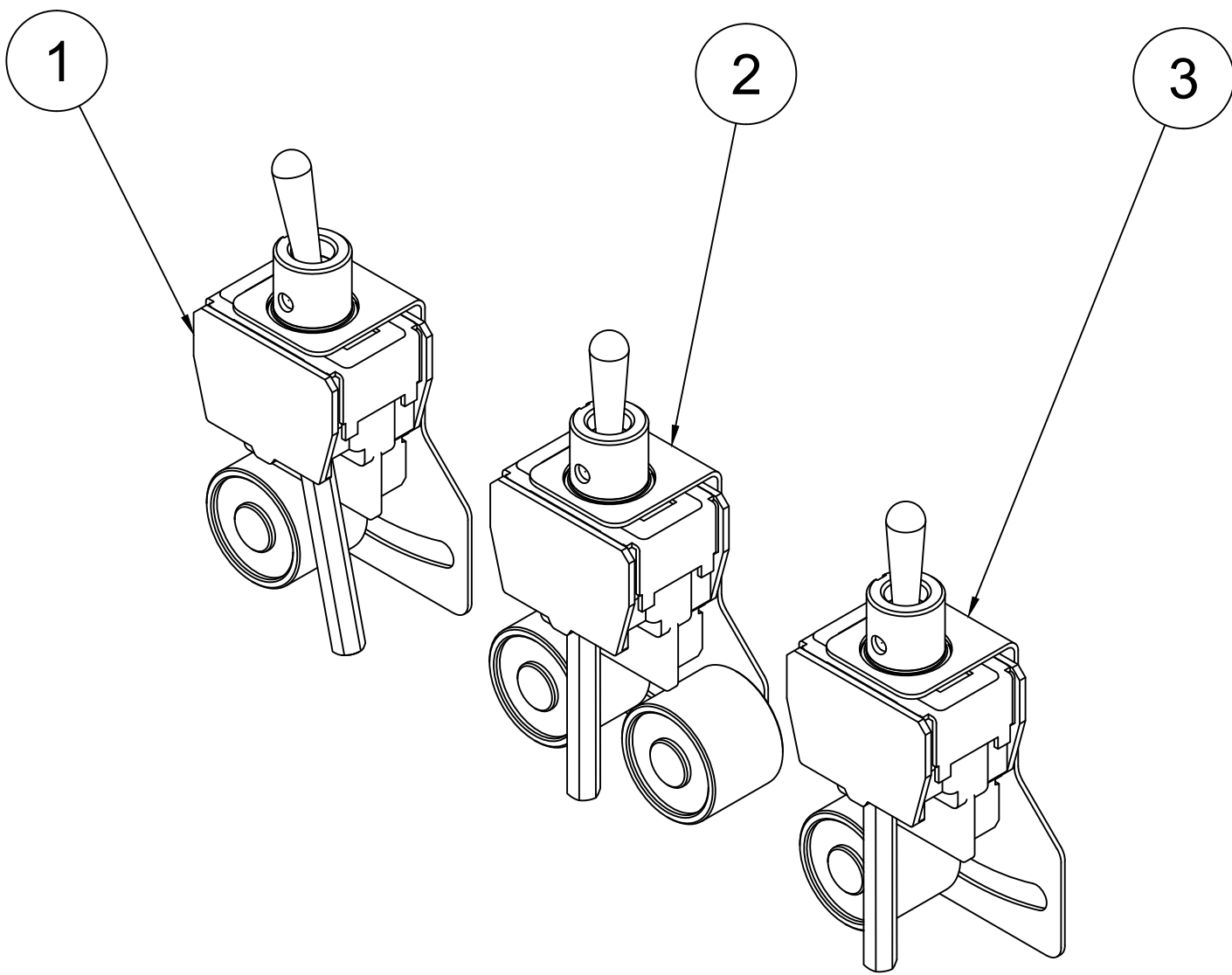



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. SPECIFICATIONS AND DOCUMENTS:
1.1. ELECTRICAL CONNECTIONS SHALL BE IAW OH-INTERCONNECT.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	9/24/2022	



-1 THRU -3 ASSY

3	1	OHC0005-3	ASSY, SWITCH, MAGNETICALLY HELD, (ON)-OFF-ON	
2	1	OHC0005-2	ASSY, SWITCH, MAGNETICALLY HELD, (ON)-OFF-(ON)	
1	1	OHC0005-1	ASSY, SWITCH, MAGNETICALLY HELD, (ON)-ON	
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
UNLESS OTHERWISE SPECIFIED:		UOS INCH TOLERANCES ARE:		
DIMENSIONS ARE IN INCHES.		DECIMALS:	ANGLES:	
DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.		.X ± .1	MACHINED ± .5°	
INTERPRET DRAWING IAW ASME Y14.100-2017.		.XX ± .03	LOCATING ± .5°	
INTERPRET DIM AND TOL IAW ASME Y14.5-2009.		.XXX ± .010	FORMED ± 2°	
REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX.			CHAMFERS ± 5°	
DIMENSIONS APPLY BEFORE FINISH.		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		
DESIGNED J. STEENSEN 9/24/2022				
CHECKED				
DRAWN J. STEENSEN 9/24/2022				
SIZE	D	DWG NO	OHC0005	REV -
SCALE 1:1				SHEET 1/5

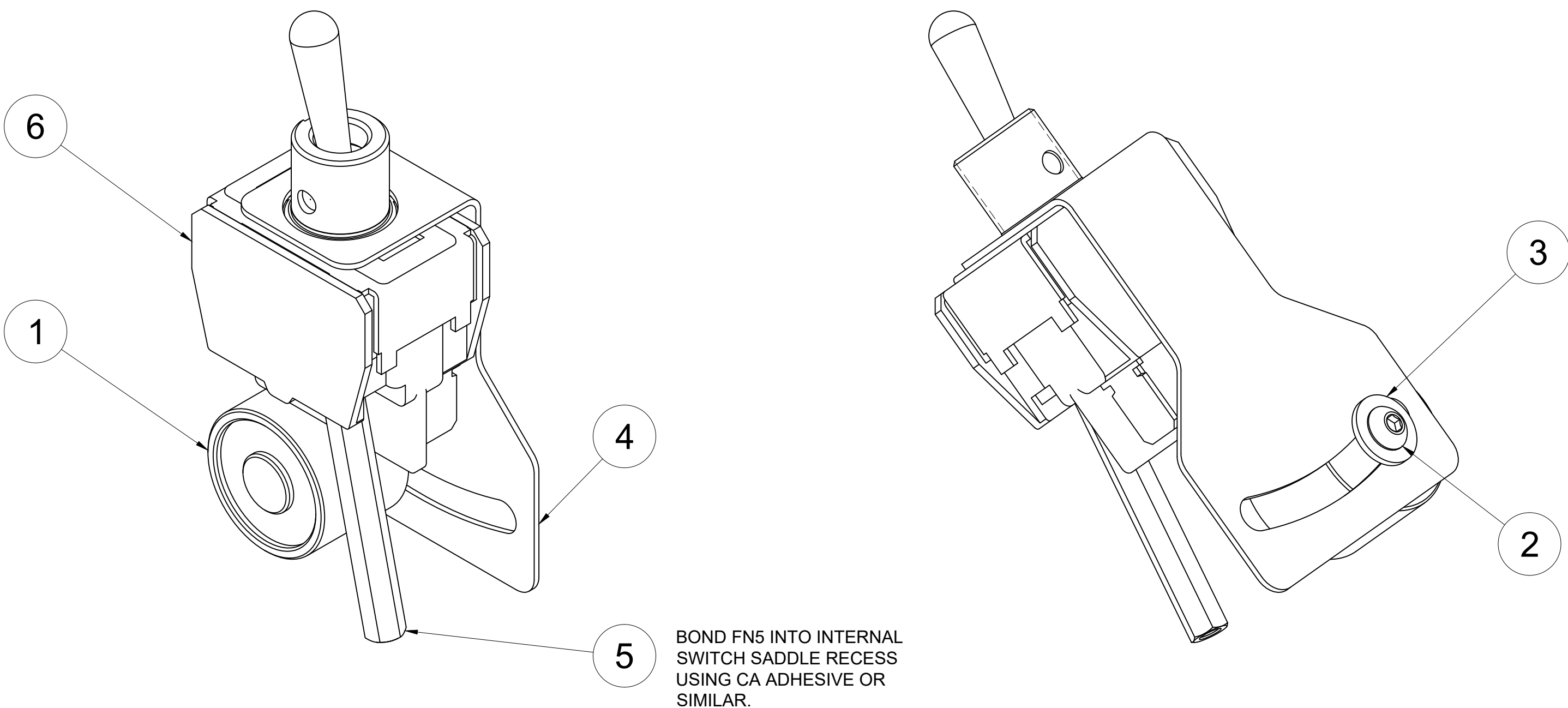


TITLE
ASSY, MAG HELD SWITCH

COMMON

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. SPECIFICATIONS AND DOCUMENTS:
1.1. ELECTRICAL CONNECTIONS SHALL BE IAW OH-INTERCONNECT.



6	1	645H/2 MOD	SWITCH, TOGGLE, MOM-ON, STD BAT (MODIFIED)	
5	1	91920A579	STANDOFF, M3 X 0.5 - 6.4 X 4.5 HEX X 50L, STL	STL
4	1	OHC0005-10	BRACKET, MAG SWITCH	ALU
3	1	91100A120	WASHER, M3 X 9 OD, STL, ZINC	STL
2	1	92095A179	BHCS, M3 X 0.5-6, 18-8	SS
1	1	P20/15	ELECTROMAGNET, Ø20 X 15, 12V DC, 25N	STL
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				

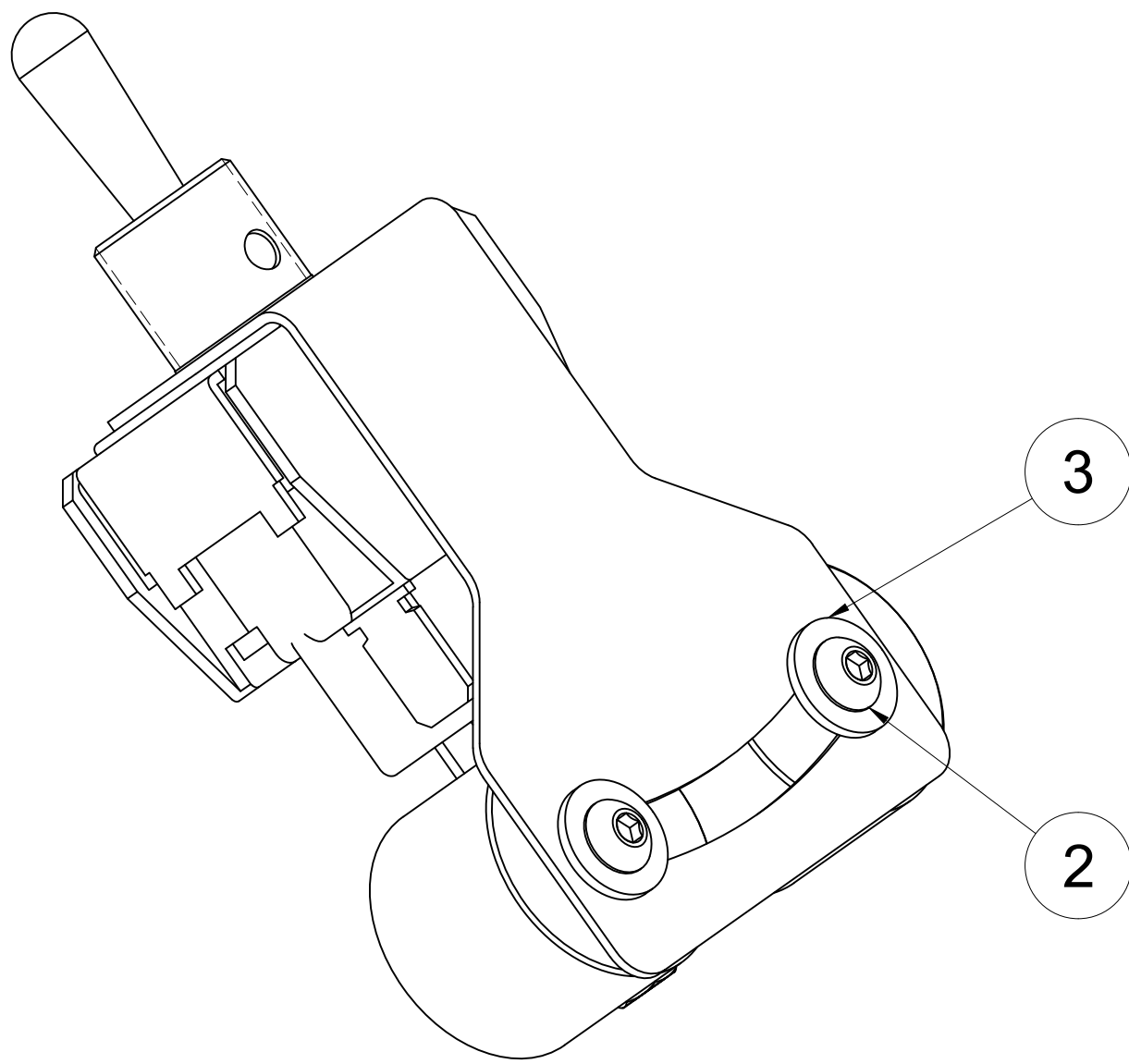
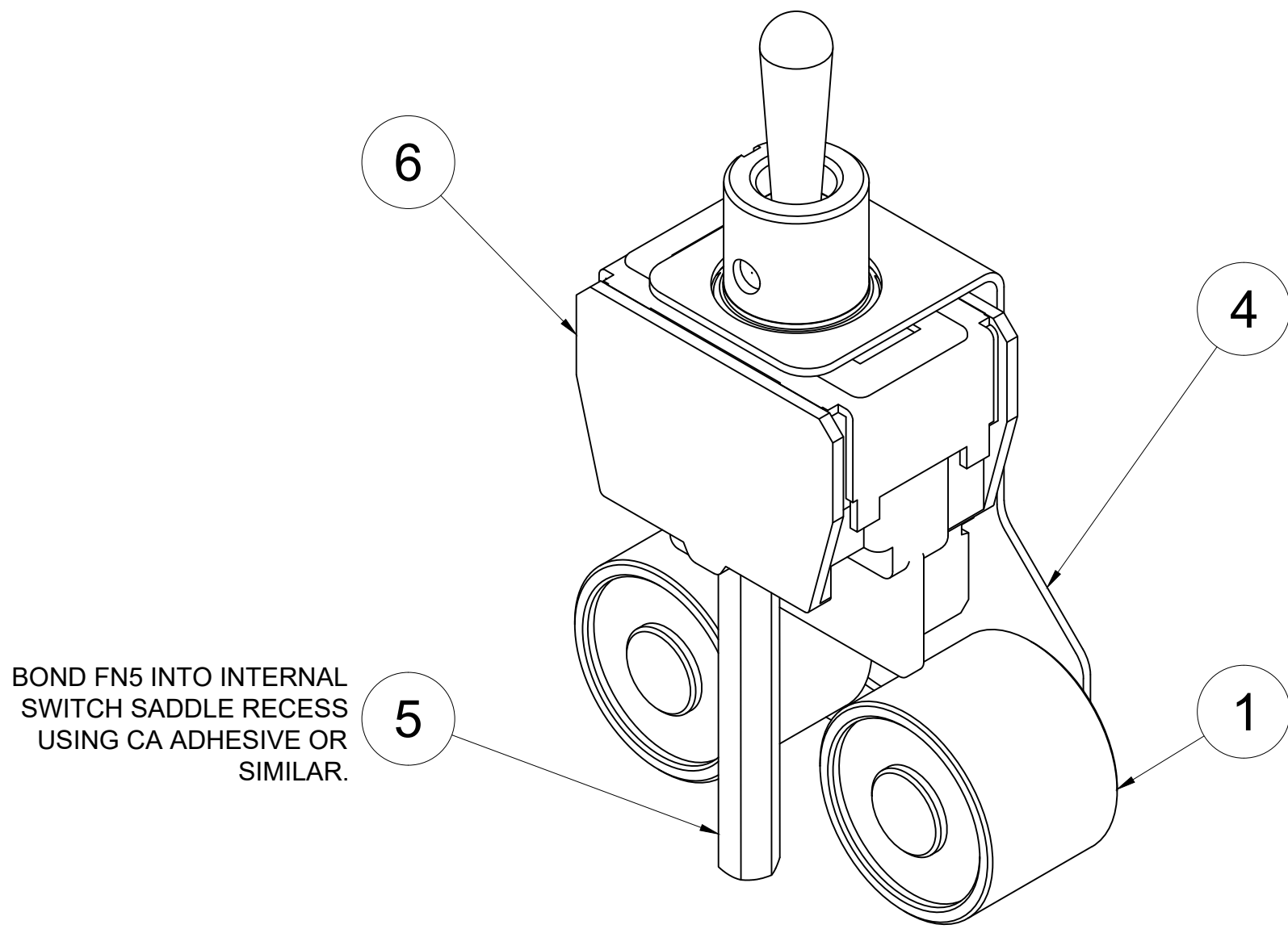




OPEN HORNET
<https://www.OpenHornet.com>

SIZE	DWG NO	REV
D	OHC0005-1	-
SCALE 2:1		SHEET 2/5

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- 1. SPECIFICATIONS AND DOCUMENTS:
 - 1.1. ELECTRICAL CONNECTIONS SHALL BE IAW OH-INTERCONNECT.



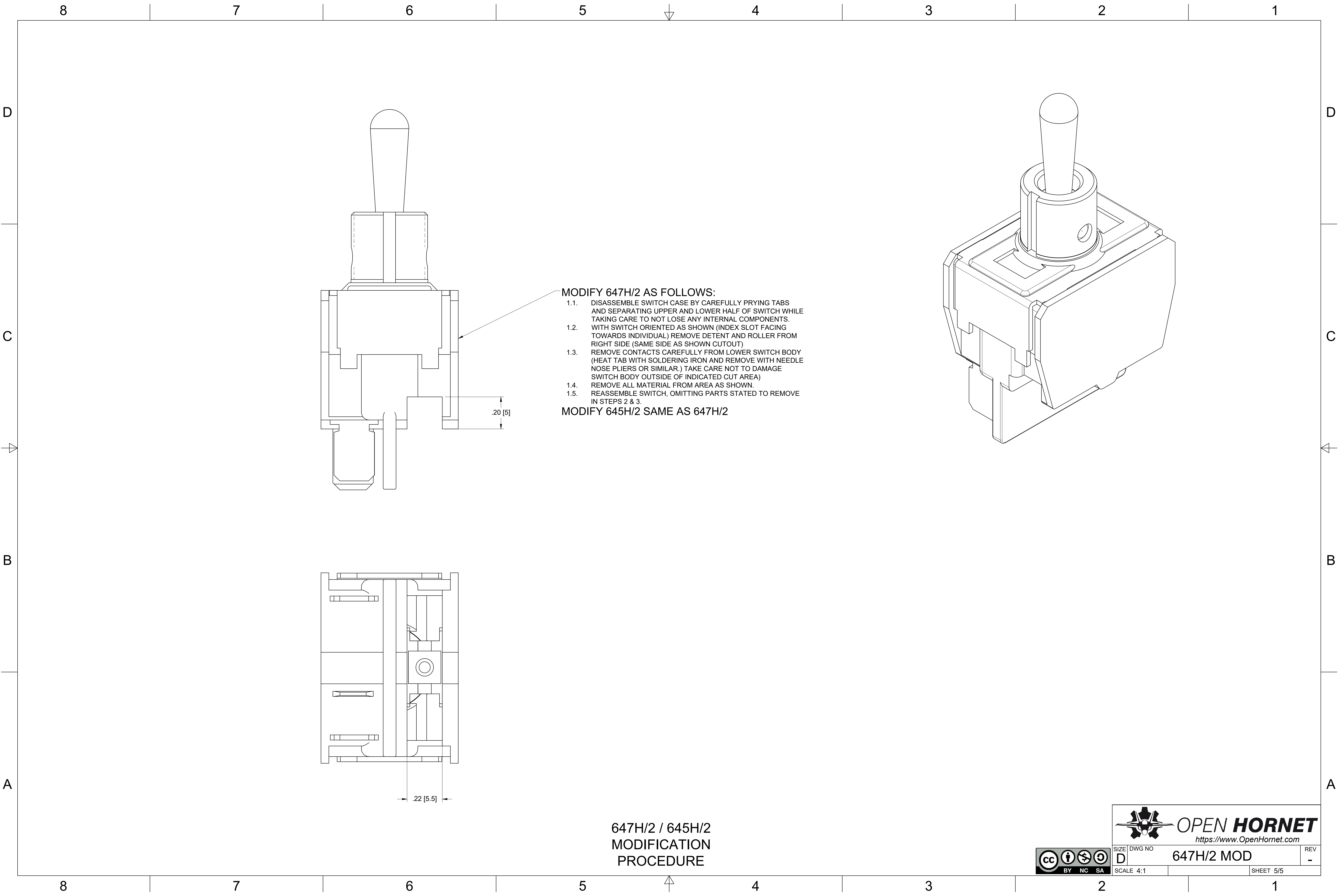
6	1	647H/2 MOD	SWITCH, TOGGLE, MOM-OFF-MOM, STD BAT (MODIFIED)	
5	1	91920A579	STANDOFF, M3 X 0.5 - 6.4 X 4.5 HEX X 50L, STL	STL
4	1	OHC0005-10	BRACKET, MAG SWITCH	ALU
3	2	91100A120	WASHER, M3 X 9 OD, STL, ZINC	STL
2	2	92095A179	BHCS, M3 X 0.5-6, 18-8	SS
1	2	P20/15	ELECTROMAGNET, Ø20 X 15, 12V DC, 25N	STL
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				





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

SIZE	DWG NO	REV
D	OHC0005-2	-
SCALE 2:1		SHEET 3/5



MODIFY 647H/2 AS FOLLOWS:

- 1.1. DISASSEMBLE SWITCH CASE BY CAREFULLY PRYING TABS AND SEPARATING UPPER AND LOWER HALF OF SWITCH WHILE TAKING CARE TO NOT LOSE ANY INTERNAL COMPONENTS.
- 1.2. WITH SWITCH ORIENTED AS SHOWN (INDEX SLOT FACING TOWARDS INDIVIDUAL) REMOVE DETENT AND ROLLER FROM RIGHT SIDE (SAME SIDE AS SHOWN CUTOUT)
- 1.3. REMOVE CONTACTS CAREFULLY FROM LOWER SWITCH BODY (HEAT TAB WITH SOLDERING IRON AND REMOVE WITH NEEDLE NOSE PLIERS OR SIMILAR.) TAKE CARE NOT TO DAMAGE SWITCH BODY OUTSIDE OF INDICATED CUT AREA)
- 1.4. REMOVE ALL MATERIAL FROM AREA AS SHOWN.
- 1.5. REASSEMBLE SWITCH, OMITTING PARTS STATED TO REMOVE IN STEPS 2 & 3.

MODIFY 645H/2 SAME AS 647H/2

647H/2 / 645H/2
MODIFICATION
PROCEDURE



**OPEN HORNET**
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SIZE	DWG NO	REV
D	647H/2 MOD	-
SCALE 4:1		SHEET 5/5