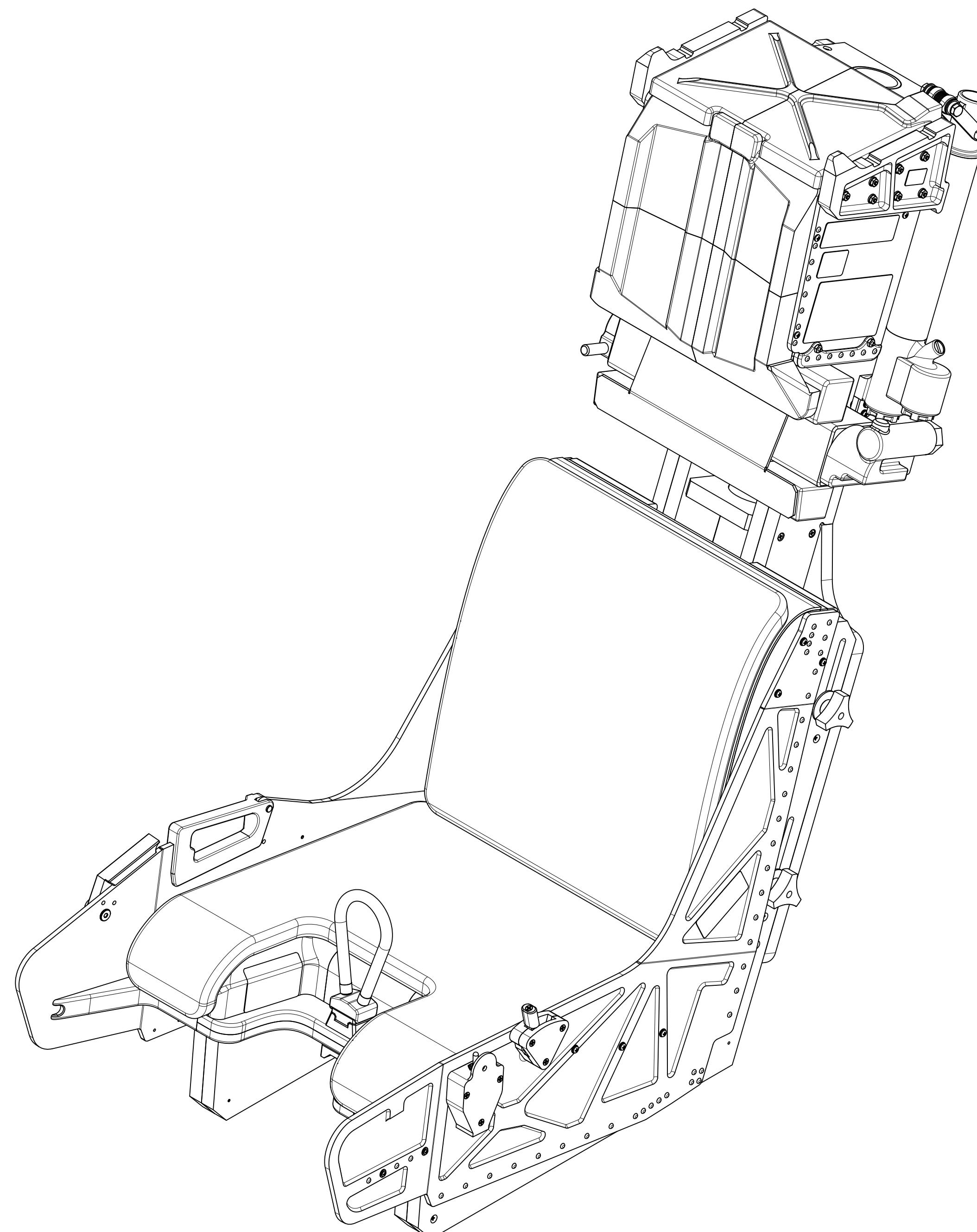


NOTES: (UNLESS OTHERWISE SPECIFIED)

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 (VELCO) 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 | 4/28/2023 | |

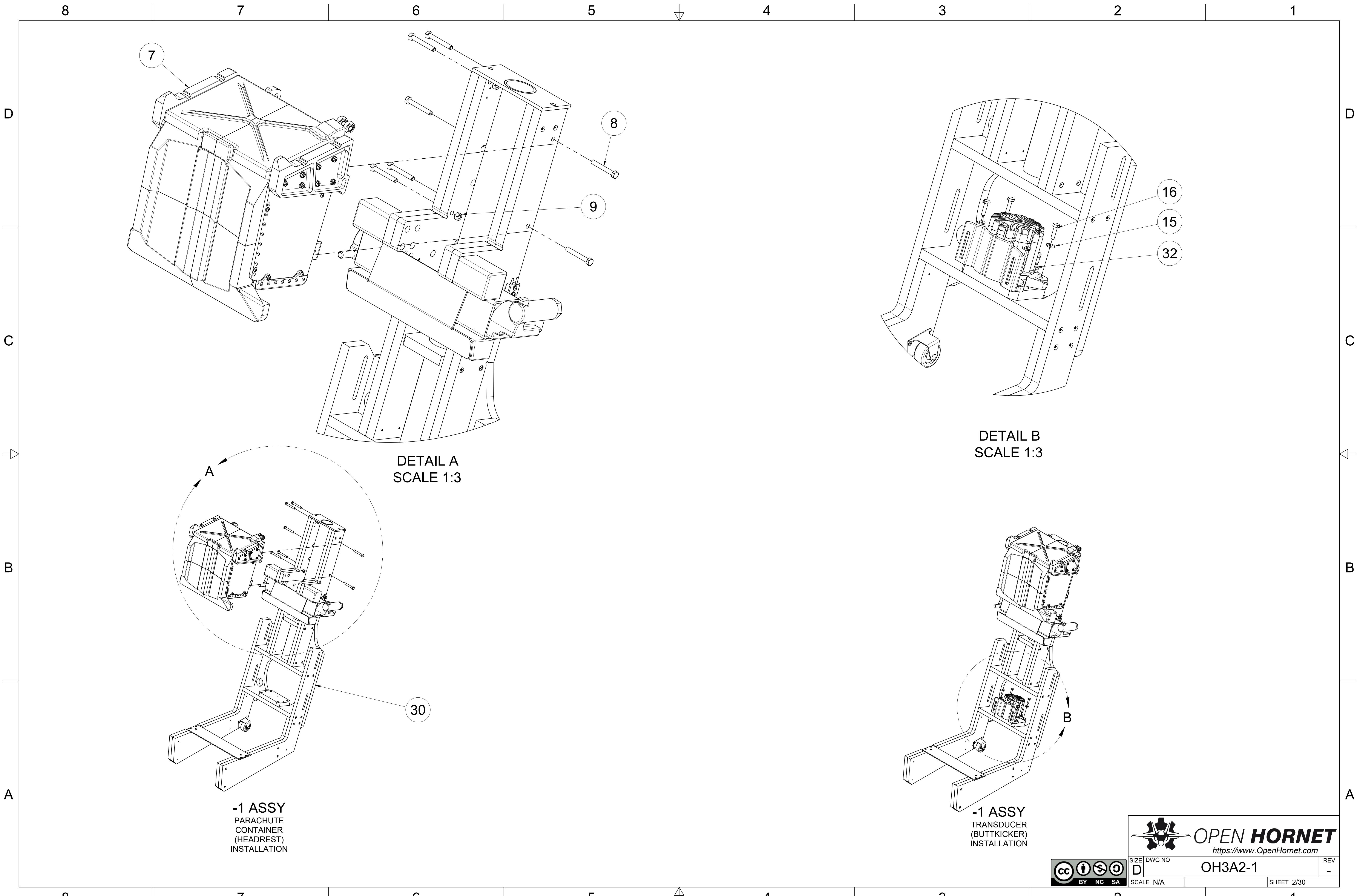


-1 ASSY

| 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 | |

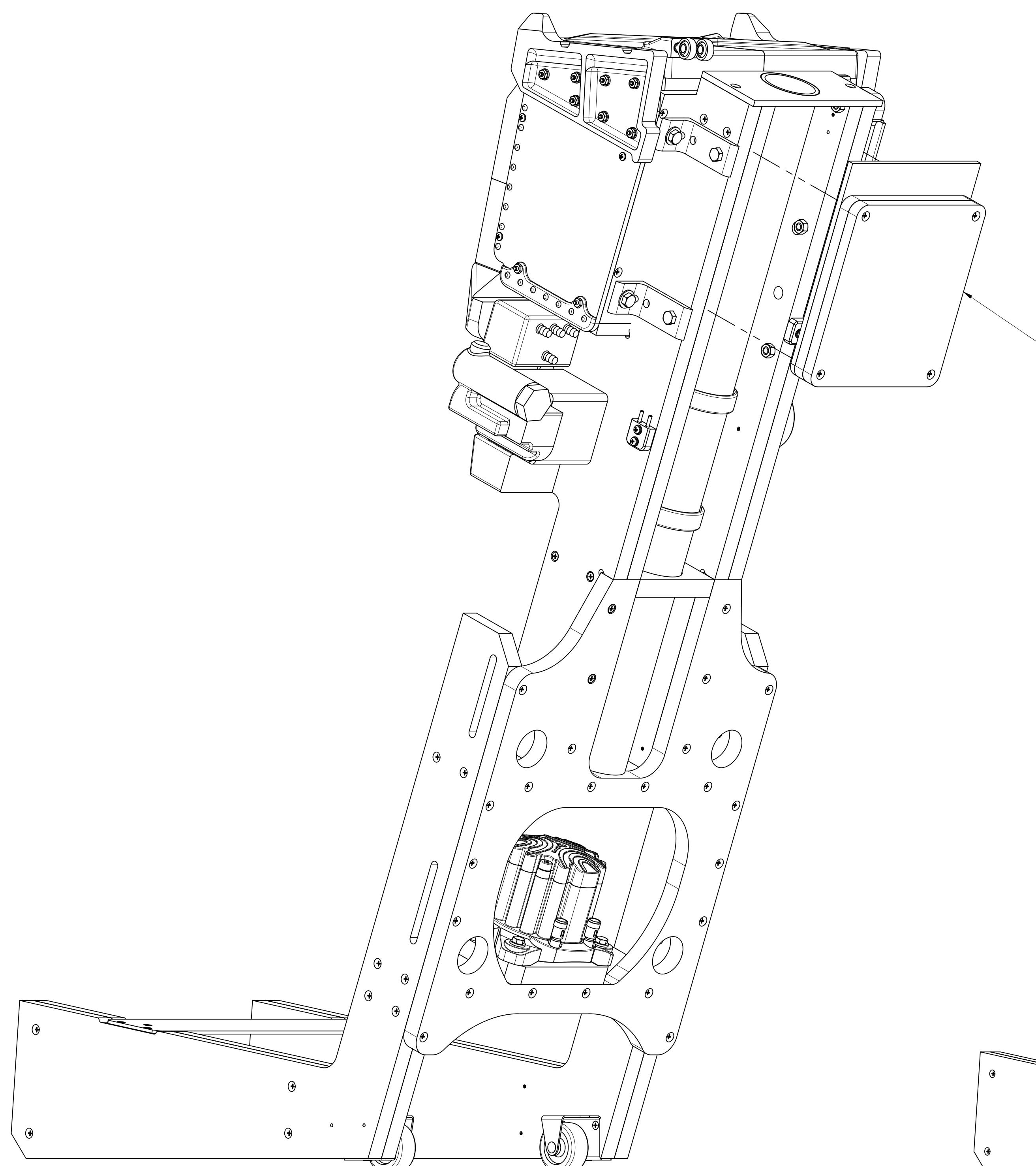
| UNLESS OTHERWISE SPECIFIED: | UOS INCH TOLERANCES ARE: |
|---|---|
| DIMENSIONS ARE IN INCHES. | DECIMALS: X ± .1 ANGLES: MACHINED ± .5° |
| DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS. | XX ± .03 LOCATING ± .5° |
| INTERPRET DRAWING IAW ASME Y14.100-2017. | XXX ± .010 FORMED ± 2° |
| INTERPRET DIM AND TOL IAW ASME Y14.5-2009. | CHAMFERS ± 5° |
| REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX. | DRILLED HOLE DIAMETERS: .0135 - .125: +.004/-001 .126 - .250: +.005/-001 .251 - .500: +.006/-001 .501 - .750: +.008/-001 .751 - 1.000: +.010/-001 1.001 - 2.000: +.012/-001 |
| DIMENSIONS APPLY BEFORE FINISH. | |
| DESIGNED J. STEENSEN 04/28/2023 | TITLE |
| CHECKED | ASSY, EJECTION SEAT, SJU-17 |
| DRAWN J. STEENSEN 04/28/2023 | CENTER TUB |
| SIZE DWG NO | |
| D | OH3A2-1 |
| REV | - |
| SCALE 1:4 | DO NOT SCALE DWG |
| | SHEET 1/30 |


<https://www.OpenHornet.com>

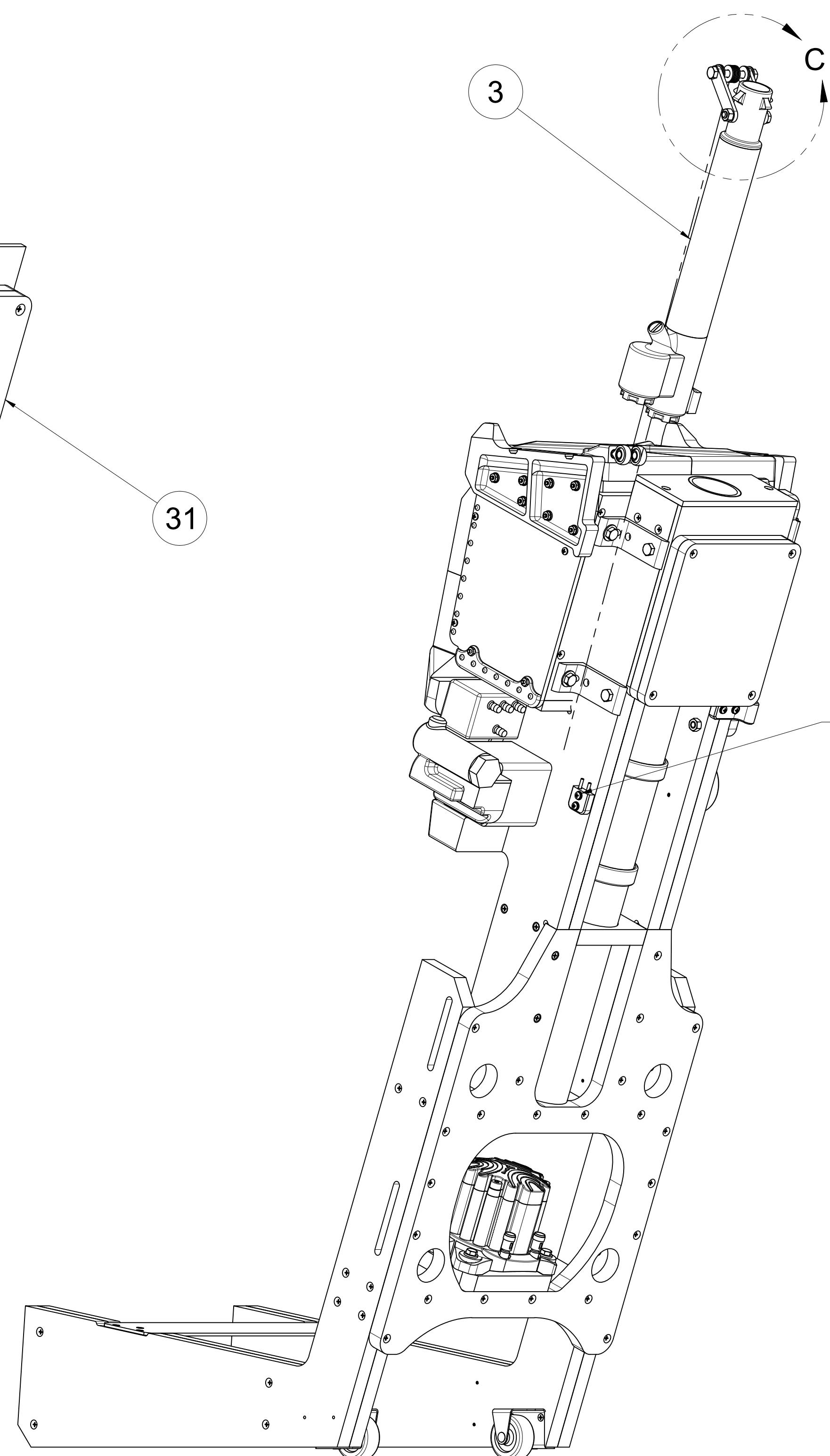


8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

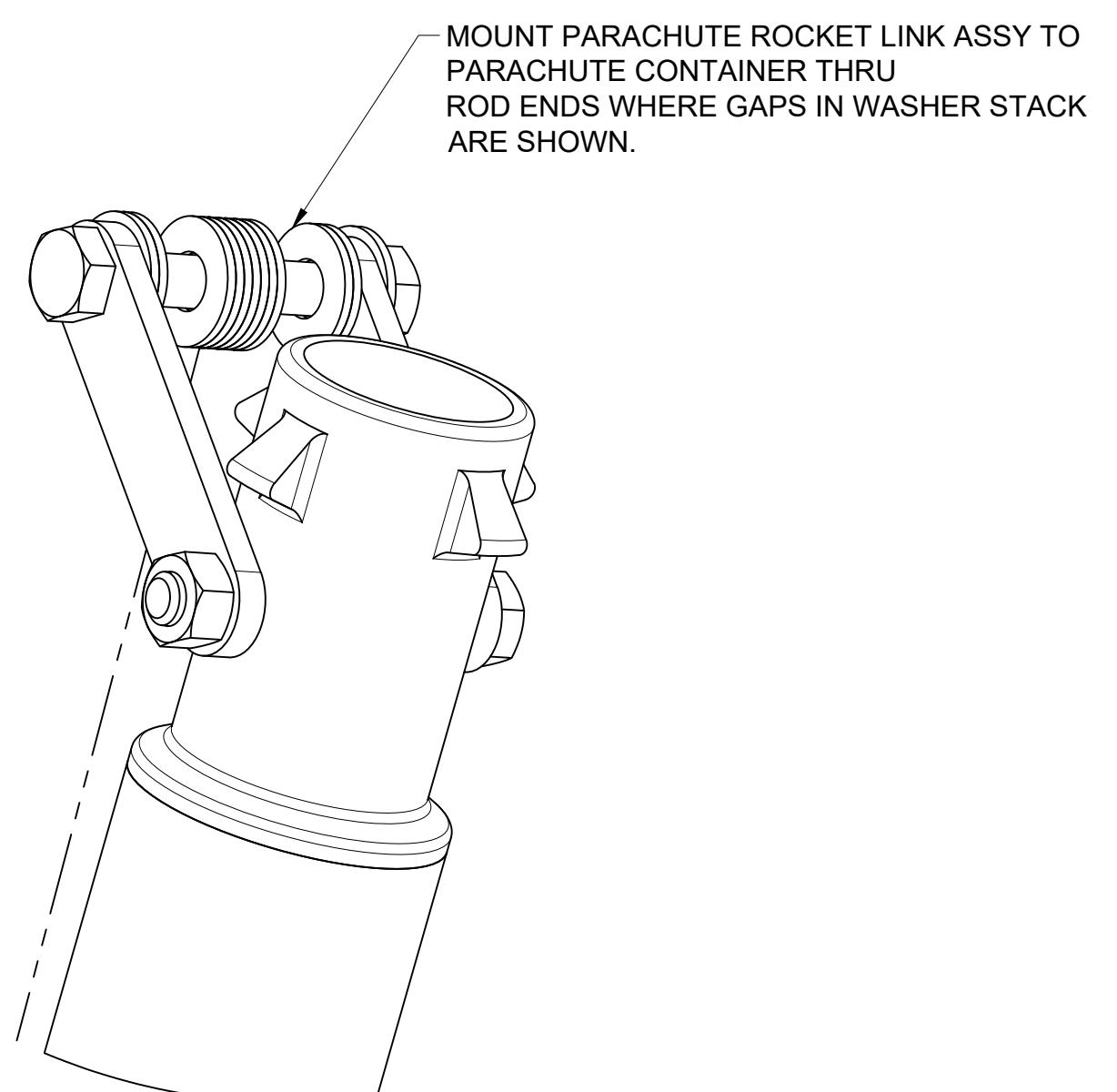
D



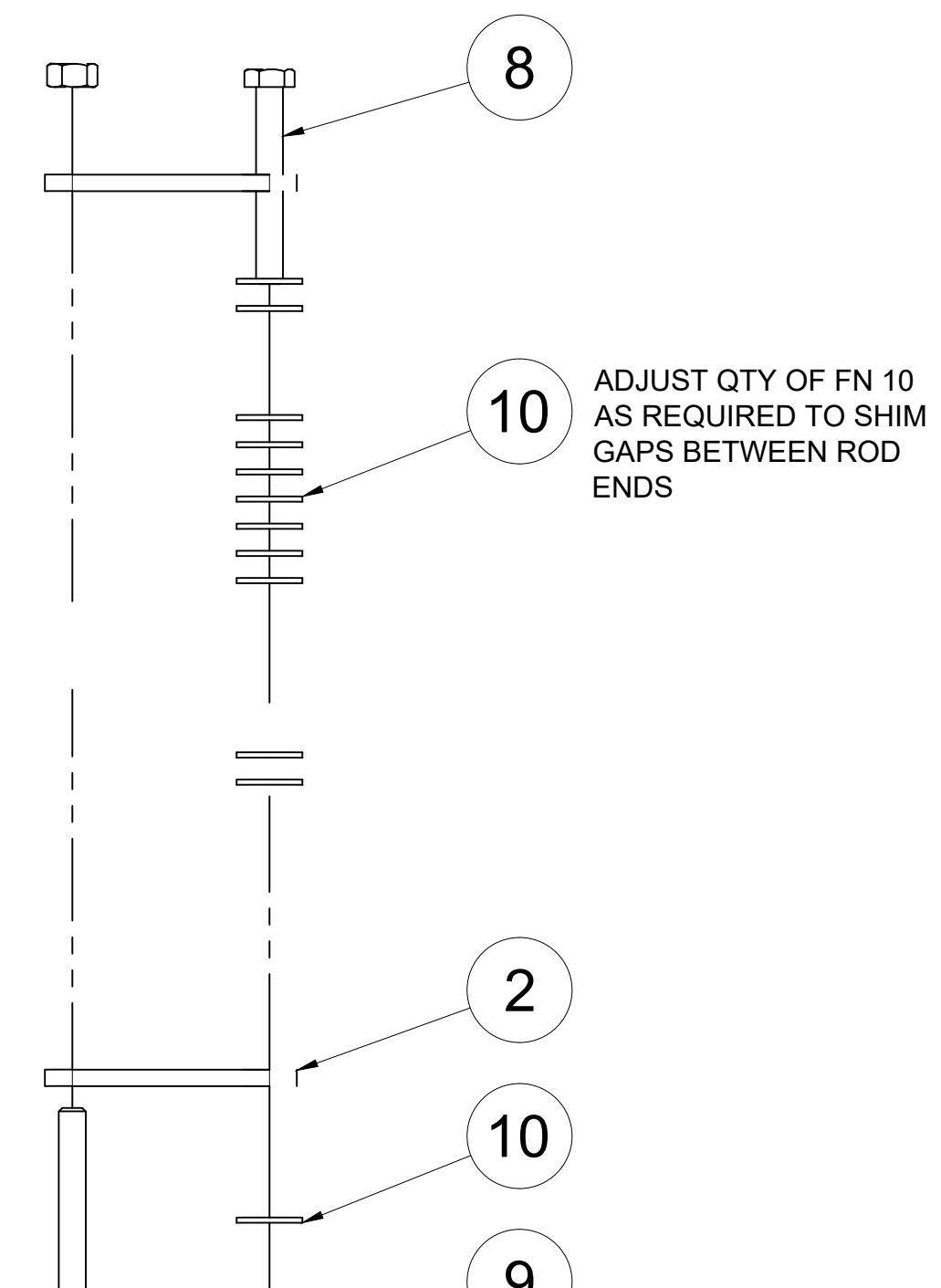
-1 ASSY
BRIDLE CONTAINER
COVER INSTALLATION



-1 ASSY
PARACHUTE
ROCKET
INSTALLATION



DETAIL C
SCALE 1:1



-1 ASSY
PARACHUTE
ROCKET LINK
ASSEMBLY



SIZE D

REV -

DWG NO
OH3A2-1

SCALE N/A

SHEET 3/30

8

7

6

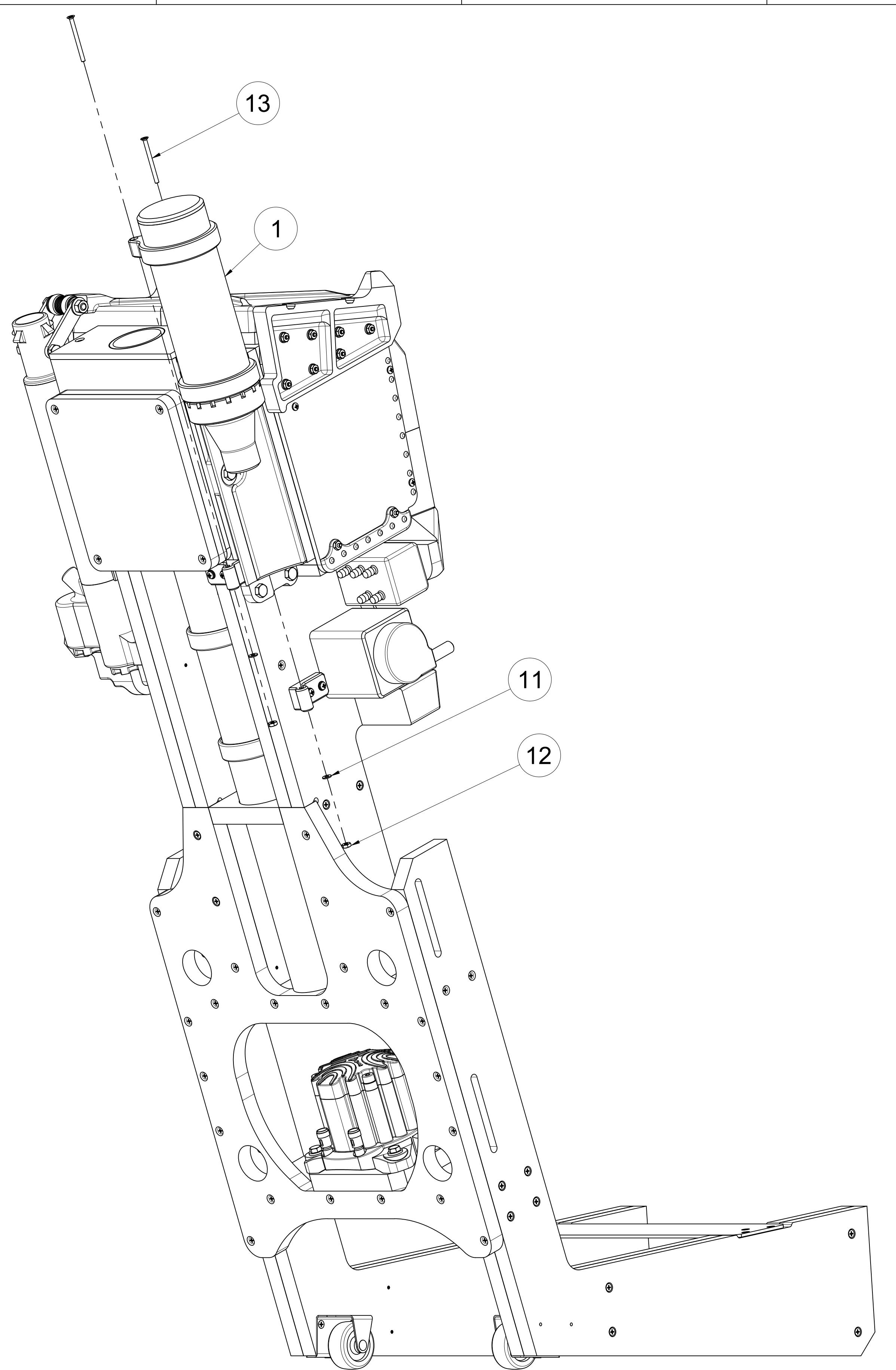
5

4

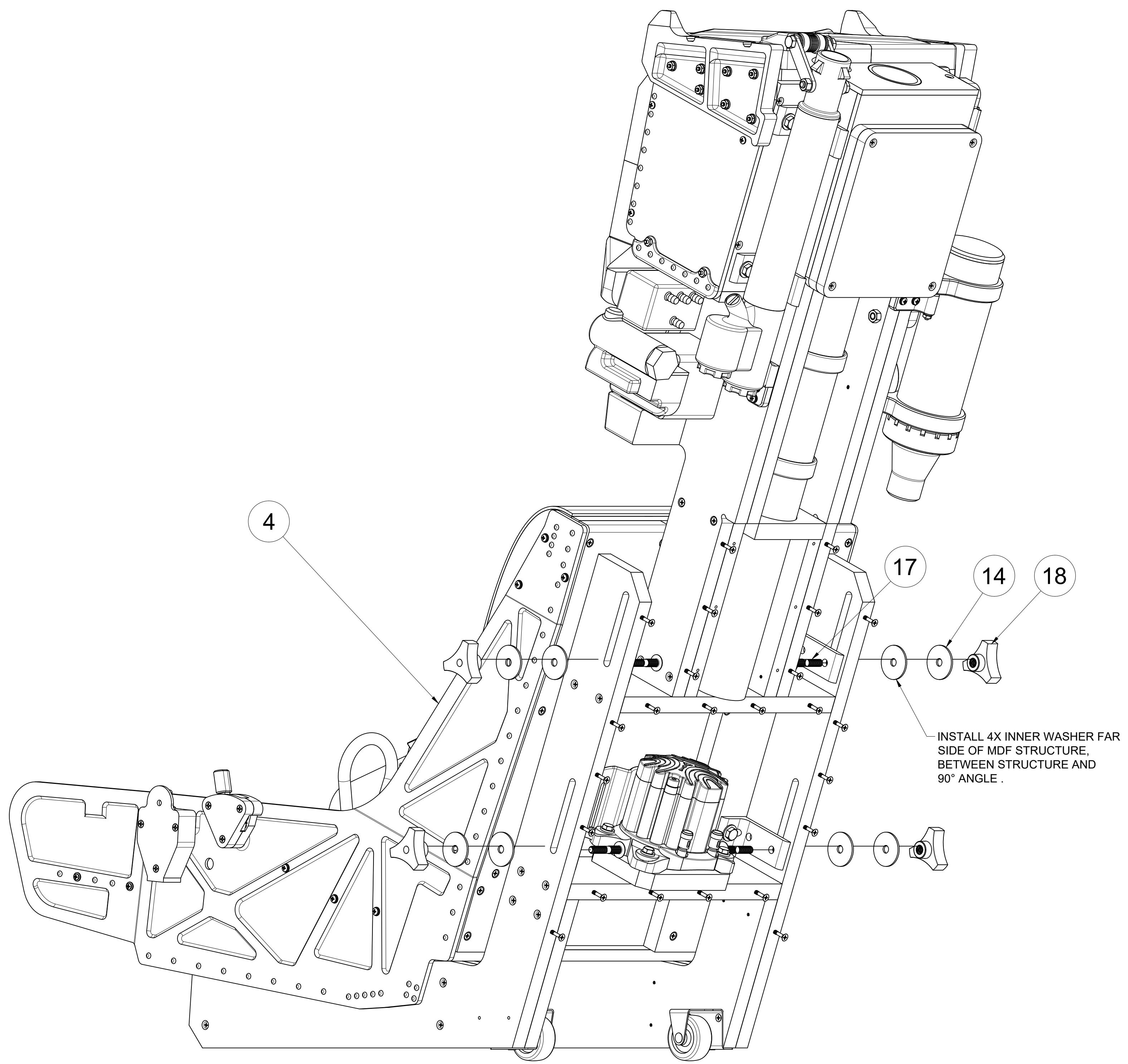
3

2

1



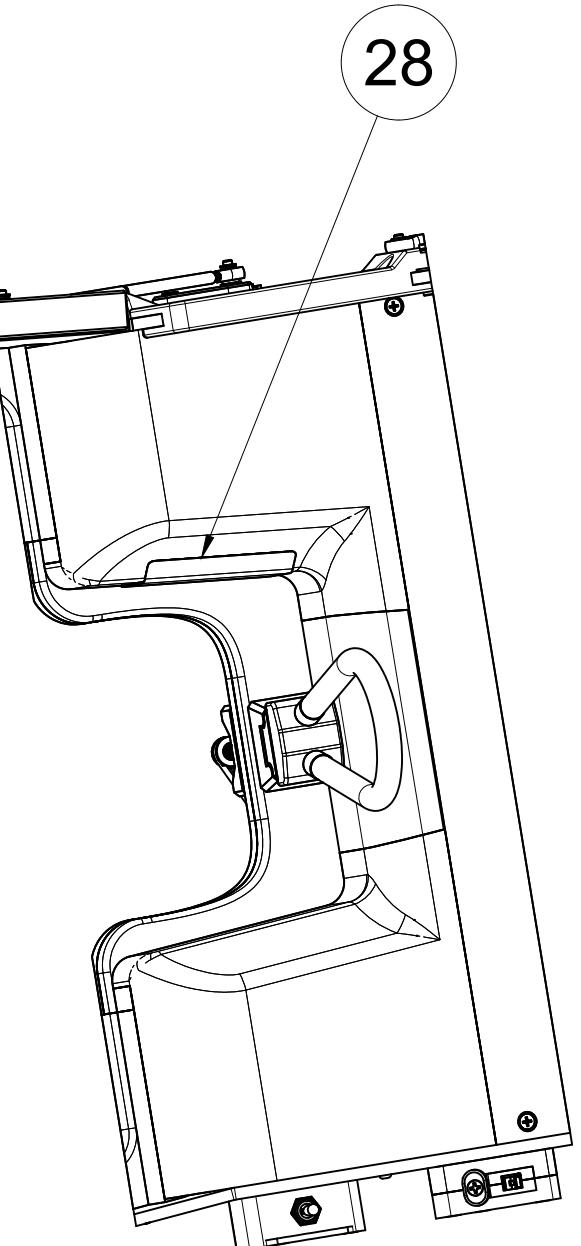
-1 ASSY
DROGUE PARACHUTE
CATAPULT INSTALLATION



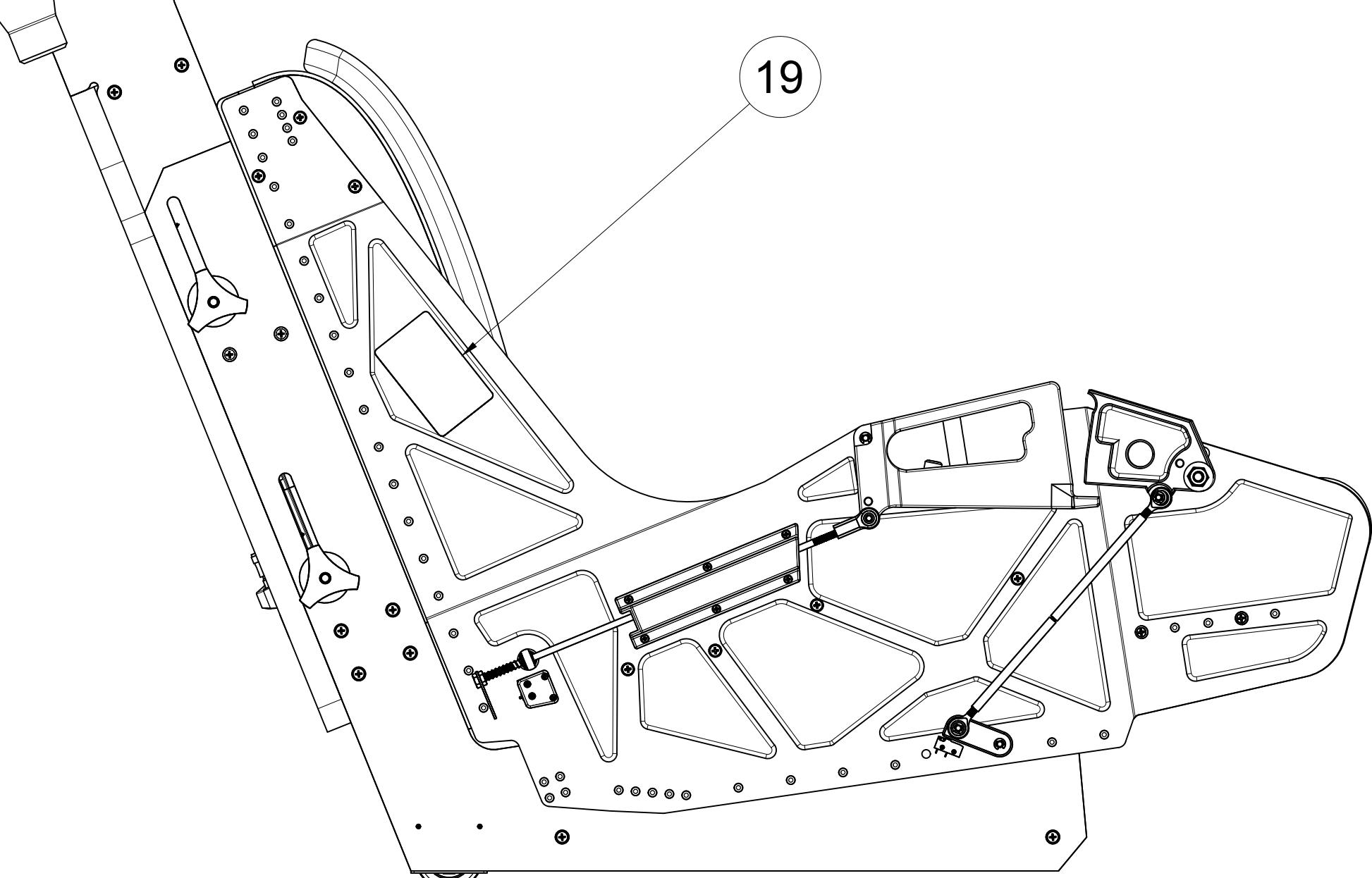
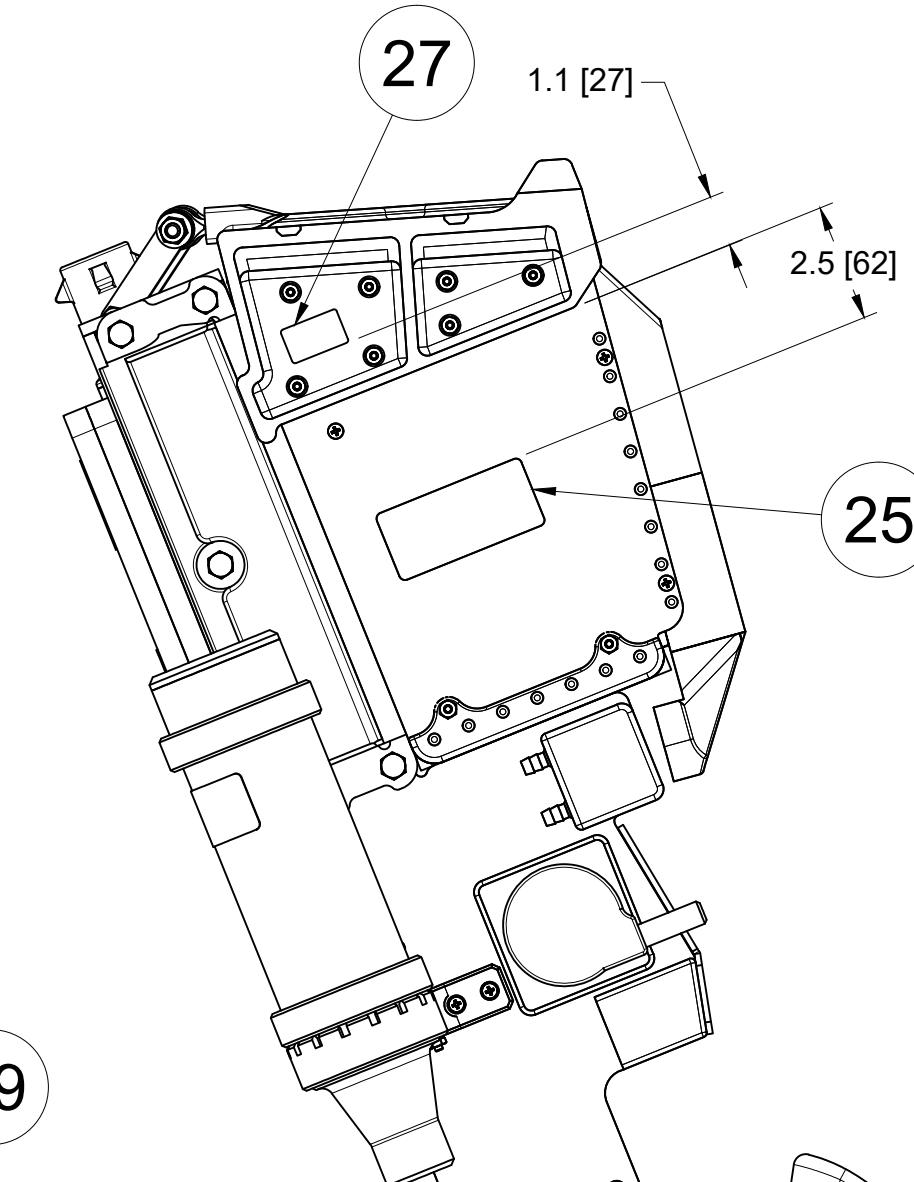
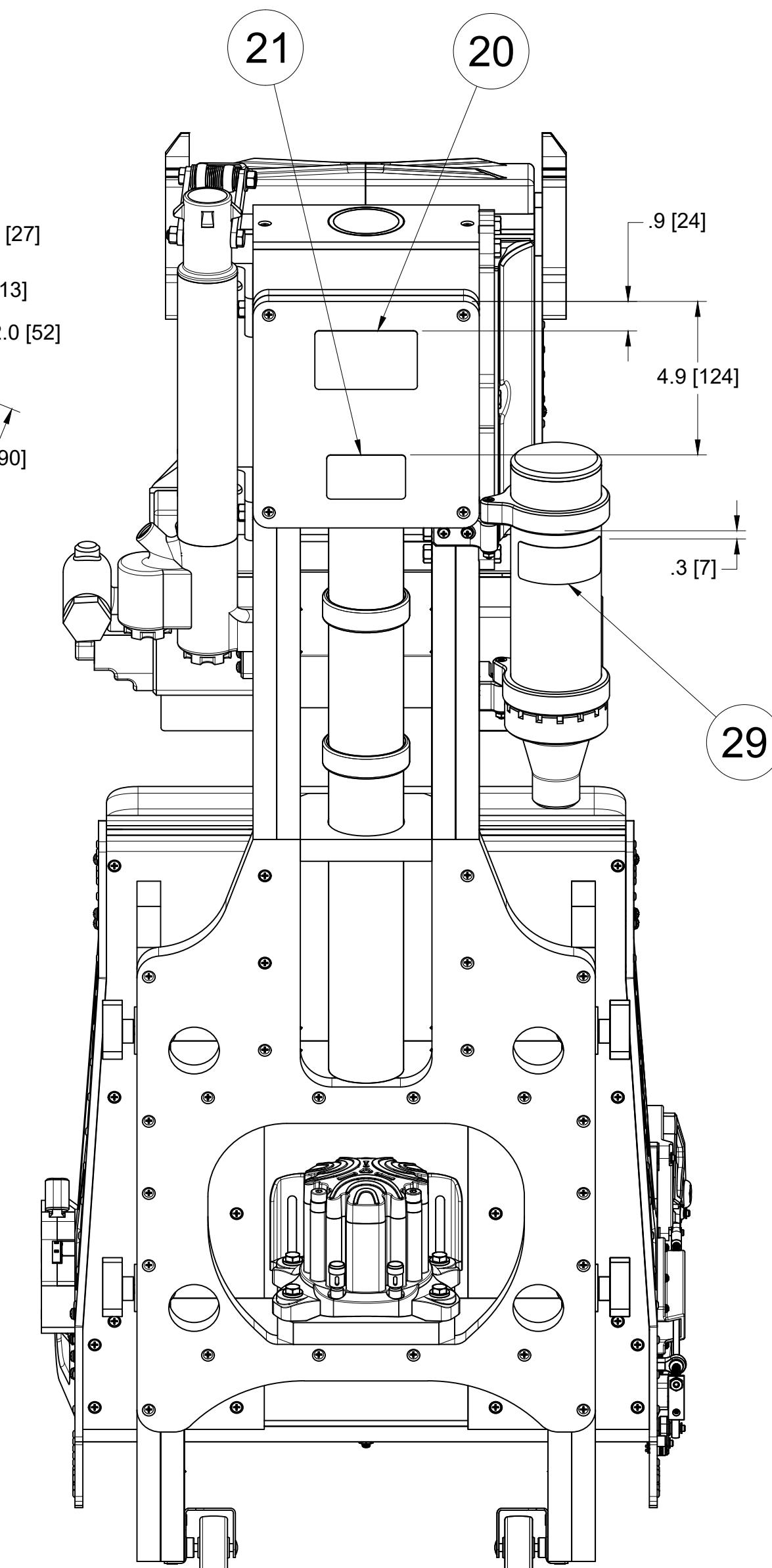
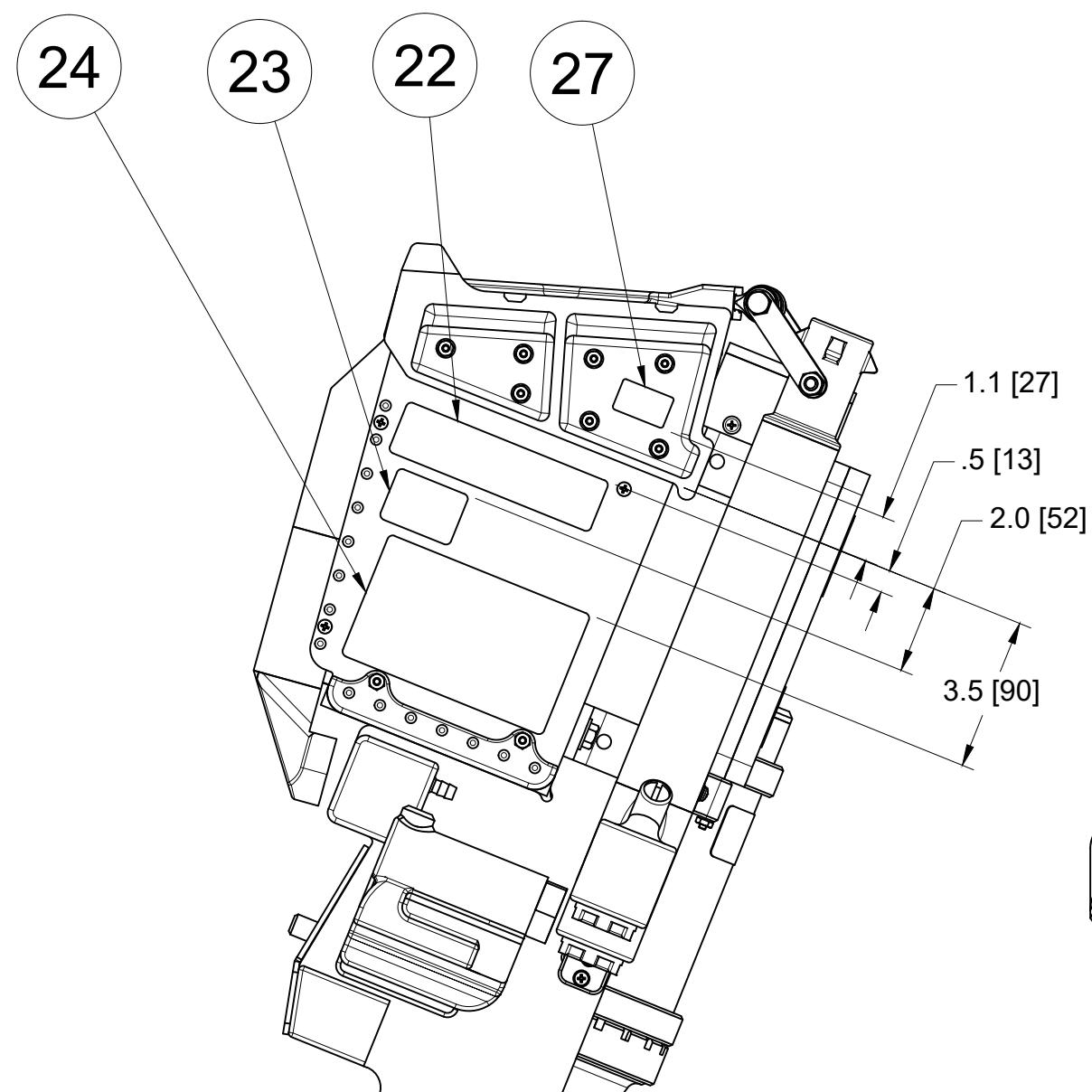
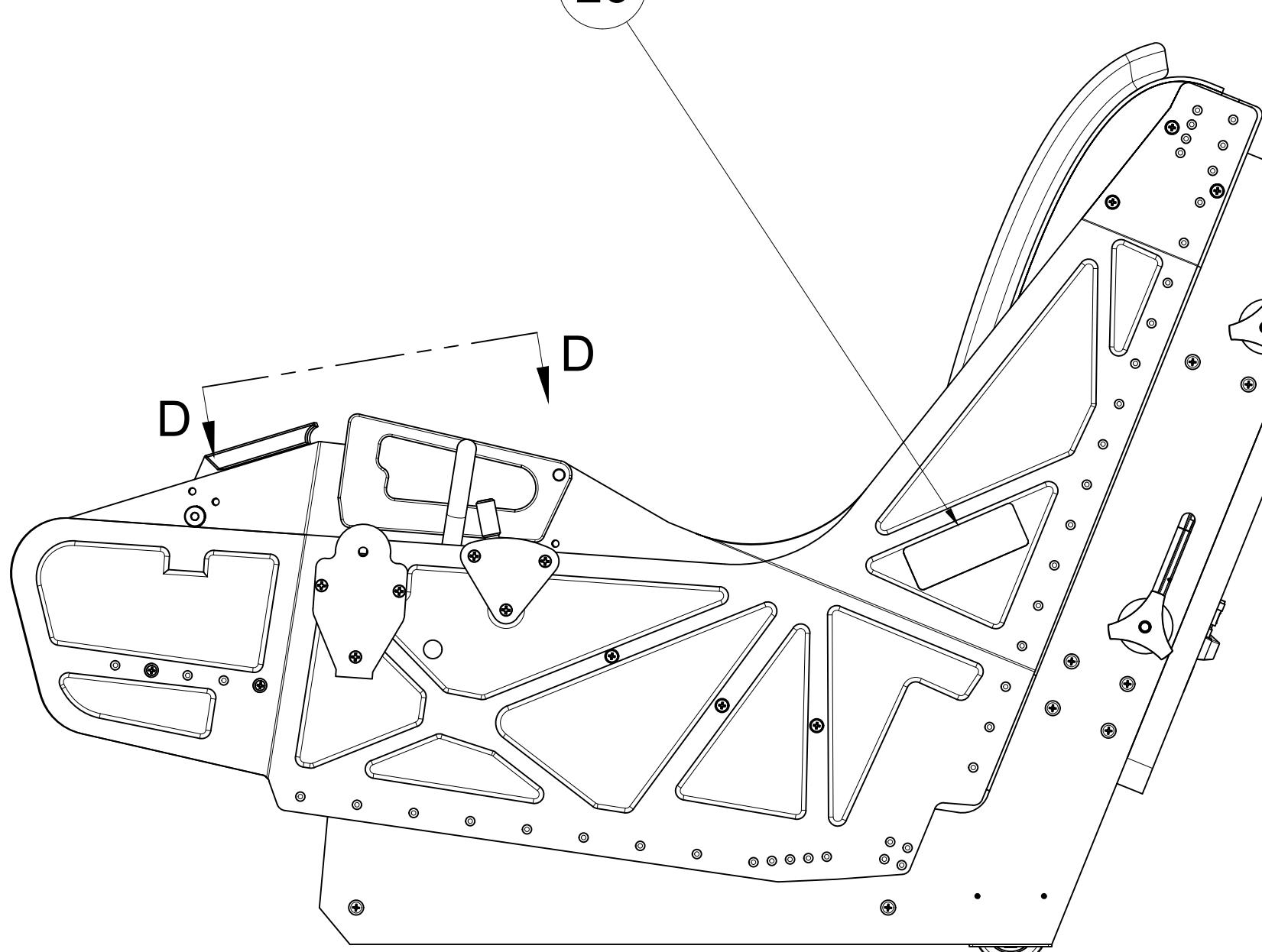
-1 ASSY
SEAT BUCKET
INSTALLATION
(REAR PLATE HIDDEN
FOR CLARITY)

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

D



SECTION D-D
SCALE 1:4



-1 ASSY
DECAL
INSTALLATION

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



SIZE

D

DWG NO

-

OH3A2-1

REV -

SCALE 1:8

SHEET 5/30

8

7

6

5

4

3

2

1

8 7 6 5 4 3 2 1

D

D

C

C

D

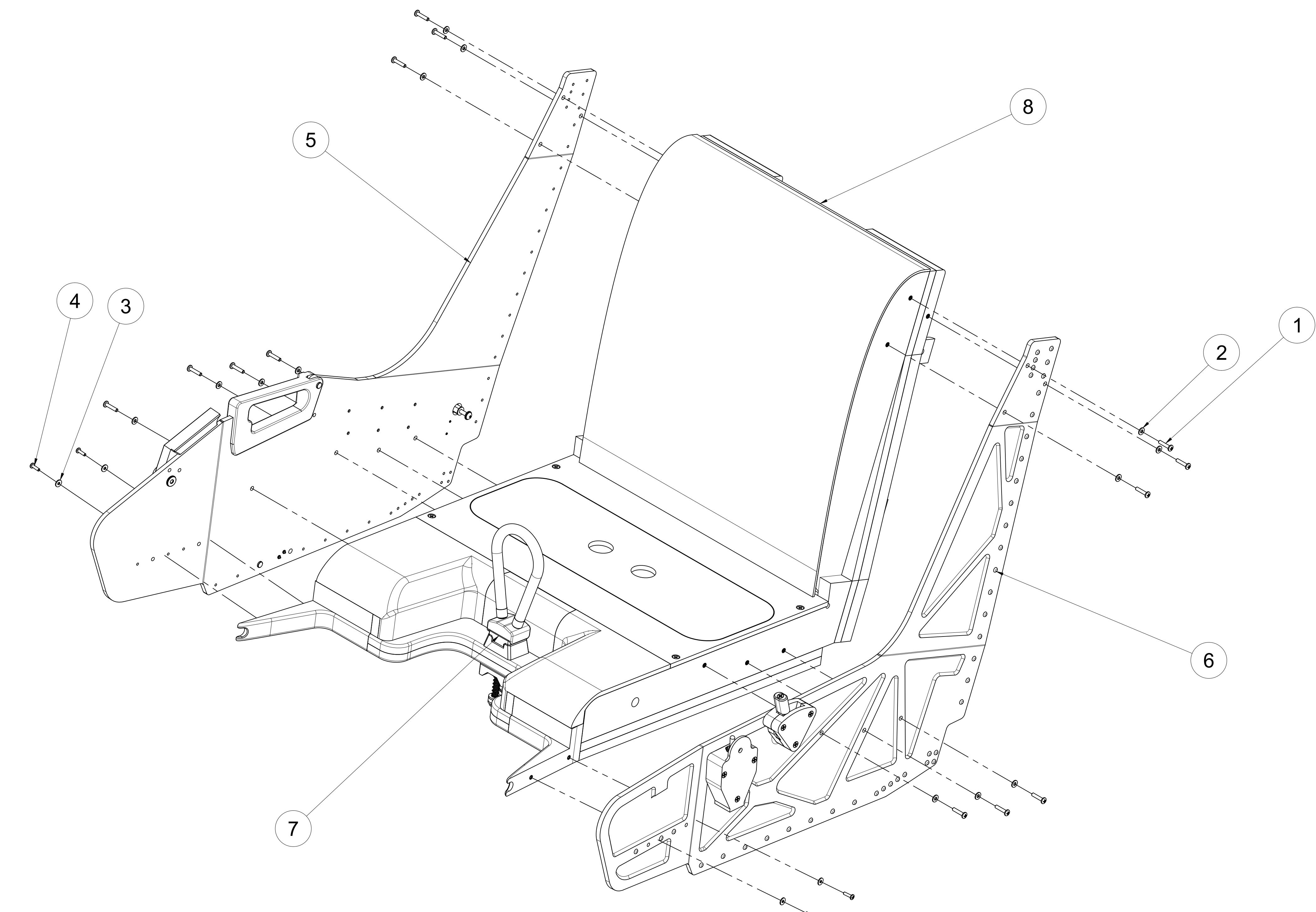
D

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 |

SIZE
D
REV
-DWG NO
OH3A2-100

SCALE 1:3

SHEET 6/30

8 7 6 5 4 3 2 1

D

D

C

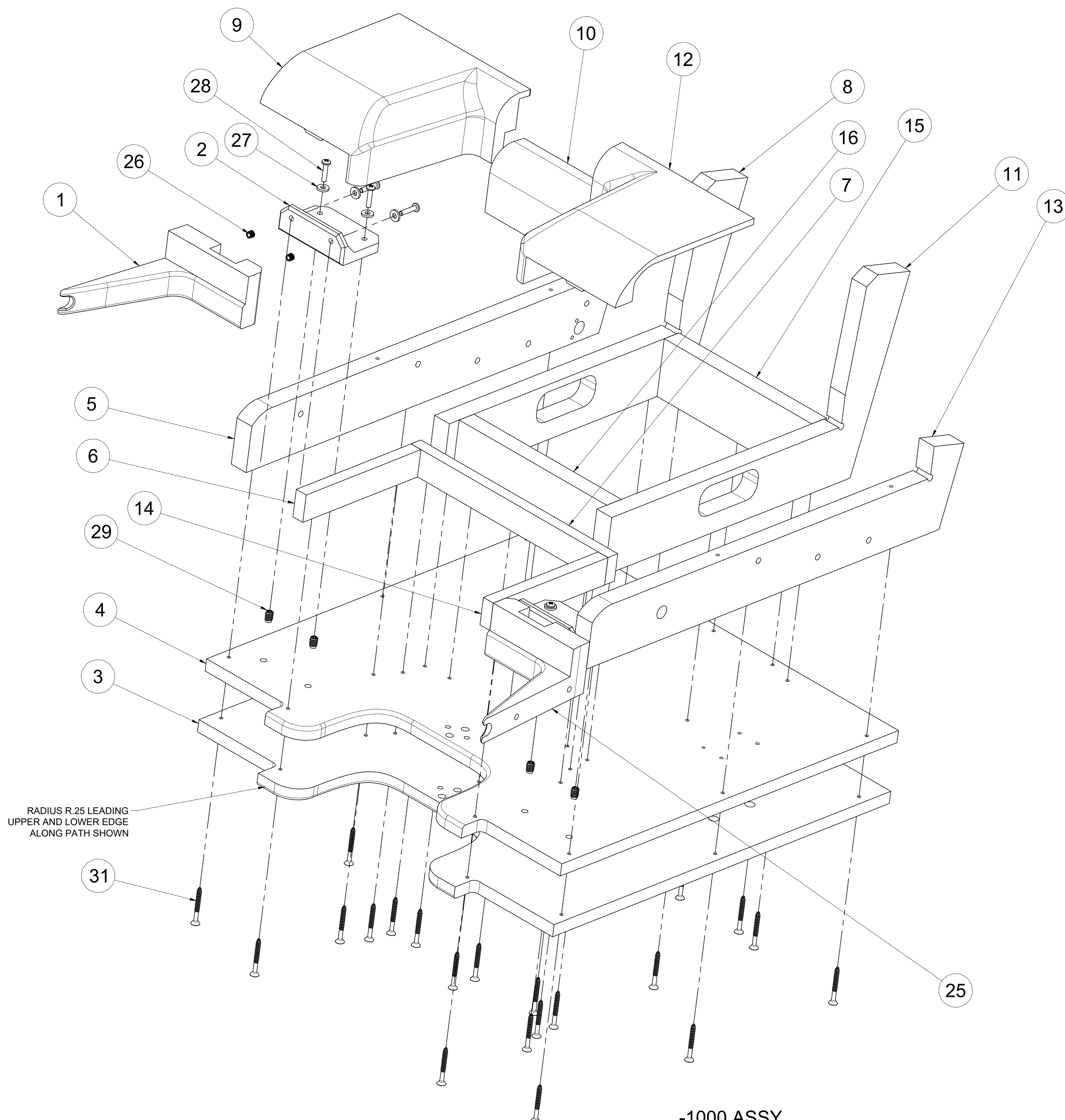
C

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 |

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



SIZE DWG NO
D OH3A2A-1000
REV -
SCALE 1:2
SHEET 7/30

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

D

D

C

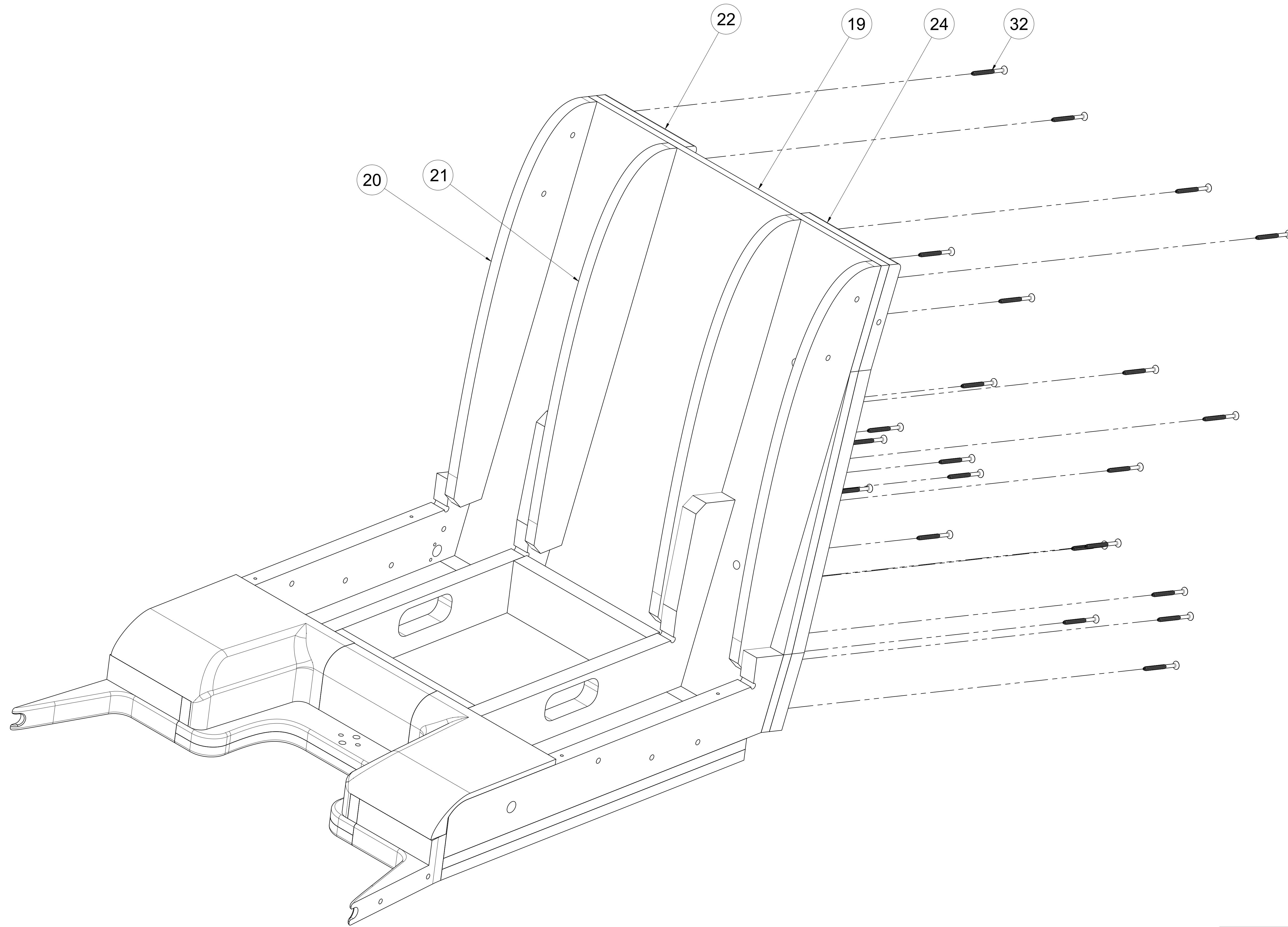
C

B

B

A

A



-1000 ASSY
SEAT BACK
ASSEMBLY

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



SIZE Dwg No D
BY NC SA

OH3A2A-1000
SCALE 1:2

REV -

SHEET 8/30

8 7 6 5 4 3 2 1

D

D

C

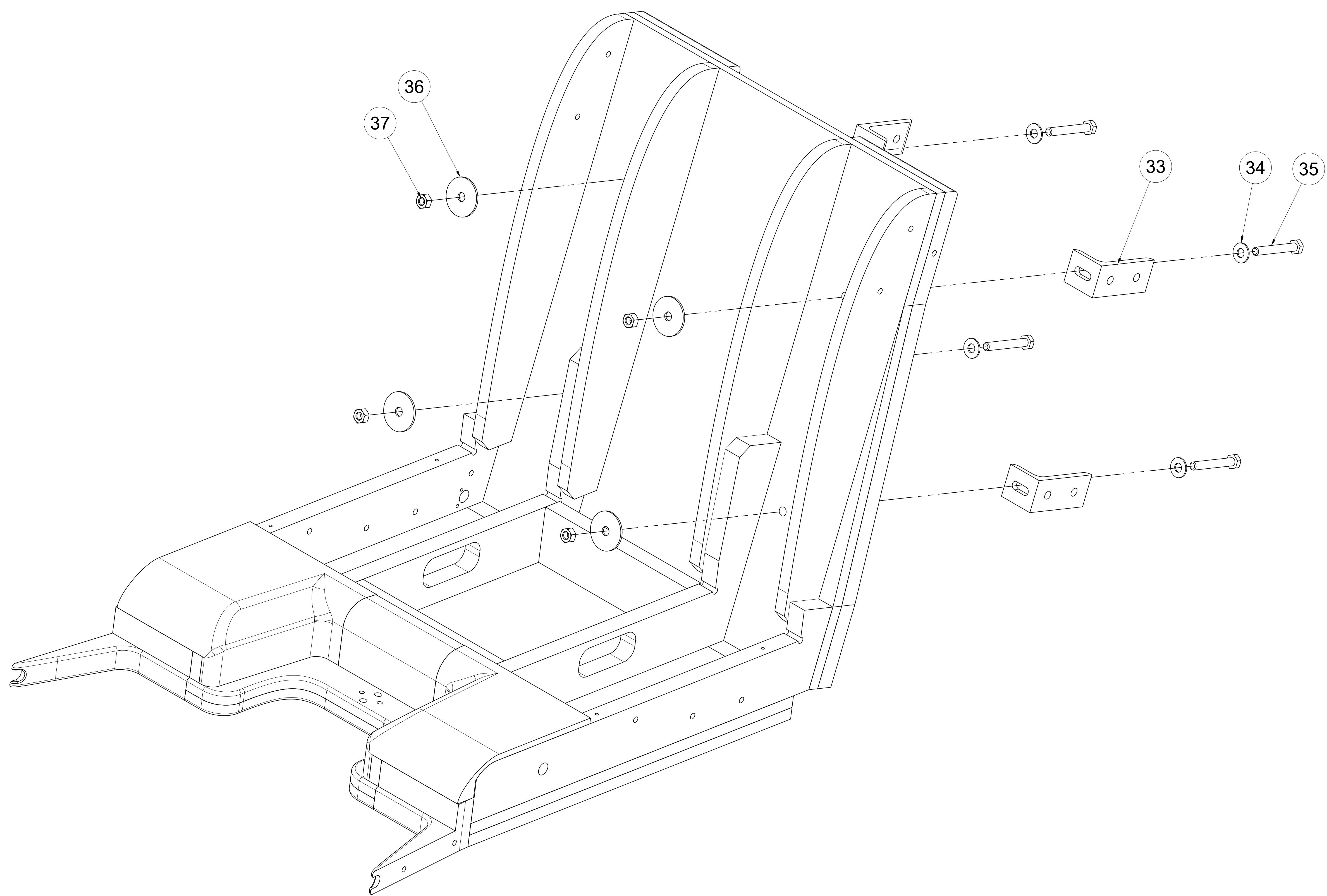
C

B

B

A

A



-1000 ASSY
SEAT BACK
ASSEMBLY

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

SIZE Dwg No D
BY NC SA OH3A2A-1000 REV -
SCALE 1:2 SHEET 9/30

8 7 6 5 4 3 2 1

D

D

C

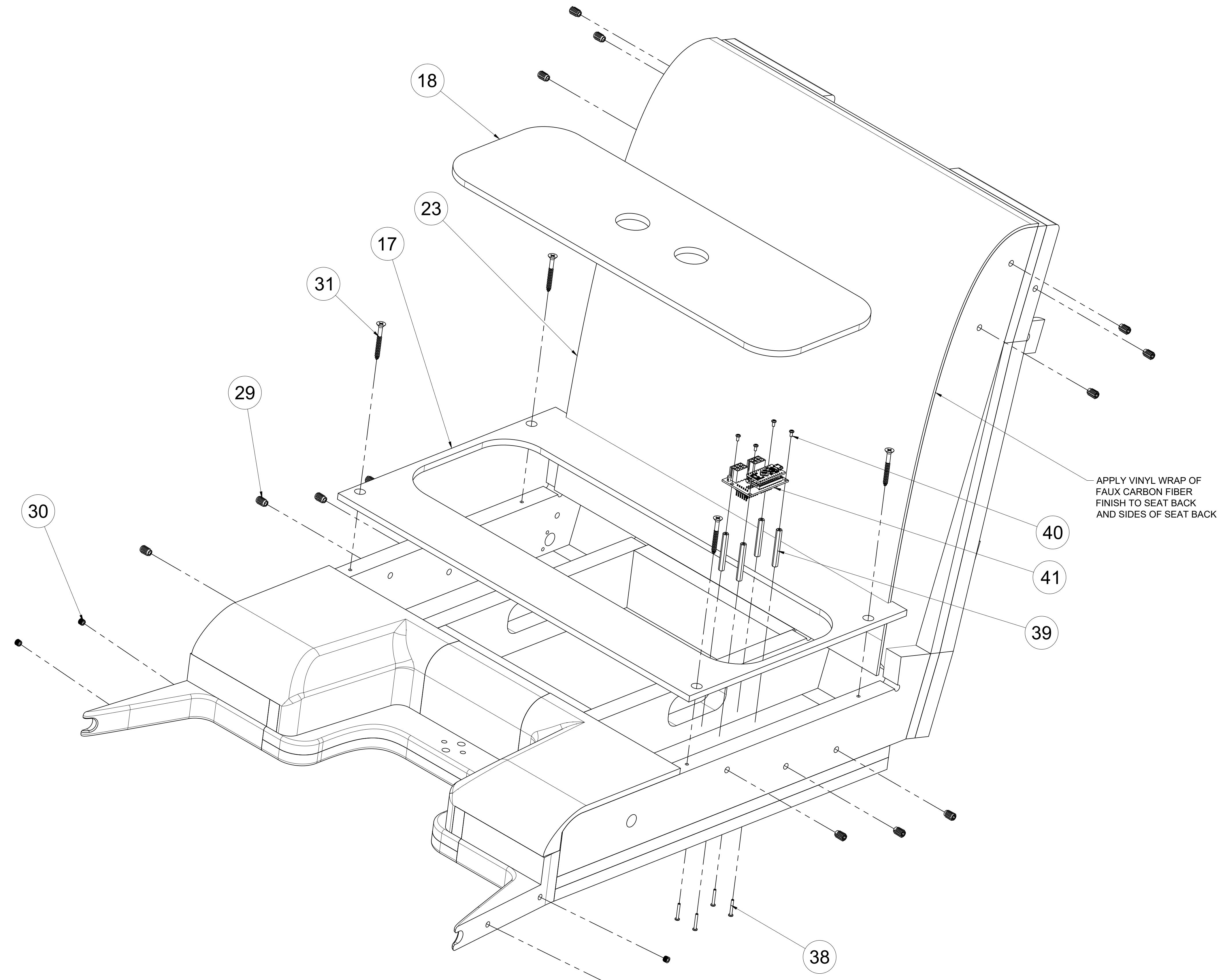
C

B

B

A

A



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

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

SIZE Dwg No D OH3A2A-1000 REV -
cc BY NC SA SCALE 1:2 SHEET 10/30

8 7 6 5 4 3 2 1

D

D

C

DETAIL E
SCALE 1:2

C

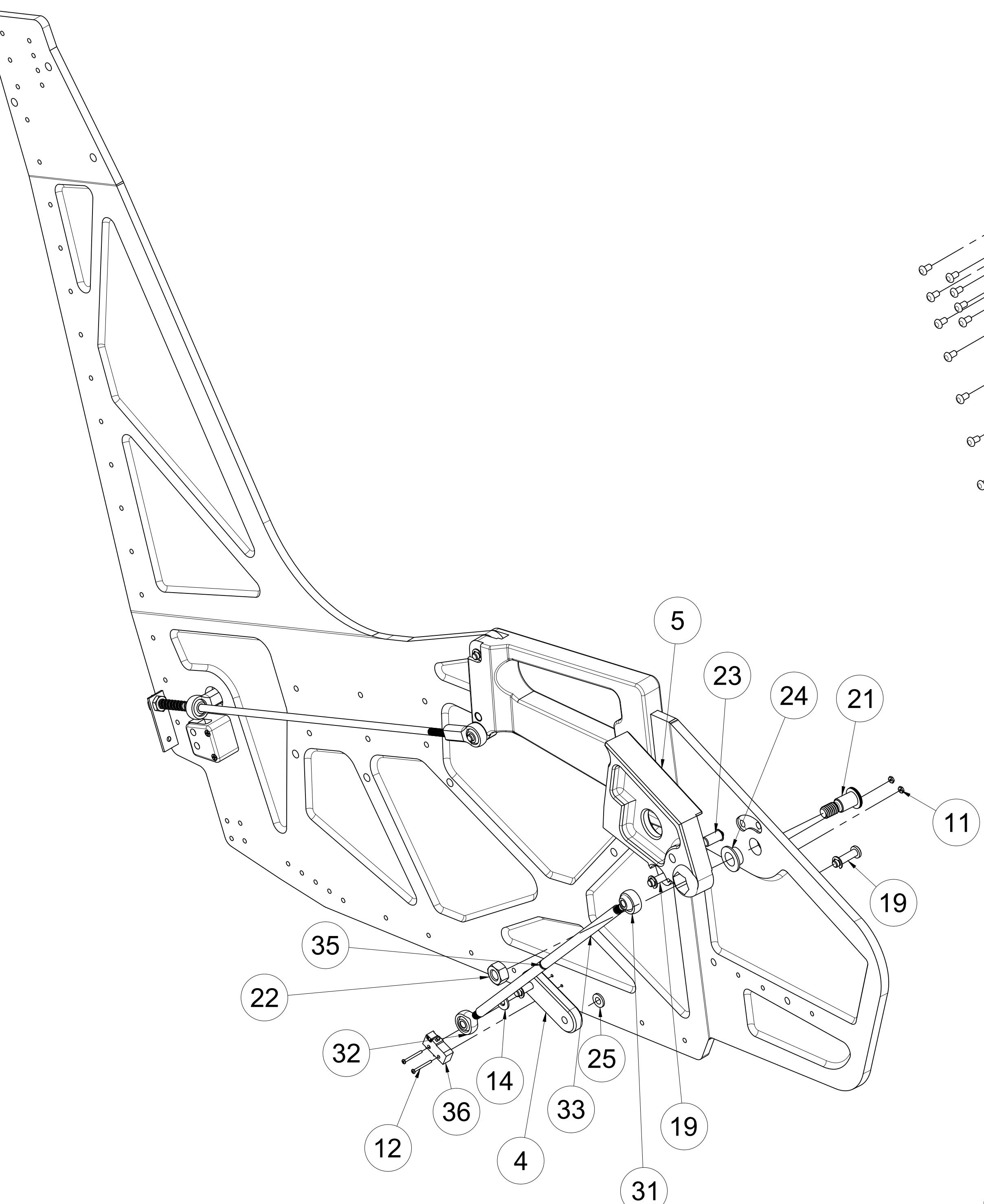
B

B

A

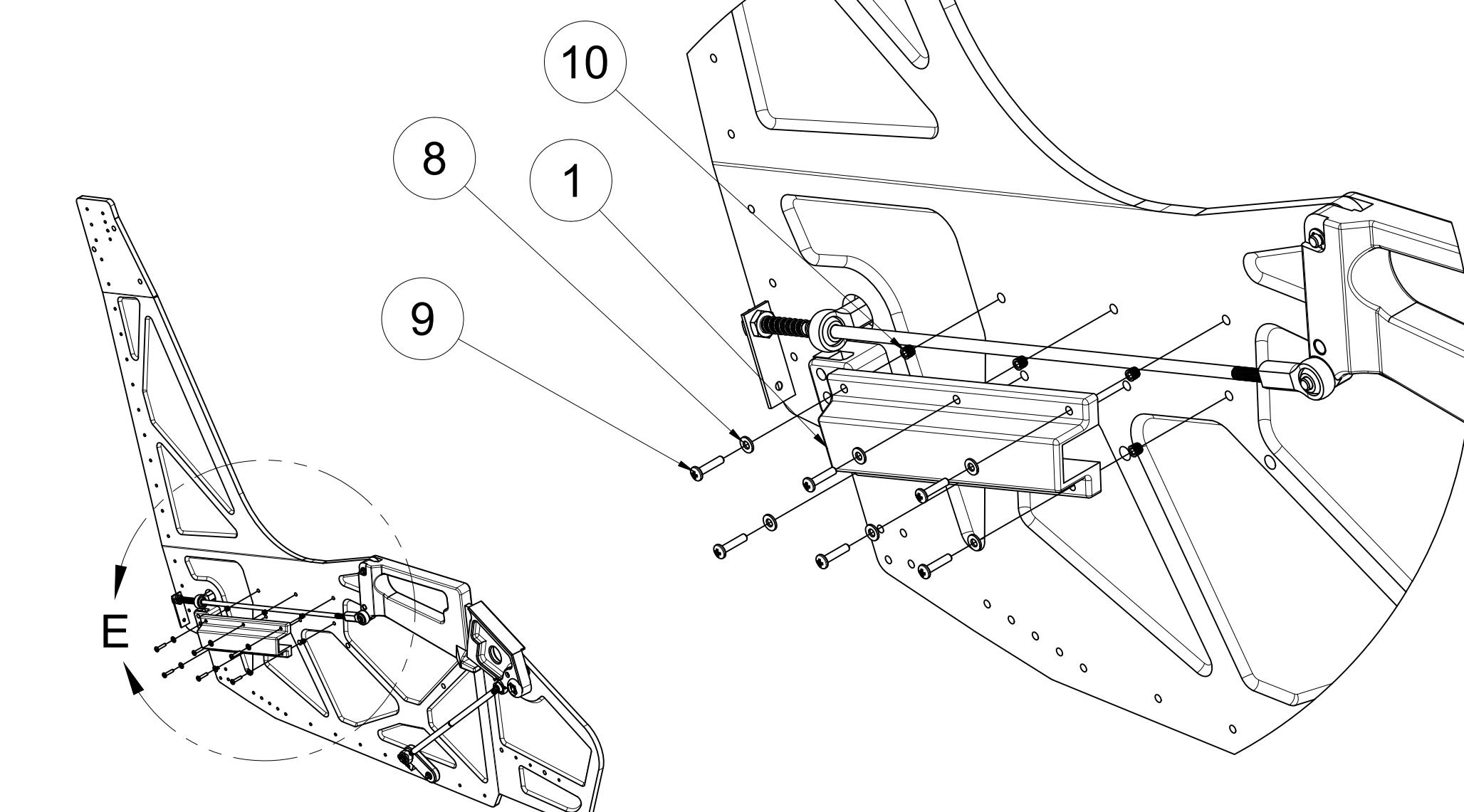
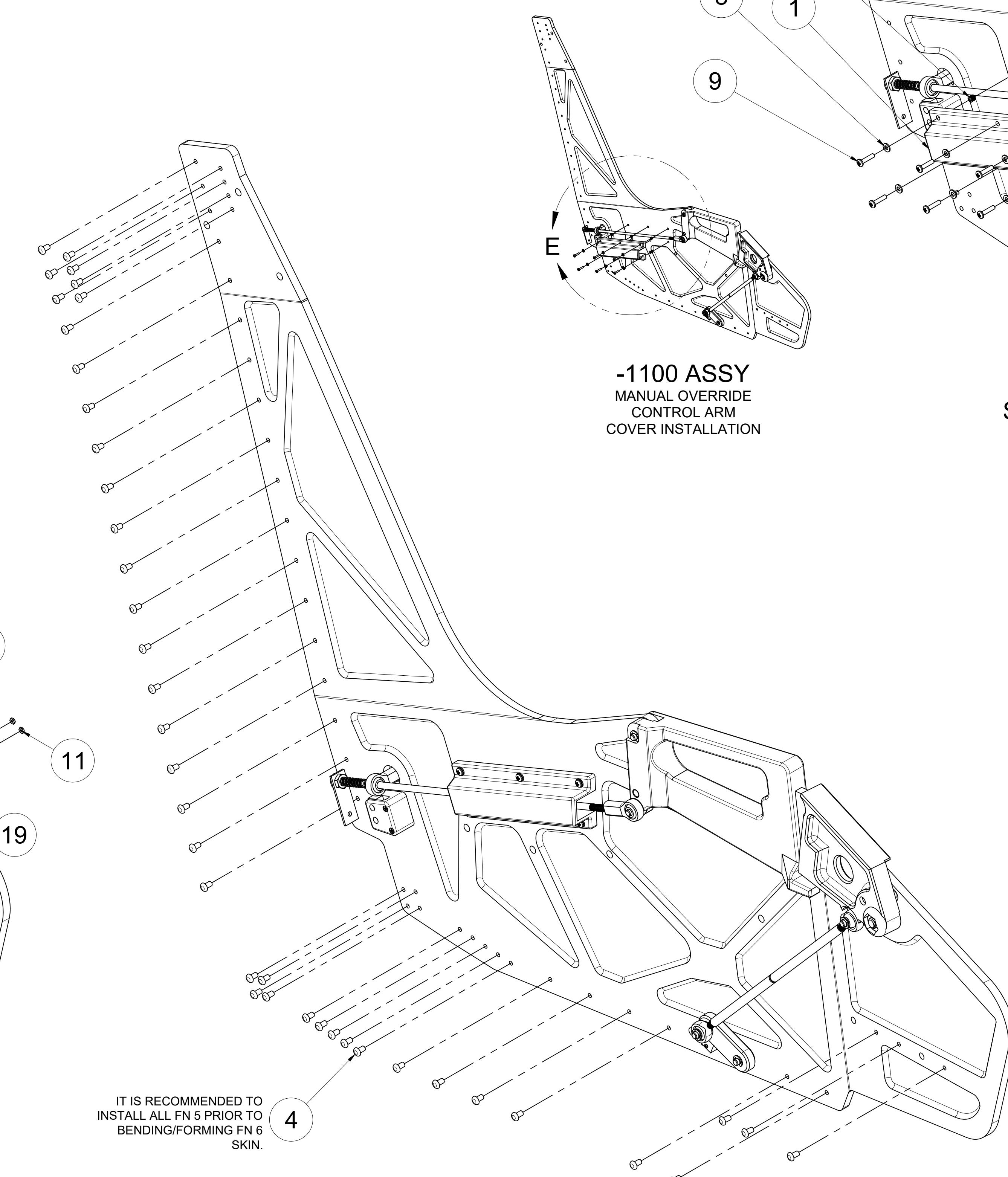
A

-1100 ASSY
SEAT ARMING LEVER
INSTALLATION



IT IS RECOMMENDED TO
INSTALL ALL FN 5 PRIOR TO
BENDING/FORMING FN 6
SKIN.

-1100 ASSY
FAUX RIVET
INSTALLATION



-1100 ASSY
MANUAL OVERRIDE
CONTROL ARM
COVER INSTALLATION

8 7 6 5 4 3 2 1

D

D

C

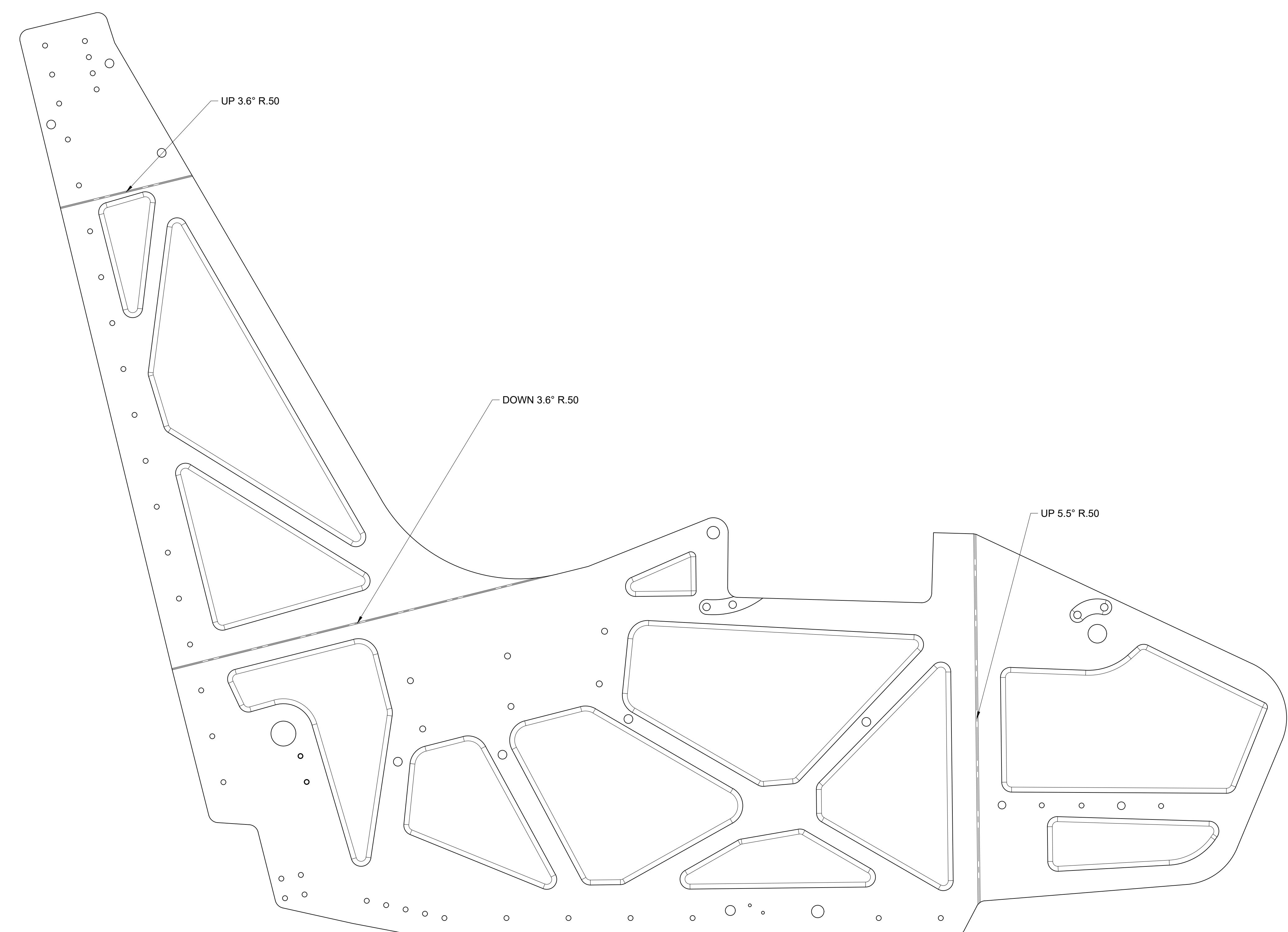
C

B

B

A

A



-125 DETAIL
FLAT PATTERN

8

7

6

5

4

3

2

1

D

D

C

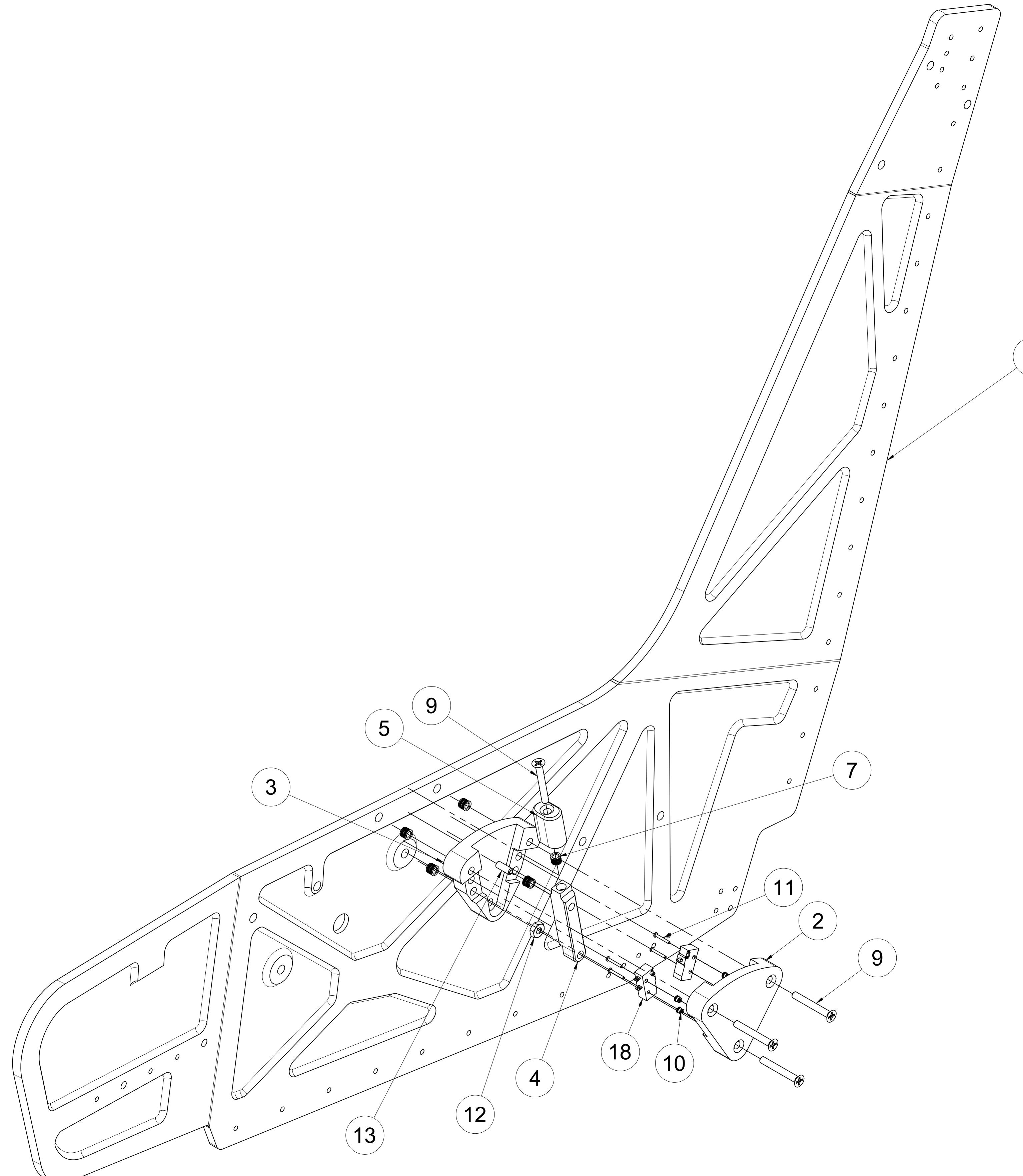
C

B

B

A

A



-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 |

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

D

D

C

C

B

B

A

A

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

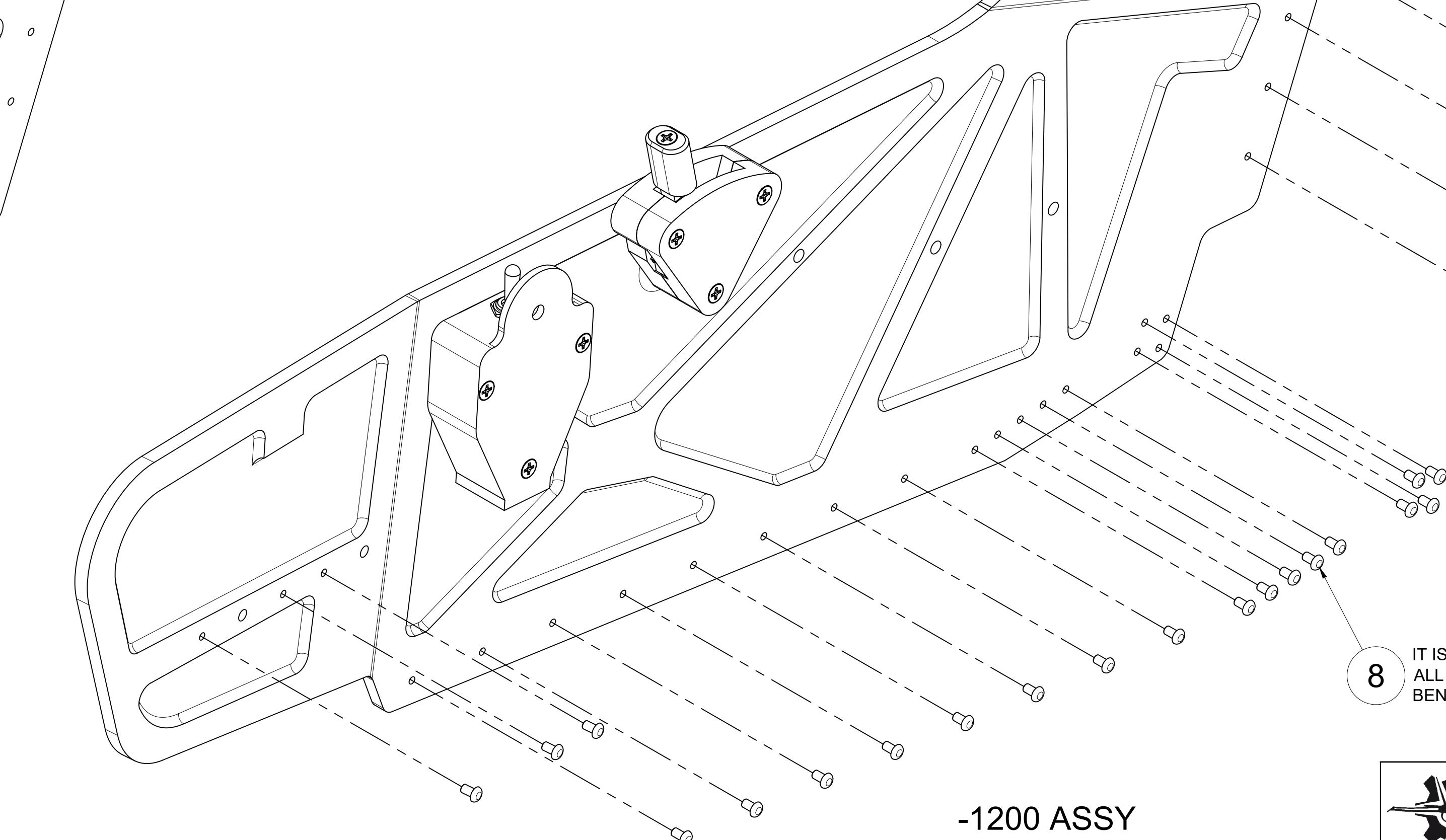
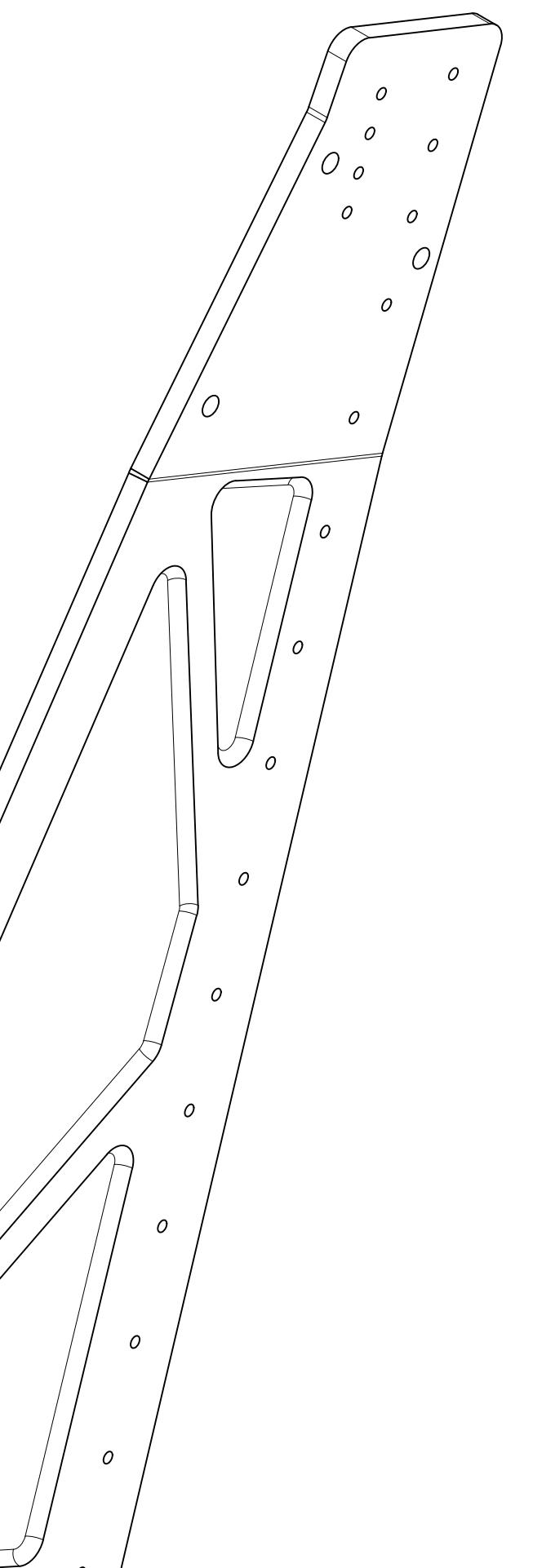
14

7

1

9

-1200 ASSY
SEAT HEIGHT
ADJUSTMENT SWITCH
INSTALLATION



8 7 6 5 4 3 2 1

D

D

C

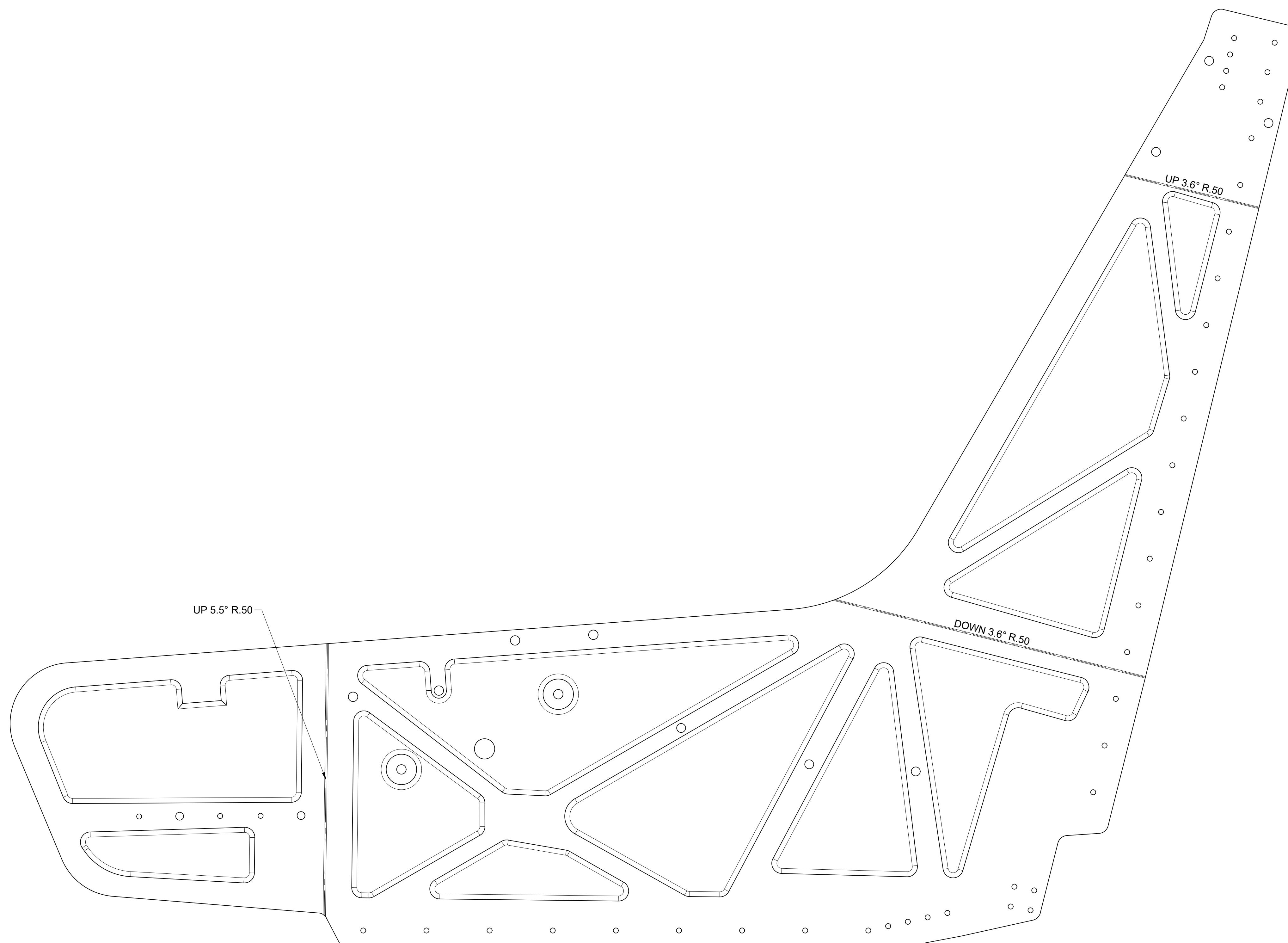
C

B

B

A

A



-126 DETAIL
FLAT PATTERN

8 7 6 5 4 3 2 1

D

D

C

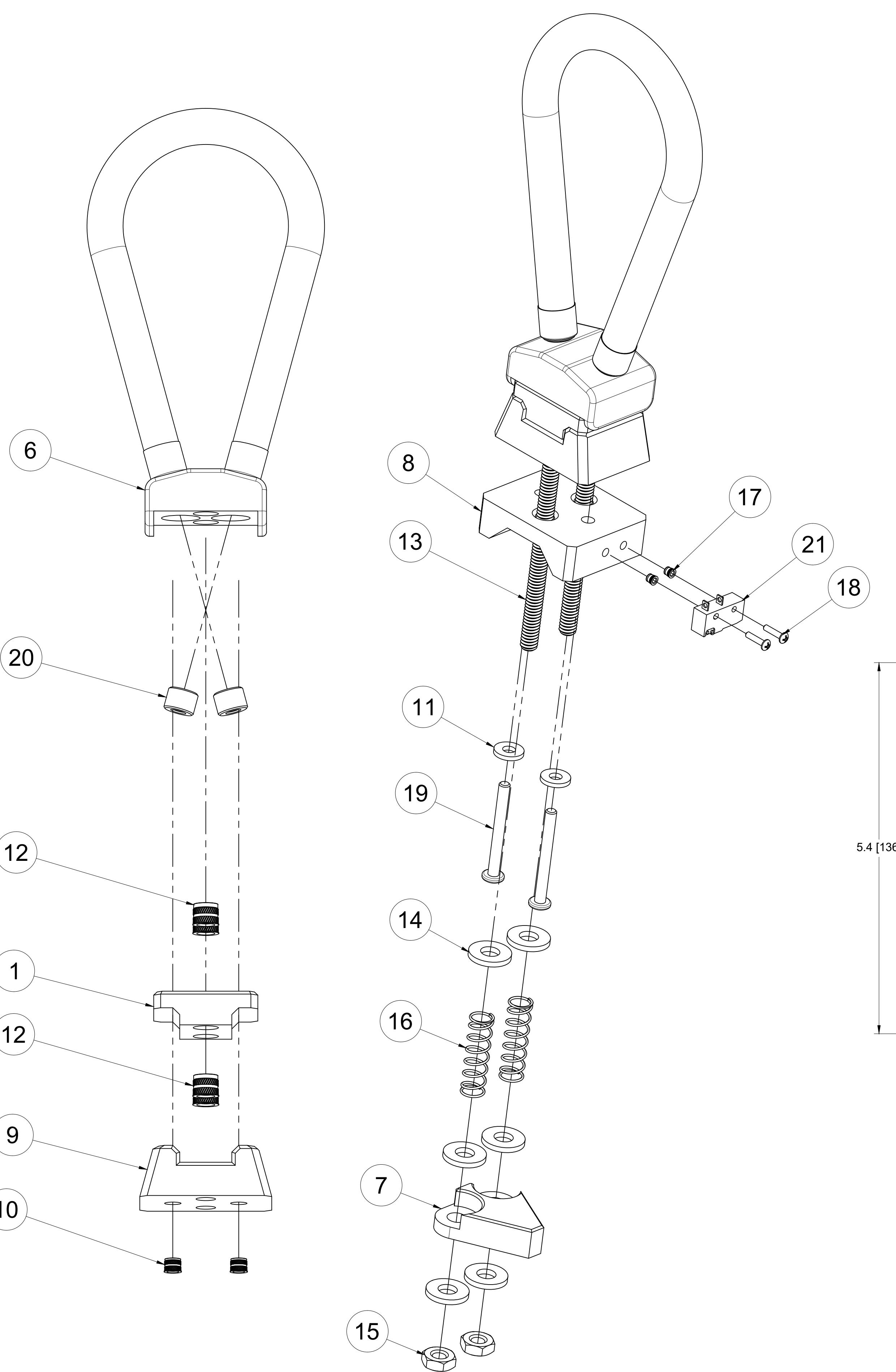
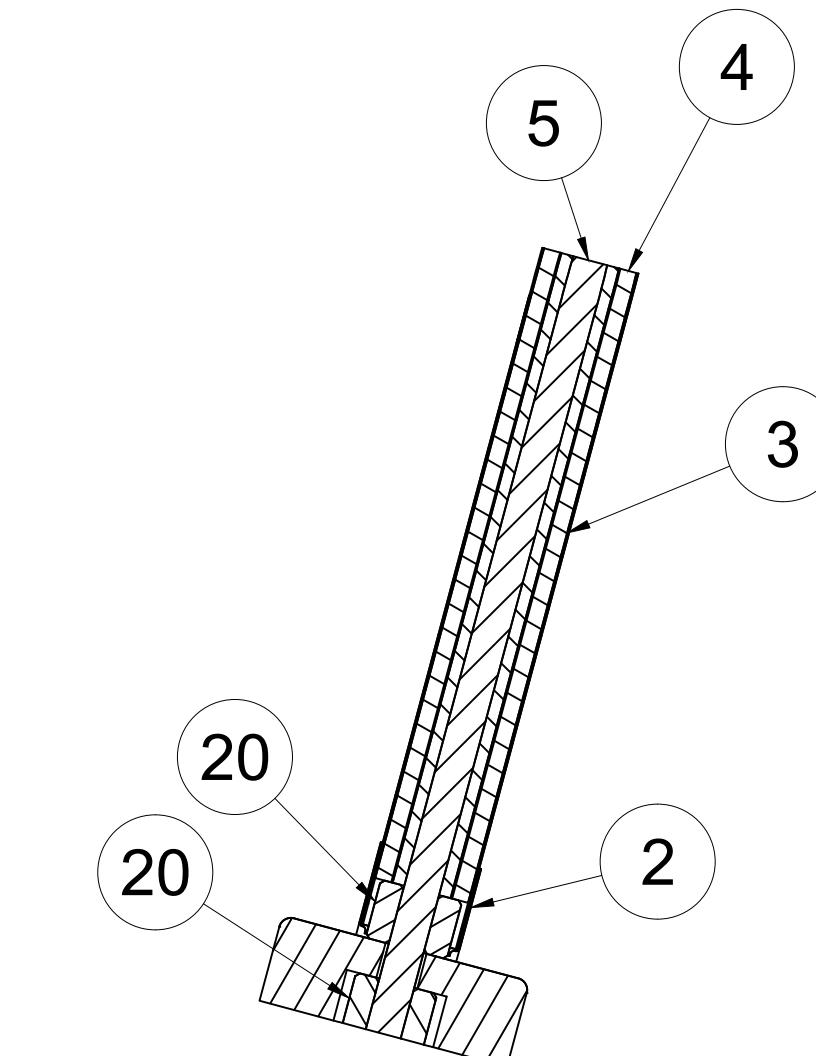
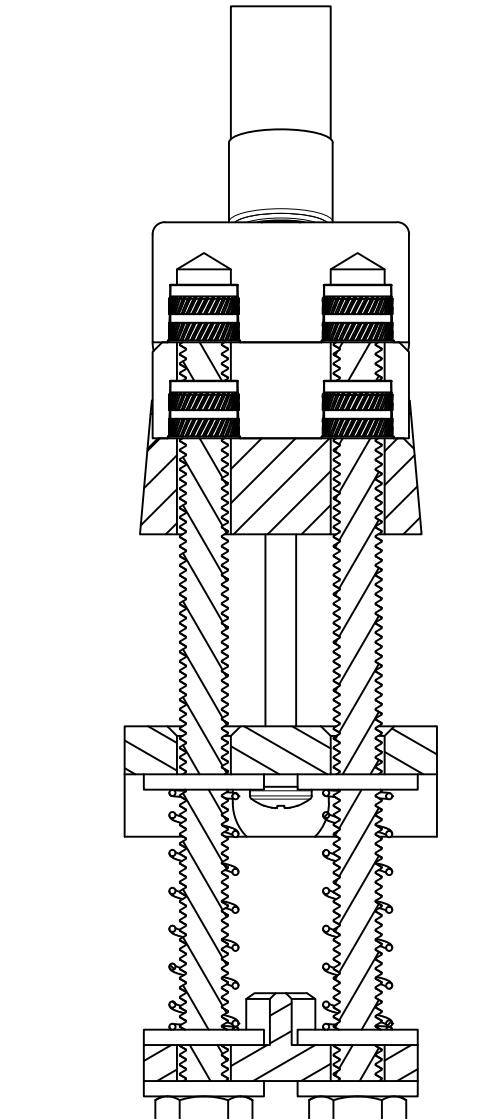
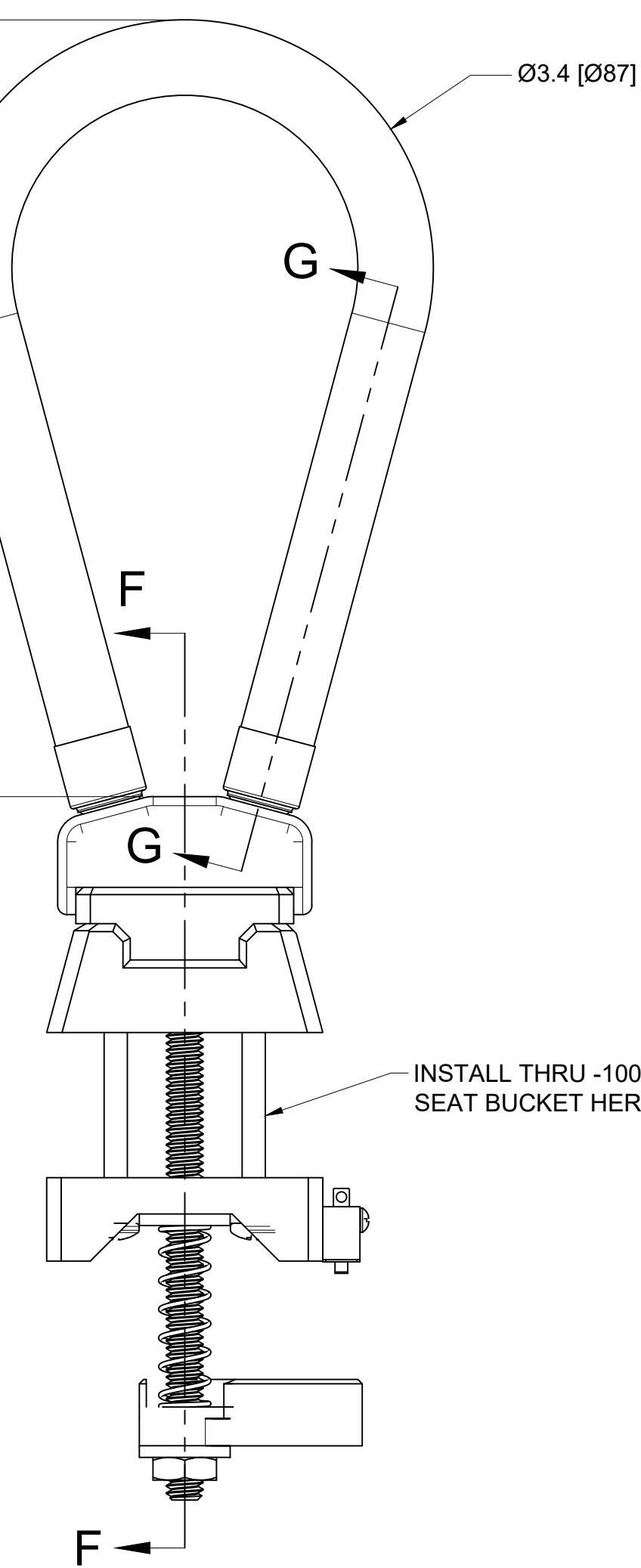
C

B

B

A

A

SECTION F-F
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 |

OPEN HORNET
<https://www.OpenHornet.com>
SIZE DWG NO
D OH3A2-1300REV -
SCALE 1:1.5
SHEET 17/30

8

7

6

5

4

3

2

1

D

D

C

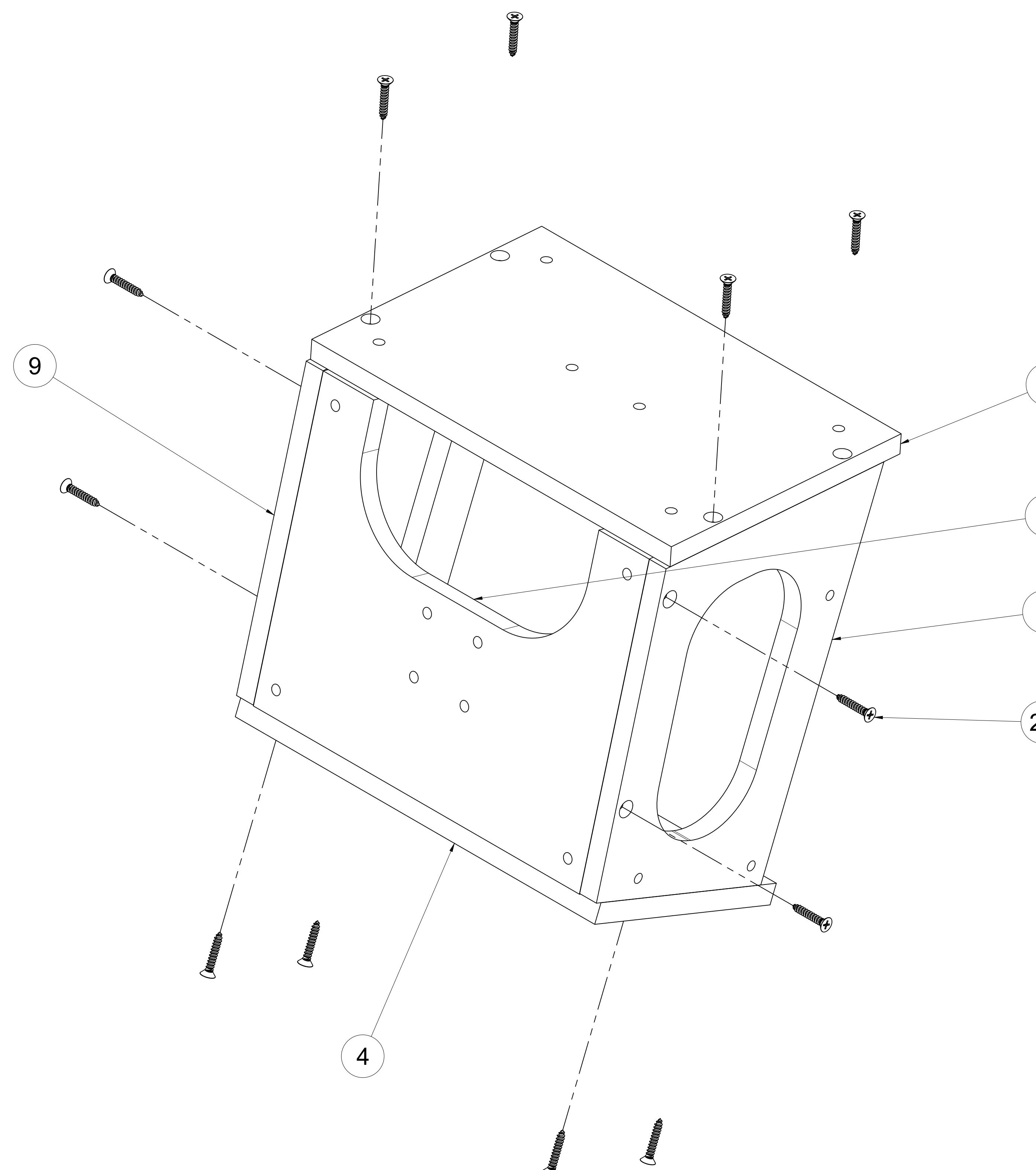
C

B

B

A

A



-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 | ACRL |
| 20 | 1 | OH3A2A-217 | RIGHT OUTSIDE PARACHUTE CONTAINER SKIN | ACRL |
| 19 | 1 | OH3A2A-216 | LOWER PARACHUTE CONTAINER SKIN TRIM | ACRL |
| 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 |



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

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

8 7 6 5 4 3 2 1

D

D

C

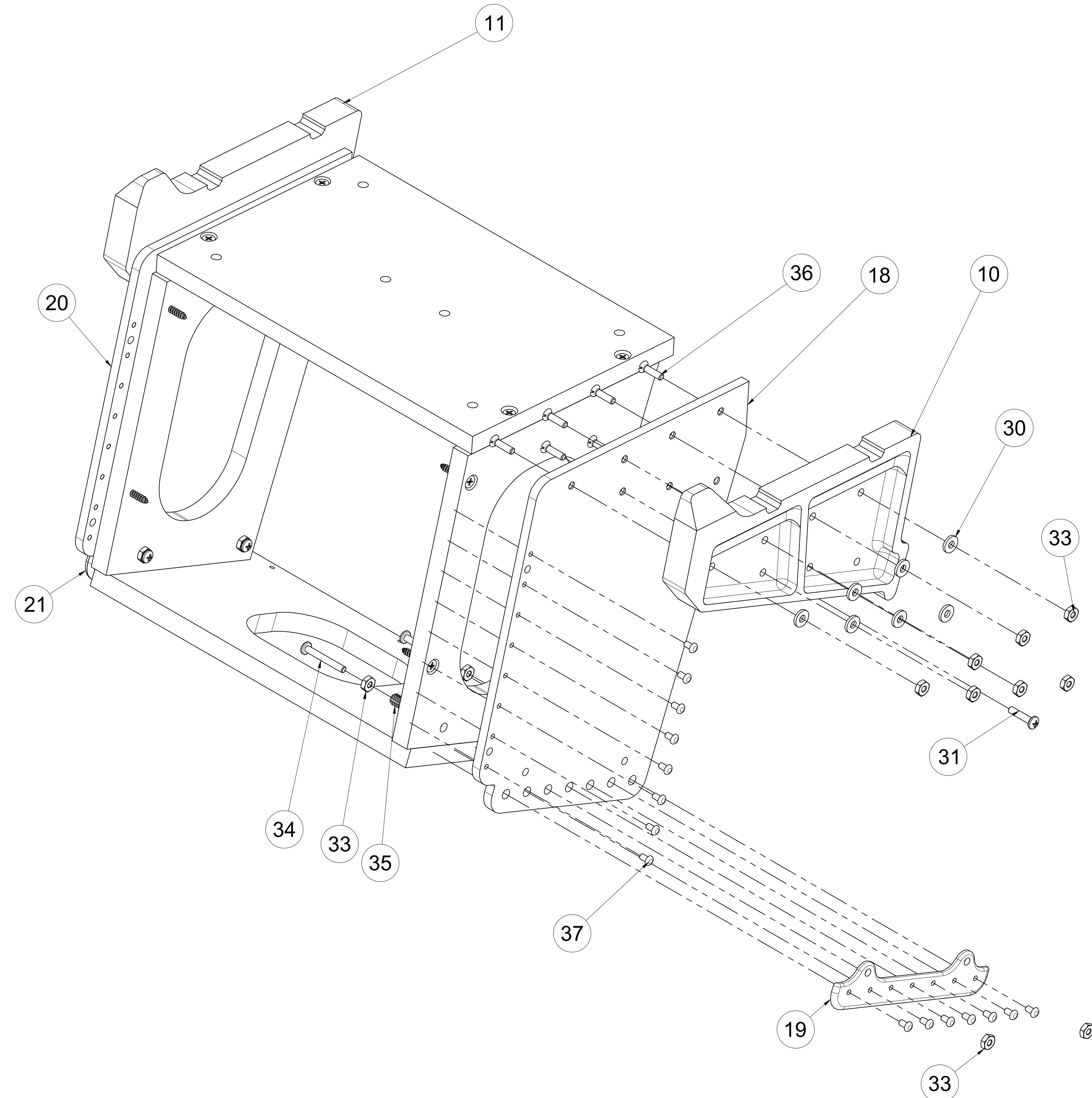
C

B

B

A

A



-200 ASSY

STRUCTURE
ASSEMBLY

(FN 2 HIDDEN FOR
CLARITY)

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



SIZE Dwg No

D

OH3A2A-200

REV

-

SCALE 1:1.5

SHEET 19/30

8 7 6 5 4 3 2 1

D

D

C

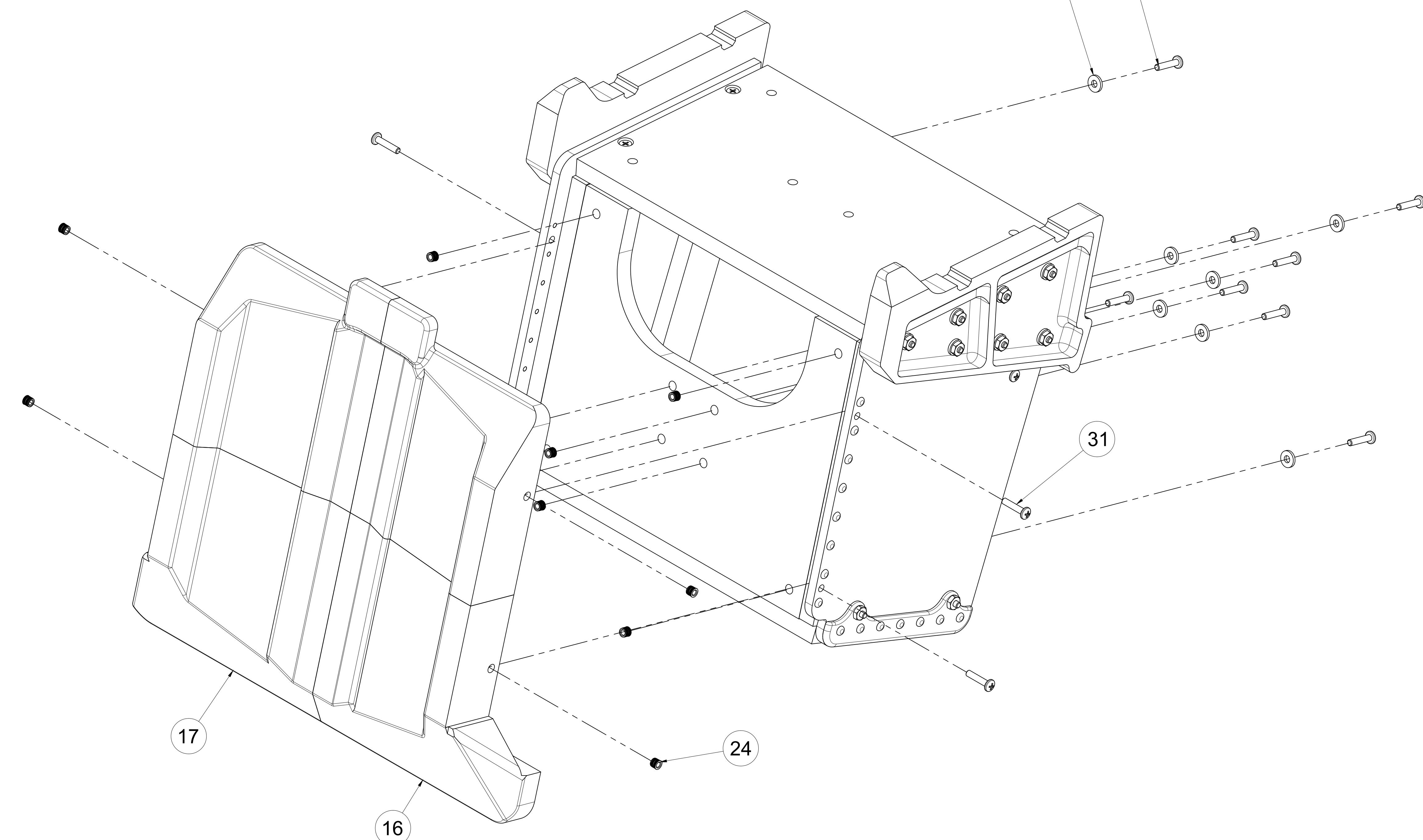
C

B

B

A

A



-200 ASSY
HEADREST
INSTALLATION

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



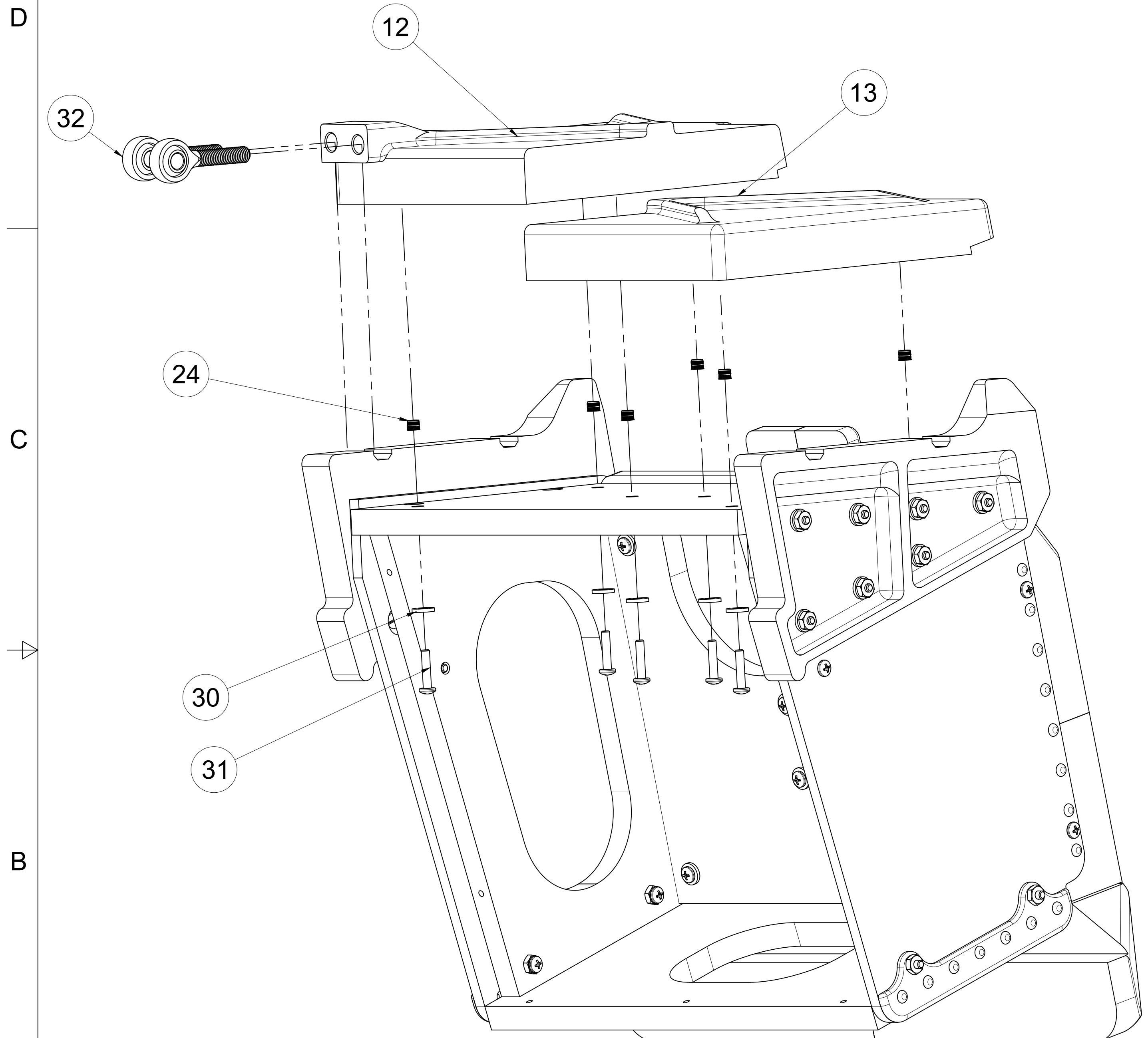
SIZE Dwg No
D OH3A2A-200

REV -

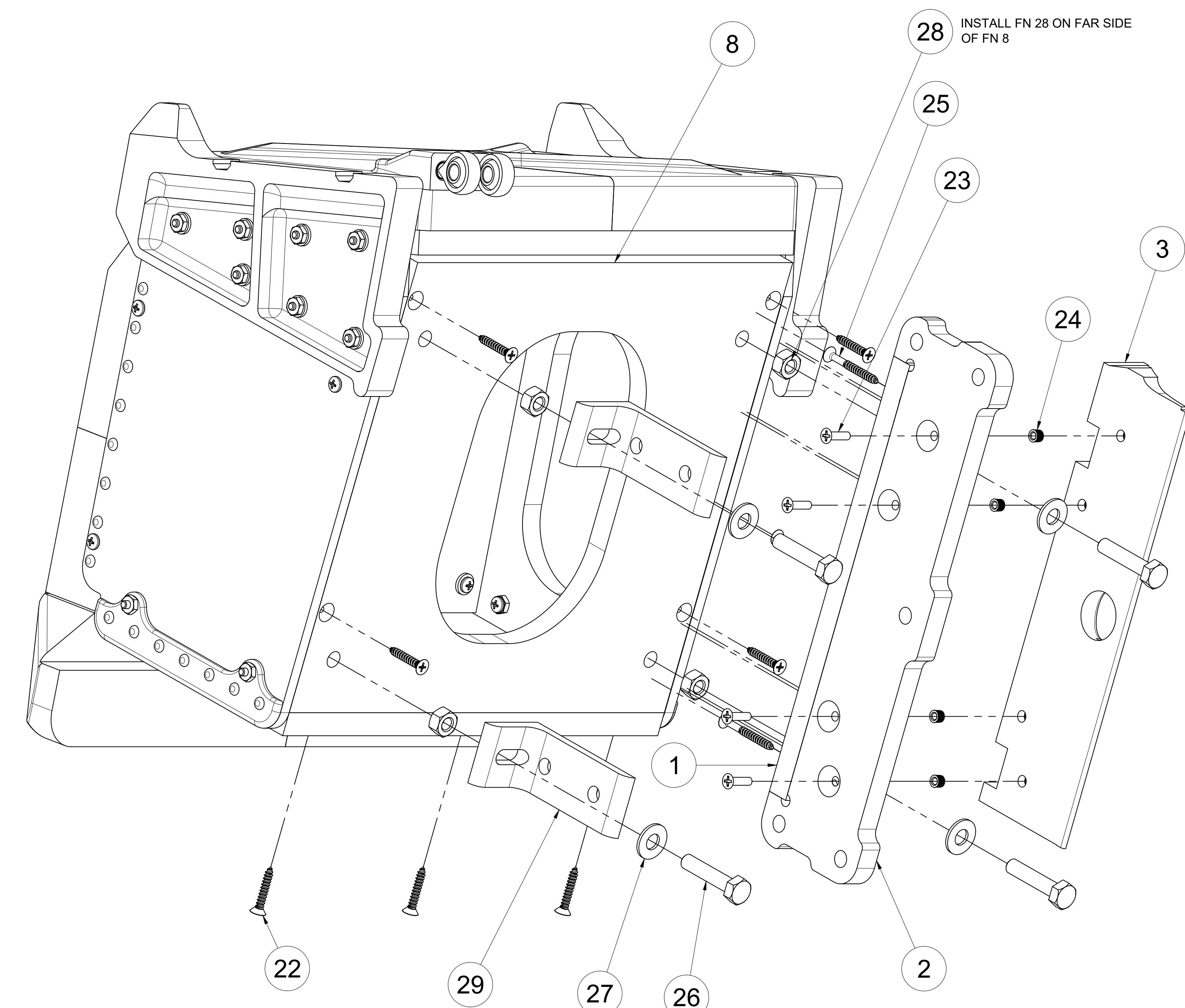
SCALE 1:1.5

SHEET 20/30

8 7 6 5 4 3 2 1



-200 ASSY
PARACHUTE
CONTAINER LID
ASSEMBLY



-200 ASSY
MOUNTING
SYSTEM
ASSEMBLY

8

7

6

5

4

3

2

1

D

D

C

C

D

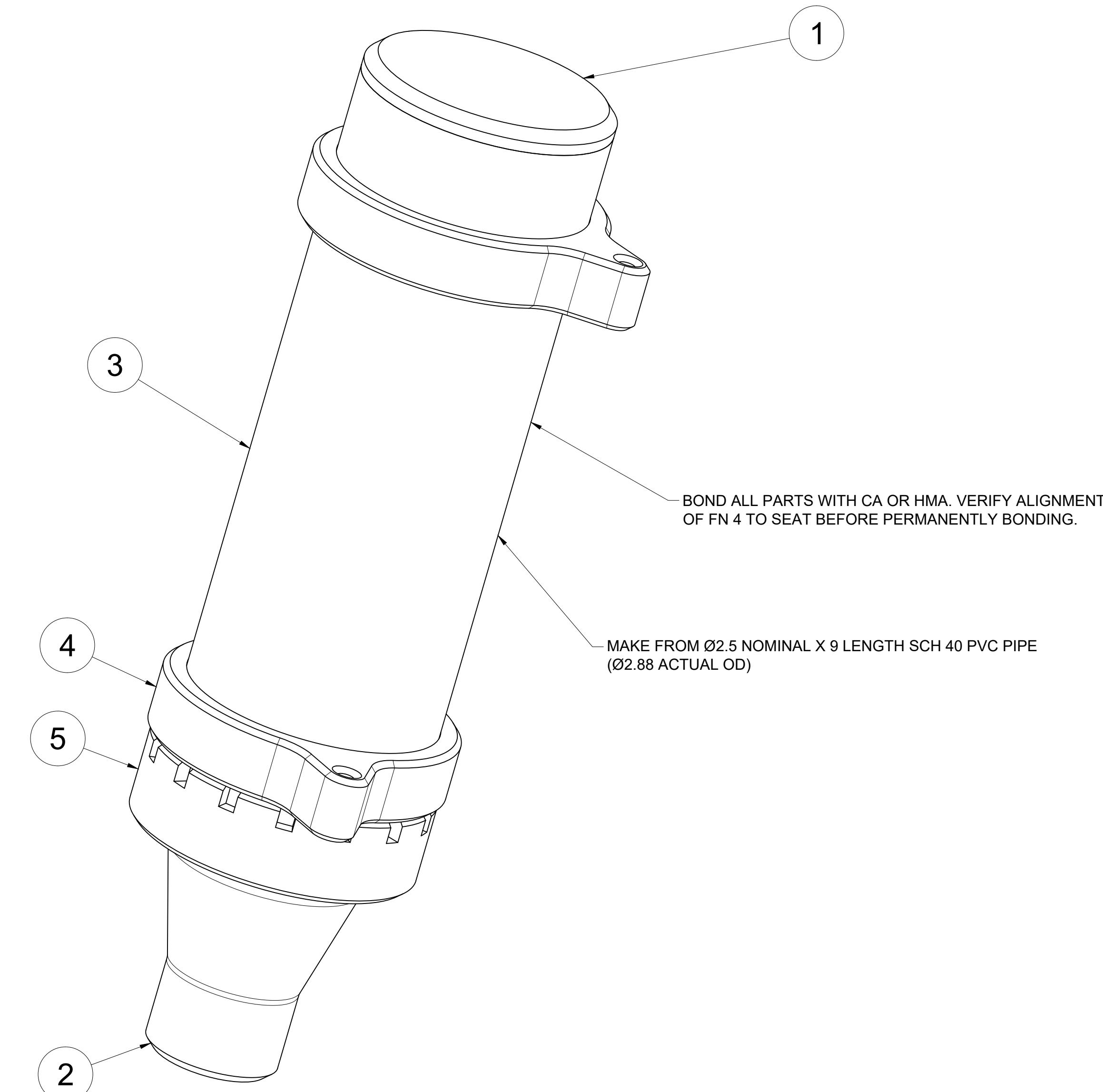
D

B

B

A

A



| ITEM | QTY | PART NUMBER | DESCRIPTION | MATERIAL |
|------------|-----|-------------|--------------------------------------|----------|
| PARTS LIST | | | | |
| 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 |



8

7

6

5

4

3

2

1

D

D

C

C

D

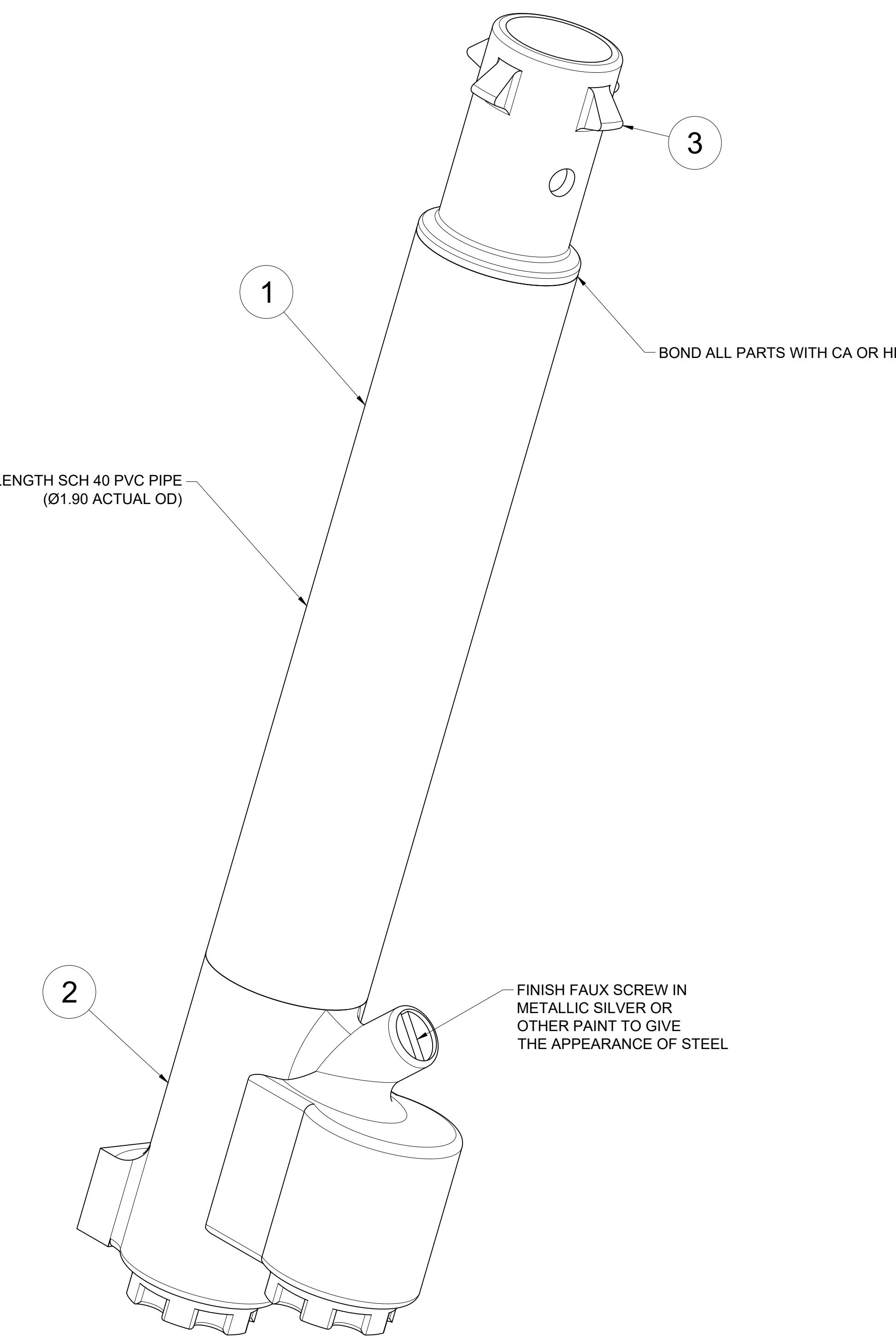
D

B

B

A

A



| ITEM | QTY | PART NUMBER | DESCRIPTION | MATERIAL |
|------------|-----|-------------|-------------|----------|
| PARTS LIST | | | | |

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

D

D

C

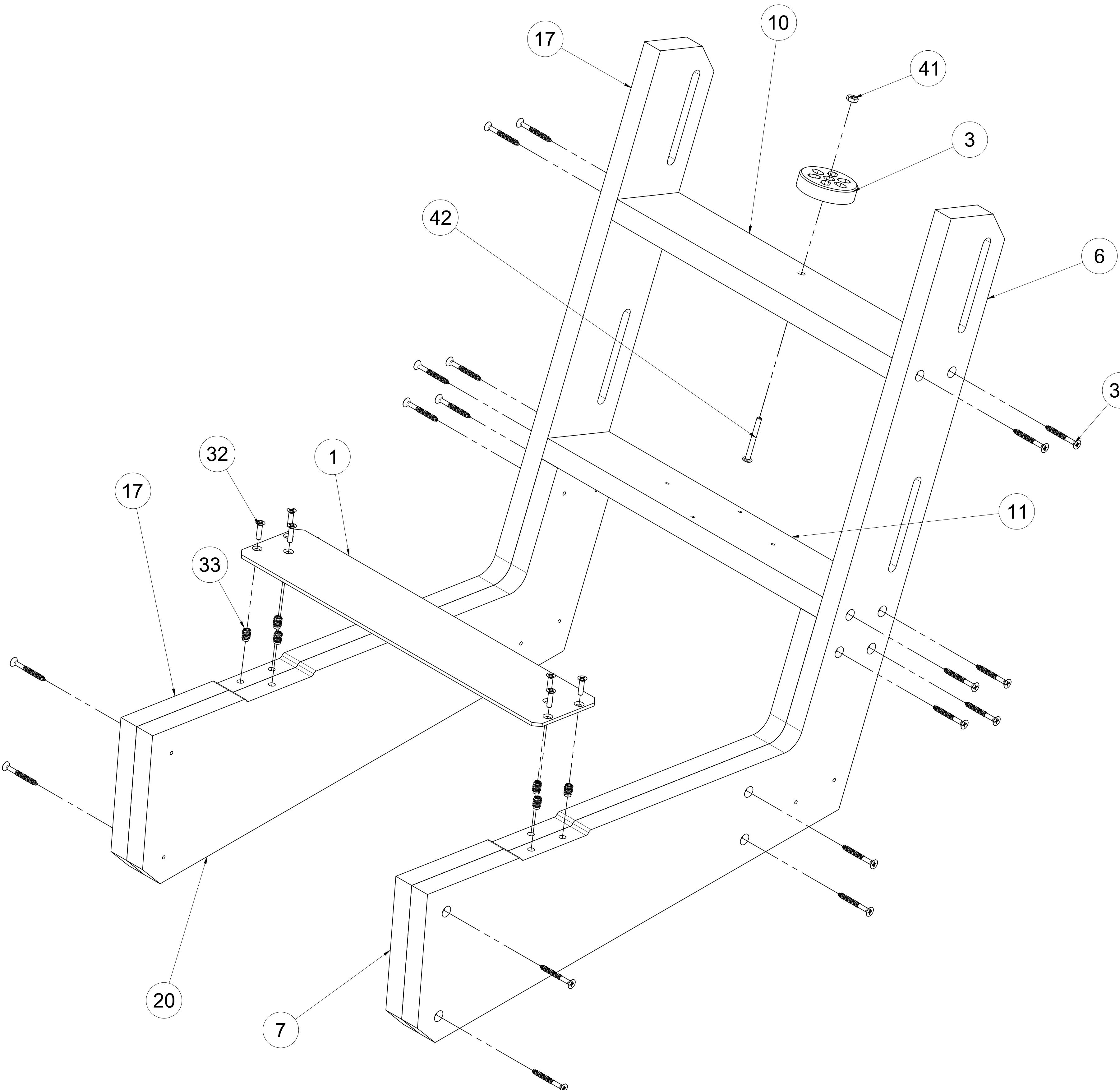
C

B

B

A

A



-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 .825L, 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 CROSSEMBER | ALU |



8 7 6 5 4 3 2 1

D

D

C

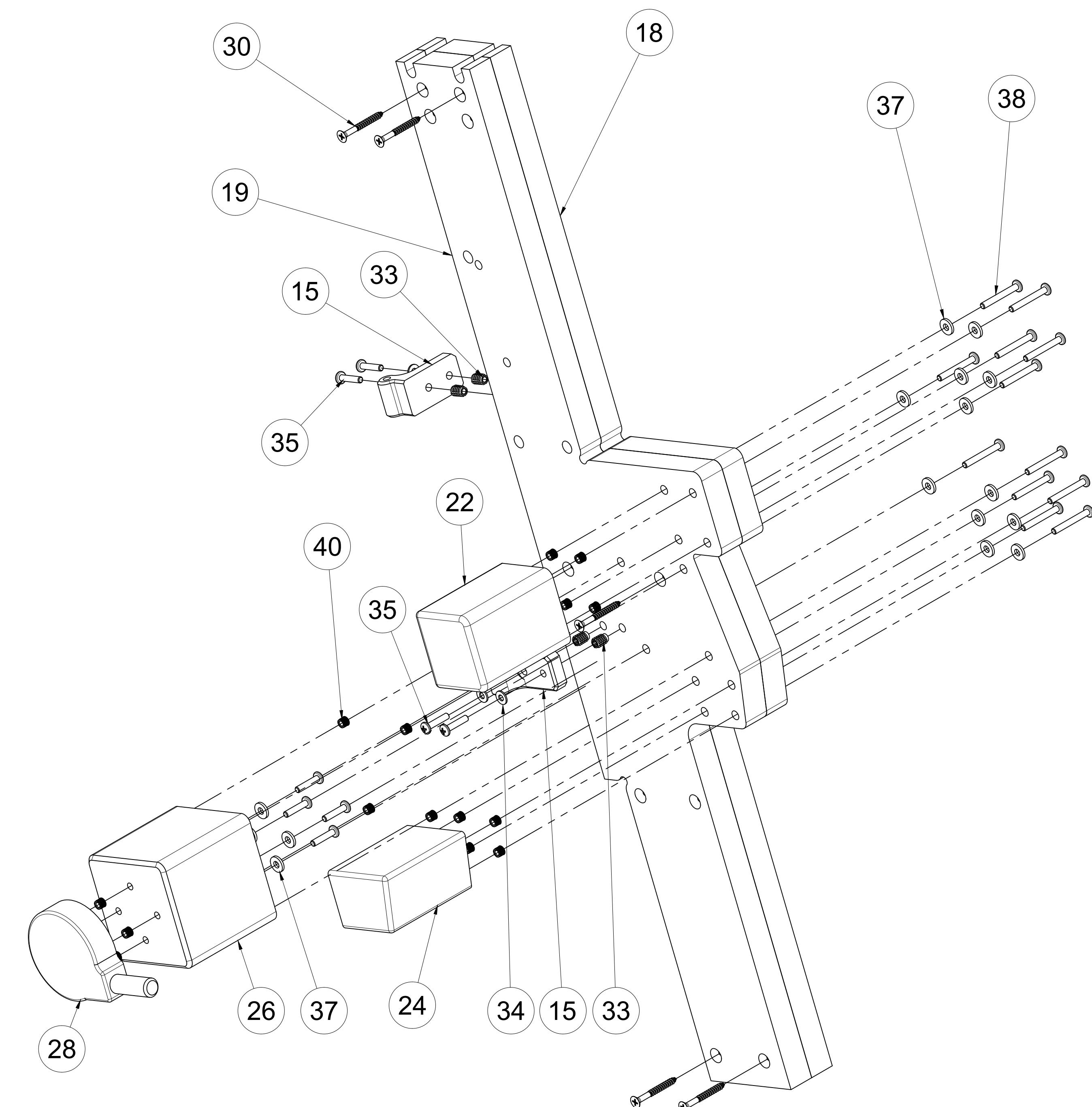
C

B

B

A

A



-300 ASSY
RH UPPER RAIL
ASSEMBLY

8 7 6 5 4 3 2 1

D

D

C

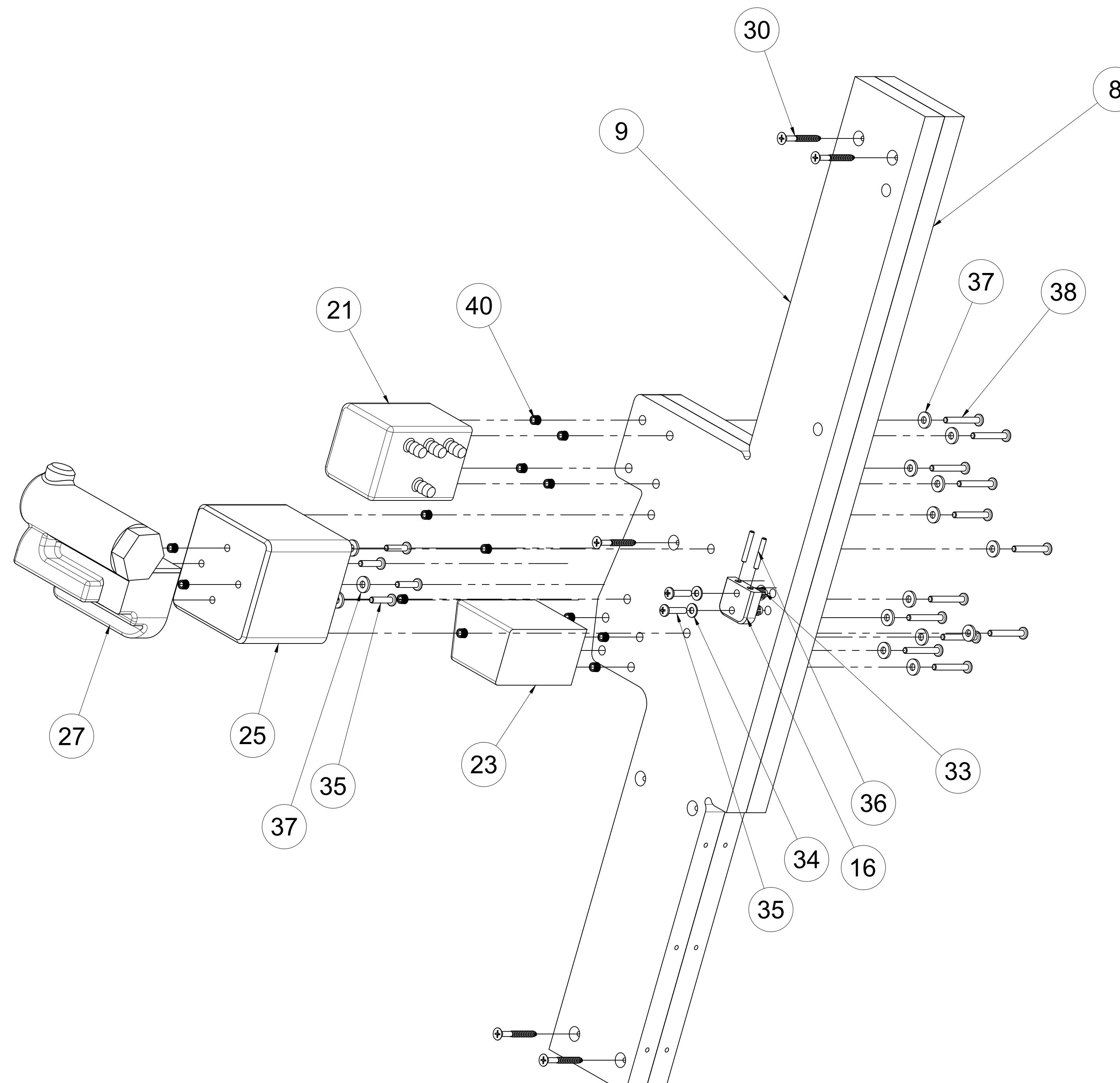
C

B

B

A

A



-300 ASSY
LH UPPER RAIL
ASSEMBLY

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

D

D

C

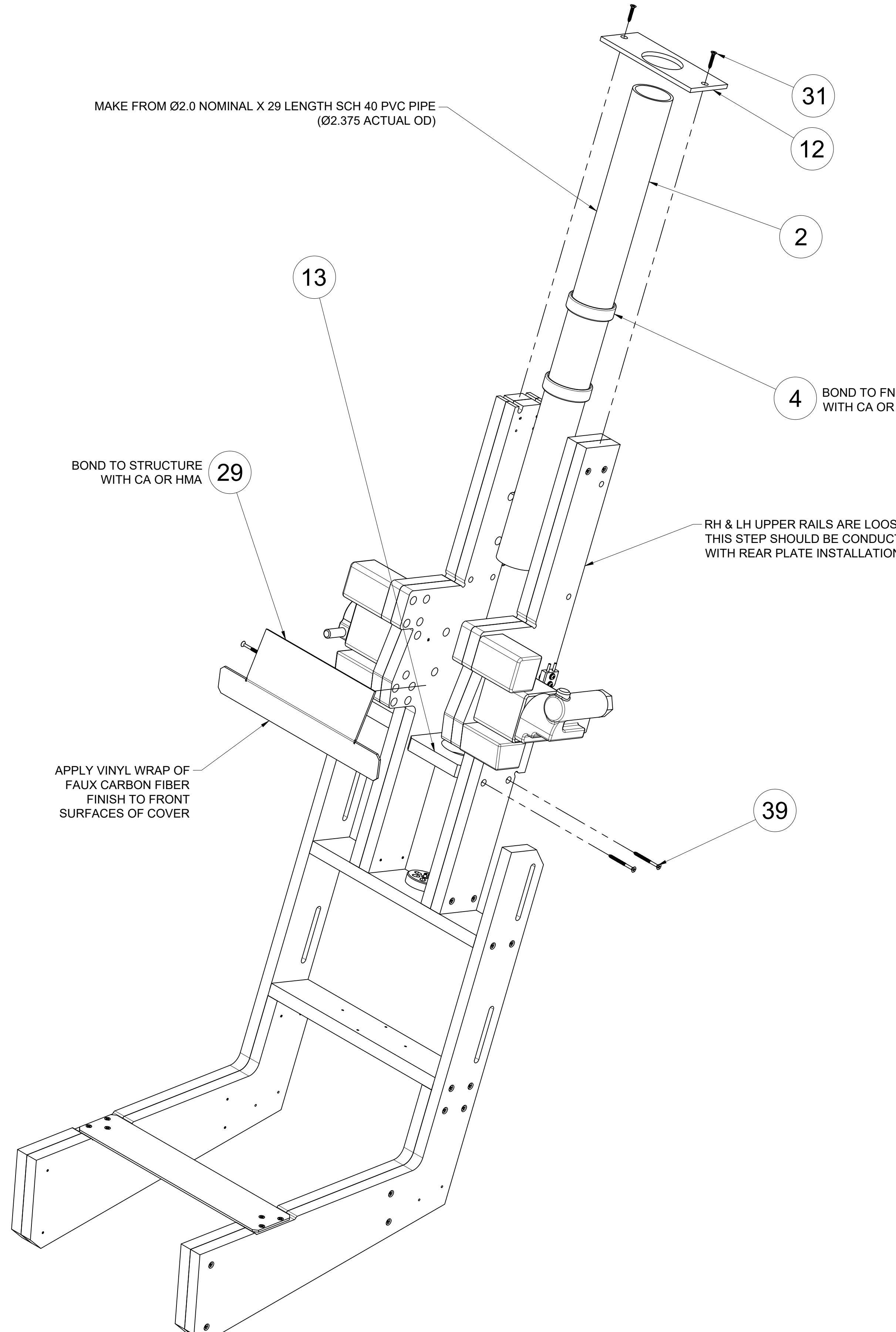
C

B

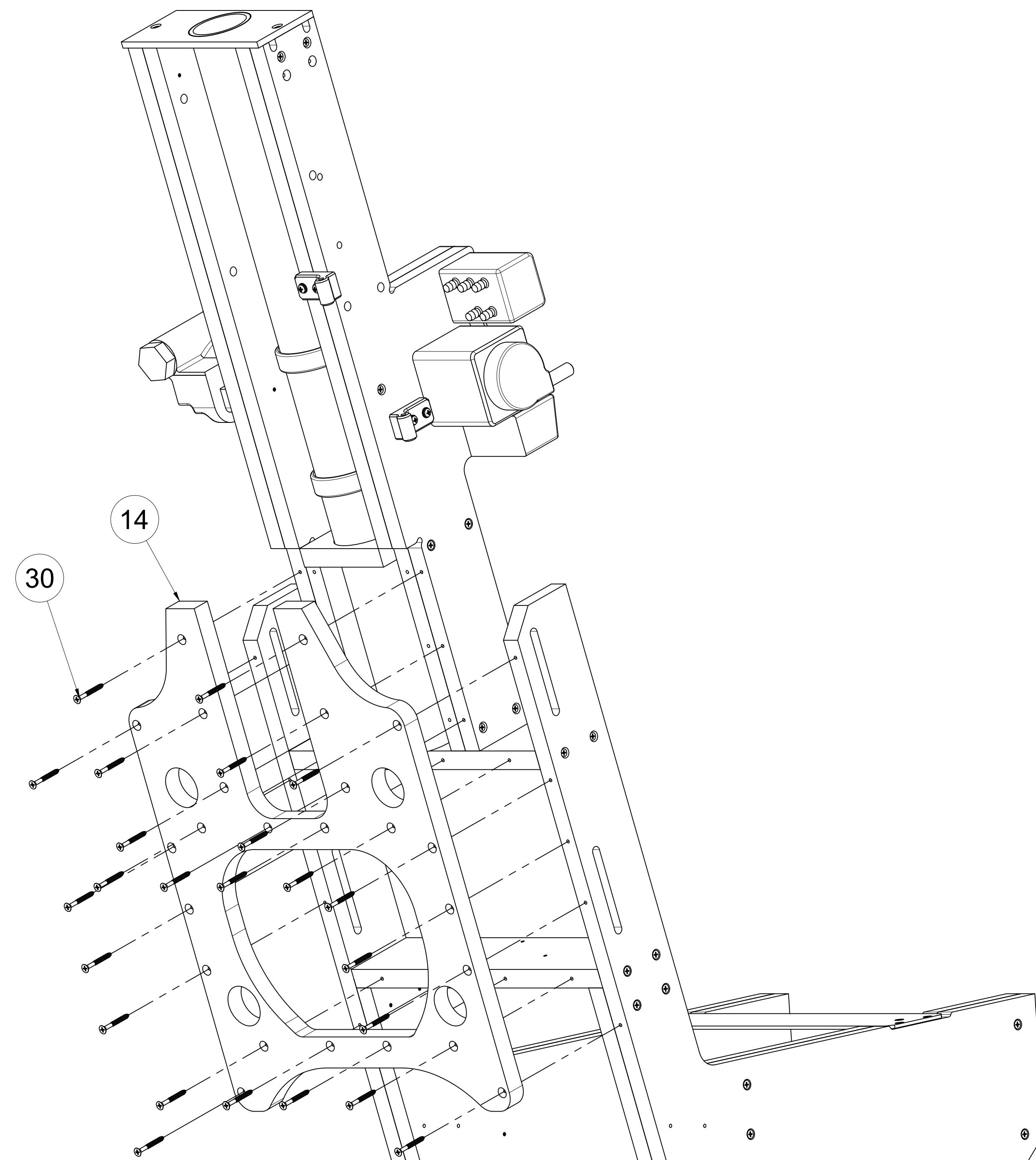
B

A

A



-300 ASSY
CATAPULT
INSTALLATION



-300 ASSY
REAR PLATE
INSTALLATION

8

7

6

5

4

3

2

1

D

D

C

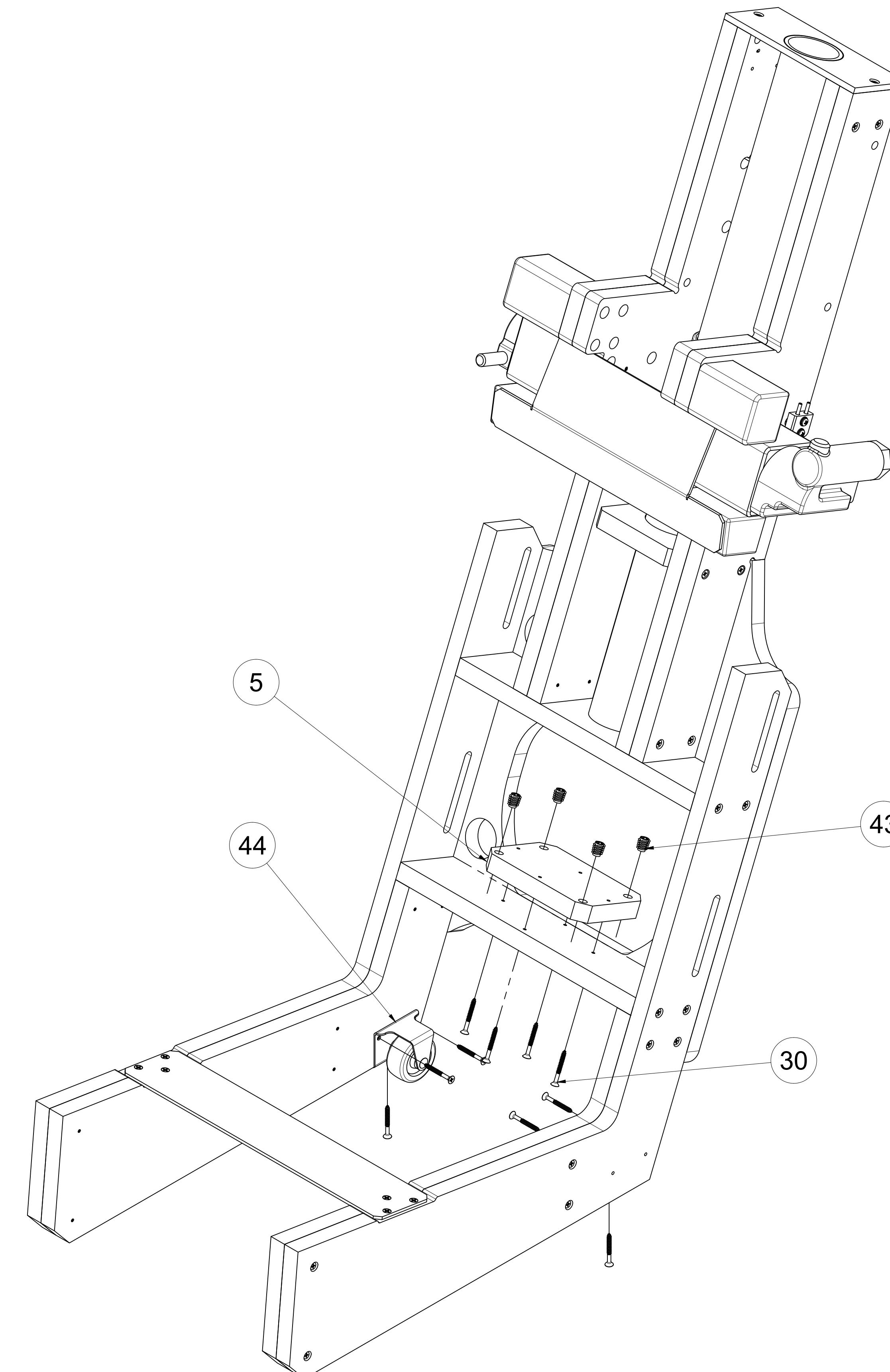
C

B

B

A

A



-300 ASSY
CASTER &
TRANSDUCER
MOUNT
ASSEMBLY

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

SIZE DWG NO
D OH3A2-300
REV -
BY NC SA
SCALE 1:2
SHEET 28/30

8

7

6

5

4

3

2

1

D

D

C

C

D

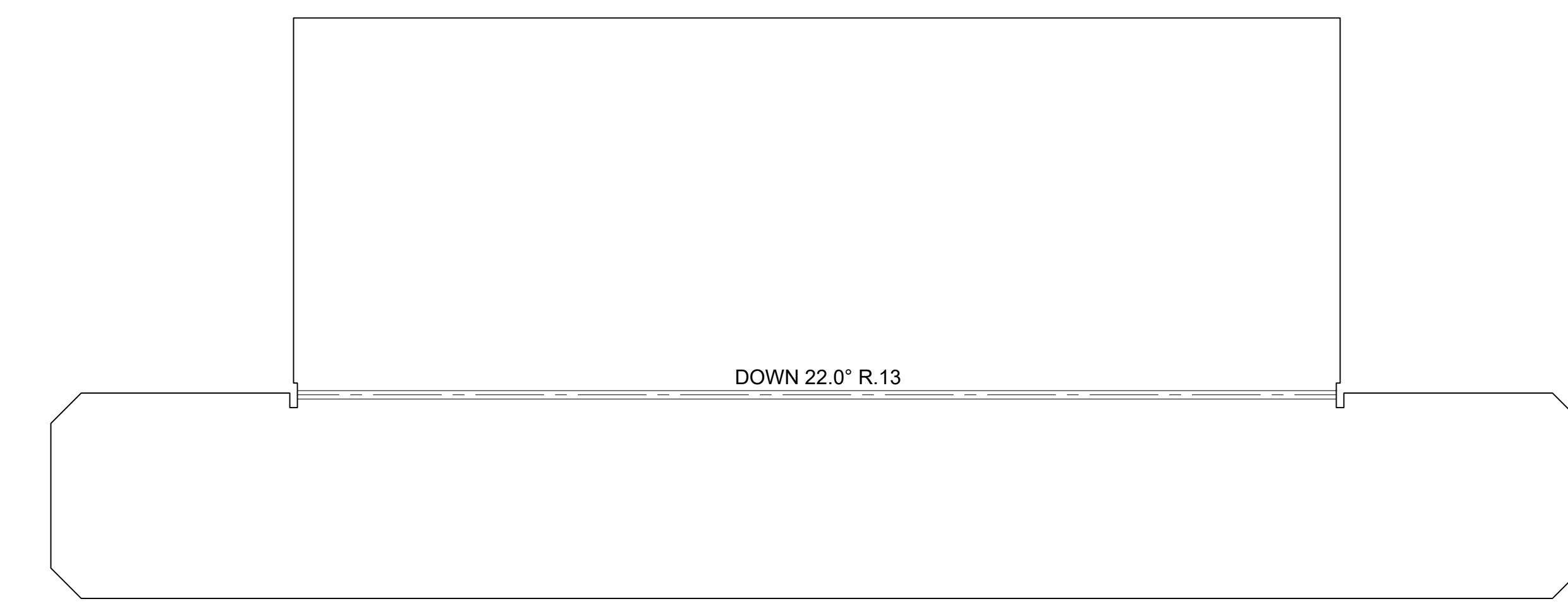
D

B

B

A

A



-43 DETAIL
FLAT PATTERN



8

7

6

5

4

3

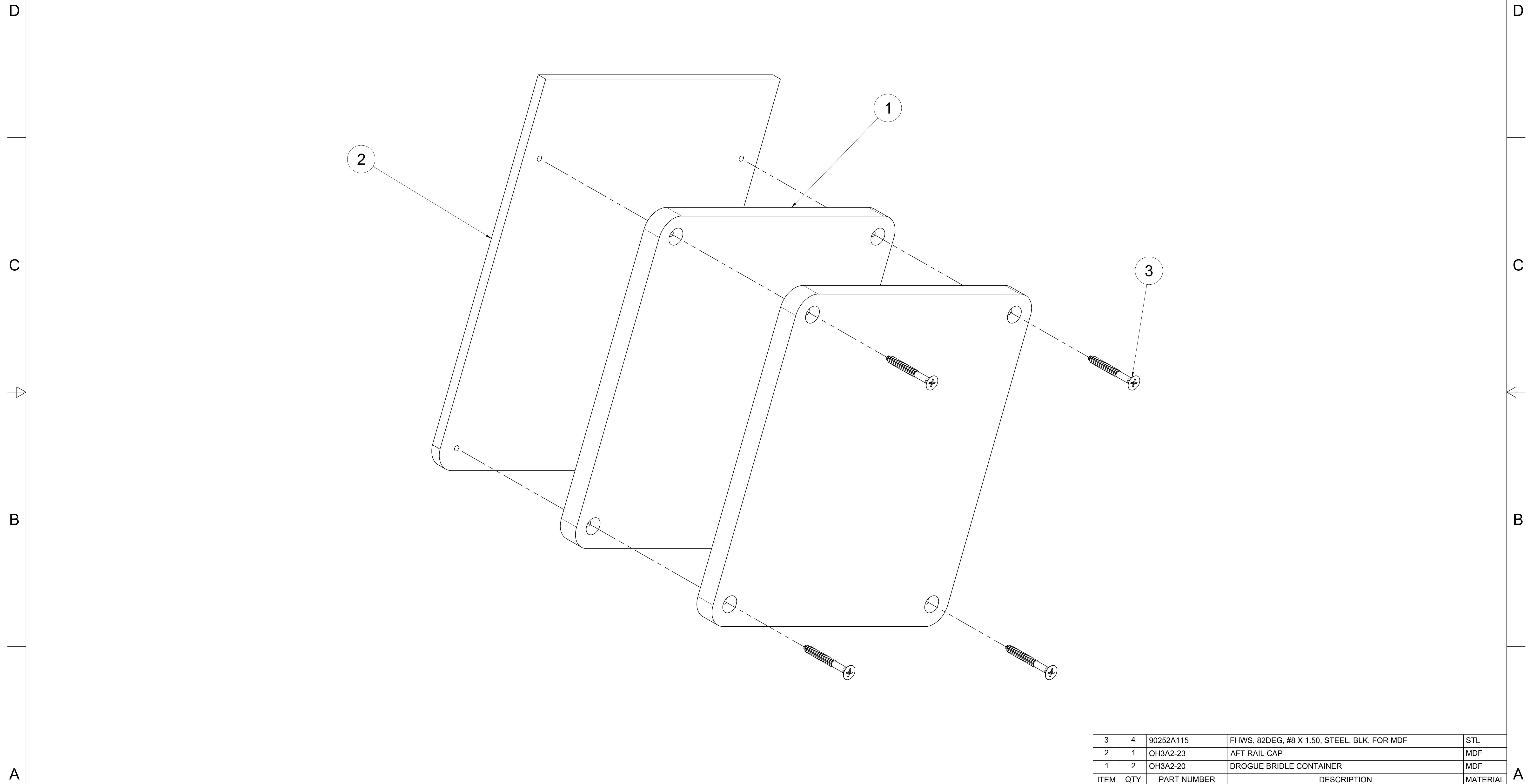
2

1

 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



| ITEM | QTY | PART NUMBER | DESCRIPTION | MATERIAL |
|------|-----|-------------|---|----------|
| 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 |

