETG
12	1	OH3A2A-209	LH PARACHUTE CONTAINER LID	PETG
11	1	OH3A2A-208	RH CANOPY BREAKER	PETG
10	1	OH3A2A-207	LH CANOPY BREAKER	PETG
9	1	OH3A2A-206	RIGHT SIDE PARACHUTE CONTAINER SUPPORT	MDF
8	1	OH3A2A-205	AFT PARACHUTE CONTAINER SUPPORT	MDF
7	1	OH3A2A-204	LEFT SIDE PARACHUTE CONTAINER SUPPORT	MDF
6	1	OH3A2A-203	TOP PARACHUTE CONTAINER BASE	MDF
5	1	OH3A2A-202	FWD PARACHUTE CONTAINER SUPPORT	MDF
4	1	OH3A2A-201	LOWER PARACHUTE CONTAINER BASE	MDF
3	1	OH3A2A-223	PCM SUPPORT	PETG
2	1	OH3A2A-222	PCM UPPER RAIL INTERFACE PLATE	MDF
1	1	OH3A2A-221	PCM PARACHUTE CONTAINER INTERFACE PLATE	MDF



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SIZE DWG NO
D OH3A2A-200
REV -
SCALE 1:1.5
SHEET 18/30

8 7 6 5 4 3 2 1

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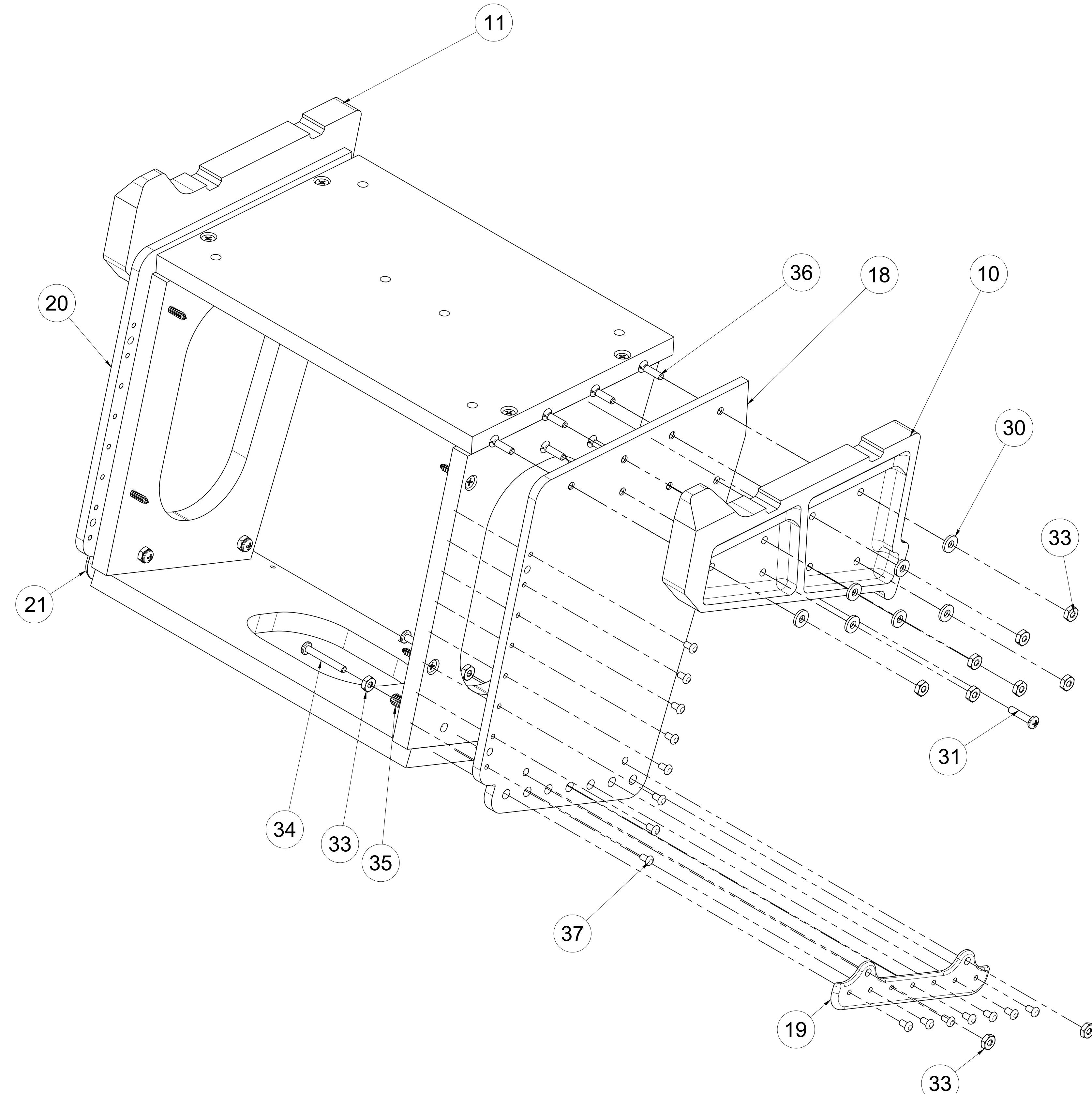
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-200 ASSY

STRUCTURE
ASSEMBLY

(FN 2 HIDDEN FOR
CLARITY)

 OPEN HORNET
<https://www.OpenHornet.com>



SIZE Dwg No

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OH3A2A-200

REV

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SCALE 1:1.5

SHEET 19/30

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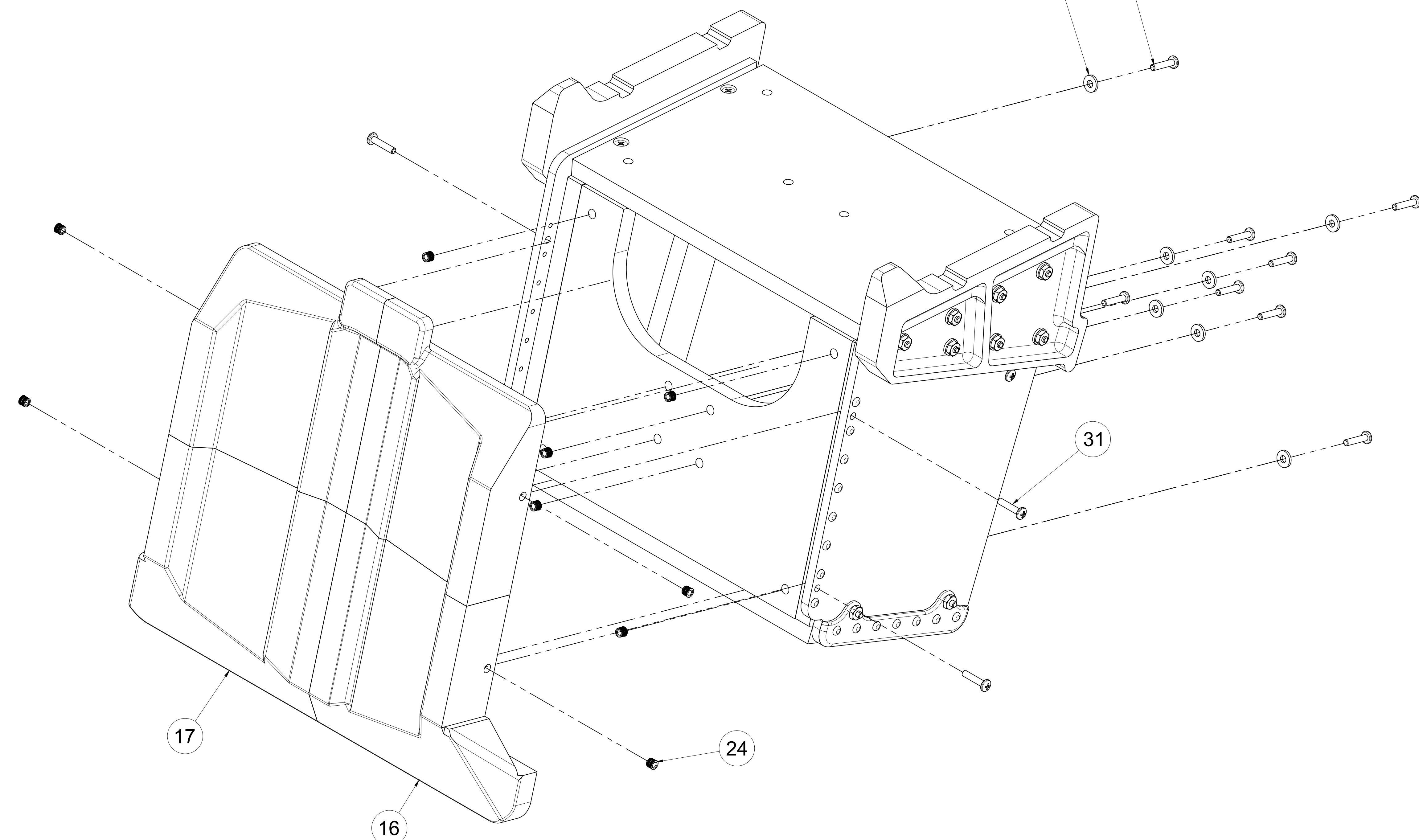
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-200 ASSY
HEADREST
INSTALLATION

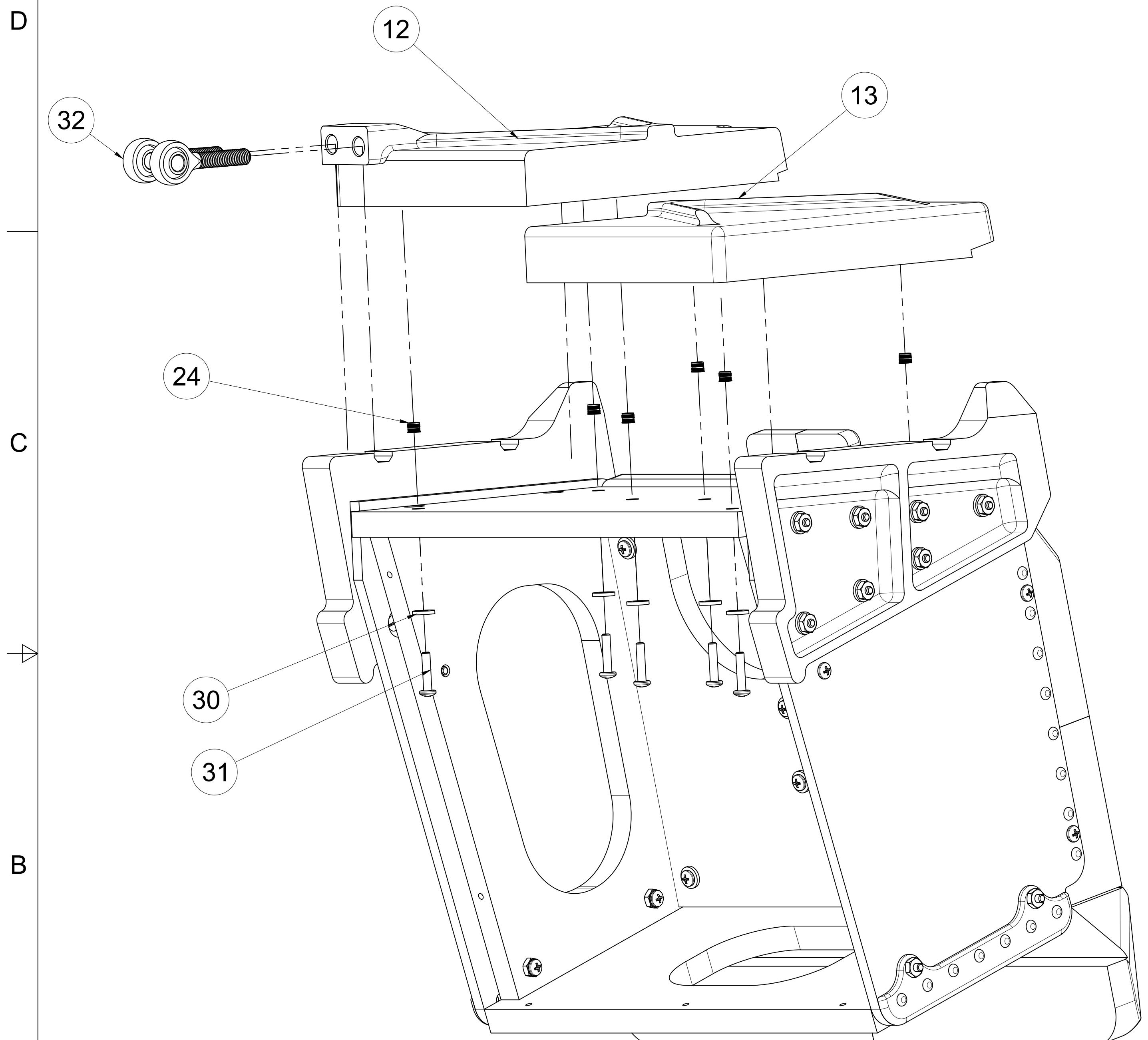
OPEN HORNET
<https://www.OpenHornet.com>



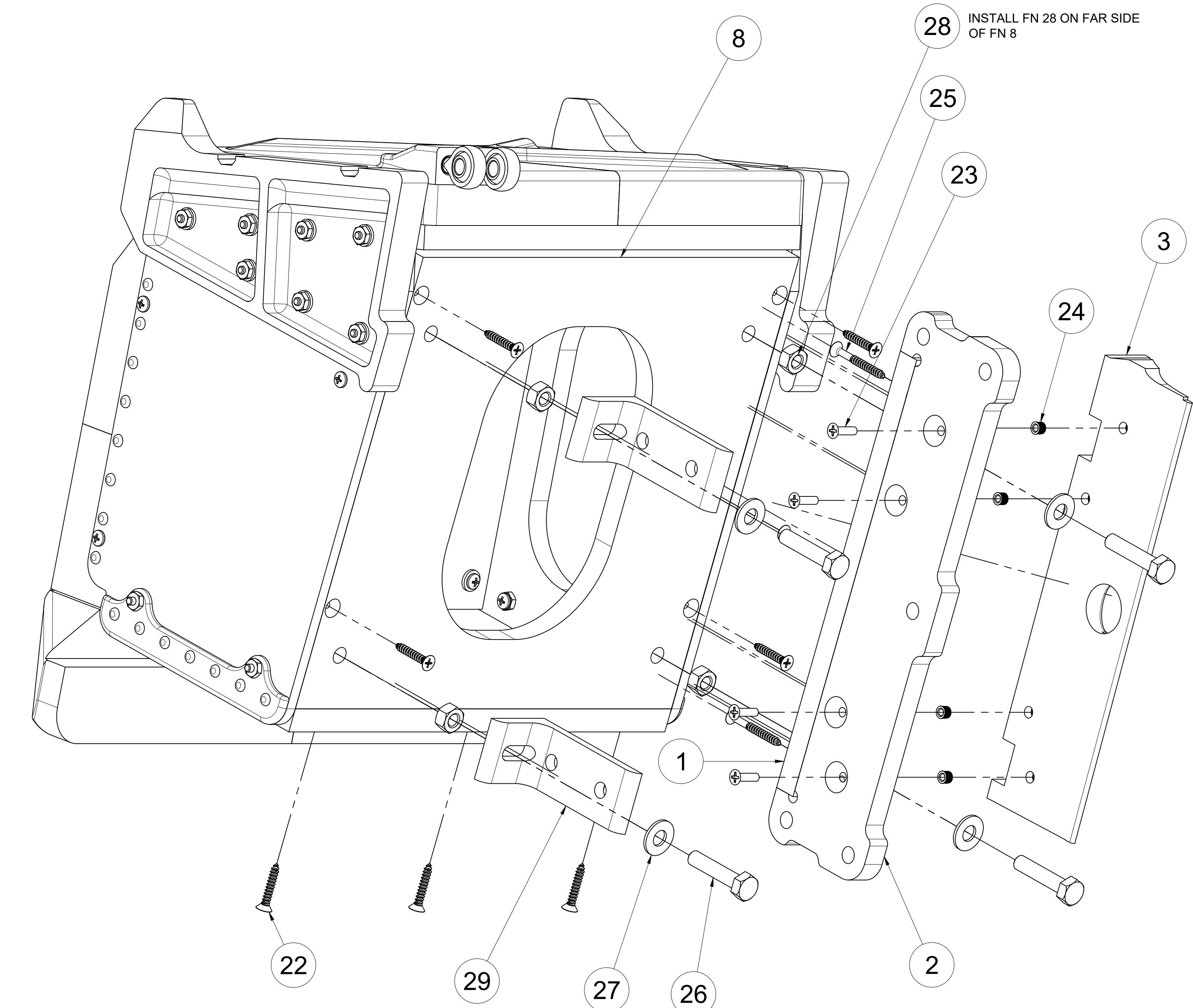
SIZE D DWG NO
D OH3A2A-200

REV -
SCALE 1:1.5
SHEET 20/30

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1



-200 ASSY
PARACHUTE
CONTAINER LID
ASSEMBLY



-200 ASSY
MOUNTING
SYSTEM
ASSEMBLY

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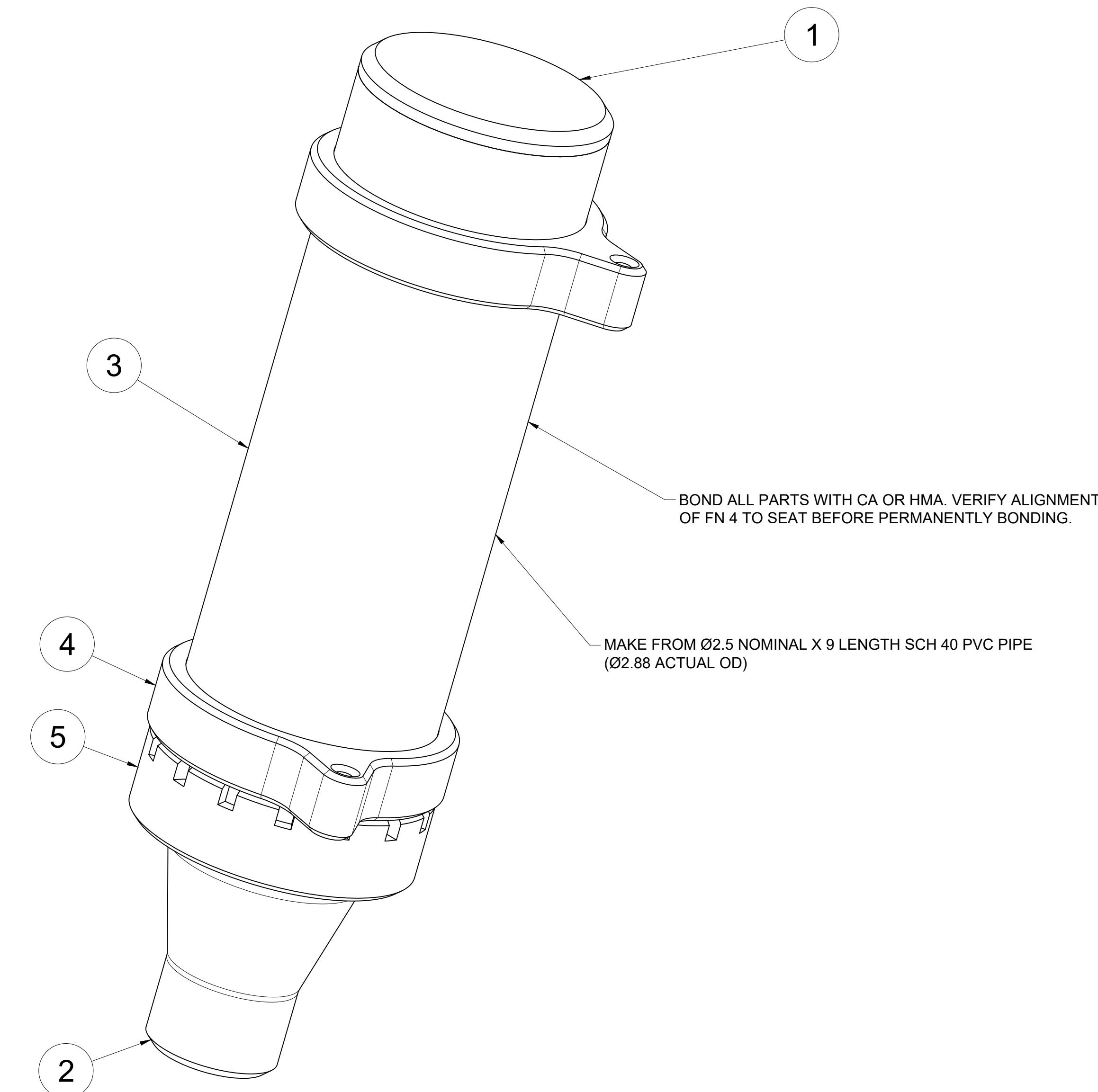
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ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
5	1	OH3A2-105	DROGUE DEPLOYMENT CASTLE NUT	PETG
4	2	OH3A2-104	DROGUE DEPLOYMENT CATAPULT MOUNT	PETG
3	1	OH3A2-103	DROGUE DEPLOYMENT CATAPULT BODY	PVC
2	1	OH3A2-102	DROGUE DEPLOYMENT CATAPULT LOWER CAP	PETG
1	1	OH3A2-101	DROGUE DEPLOYMENT CATAPULT UPPER CAP	PETG



<https://www.OpenHornet.com>



SIZE
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DWG NO
OH3A2-100

REV
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SCALE 1:2

SHEET 22/30

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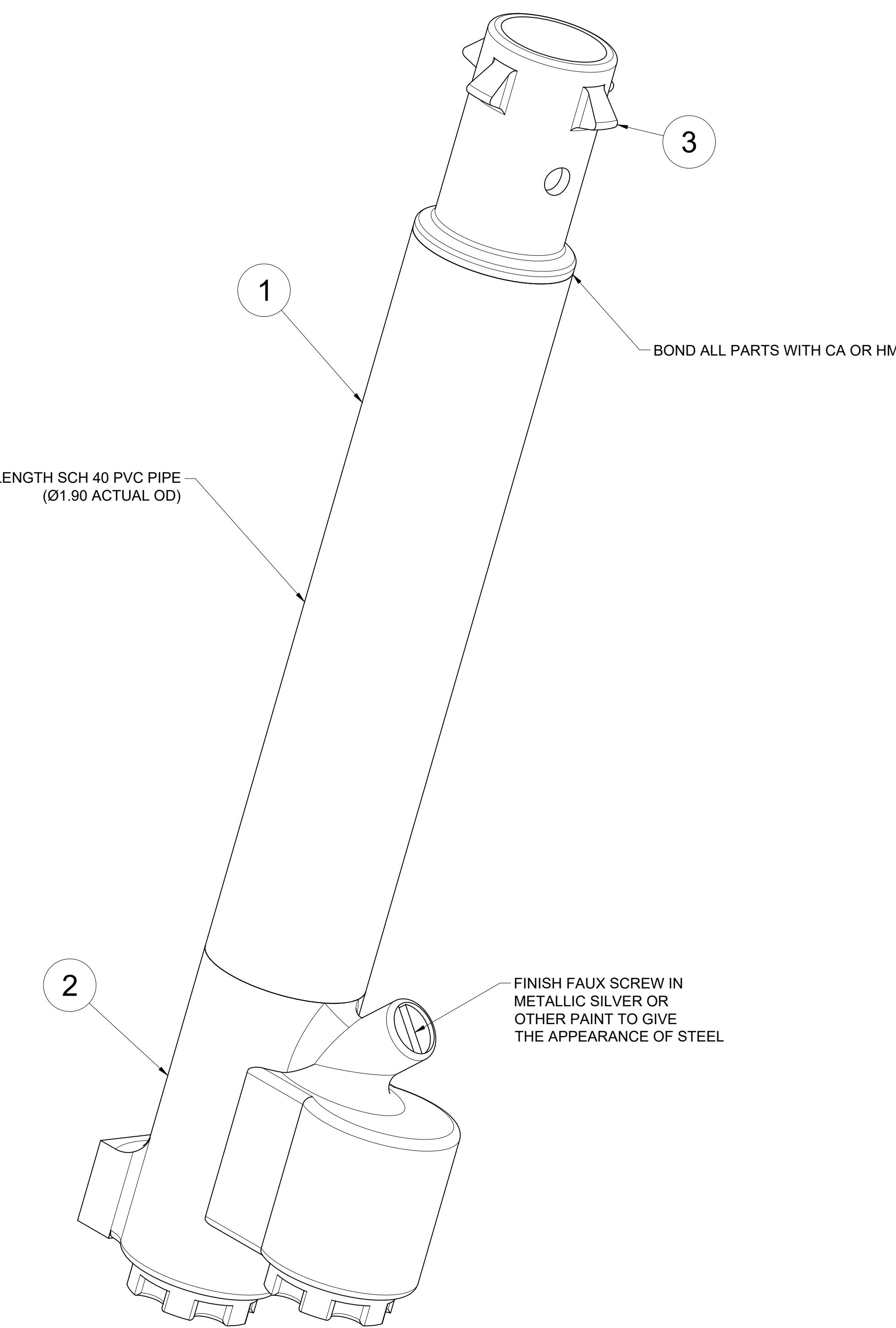
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ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				

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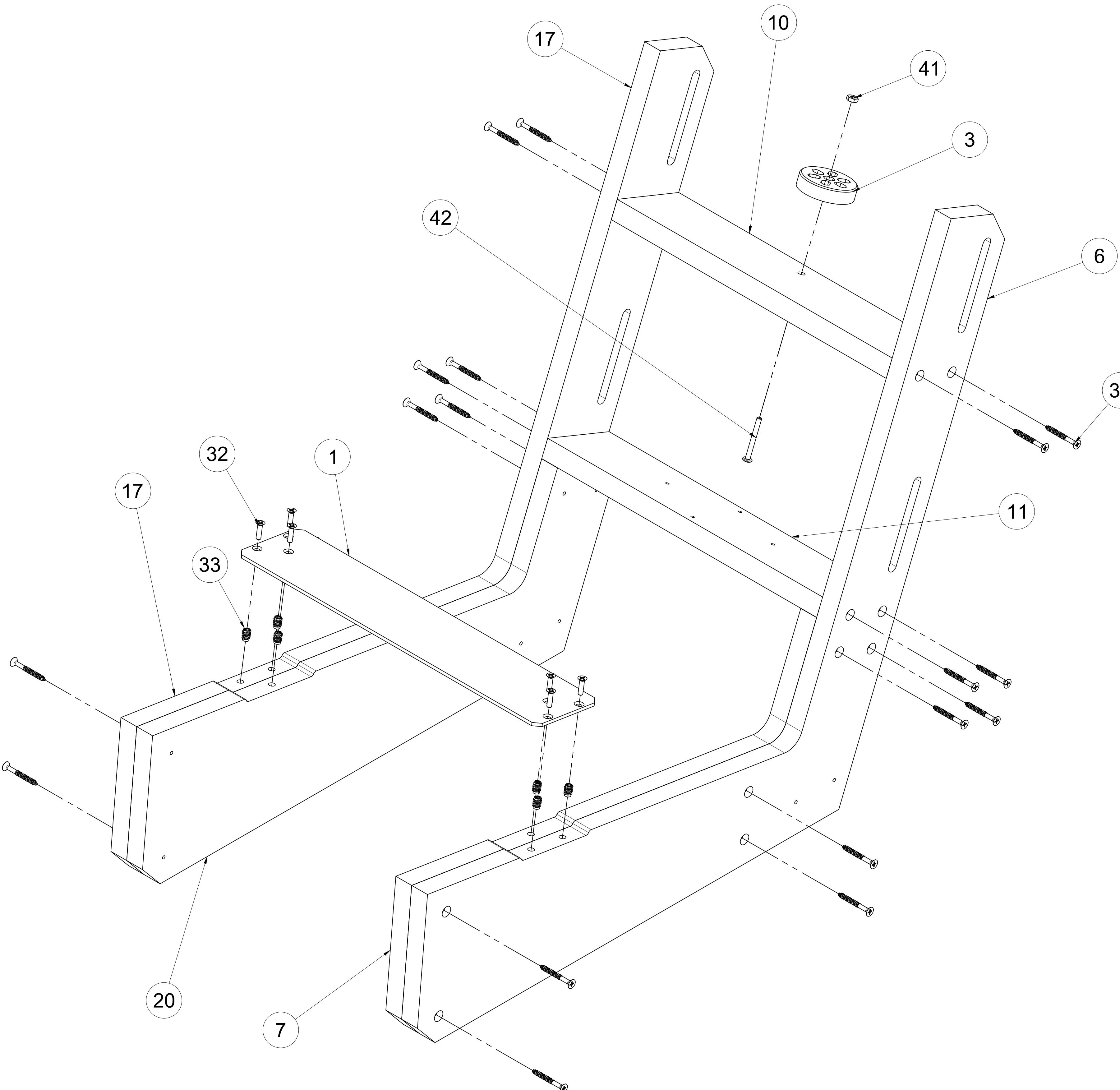
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-300 ASSY

LOWER SEAT
BASE/RAIL
ASSEMBLY

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
44	2	9994T91	CASTER, FIXED, EDGE-MOUNT, 2.0 OD RBR WHEEL	
43	4	92105A675	INSERT, .25-20, SELF TAPPING, FOR SOFTWOOD	ZINC
42	1	90272A203	PHS, #8-32 X 1.50, STEEL	STL
41	1	91841A009	NUT, #8-32, 18-8	SS
40	32	93365A140	INSERT, 8-32, BRASS, FOR PLASTICS	BRS
39	4	90252A118	FHWS, 82DEG, #8 X 2.00, STEEL, BLK, FOR MDF	STL
38	24	90272A201	PHS, #8-32 X 1.250, STEEL	STL
37	33	98023A113	WASHER, #8, STEEL, ZINC	STL
36	2	98381A474	PIN, DOWEL, .125 OD X .875L, ALLOY STEEL	STL
35	14	91249A197	PHS, #8-32 X .750, 18-8, BLK	SS
34	6	96765A120	WASHER, #8 X .375 OD, 18-8, BLACK	SS
33	12	92105A660	INSERT, 8-32, SELF TAPPING, FOR SOFTWOOD	ZINC
32	6	90471A435	FHS, 100DEG, #8-32 X .625, STEEL	STL
31	2	90252A112	FHWS, 82DEG, #8 X 1.00, STEEL, BLK, FOR MDF	STL
30	66	90252A115	FHWS, 82DEG, #8 X 1.50, STEEL, BLK, FOR MDF	STL
29	1	OH3A2-43	LOWER HEADREST SKIN	ACRL
28	1	OH3A2-42	SEAT SEAWARS PROBE	PETG
27	1	OH3A2-41	SEAT HARNESS REEL	PETG
26	1	OH3A2-40	LOWER HEADREST BLOCK A (1)	PETG
25	1	OH3A2-39	LOWER HEADREST BLOCK A	PETG
24	1	OH3A2-38	LOWER HEADREST BLOCK D	PETG
23	1	OH3A2-37	LOWER HEADREST BLOCK B	PETG
22	1	OH3A2-36	RH IGNITION BLOCK	PETG
21	1	OH3A2-35	LH IGNITION BLOCK	PETG
20	1	OH3A2-32	RH INBOARD SEAT MOUNT	MDF
19	1	OH3A2-31	RH VERTICAL MOUNTING RAIL OUTER	MDF
18	1	OH3A2-30	RH VERTICAL MOUNTING RAIL INNER	MDF
17	1	OH3A2-29	RH OUTBOARD SEAT MOUNT	MDF
16	1	OH3A2-28	LOWER PARACHUTE DEPLOYMENT ROCKET MOUNT	PETG
15	2	OH3A2-26	DROGUE DEPLOYMENT MOUNT A	PETG
14	1	OH3A2-25	SEAT REAR RAIL PLATE	MDF
13	1	OH3A2-24	SEAT CATAPULT HORIZONTAL SUPPORT	MDF
12	1	OH3A2-22	UPPER RAIL CAP	MDF
11	1	OH3A2-21	LOWER HORIZONTAL MOUNTING RAIL	MDF
10	1	OH3A2-19	UPPER HORIZONTAL MOUNTING RAIL	MDF
9	1	OH3A2-18	VERTICAL MOUNTING RAIL, OUTER	MDF
8	1	OH3A2-17	VERTICAL MOUNTING RAIL	MDF
7	1	OH3A2-16	INBOARD SEAT MOUNT	MDF
6	1	OH3A2-15	OUTBOARD SEAT MOUNT	MDF
5	1	OH3A2-14	BUTTKICKER MOUNTING PLATE	PETG
4	2	OH3A2-13	SEAT CATAPULT DETAIL RING	PETG
3	1	OH3A2-12	SEAT CATAPULT MOUNT	PETG
2	1	OH3A2-11	SEAT CATAPULT	PVC
1	1	OH3A2-10	FWD SEAT MOUNT CROSSEMMBER	ALU



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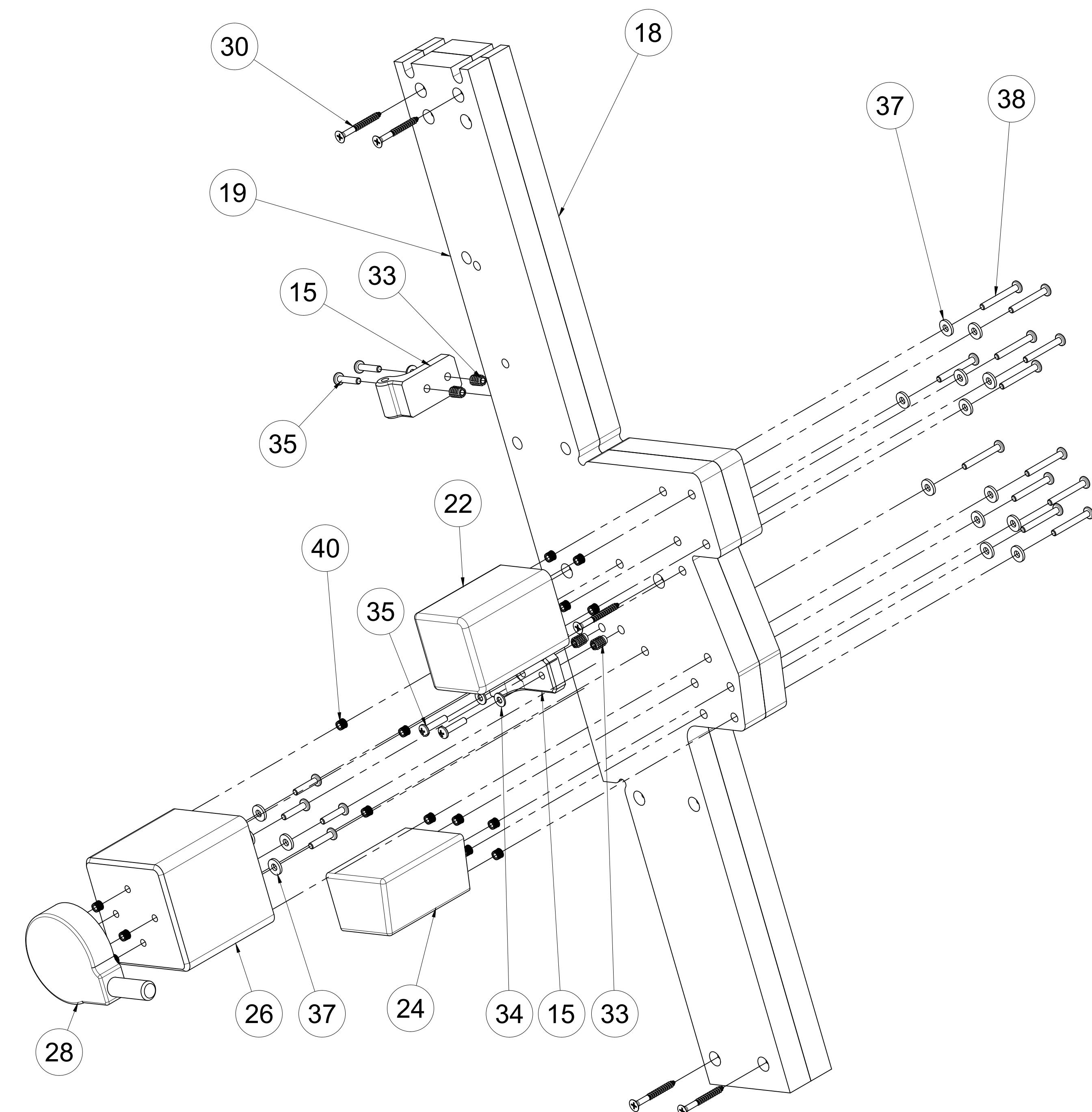
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-300 ASSY
RH UPPER RAIL
ASSEMBLY

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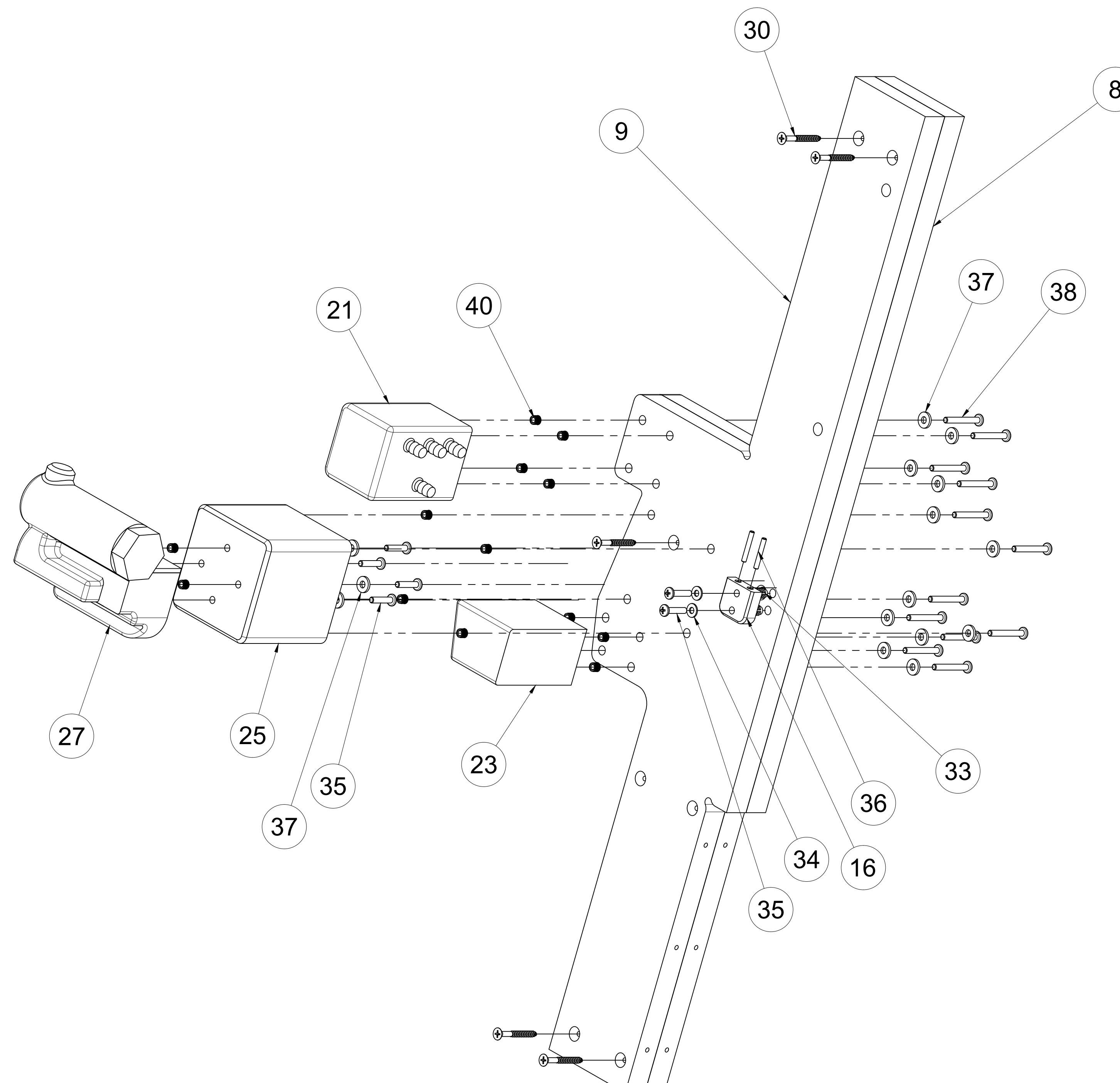
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-300 ASSY
LH UPPER RAIL
ASSEMBLY



SIZE D

DWG NO

OH3A2-300

REV -

SCALE 1:2

SHEET 26/30

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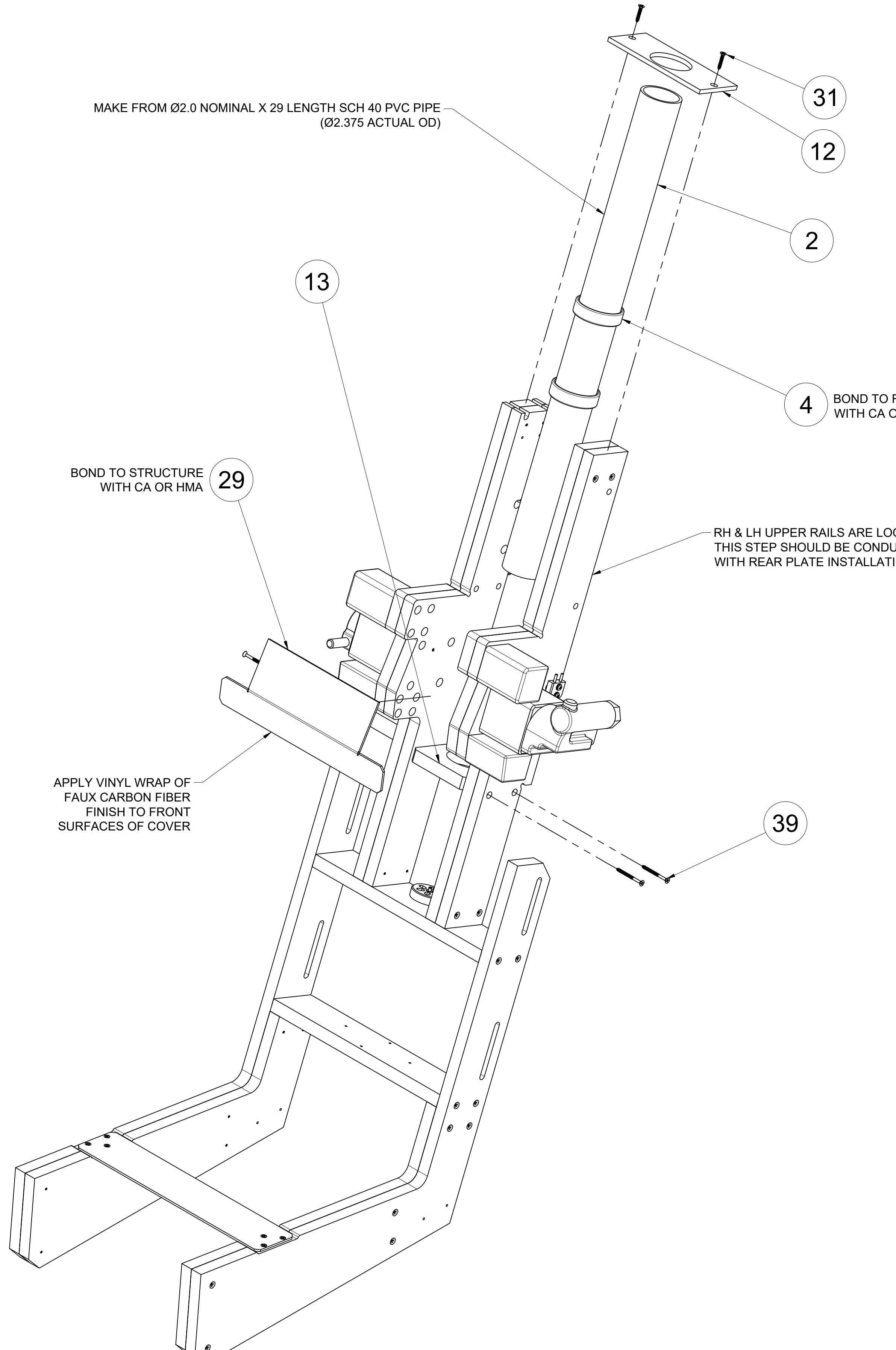
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MAKE FROM Ø2.0 NOMINAL X 29 LENGTH SCH 40 PVC PIPE
(Ø2.375 ACTUAL OD)

BOND TO STRUCTURE
WITH CA OR HMA

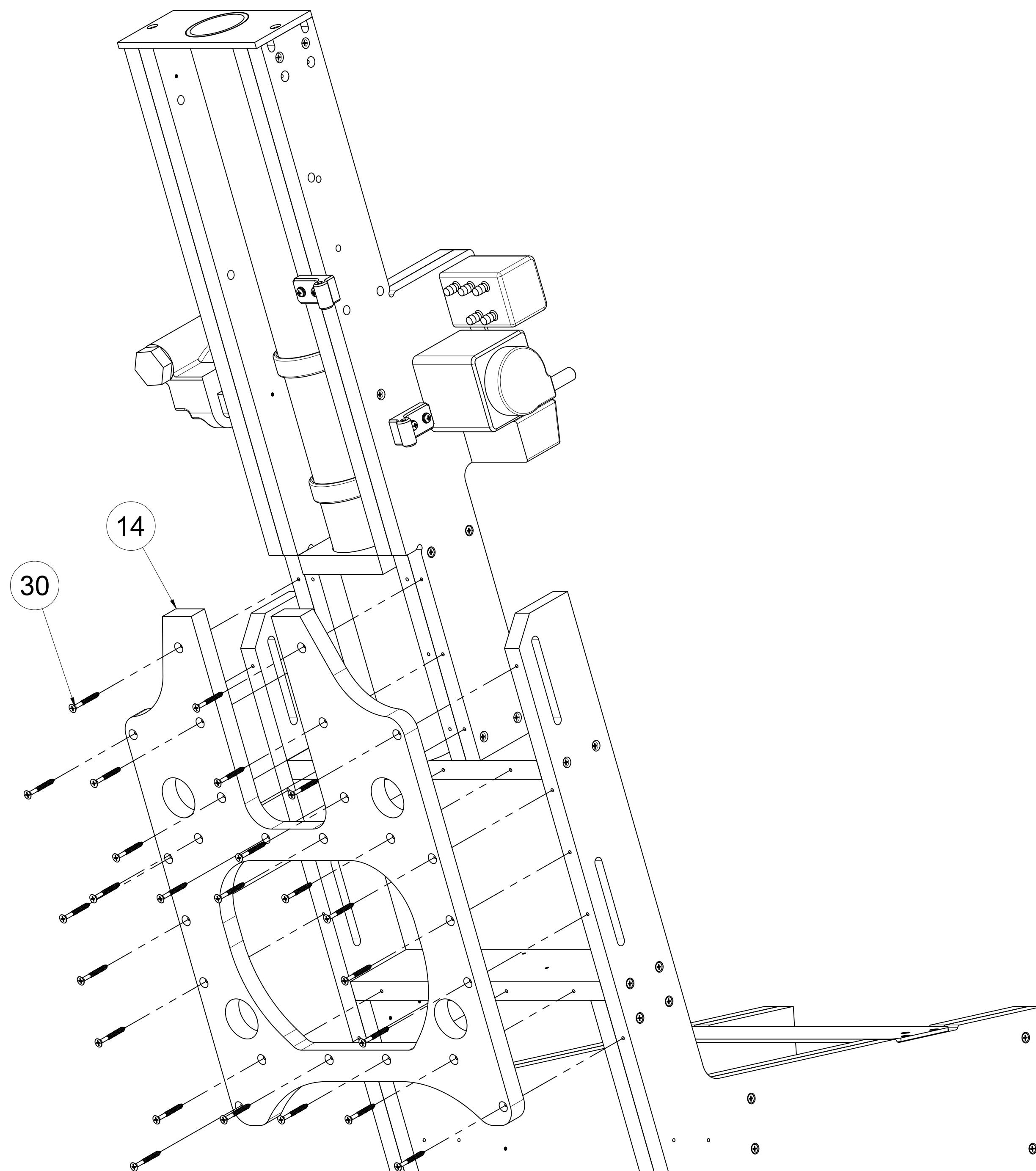
APPLY VINYL WRAP OF
FAUX CARBON FIBER
FINISH TO FRONT
SURFACES OF COVER



4 BOND TO FN 2
WITH CA OR HMA

39

RH & LH UPPER RAILS ARE LOOSE DURING THIS STEP.
THIS STEP SHOULD BE CONDUCTED SIMULTANEOUSLY
WITH REAR PLATE INSTALLATION.



-300 ASSY
REAR PLATE
INSTALLATION

-300 ASSY
CATAPULT
INSTALLATION

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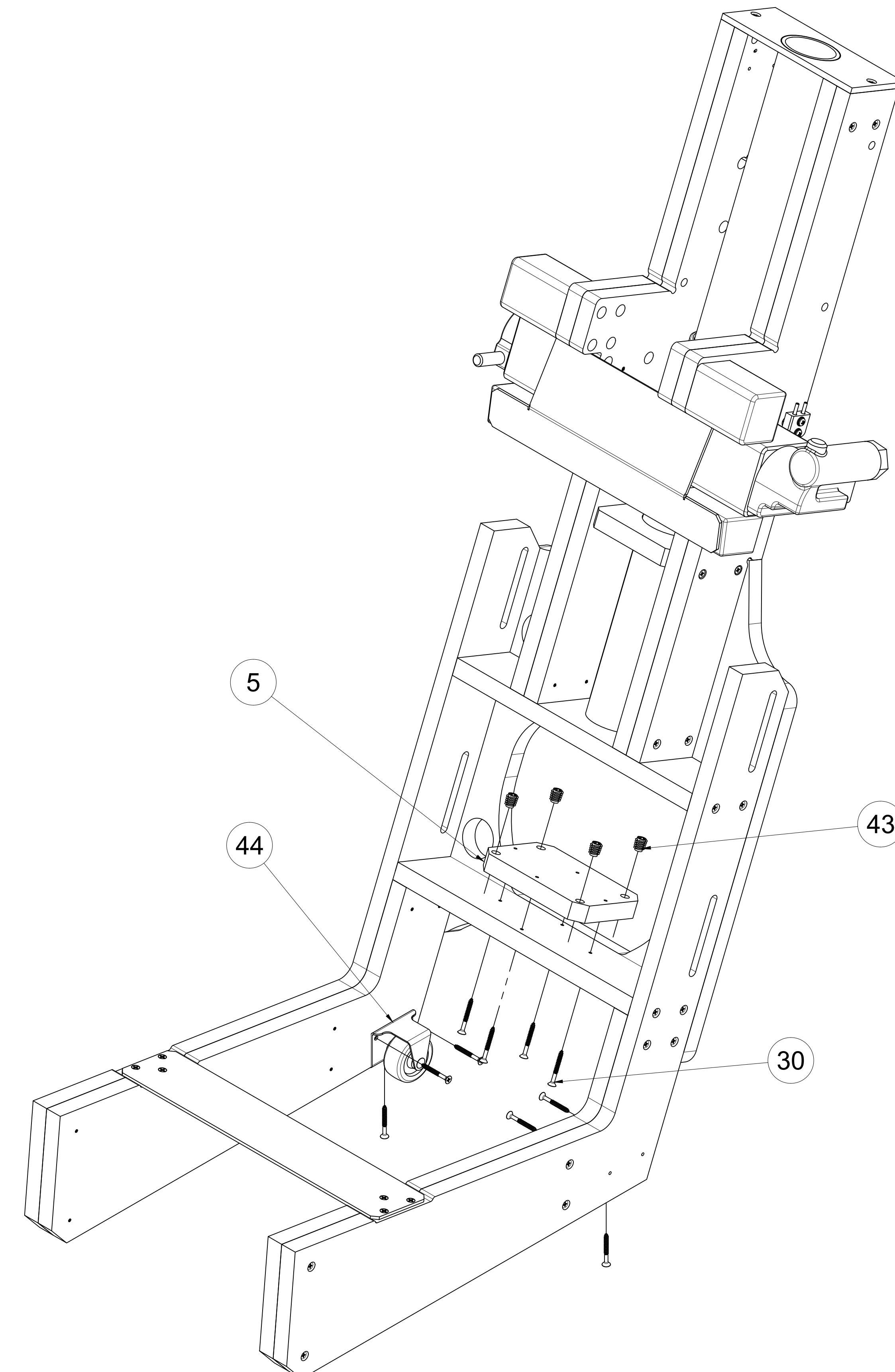
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-300 ASSY
CASTER &
TRANSDUCER
MOUNT
ASSEMBLY

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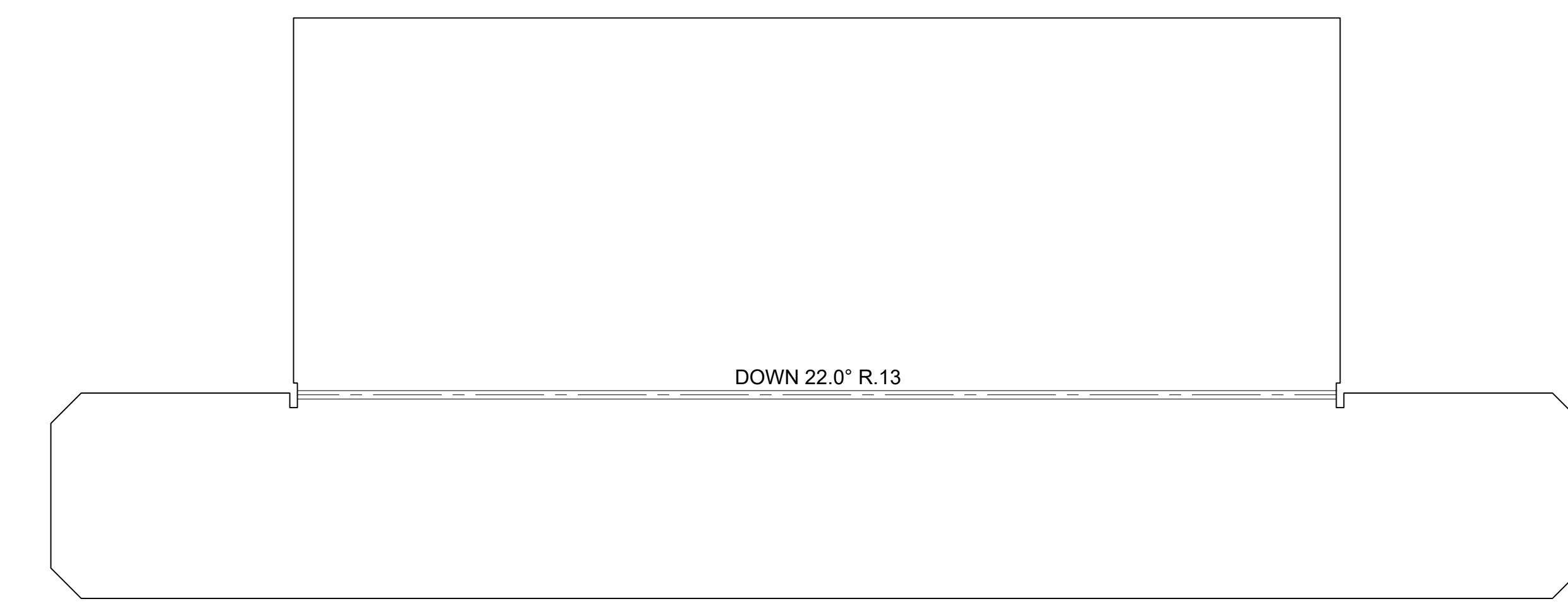
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-43 DETAIL
FLAT PATTERN



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 OPEN HORNET
<https://www.OpenHornet.com>

 SIZE DWG NO
D OH3A2-43
REV -

SCALE 1:1 SHEET 29/30

8 7 6 5 4 3 2 1

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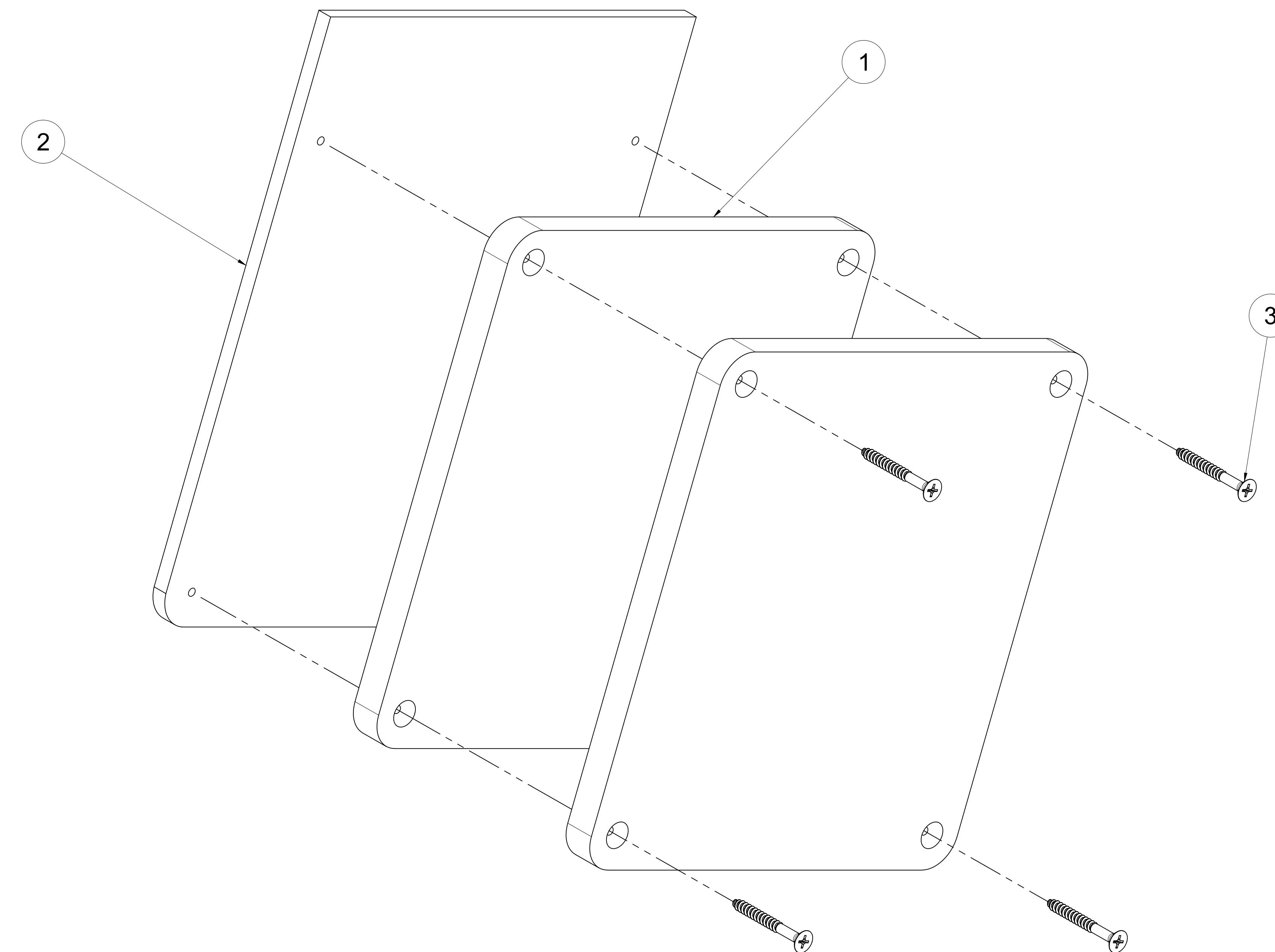
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ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
3	4	90252A115	FHWS, 82DEG, #8 X 1.50, STEEL, BLK, FOR MDF	STL
2	1	OH3A2-23	AFT RAIL CAP	MDF
1	2	OH3A2-20	DROGUE BRIDLE CONTAINER	MDF

