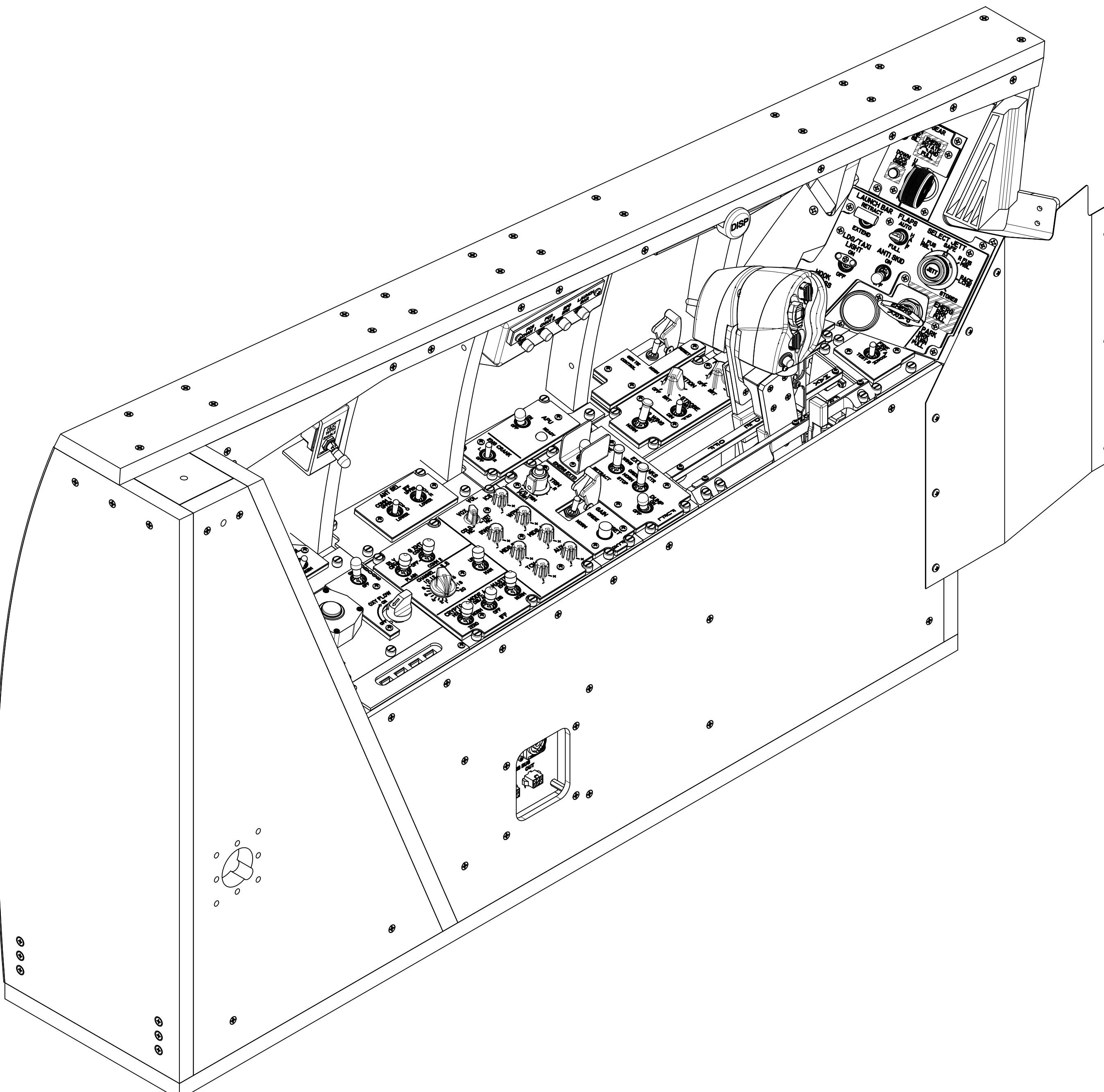


## NOTES: (UNLESS OTHERWISE SPECIFIED)

1. SPECIFICATIONS AND DOCUMENTS:
  - 1.1. OH4A9A4-1 FN 2 & 4 SHALL BE IAW OH-SPEC-001, PANEL TYPE A, METHOD 1, LEGEND PLATES.
  - 1.2. 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:
  - 2.2. FLAT PARTS: <MATERIAL>\_<MATERIAL COLOR, IF APPLICABLE>\_<THICKNESS, IN DECIMAL  
INCHES>\_<PN>\_<DESCRIPTION>\_<REV>\_V<VERSION NUMBER OF MODEL>.SVG
  - 2.3. FDM 3D PRINTED PARTS: FDM\_<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. FINISHES:
  - 3.1. FN 1 SHALL BE FINISHED IAW FED-STD-595, FS36231, DARK GULL GRAY.
  - 3.1. FN 3 SHALL BE FINISHED IAW FED-STD-595, FS37038, BLACK.
  - 3.2. ALL MANUFACTURED PARTS OF FN 2 (OH4A9A4-1) SHALL BE FINISHED IAW FED-STD-595,  
FS37038, BLACK EXCEPT FOR FN 6 & 7 OF FN 2, WHICH SHALL BE FS36231, DARK GULL GRAY.



-1 ASSY

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	5/14/2023	

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
57	2	92105A660	INSERT, 8-32, SELF TAPPING, FOR SOFTWOOD	ZINC
56	2	90471A220	FHS, 100DEG, #6-32 X .500, STEEL	STL
55	2	91841A007	NUT, #6-32, 18-8	SS
54	3	B09V6WY1SD	HUB, USB 3.0, 7-PORT, 5VDC	N/A
53	2	91249A161	PHS, #6-32 X 1.50, 18-8, BLK	SS
52	2	90760A007	NUT, JAM, #6-32, STEEL	STL
51	1	OH4A10-1	ASSY, TRANSDUCER GAIN REMOTE	
50	4	90471A435	FHS, 100DEG, #8-32 X .625, STEEL	STL
49	4	93505A456	STANDOFF, #8-32 X 1.00, .250 HEX, MALE-FEMALE, ALUMINUM	ALU
48	1	OH4A14A1-1	ASSY, LC TO CT BULKHEAD INTERCONNECT PANEL	
47	4	91249A066	PHS, #2-56 X 1.0, 18-8, BLK	SS
46	4	95130A105	NUT, #2-56, NARROW, BRASS	BRS
45	4	94639A187	SPACER, #2 X 0.25 OD X 0.125 L, NYLON	NYL
44	8	91841A009	NUT, #8-32, 18-8	SS
43	1	ABSI003	ASSY, ABSIS HID BUS MASTER	N/A
42	1	OHC0013-1	ASSY, LEFT BULKHEAD INTERCONNECT PANEL	
41	1	ABSI001	ASSY, ABSIS ALE	N/A
40	4	94070A076	PHS, #2-56 X .1875, BRASS	BRS
39	4	90272A079	PHS, #2-56 X .375, STEEL	STL
38	4	91780A105	STANDOFF, #2-56 X .375, .1875 HEX, FEMALE, ALUMINUM	ALU
37	1	OH4A1-12	APU ABSIS ADAPTER PLATE	ACRL
36	1	ABSI001A1	PCB, ABSIS ALE RELAY MODULE	N/A
35	43	OHC009-1	FAUX DZUS STUD	
34	1	OH4A2A1-1	ASSY, LANDING GEAR LEVER PANEL	
33	1	4PMINIH	4 PORT USB 3.0 HUB	N/A
32	4	90272A203	PHS, #8-32 X 1.50, STEEL	STL
31	6	91249A192	PHS, #8-32 X .375, 18-8, BLK	SS
30	12	90272A201	PHS, #8-32 X 1.250, STEEL	STL
29	6	98023A113	WASHER, #8, STEEL, ZINC	STL
28	12	91249A148	PHS, #6-32 X .50, 18-8, BLK	SS
27	4	90272A106	PHS, #4-40 X .250, STEEL	STL
26	2	91249A111	PHS, #4-40 X .50, 18-8, BLK	SS
25	2	91249A120	PHS, #4-40 X .875, 18-8, BLK	SS
24	4	90618A200	WASHER, #4 X .250, 18-8, BLACK OXIDE, MS15795-803B	SS
23	4	91841A005	NUT, #4-40, 18-1	STL
22	1	OH4A3A3-1	ASSY, BRAKE PRESSURE INDICATOR	
21	1	OH4A3A2-1	ASSY, PARK BRAKE HANDLE	
20	1	OH4A3A1-1	ASSY, SELECT JETT PANEL	
19	1	OH4A5A2-1	ASSY, APU ENG CRANK PANEL	
18	1	OH4A7A2-1	ASSY, OBOGS PANEL	
17	1	OH4A7A3-1	ASSY, MC HYD ISOL PANEL	
16	1	OH4A7A4-1	ASSY, ANT SEL PANEL	
15	1	OH4A4A3-1	ASSY, GEN TIE PANEL	
14	1	OH4A6A1-1	ASSY, FCS PANEL	
13	1	OH4A4A2-1	ASSY, EXTERNAL LT PANEL	
12	1	OH10A1A1-1	ASSY, SIM PWR PANEL	
11	1	OH4A7A1-1	ASSY, COMM PANEL	
10	1	OH4A5A1-1	ASSY, FUEL PANEL	
9	1	OH4A4A1-1	ASSY, FIRE TEST PANEL	
8	1	OH4A9-1	ASSY, THROTTLE QUADRANT	
7	1	OH4A8A1-1	ASSY, LEFT CIRCUIT BREAKERS	
6	1	OH4A8A3-1	ASSY, NUC WEAP SWITCH	
5	1	OH4A8A2-1	ASSY, DISPENSE BUTTON	
4	1	OH4A1A1-1	ASSY, LEFT CONSOLE STRUCTURE	
3	1	OH4A1-11	USB COVER PLATE	STEEL
2	1	OH4A9A4-1	THROTTLE QUADRANT COVER PLATE	
1	1	OH4A1-10	LEFT CONSOLE EXT SKIN	ABS

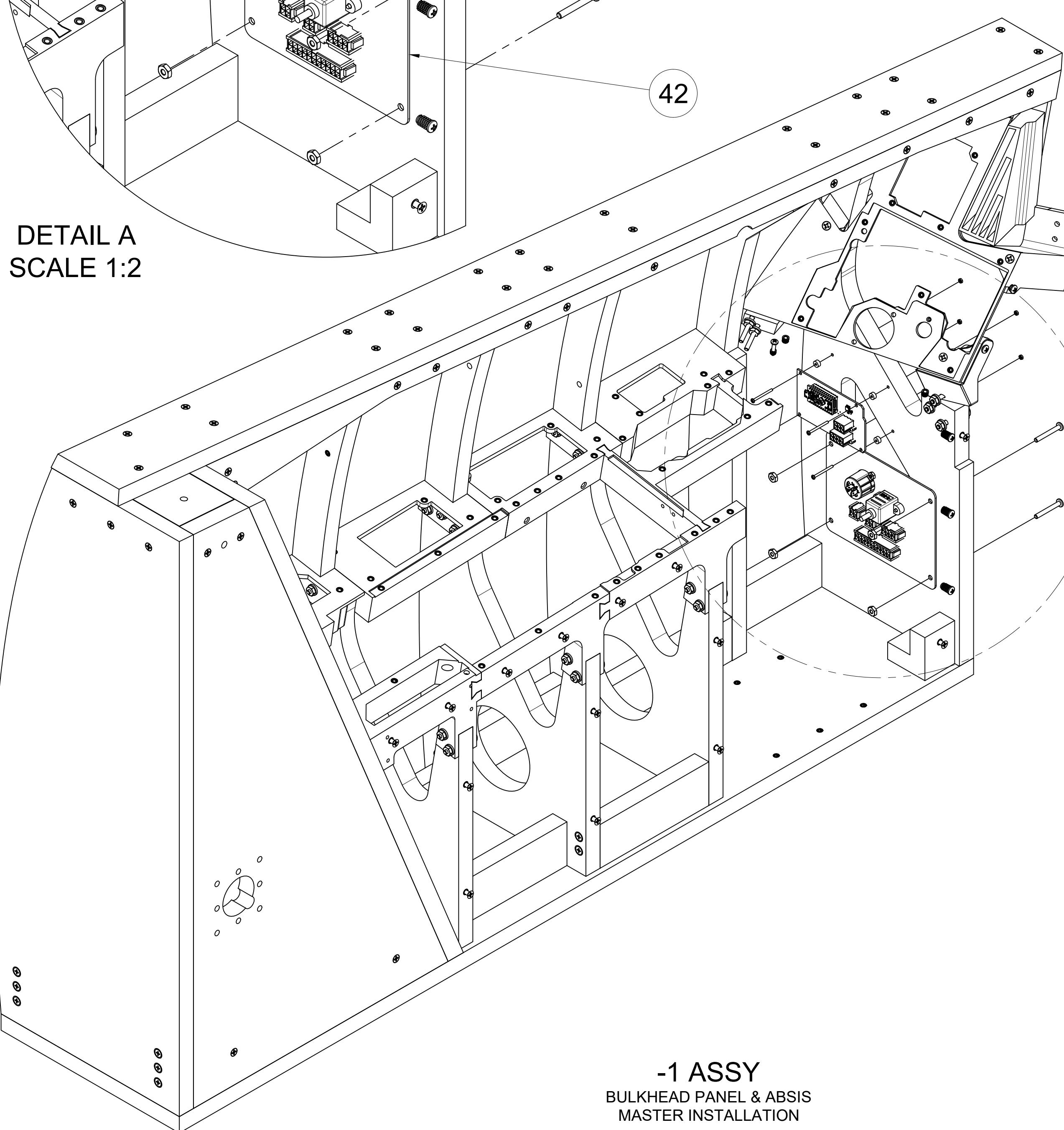
UNLESS OTHERWISE SPECIFIED:	UOS INCH TOLERANCES ARE:	TITLE
DIMENSIONS ARE IN INCHES. DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.	DECIMALS: X ± .1 ANGLES: MACHINED ± .5° XX ± .03 LOCATING ± .5° XXX ± .010 FORMED ± 2° CHAMFERS ± 5°	
INTERPRET DRAWING IAW ASME Y14.100-2017.	DRILLED 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	ASSY, LEFT CONSOLE
INTERPRET DIM AND TOL IAW ASME Y14.5-2009. REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX.	DIMENSIONS APPLY BEFORE FINISH.	LEFT CONSOLE
DRAWN J. STEENSEN 05/14/2023	DESIGNED J. STEENSEN 05/14/2023	SIZE DWG NO
CHECKED	CHECKED	D OH4A1-1 REV -
DRAWN J. STEENSEN 05/14/2023	DRAWN J. STEENSEN 05/14/2023	SCALE 1:3 DO NOT SCALE DWG SHEET 1/8


<https://www.OpenHornet.com>

8 7 6 5 4 3 2 1

D

D



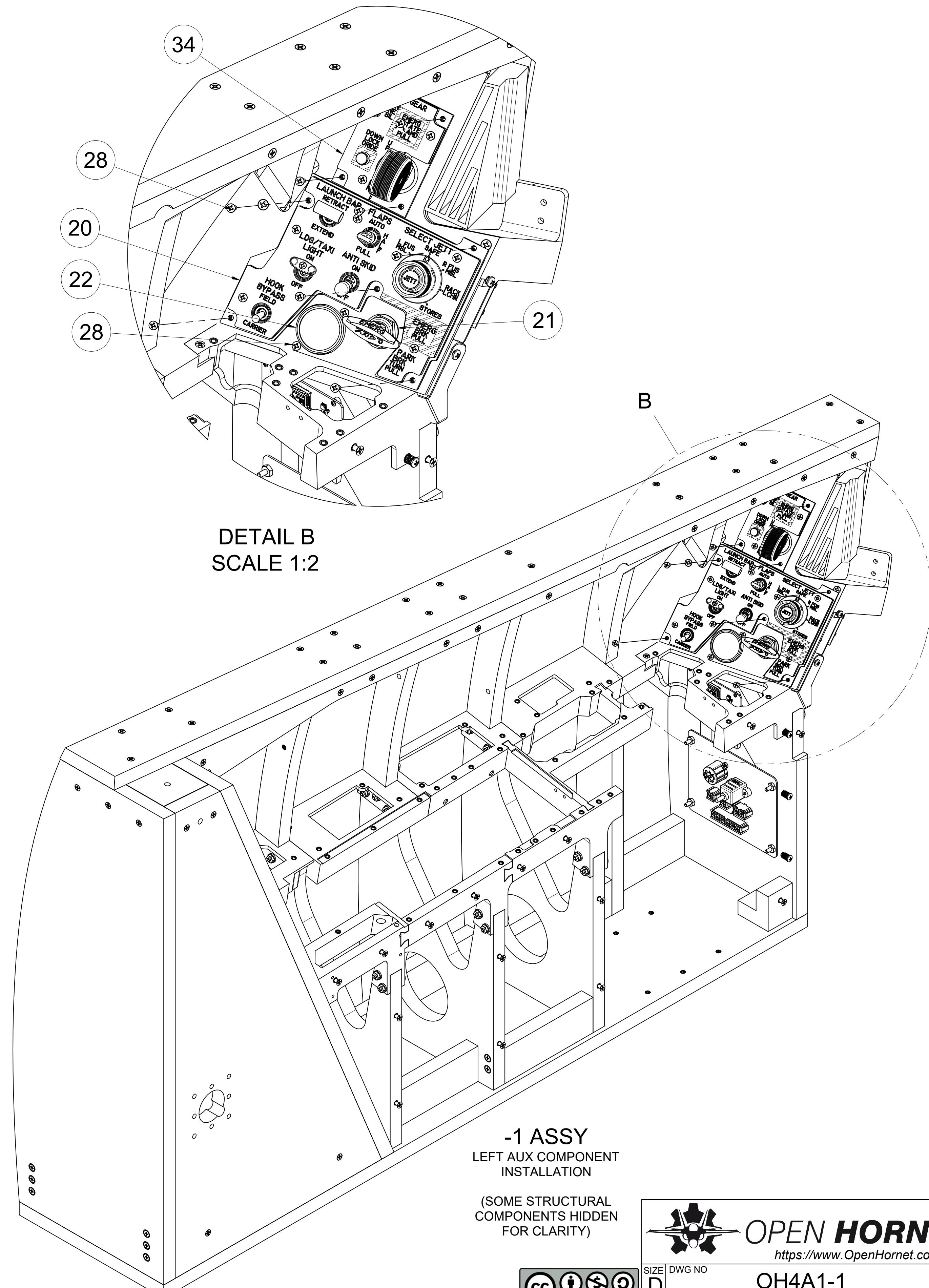
DETAIL A  
SCALE 1:2

-1 ASSY  
BULKHEAD PANEL & ABSIS  
MASTER INSTALLATION

(SOME STRUCTURAL  
COMPONENTS HIDDEN  
FOR CLARITY)

A

A



DETAIL B  
SCALE 1:2

-1 ASSY  
LEFT AUX COMPONENT  
INSTALLATION

(SOME STRUCTURAL  
COMPONENTS HIDDEN  
FOR CLARITY)

8 7 6 5 4 3 2 1

D

D

C

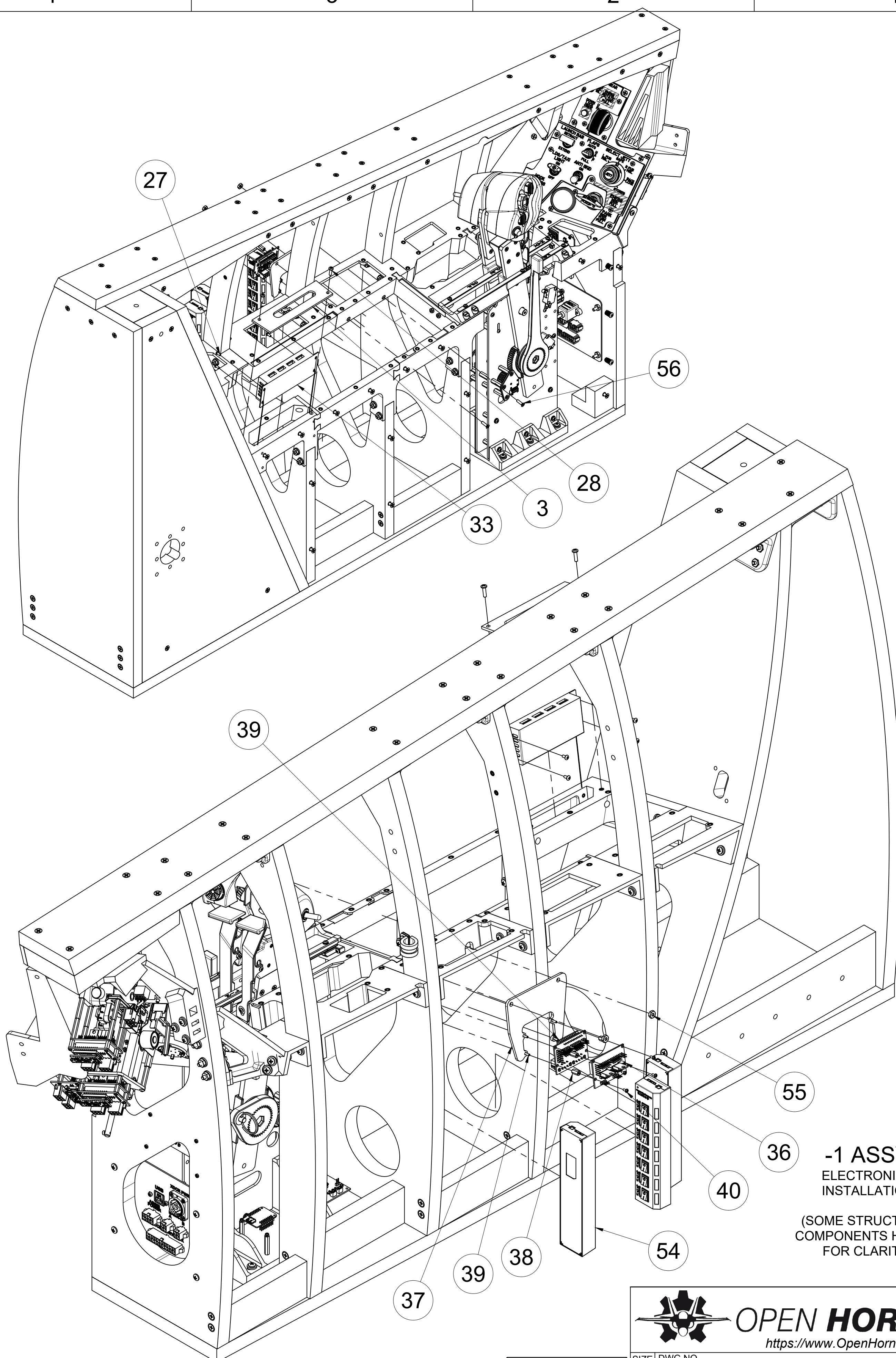
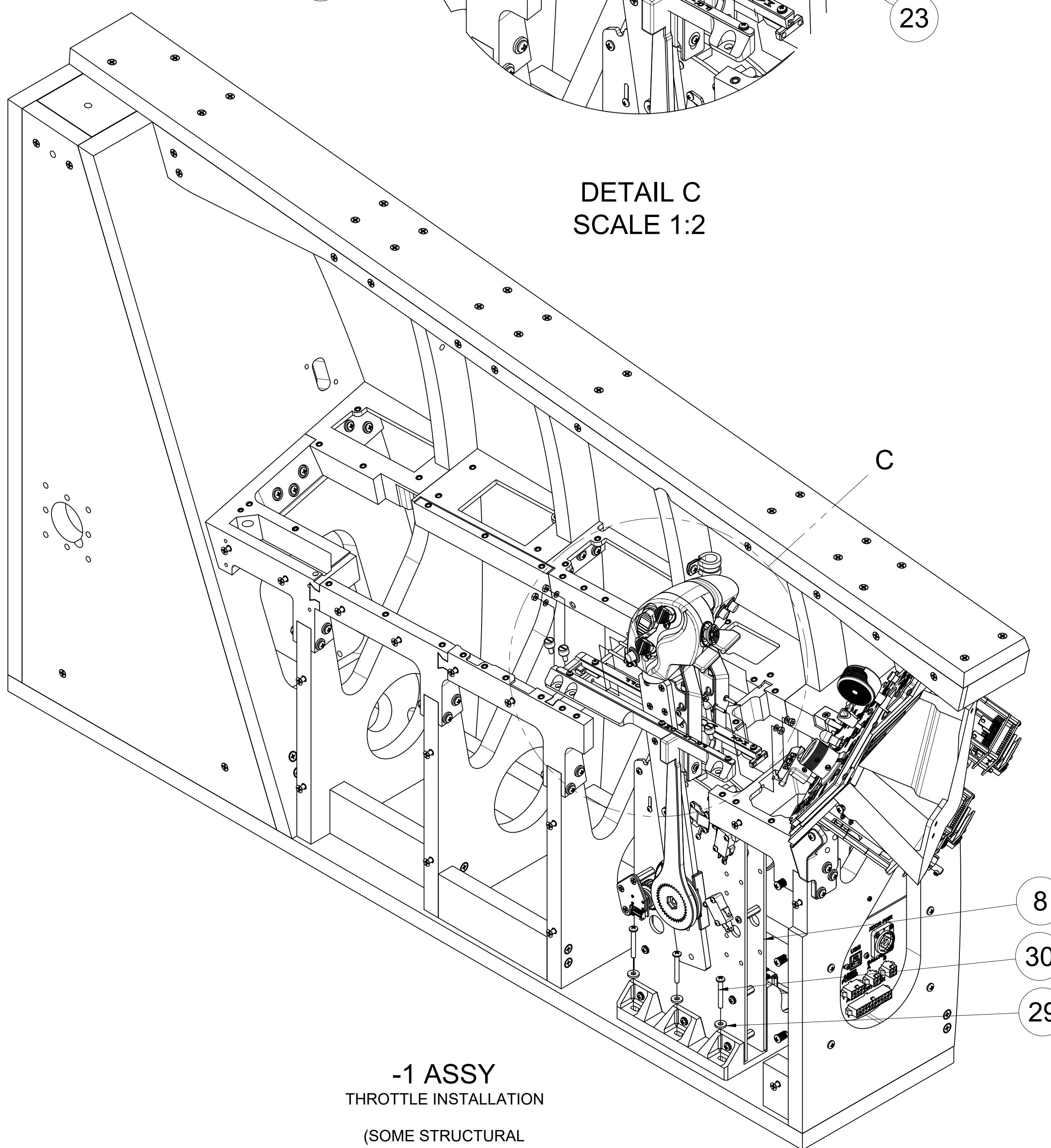
C

B

B

A

A



8

7

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4

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2

1

D

D

C

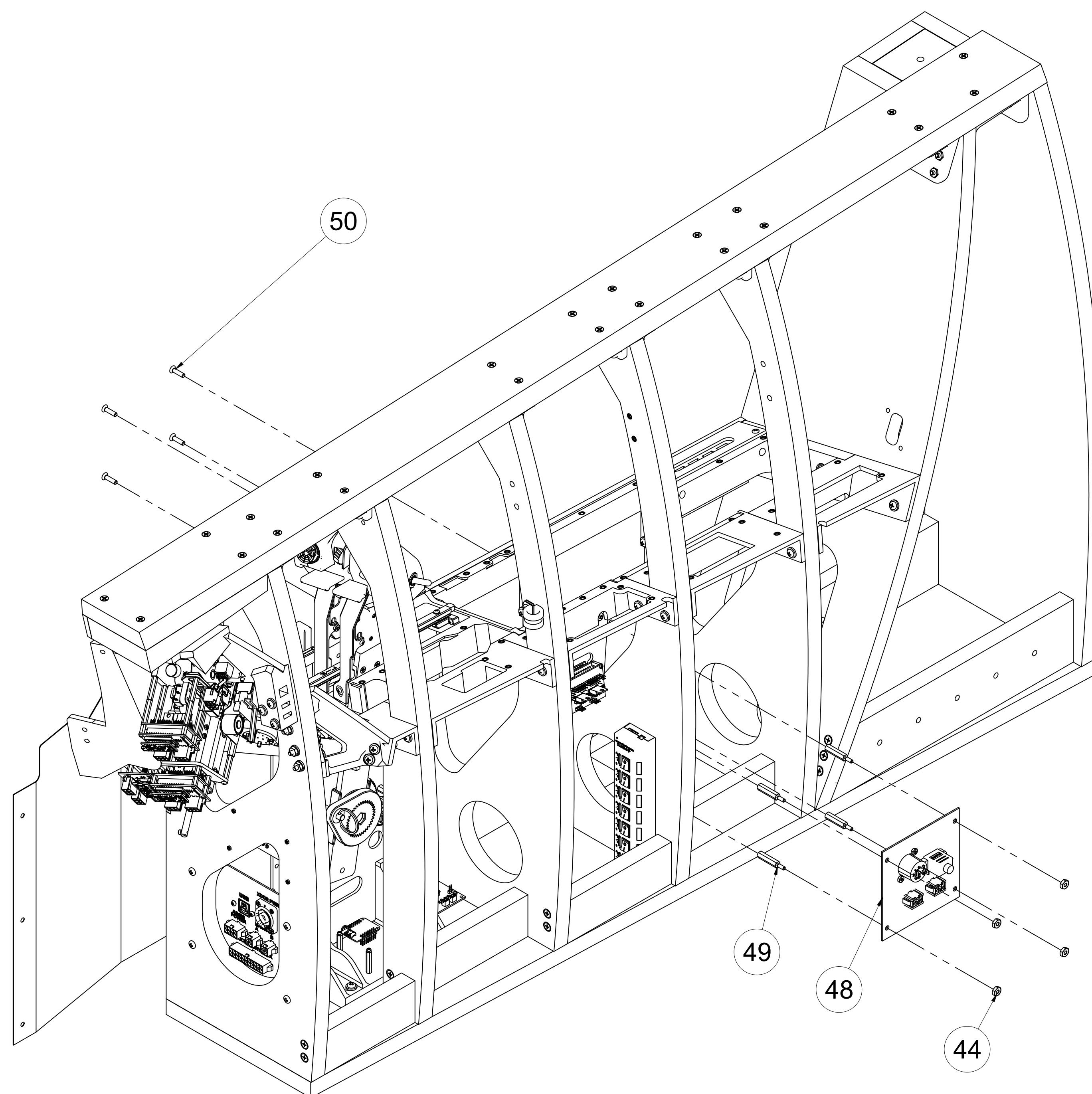
C

B

B

A

A



-1 ASSY  
CENTER TUB BULKHEAD  
PANEL INSTALLATION

8

7

6

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4

3

2

1

D

D

C

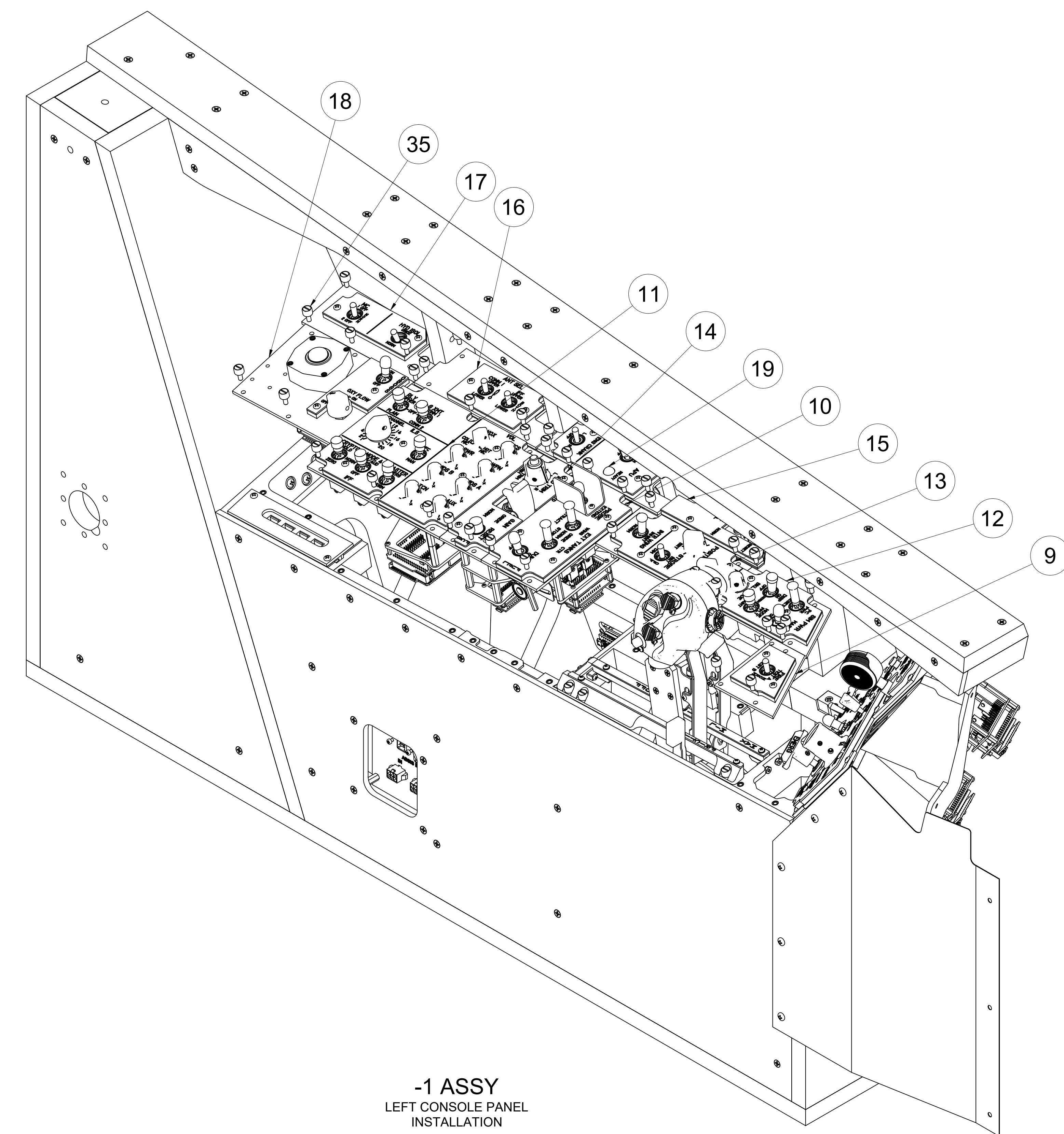
C

B

B

A

A

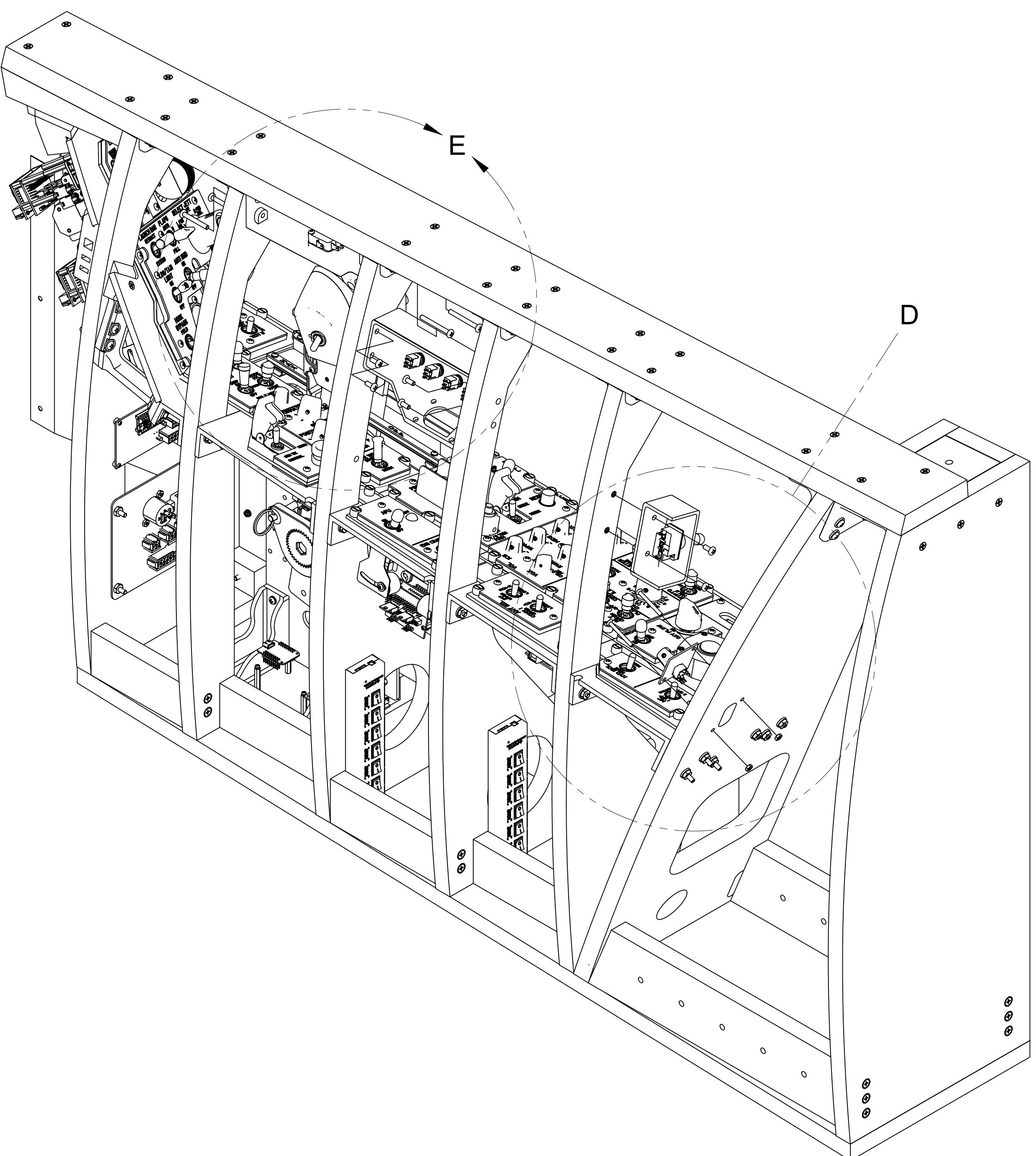


-1 ASSY  
LEFT CONSOLE PANEL  
INSTALLATION

8 7 6 5 4 3 2 1

D

D



-1 ASSY  
RIB AND CANOPY RAIL  
COMPONENT  
INSTALLATION

D

C

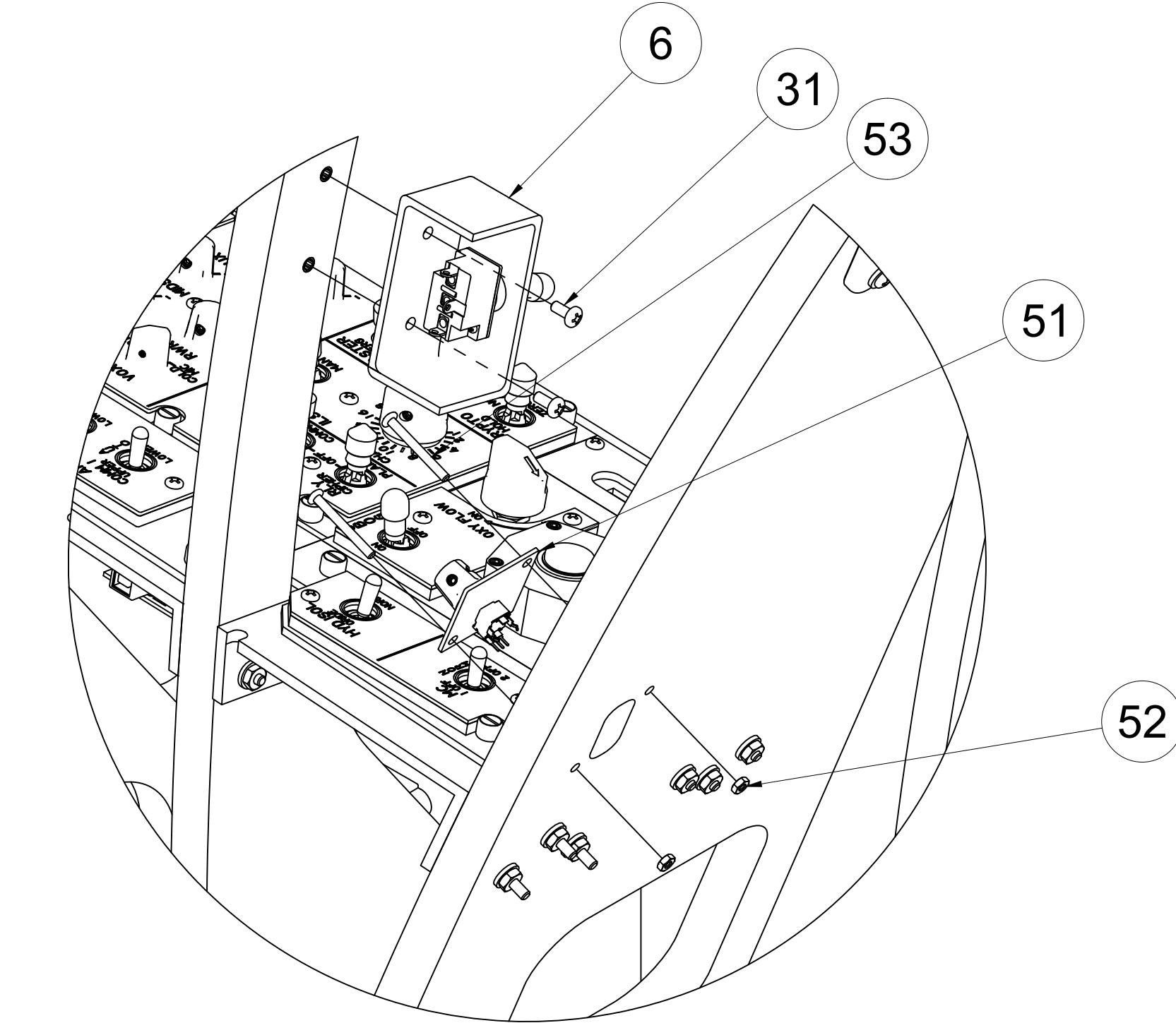
C

B

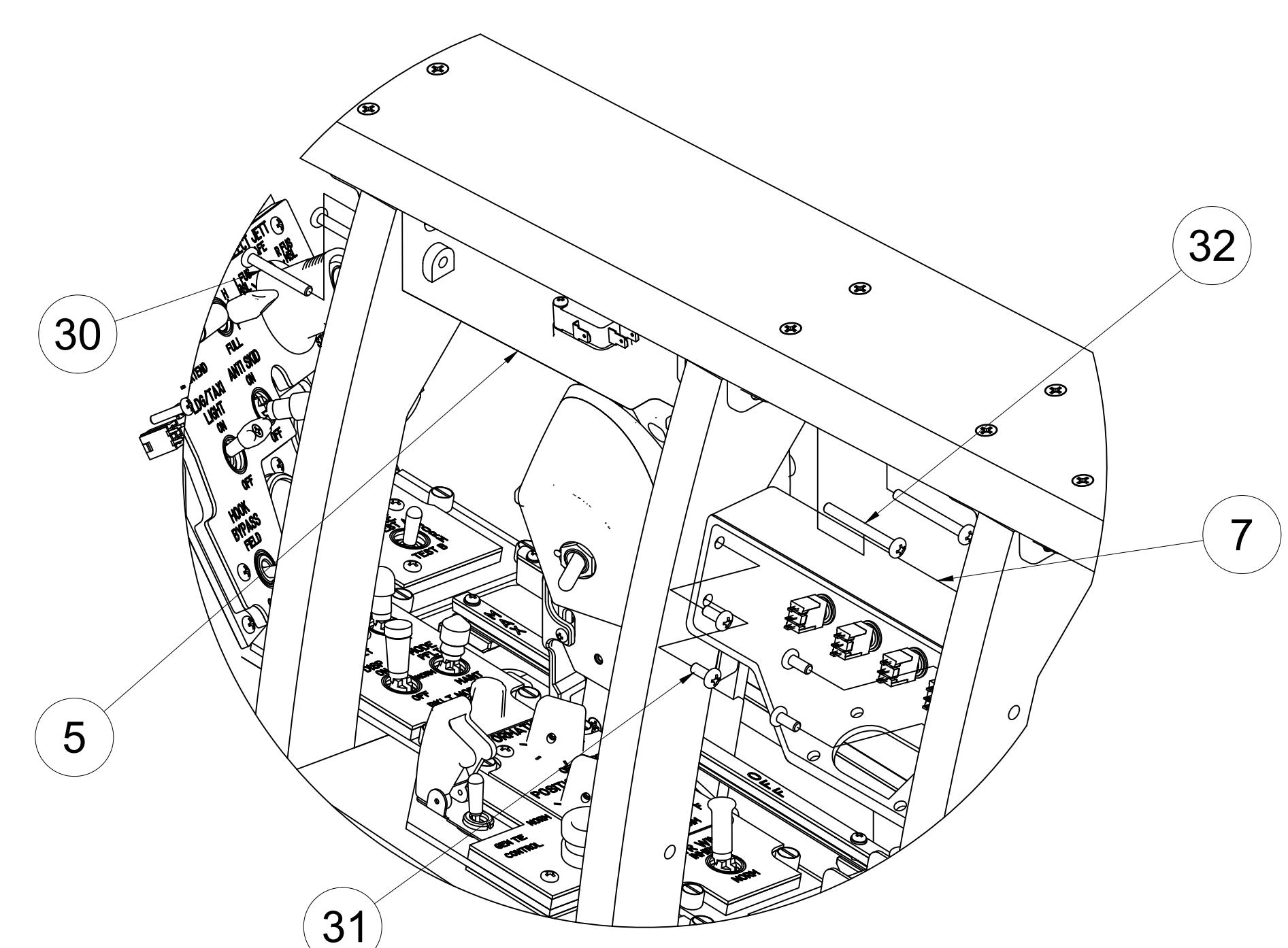
B

A

A



DETAIL D  
SCALE 1:2



DETAIL E  
SCALE 1:2

8 7 6 5 4 3 2 1

D

D

C

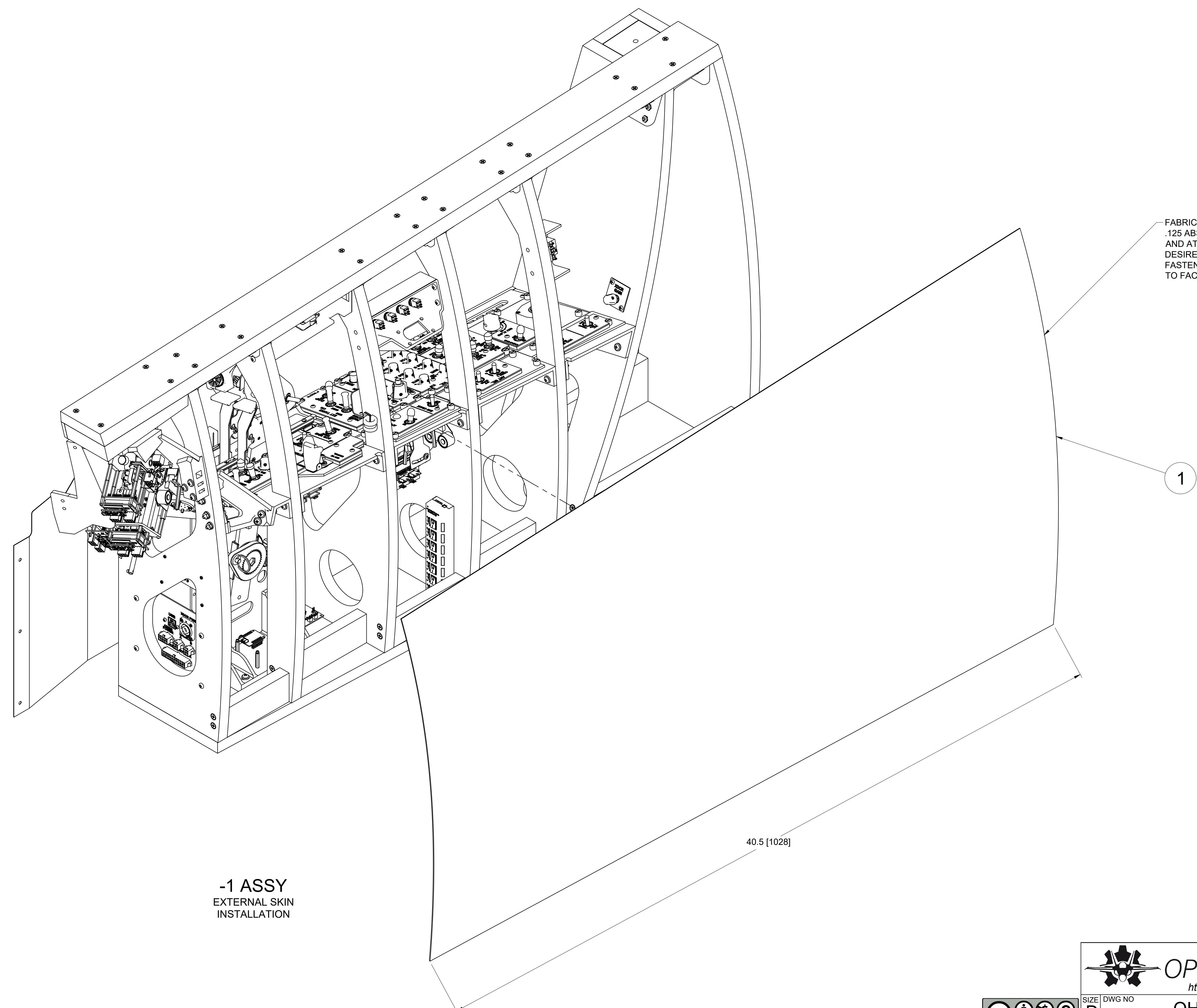
C

B

B

A

A



-1 ASSY  
EXTERNAL SKIN  
INSTALLATION

8 7 6 5 4 3 2 1

D

D

C

C

D

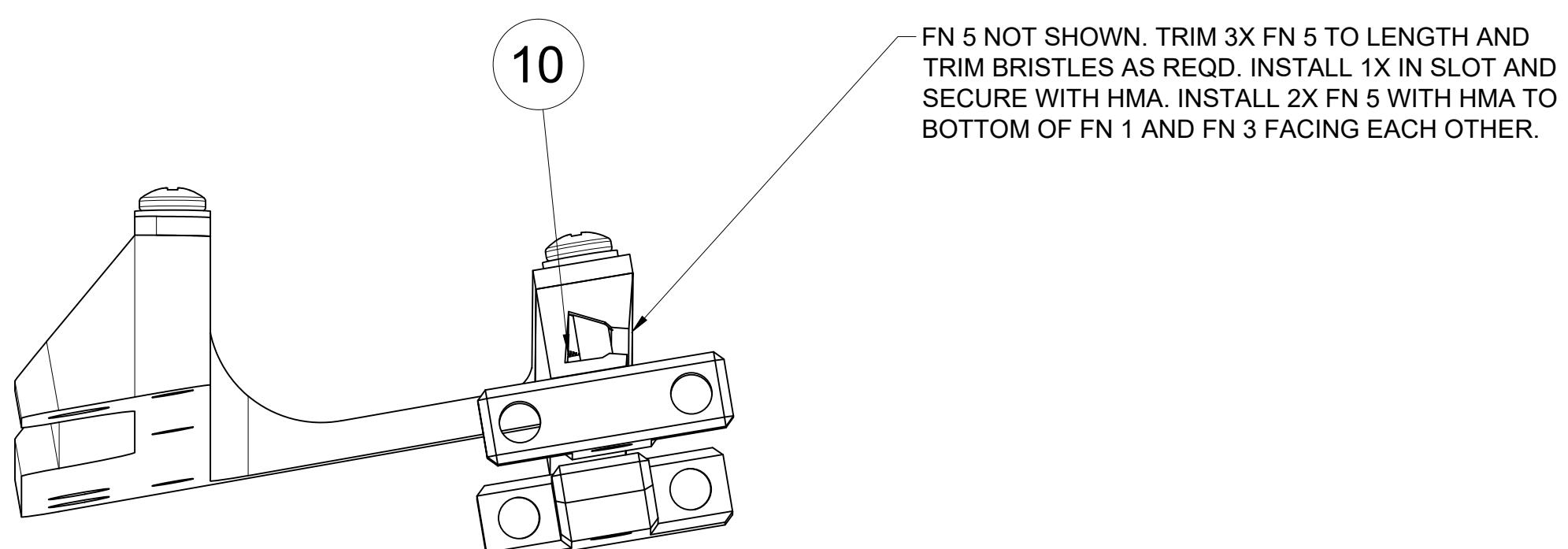
D

B

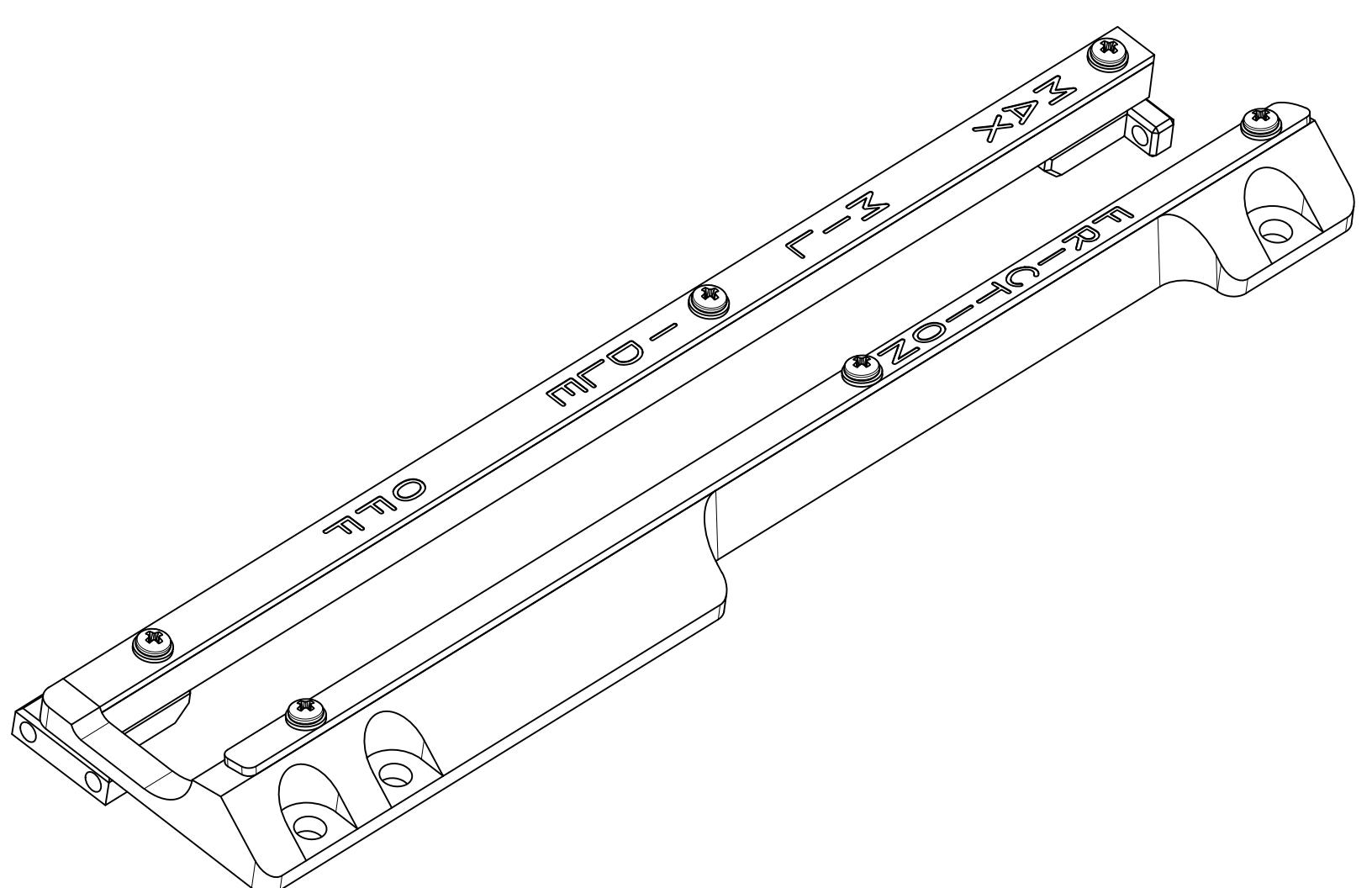
B

A

A



**OH4A9A4-1 ASSY**  
FRONT VIEW  
SCALE 2:1



**OH4A9A4-1 ASSY**  
EXPLODED VIEW  
SCALE 1:1

**OH4A9A4-1 ASSY**  
SCALE 1:1

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
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	1	OH4A9A4-15	FWD OUTBOARD THROTTLE QUADRANT RAIL SUPPORT	PETG
6	1	OH4A9A4-14	AFT OUTBOARD THROTTLE QUADRANT RAIL SUPPORT	PETG
5	3	7900T707	STRIP BRUSH, EASY-CUT, .125 WIDTH X .0975 THICK, NYLON	
4	1	OH4A9A4-13	INBOARD THROTTLE QUADRANT LEGEND PLATE	RMRK
3	1	OH4A9A4-12	OUTBOARD THROTTLE QUADRANT BRUSH HOLDER	PETG
2	1	OH4A9A4-11	OUTBOARD THROTTLE QUADRANT LEGEND PLATE	RMRK
1	1	OH4A9A4-10	INBOARD THROTTLE QUADRANT CONSOLE COVER PLATE	PETG



SIZE

DWG NO

D

REV

-

OH4A9A4-1

SCALE 1:2

SHEET 8/8