



Oktoberfest Assembly Manual

"Assemblies On Tap"

DOCUMENT REVISION HISTORY

100-1002-A	April 2019	Initial Release of Document
	July 2019	Final Release of Document

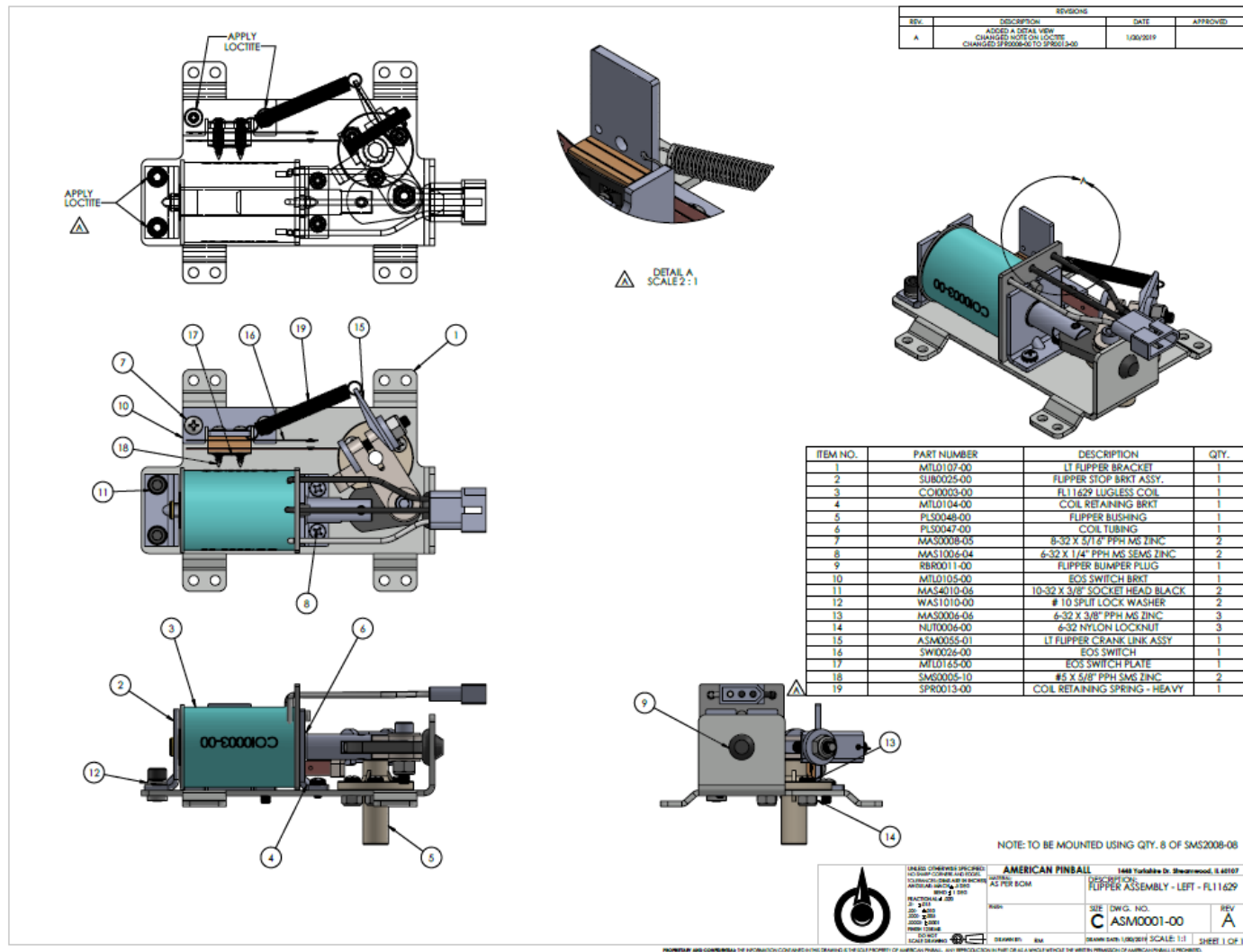
All information in this manual is accurate at time of release and is subject to change without notice.

Check <https://www.american-pinball.com/support/> for any and all updates to this manual.

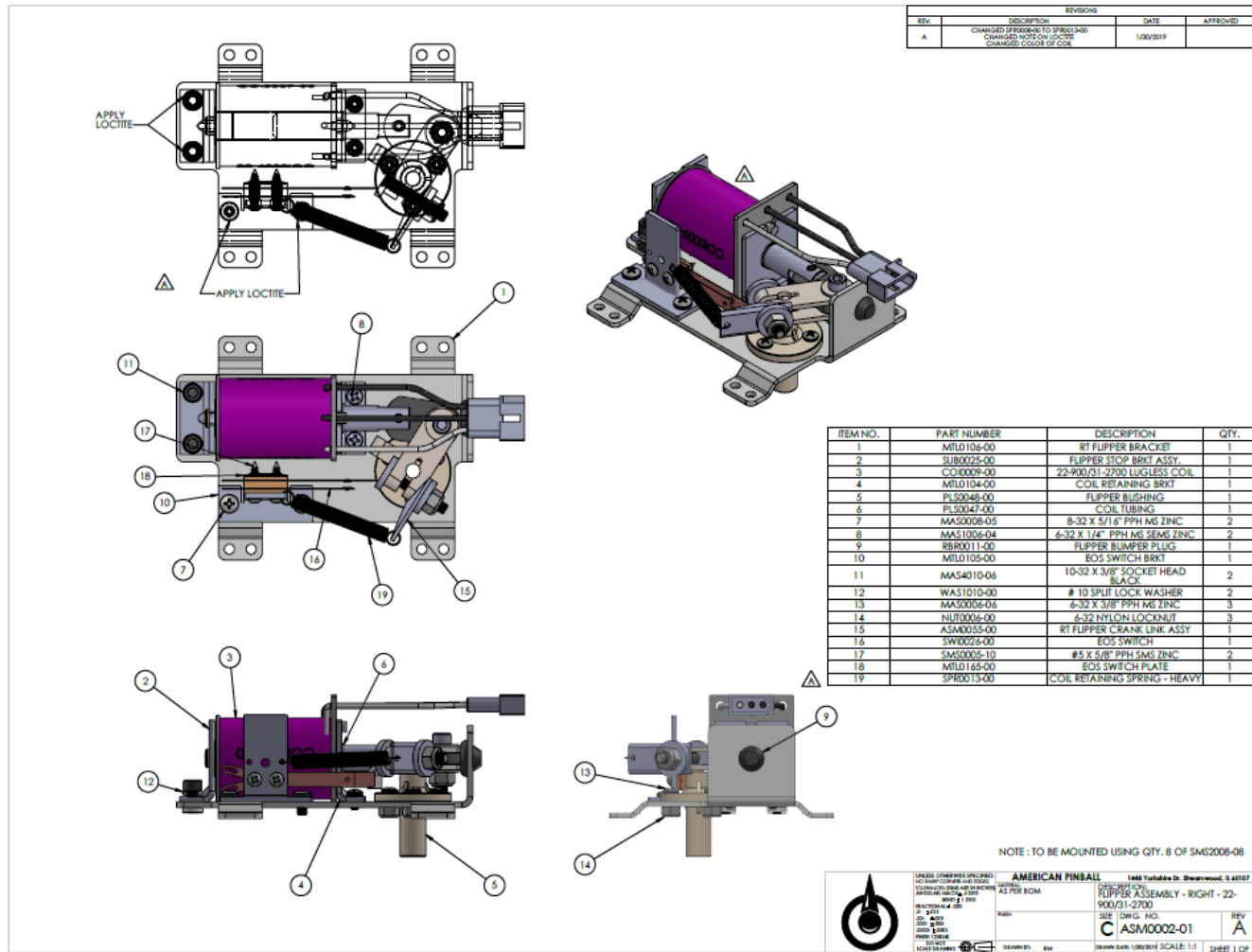
Complied by BTA

ASSEMBLY	PAGE	ASSEMBLY	PAGE
INDEX	2	SINGLE OPTO	33
FLIPPER LEFT	3	WIRE GATE	34
FLIPPER LOWER RIGHT	4	BUMPER RING	35
FLIPPER UPPER RIGHT	5	48 VOLT FILTER BOARD	36
POP BUMPER	6	BAR SWITCH	37
SLING SHOT	7	CABINET	38
BALL TROUGH	8	BACK BOX	39
FIXED MAGNET	9		
ADJUSTABLE MAGNET	10		
SCOOP – SUPER VUK	11		
AUTO LAUNCH	12		
VUK	13		
CABINET POWER BOX	14		
CABINET PCB	15		
COIL DRIVER	16		
CBALL SHOOTER	17		
DROP TARGET	18		
BAR TENDER	19		
RAMP	20		
SPINNER	21		
SUBWAY	22		
COASTER LOCK	23		
BEER BARREL LOCK	24		
UP RAMP COIL	25		
RAMP FLOOR	26		
DUAL OPTO	27		
DUAL OPTO NARROW	28		
SWITCH / OPTO BOARD	29		
SINGLE SWITCH BOARD	30		
POWER SUPPLY	31		
PLASTIC RAMP	32		

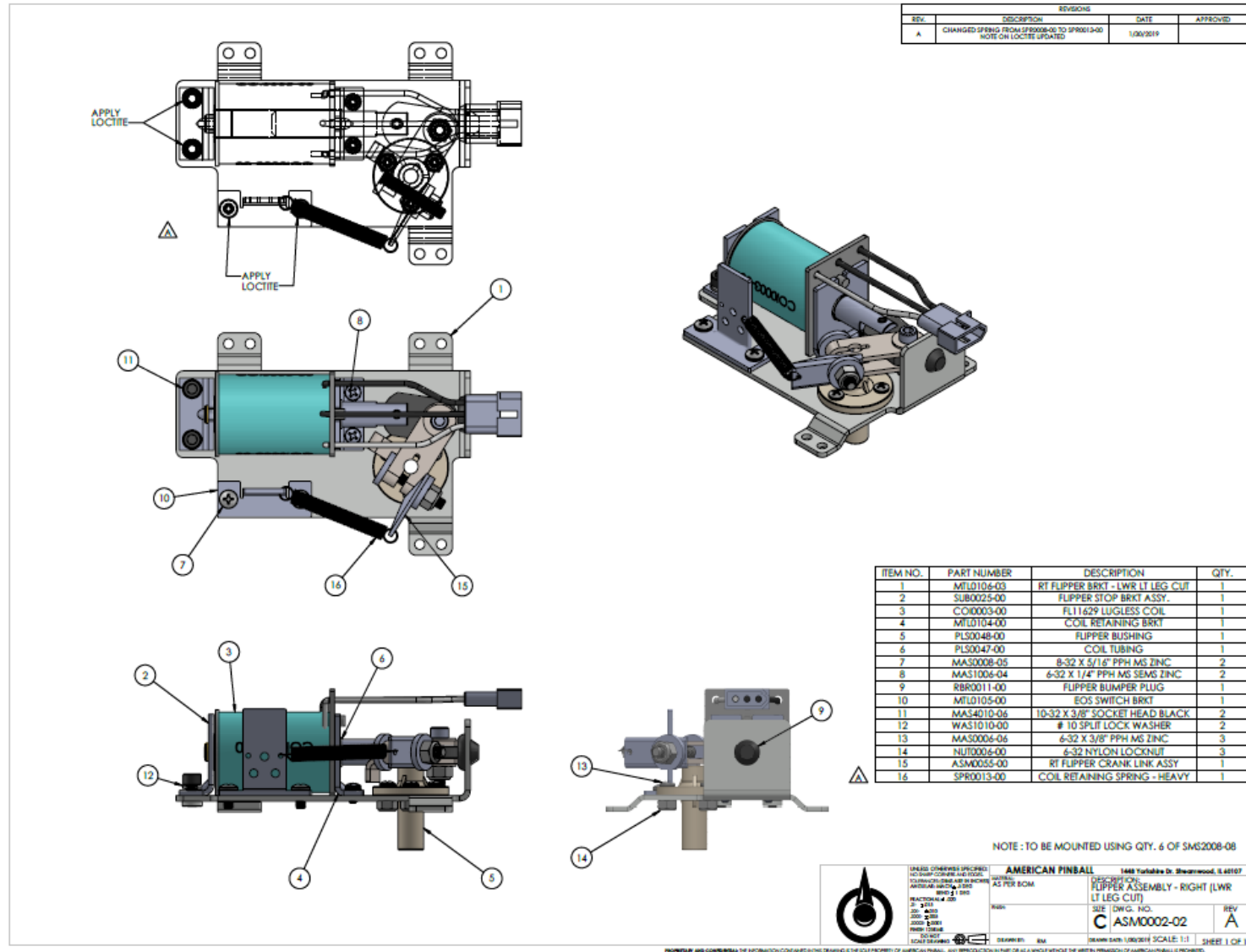
Flipper Left ASM0001-00A



Flipper Lower Right ASM0002-01A

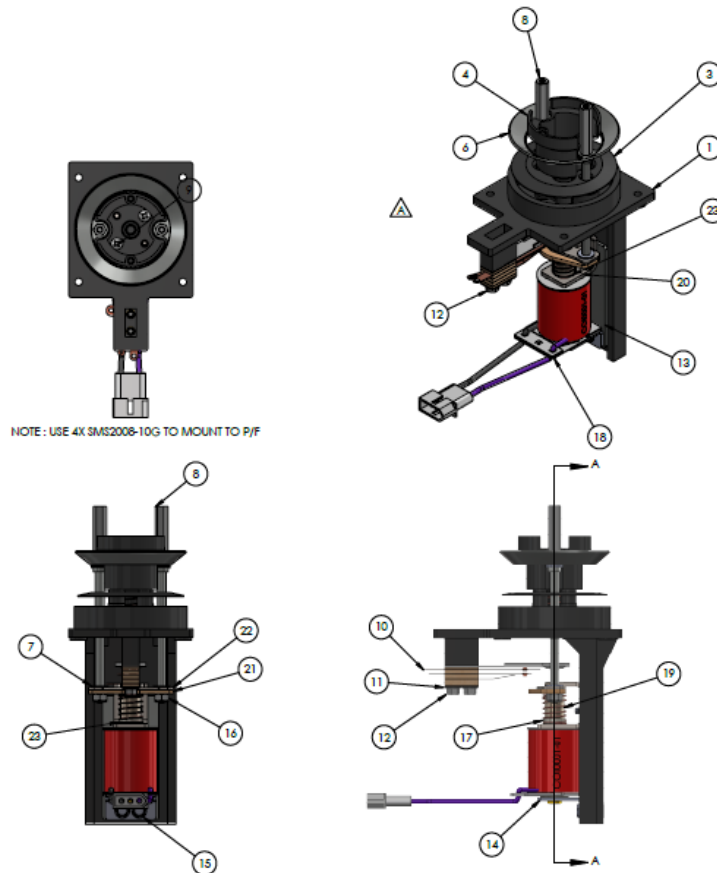


Flipper Upper Right ASM0002-02A

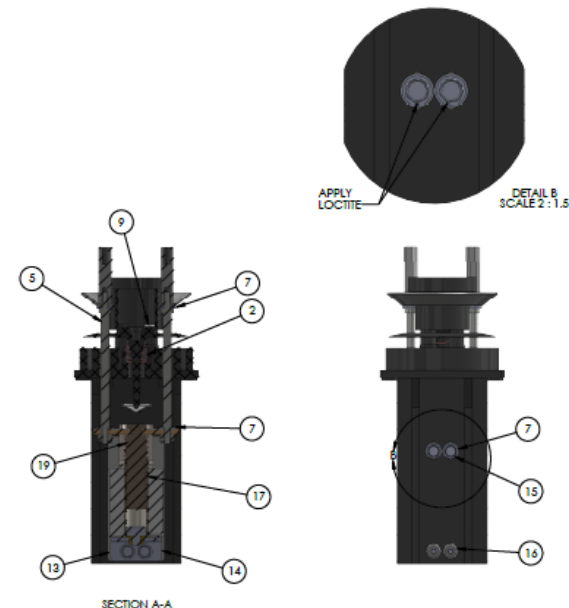


Pop Bumper ASM0003-00A

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ASSEMBLY REDRAWN ADDED MT.0067-00 SWITCH PLATE	02/01/2019	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PLS0001-00	BUMPER HOUSING	1
2	SPR0004-00	BUMPER SKIRT SPRING	1
3	PLS0003-00	BUMPER SKIRT - BLACK	1
4	PLS0002-00	BUMPER BODY - BLACK	1
5	MCH0013-00	BUMPER ROD	2
6	MCH0012-00	BUMPER RING	1
7	WAS0006-00	#6 FLAT WASHER	8
8	HEX406-20	1/4" HEX SPACER X 1-1/4" 6-32 FEMALE THREADED ENDS	2
9	SN60006-14	#6 X 7/8" PPH SMS ZINC	2
10	SW0019-00	BUMPER SWITCH	1
11	MTL0087-00	SWITCH PLATE	1
12	MA52006-16	6-32 X 1" HHW SERATED FLANGE SCREW	2
13	MTL0088-00	BUMPER SPACING PLATE	1
14	SB0002-00	COIL STOP BRACKET ASSEMBLY	1
15	MA52006-06	6-32 X 1/2" HHW MS ZINC	4
16	NU70006-00	6-32 LOCKNUT	4
17	PLS0005-00	COIL SLEEVE 1-3/4" X 1/2" NO FLANGE	1
18	COI0001-01	28-800 UGLISS COIL	1
19	PI6R0008-00	BUMPER PLUNGER	1
20	MTL0089-00	BUMPER YOKE STOP BKT	1
21	MSC0022-00	BUMPER YOKE FIBER	1
22	MTL0084-00	BUMPER YOKE METAL	1
23	SPR0005-00	BALL TROUGH SPRING	1



SECTION A-A

[illegible]

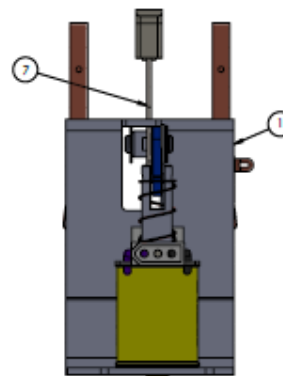
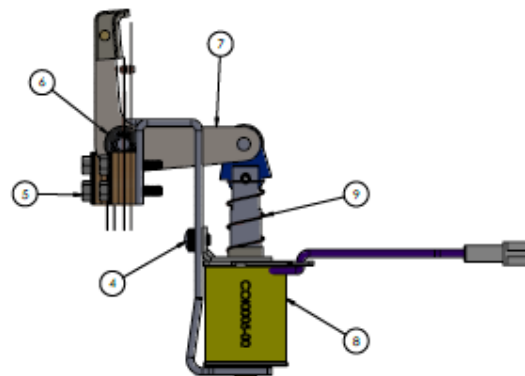
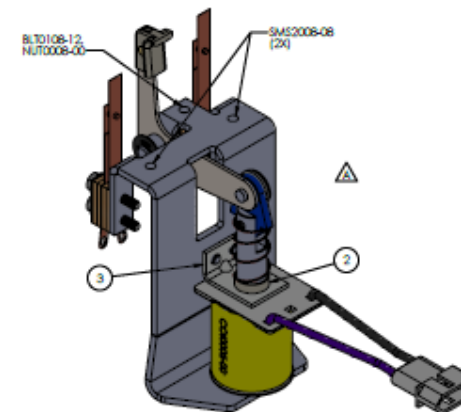
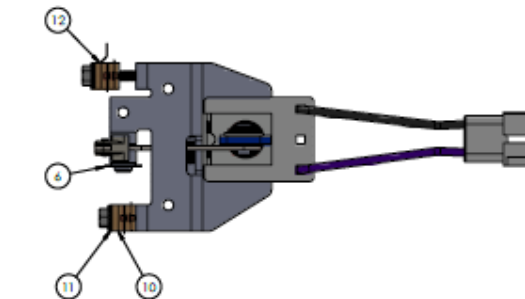
PROJ:	AMERICAN PINBALL	
DATE:		
CHG#:		
	INSTRUC:	
	AS PER BOM	
	PUSH	
	DRW#:	RM

ALL 1440 Yorkville Dr. Streamwood, IL 60137		
DESCRIPTION: BOTTOM POP BUMPER ASSEMBLY - 23-800		
SIZE	DWG. NO.	REV
C	ASM0003-00	A
DRAWN DATE: 2/25/99 SCALE: 1:1.5 SHEET 1 OF 1		

Slingshot ASM0004-01A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	SUB0011-00	SLINGSHOT BRACKET ASSEMBLY	1
2	PL00035-00	COIL SLEEVE 1-3/4" X 1/2" NO FLANGE	1
3	MTL0062-00	8-32 TAPPED STANDARD COIL MOUNTING BRACKET	1
4	MAS1006-04	8-32 X 1/4" PPH MS SEMS ZINC	2
5	MAS2006-12	6-32 X 3/4" HWH SERRATED FLANGE SCREW	4
6	SPC0003-04	1/4" SHAFT RETAINING RING E-STYLE	1
7	ASM0072-00	SLINGSHOT BELLCRANK & PLUNGER ASSEMBLY	1
8	CC00005-00	26-1200 LUGLESS COIL	1
9	SPR0005-00	BALL TROUGH SPRING	1
10	SW10021-00	SLINGSHOT SWITCH	1
11	MTL0067-00	SWITCH PLATE	2
12	SW10021-20	SLINGSHOT SWITCH W/LUGS	1

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
A	SWITCHER-08 CHANGED TO QTY. 2 ADDED LOCATION FOR BLT0108-12 AND NUT0008-00 REMOVED NOTE ON LOCATOR	1/26/2019	



AMERICAN PINBALL

1400 Yorkville Dr., Bensenville, IL 60007

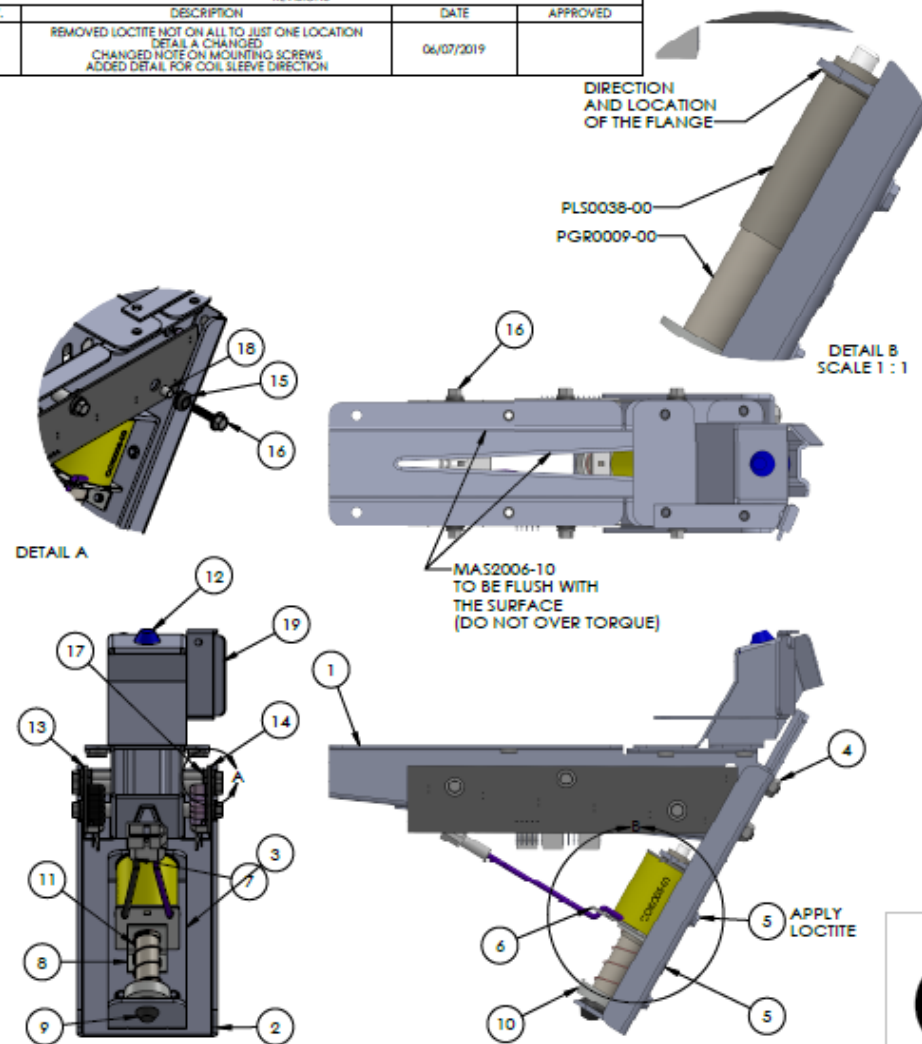
DESCRIPTION: SLINGSHOT ASSEMBLY - 26-1200

SEE DWG. NO. C ASM0004-01

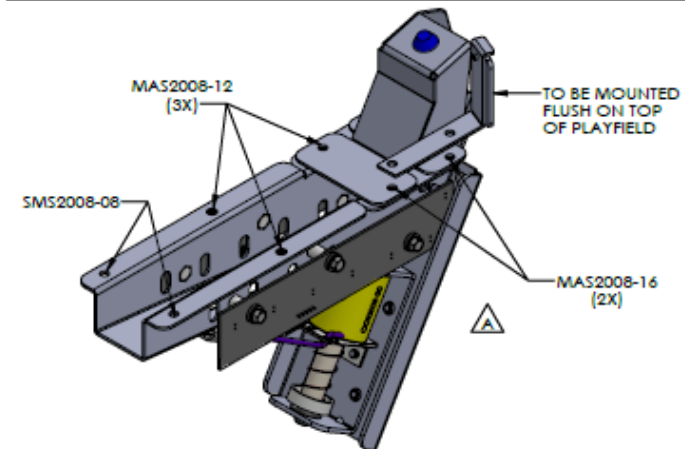
REV A

Ball Trough ASM0005-01A

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	REMOVED LOCITITE NOT ON ALL TO JUST ONE LOCATION DETAIL A CHANGED CHANGED NOTE ON MOUNTING SCREWS ADDED DETAIL FOR COIL SLEEVE DIRECTION	06/07/2019	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0089-00	BALL TROUGH WELDED ASSEMBLY	1
2	MTL0090-00	BALL TROUGH FRONT BRACKET	1
3	MTL0091-00	COIL MOUNTING BRACKET	1
4	NUT0008-00	8-32 NYLON LOCKNUT - LOW PROFILE	4
5	MAS2008-04	8-32 X 1/4" HWH M5 ZINC	6
6	COI0005-00	26-1200 LUGLESS COIL	1
7	PLS0038-00	COIL SLEEVE 1-7/8" X 3/16" FLANGE	1
8	MTL0082-00	8-32 TAPPED STANDARD COIL MOUNTING BRACKET	1
9	RBR0011-00	FUPPER BUMPER PLUG	1
10	PGR0009-00	BALL TROUGH PLUNGER ASSY	1
11	SPR0005-00	BALL TROUGH SPRING	1
12	RBR0014-00	BALL TROUGH BUMPER PLUG	1
13	PCB0019-00	BALL TROUGH RECIEVER BOARD	1
14	PCB0019-01	BALL TROUGH TRANSMITTER BOARD	1
15	RBR0015-00	PCB RUBBER GROMMET	6
16	MAS2006-10	6-32 X 5/8" HWH M5 ZINC	6
17	WAS0006-00	#6 FLAT WASHER	6
18	MCH0016-00	BALL TROUGH BUSHING	6
19	MTL0093-00	BALL STOP BRACKET	1



UNLESS OTHERWISE SPECIFIED:
NO SHARP CORNERS AND EDGES.
TOLERANCES ARE IN INCHES
ANGULAR: MATCH $\pm .5$ DEG
BEND ± 1 DEG
FRACTIONAL: $\pm .020$
X- $\pm .015$
X6- $\pm .010$
X36- $\pm .005$
X300- $\pm .001$
FINISH: 125RMS

DO NOT

AMERICAN PINBALL
AS PER BOM

FINCH

DRAWN BY: RM

1448 Yorkshire Dr. Streamwood, IL 60107

DESCRIPTION:	6 BALL TROUGH ASSEMBLY-26-1200
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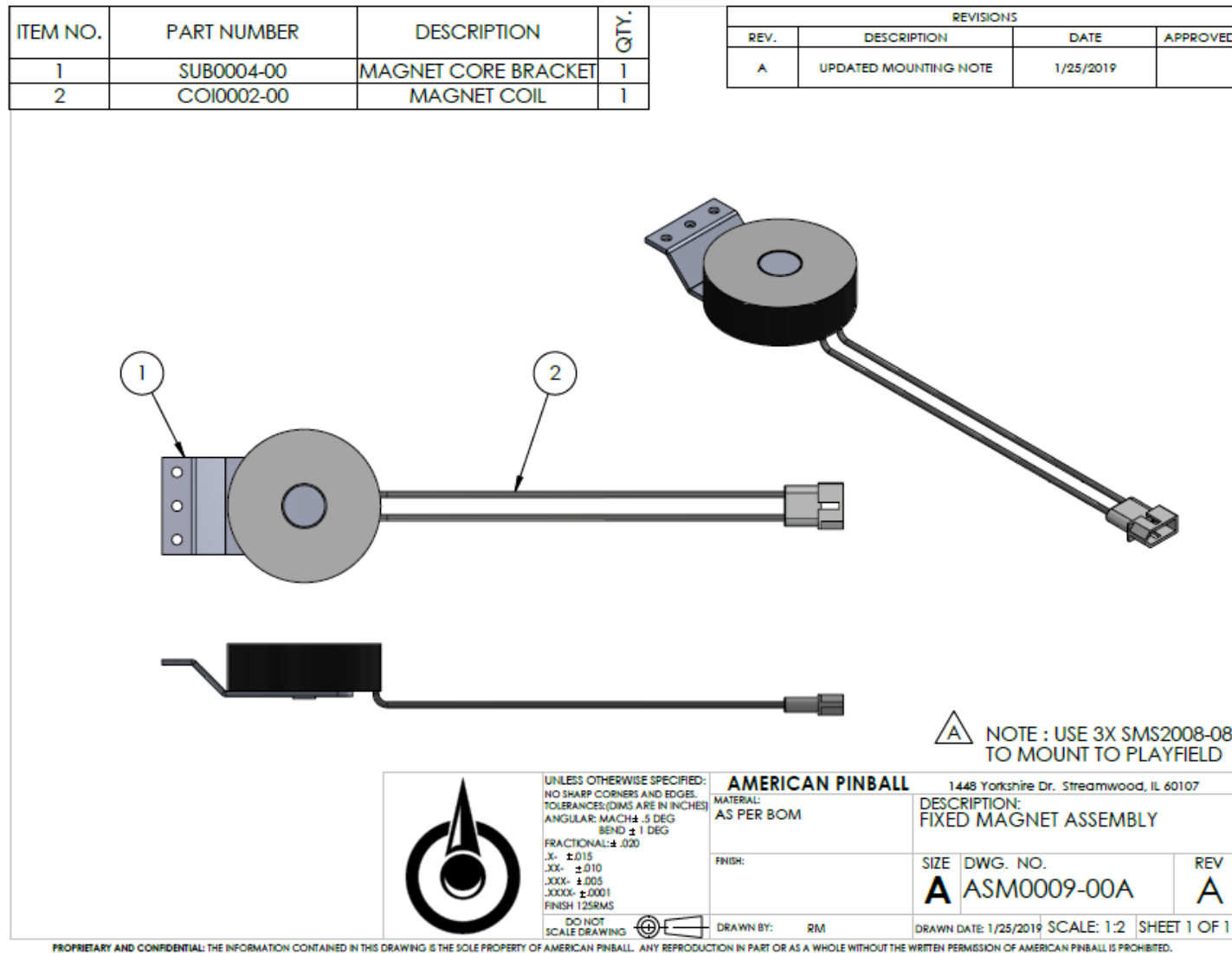
SIZE	DWG. NO.
B	ASM0005-01

	DATE: 6/6/2019	SCALE: 1:2
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ET 1 OF 1

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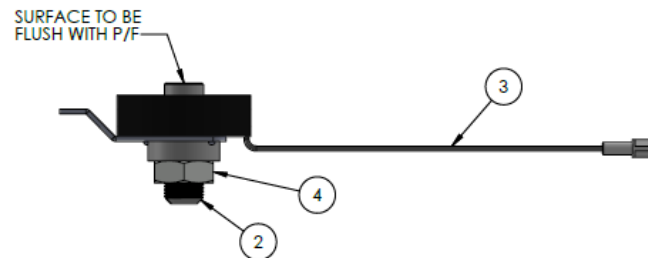
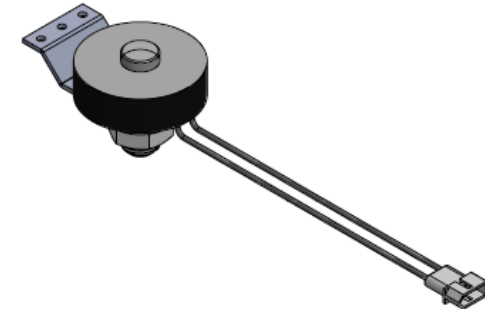
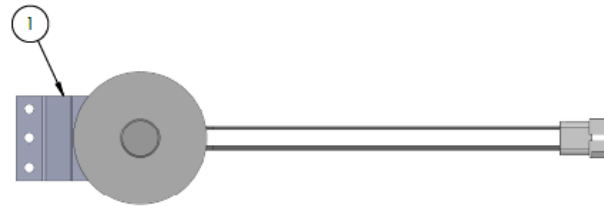
Fixed Magnet ASM0009-00A



Adjustable Magnet ASM0009-01A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SUB0014-00	ADJUSTABLE MAGNET BRACKET	1
2	MCH0034-00	MAGNET CORE	1
3	COI0002-00	MAGNET COIL	1
4	NUT6034-00	3/4-16 JAM NUT	1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ASSEMBLY REDRAWN	1/29/2019	



NOTE :
TO BE MOUNTED ON P/F USING 3X SMS2008-08



UNLESS OTHERWISE SPECIFIED:
NO SHARP CORNERS AND EDGES
TOLERANCES (DIMENSIONS ARE IN INCHES)
ANGULAR: MATCH ±.5 DEG
BEND ± 1 DEG
FRACTIONAL: ± .005
JOK: ± .015
JOK: ± .010
JOK: ± .005
JOK: ± .001
FINISH 125RA5
DO NOT SCALE DRAWING

AMERICAN PINBALL
MATERIAL:
AS PER BOM

1448 Yorkshire Dr. Streamwood, IL 60107
DESCRIPTION:
ADJUSTABLE MAGNET ASSEMBLY

FINISH:
NONE

SIZE DWG. NO. REV
B ASM0009-01 A

DRAWN BY: RM

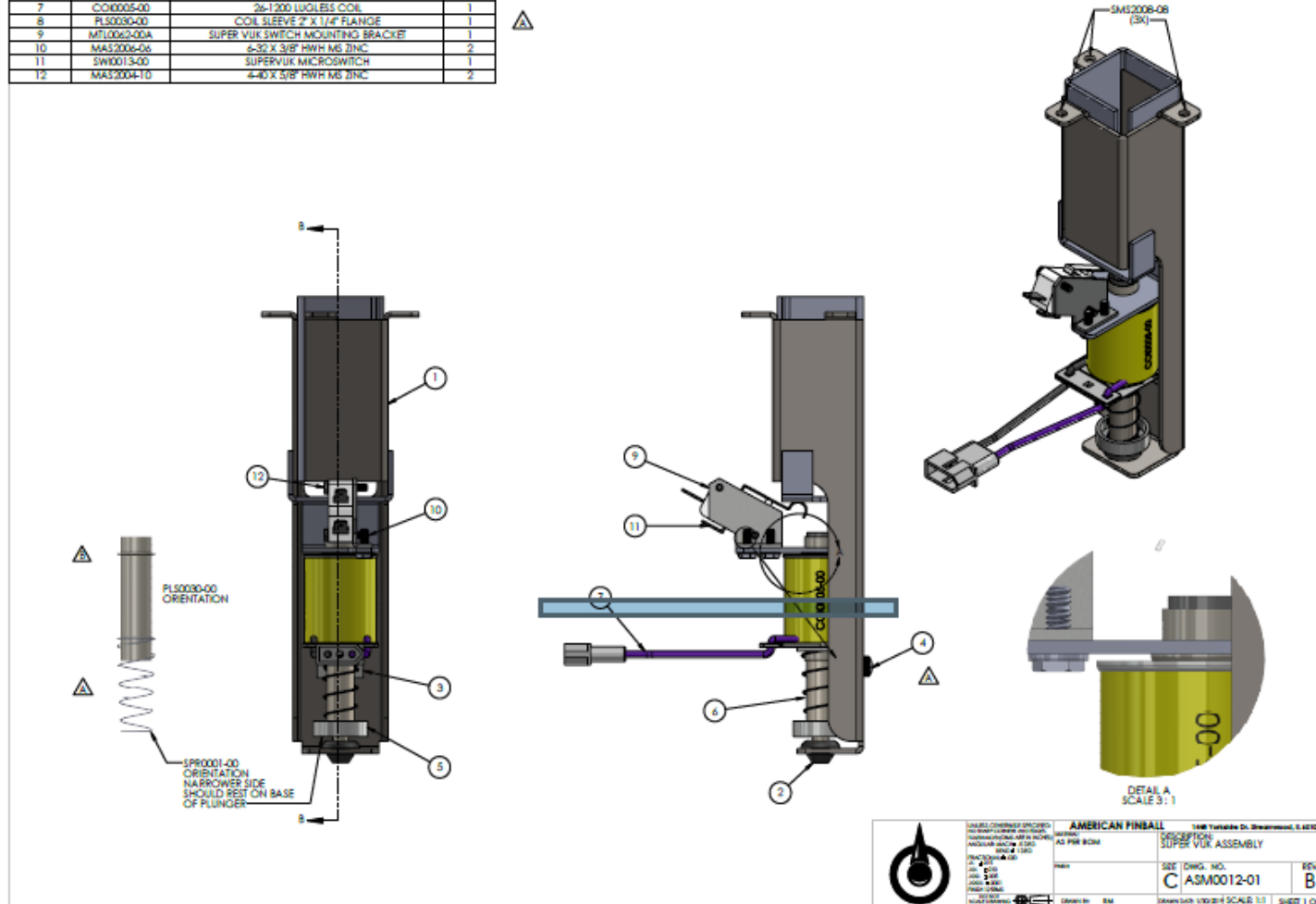
DRAWN DATE: 1/29/2019 SCALE: 1:2 SHEET 1 OF 1

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Scoop – Super VUK ASM 0012-01B

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SUB0001-00A	SUPER VUK WELDMENT (3F)	1
2	PR0001-1-00	FLUPPER BUMPER PLUG	1
3	MTL0002-00	8-32 TAPPED STANDARD COIL MOUNTING BRACKET	1
4	MAS1008-04	8-32 X 1/4" PPH MS SEMS ZINC	2
5	PO0004-00	VUK PLUNGER	1
6	SPR0001-00	VUK SPRING	1
7	CO0005-00	26-1200 LUGLESS COIL	1
8	PLS0003-00	COIL SLEEVE 2" X 1/4" FLANGE	1
9	MTL0062-00A	SUPER VUK SWITCH MOUNTING BRACKET	1
10	MAS2004-06	6-32 X 3/8" RHV MS ZINC	2
11	SW00013-00	SUPERVUK MICROSWITCH	1
12	MAS2004-10	4-40 X 5/8" RHV MS ZINC	2

REV.	DESCRIPTION	DATE	APPROVED
A	CHANGED ORIENTATION OF SPRING REMOVED NOTCH FOR APPLYING LOCATOR CHANGED ORIENTATION FOR PLUGGING	1/06/2019	
B	ADDED ORIENTATION FOR COIL SLEEVE (PLS0003-00) DETAIL VIEW CHANGED	4/1/2019	

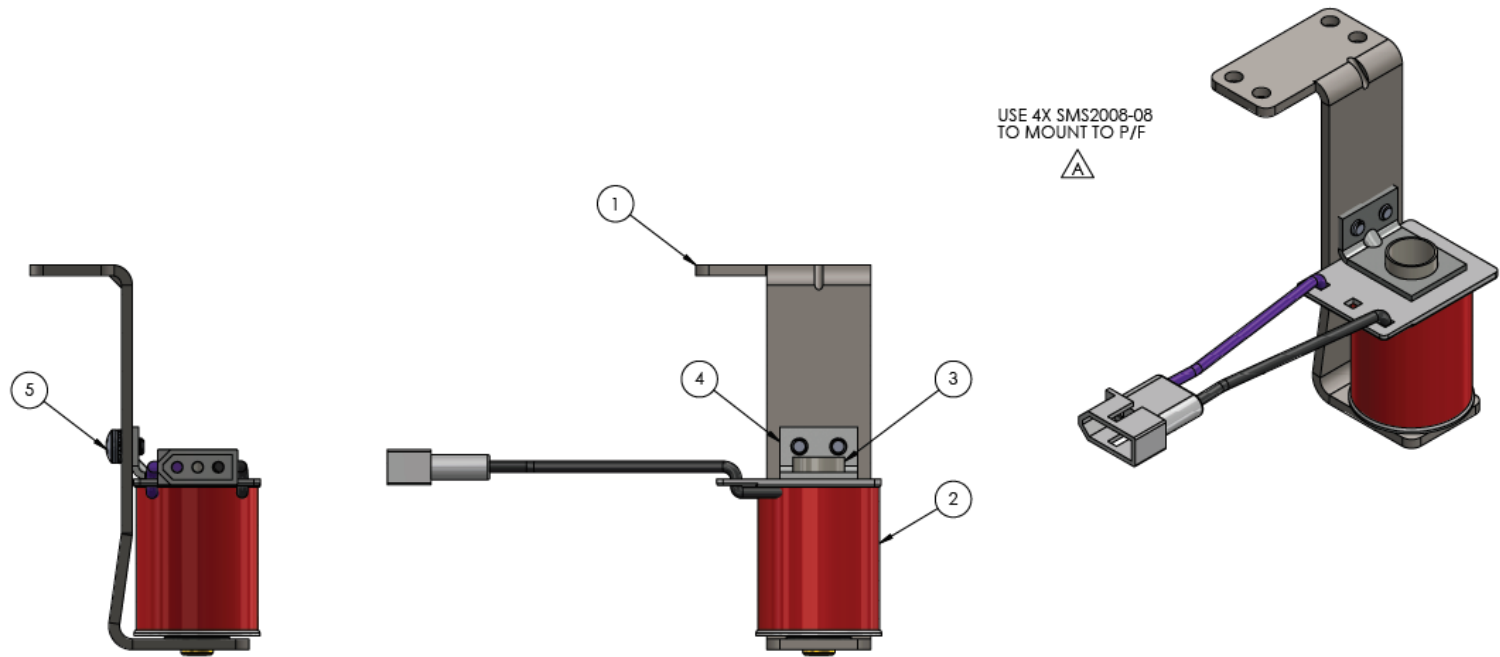


Auto Launch ASM0015-01

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SUB0008-00	AUTOLAUNCH COIL BRKT. ASSY.	1
2	COI0001-01	23-800 LUGLESS COIL	1
3	PLS0035-00	COIL SLEEVE 1-3/4" X 1/2" NO FLANGE	1
4	MTL0082-00	8-32 TAPPED STANDARD COIL MOUNTING BRACKET	1
5	MAS1008-04	8-32 X 1/4" PPH MS SEMS ZINC	2

A

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ADDED NOTE ON MOUNTING SCREW CHANGED MAS2008-06 TO MAS1008-04	1/28/2019	



UNLESS OTHERWISE SPECIFIED:
NO SHARP CORNERS AND EDGES
TOLERANCES/DIMS ARE IN INCHES
ANGULAR: MACH ±.5 DEG
BEND ±1 DEG
FRACTIONAL: ±.020
X% ±.015
X% ±.010
X% ±.005
X% ±.0001
FINISH 125RMS
DO NOT SCALE DRAWING

AMERICAN PINBALL

1448 Yorkshire Dr. Streamwood, IL 60107

MATERIAL:
AS PER BOM

DESCRIPTION:
AUTOLAUNCH COIL BRACKET
ASSEMBLY

FINISH:

SIZE DWG. NO.
B ASM0015-00

REV
A

DRAWN BY: RM

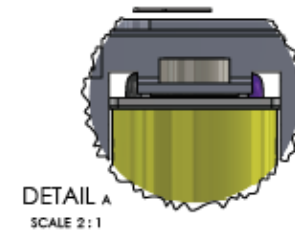
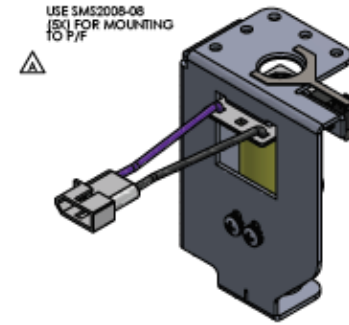
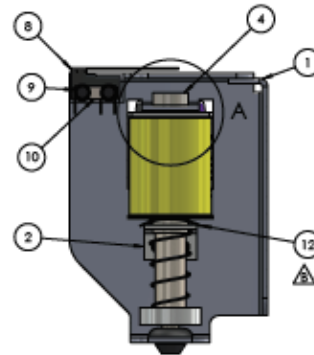
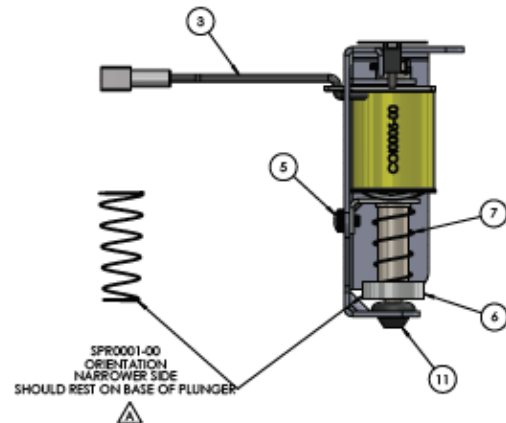
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VUK ASM0018-01B

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0088-00	VUK ASSEMBLY - LEFT SIDE MOUNT	1
2	MTL0082-00	8-32 TAPPED STANDARD COIL MOUNTING BRACKET	1
3	COI0005-00	26-1200 LUGLESS COIL	1
4	PLS0030-00	COIL SLEEVE 2" X 1/4" FLANGE	1
5	MAS1008-04	8-32 X 1/4" PPH MS 3EMS ZINC	2
6	PGR0004-00	VUK PLUNGER	1
7	SPR0001-00	VUK SPRING	1
8	SWI0015-00	VUK SWITCH	1
9	TF52102-08	2-56 X 1/2" HWH TFS 3/16" HEX HEAD - BLACK	2
10	MTL0048-01	SW PROTECTOR PLATE - NO TAP	1
11	RBR0011-00	RUBBER BUMPER PLUG	1
12	WAS4000-08A	1/2" ID COIL SPRING WASHER	1

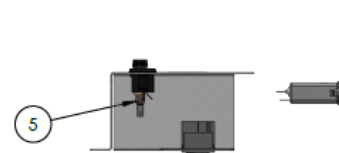
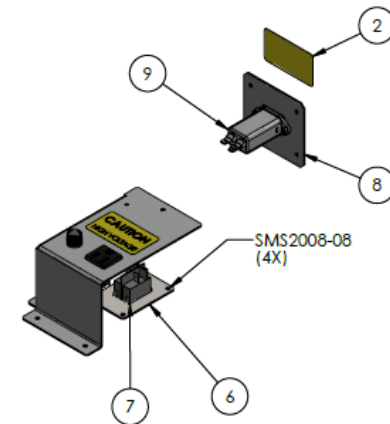
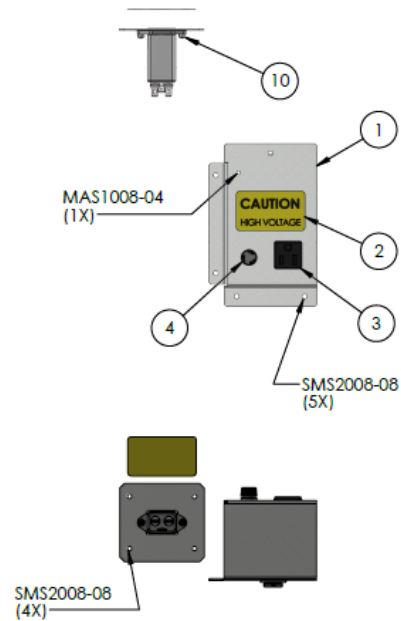
REV.	DESCRIPTION	DATE	APPROVED
A	REMOVED NO. 10 COIL COIL ADDED NO. 10 COIL COIL REMOVED COIL COIL COIL CHANGED SHEET FROM 8 TO 1	1/20/2019	
B	WAS4000-08A WAS4000-08A	3/25/2019	



	AMERICAN PINBALL 1800 Yorkville Dr. Secaucus, NJ 07094 (201) 329-1000 www.americanpinball.com	DESCRIPTION: VUK ASSEMBLY - LEFT SIDE MOUNT
	SIZE: C DWG. NO.: ASM0018-01 REV: B	SHEET 1 OF 1

Cabinet Power Box ASM0037-00

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0023-00B	CABINET POWER BOX	1
2	DCL0008-01C	CAUTION HIGH VOLTAGE	2
3	ELE0007-00	SERVICE OUTLET	1
4	ELE0008-00	LINE FUSE HOLDER	1
5	FUS0002-06	6 AMP SLO BLO 1/4" X 1/4" FUSE	1
6	MTL0026-00A	POWER SWITCH MOUNTING PLATE	1
7	SWI0014-00	ON/OFF ROCKER SWITCH	1
8	MTL0102-00	LINE FILTER MTG PLATE	1
9	ELE0006-00	LINE FILTER	1
10	NUT0004-00	4-40 NYLON LOCKNUT	2

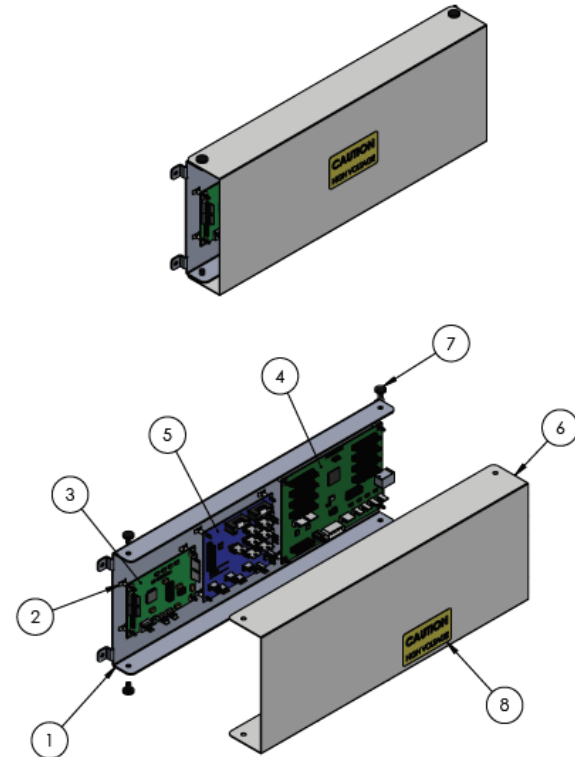
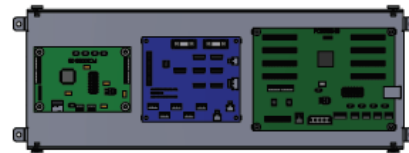
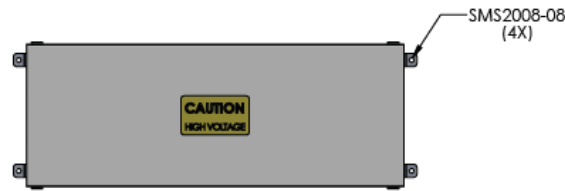


	AMERICAN PINBALL 1448 Yorkshire Dr. Streamwood, IL 60107	
	UNLESS OTHERWISE SPECIFIED: NO SHARP CORNERS AND EDGES. TOLERANCES (DIMENSIONS ARE IN INCHES) ANGULAR: MACH ± .5 DEG BEND ± 1 DEG FRACTIONAL: ± .005 DEC: ± .015 DEC: ± .010 DEC: ± .005 DEC: ± .0001 FINISH 125RA45 DEC: ± .001 SCALE: 1:1	MATERIAL: AS PER BOM FINISH: NONE
DESCRIPTION: CABINET POWER BOX ASSEMBLY		SIZE: B DWG. NO.: ASM0037-00 REV:
DRAWN BY: RM DRAWN DATE: 2/4/2019 SCALE: 1:4 SHEET 1 OF 1		

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Cabinet PCB ASM 0038-01

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0130-00	CABINET PCB MTG PLATE	1
2	PLS0023-00	LOCK IN BOARD STANDOFF .375 PCB BOARD MTG	12
3	PCB0003-00	SWITCH DRIVER PCB	1
4	PCB0002-00	P3 INTERFACE PCB	1
5	PCB0021-01	CABINET ADD ON BOARD - NEW	1
6	MSC0011-02	FISH PAPER COVER - NEW	1
7	PLS0073-00	BLACK NYLON REMOVABLE PUSH RIVET	4
8	DCL0008-01C	CAUTION HIGH VOLTAGE	1



UNLESS OTHERWISE SPECIFIED:
NO SHARP CORNERS AND EDGES.
TOLERANCES (DIM. ARE IN INCHES)
ANGULAR: MAX. CHS. 5 DEG
BEND ± 1 DEG
FRACTIONAL: $\pm .020$
X- $\pm .015$
X6- $\pm .010$
X20- $\pm .005$
X100- $\pm .001$
FINISH 125RMS
DO NOT SCALE DRAWING

AMERICAN PINBALL

1448 Yorkshire Dr. Streamwood, IL 60107

MATERIAL:
AS PER BOM

DESCRIPTION:
CABINET PCB ASSEMBLY

FINISH:
NONE

SIZE DWG. NO.
B ASM0038-01

REV

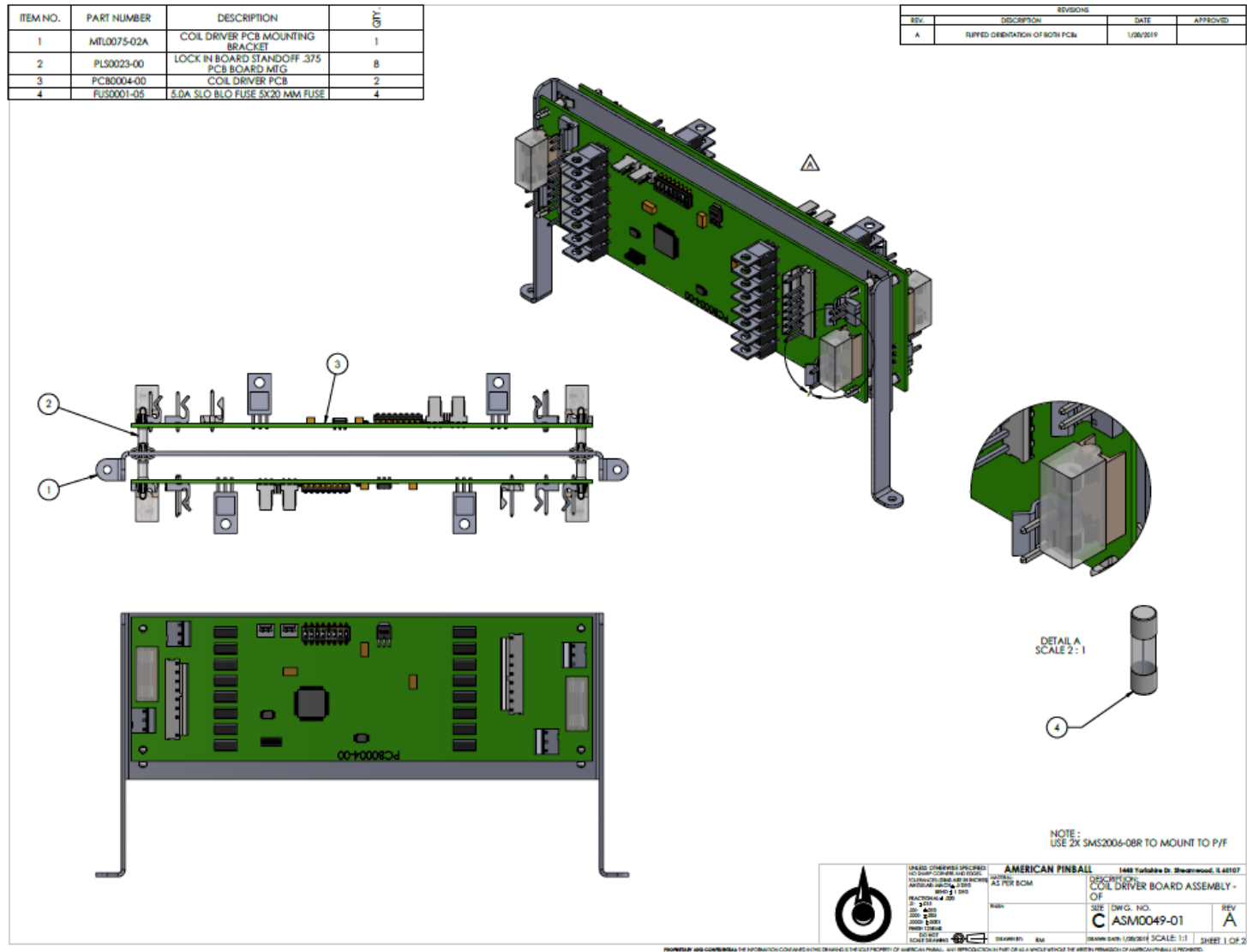
DRAWN BY: RM

DRAWN DATE: 2/1/2019 SCALE: 1:4

SHEET 1 OF 1

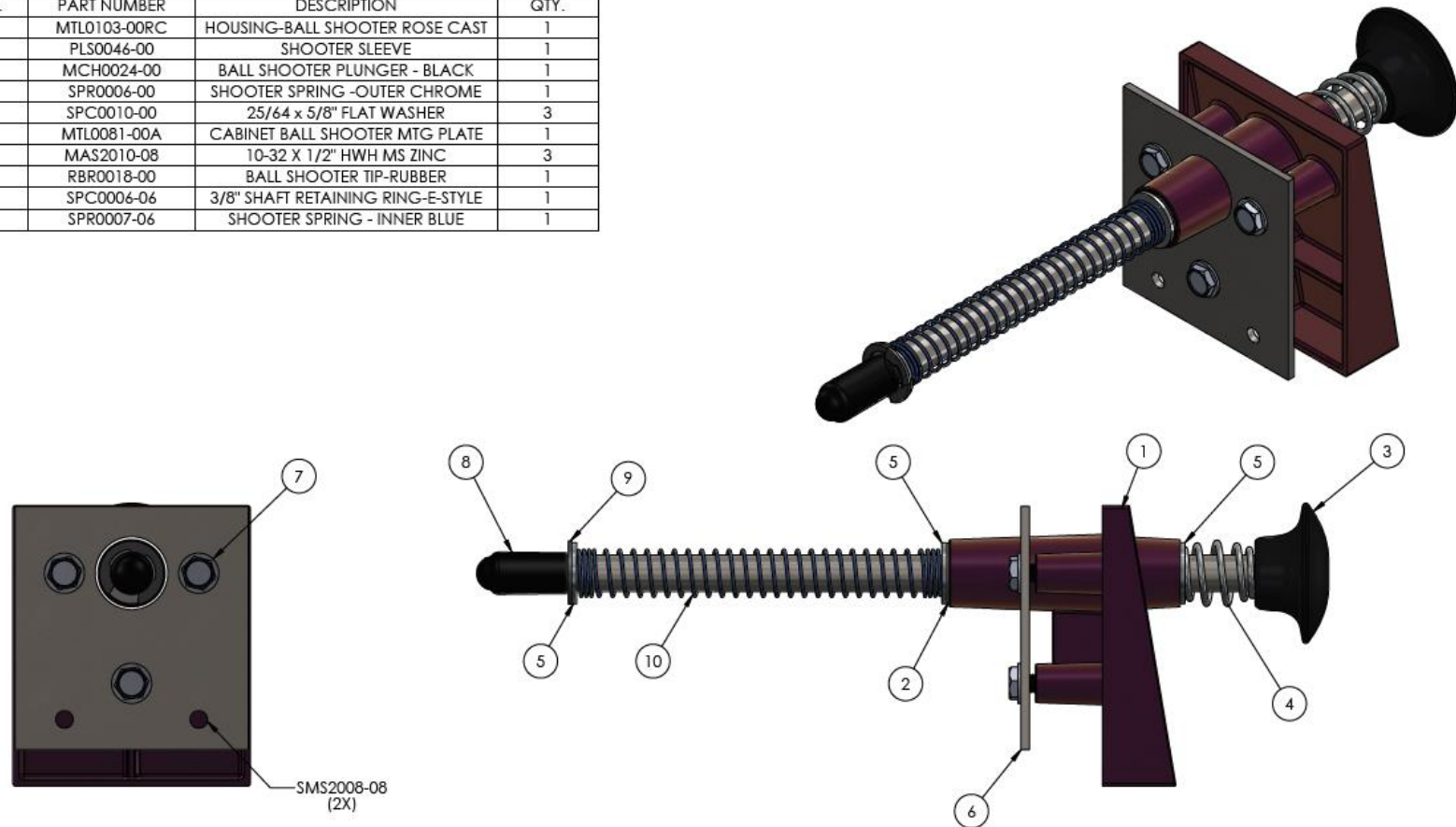
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Coil Driver ASM0049-01



Ball Shooter ASM0058-00RC

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0103-00RC	HOUSING-BALL SHOOTER ROSE CAST	1
2	PLS0046-00	SHOOTER SLEEVE	1
3	MCH0024-00	BALL SHOOTER PLUNGER - BLACK	1
4	SPR0006-00	SHOOTER SPRING -OUTER CHROME	1
5	SPC0010-00	25/64 x 5/8" FLAT WASHER	3
6	MTL0081-00A	CABINET BALL SHOOTER MTG PLATE	1
7	MAS2010-08	10-32 X 1/2" HWH MS ZINC	3
8	RBR0018-00	BALL SHOOTER TIP-RUBBER	1
9	SPC0006-06	3/8" SHAFT RETAINING RING-E-STYLE	1
10	SPR0007-06	SHOOTER SPRING - INNER BLUE	1

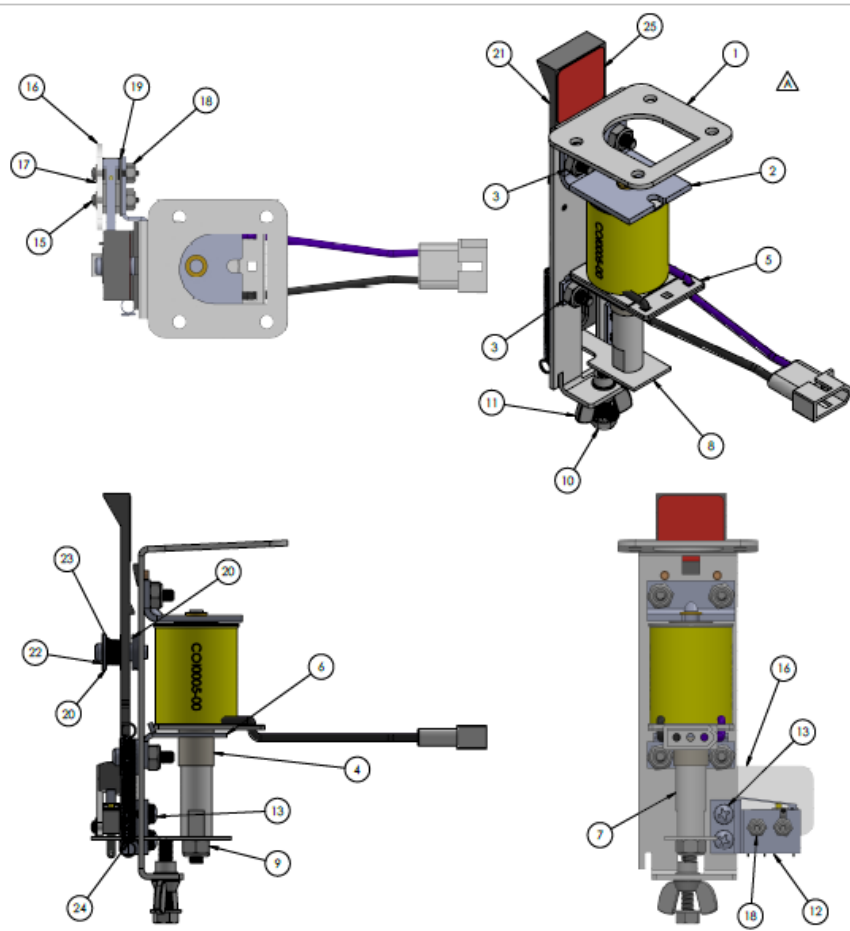


	AMERICAN PINBALL 1448 Yorkshire Dr. Streamwood, IL 60107	
	UNLESS OTHERWISE SPECIFIED: NO SHARP CORNERS AND EDGES. TOLERANCES/DIMENSIONS ARE IN INCHES ANGULAR: MAX CHS. 5 DEG BEND ± 1 DEG FRACTIONAL: ± .020 .50 ± .015 .750 ± .010 1.000 ± .005 1.500 ± .001 FINISH 125RMS DO NOT SCALE DRAWING	MATERIAL: AS PER BOM FINISH: DRAWN BY: RM DRAWN DATE: 2/25/2019 SCALE: 1:1
	DESCRIPTION: BALL SHOOTER ASSEMBLY - OKTOBERFEST - ROSE CAST P1111B	SIZE B DWG. NO. ASM0058-00RC REV

PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

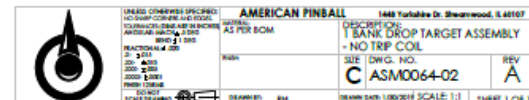
Drop Target ASM 0064-02A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	SUB0009-00	BACKET & POST ASSEMBLY	1
2	SUB0010-00	COIL STOP	1
3	NU0008-00	8-32 NYLON LOCKNUT - LOW PROFILE	4
4	PL50059-00	COIL SLEEVE 2-1/16" X 1/2" NO FLANGE	1
5	CO0005-00	26-1200 LUGLESS COIL	1
6	MTL0072-00	COIL CENTERING BRACKET	1
7	PGR0010-10	DROP TARGET PLUNGER	1
8	MTL0115-00	RESET PLATE, SINGLE TARGET	1
9	NU70010-00	10-32 NYLON LOCKNUT	1
10	MAS2010-16	10-32 X 1" HWW MS ZINC	1
11	NU73010-00	10-32 WINGNUT	1
12	MTL0116-00	SWITCH BRACKET	1
13	MAS1006-03	6-32 X 3/16" PPH MS SEM5 ZINC	2
14	SW0020-00	MICRO SWITCH 2" BLADE	1
15	MAS0002-10	2-56 X 5/8" PPH MS ZINC	2
16	PL50060-00	1 BANK D/T GUIDE ACTUATOR PLASTIC	1
17	WA50002-00	#2-56 FLAT WASHER	2
18	NU70002-00	2-56 NYLON LOCKNUT	2
19	MSC0003-00	SWITCH INSULATOR FISH PAPER	1
20	SPC0016-00	.254 X .500 FLAT WASHER	4
21	PL50058-00	TARGET - FLUSH	1
22	SPC0003-04	1/4" E-RINGS	2
23	SPR0009-00	1 BANK COMPRESSION SPRING	1
24	SPR0010-00	DROP TARGET EXTENSION SPRING	1
25	DCL0008-25C	D/T DECAL	1



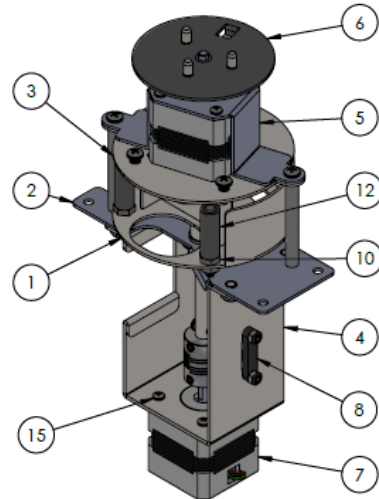
NOTE :
USE 4X SMS2008-08 TO MOUNT TO P/F

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ASSEMBLY REDRAWN TO SHOW ALL THE PARTS	1/30/2019	

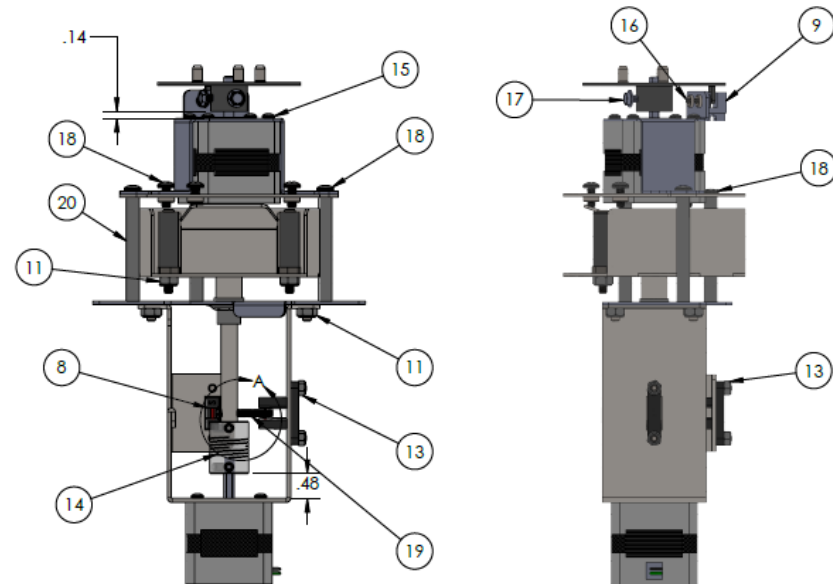
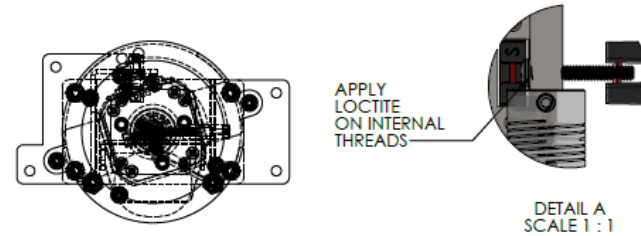


Bartender ASM0065-00

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	MTL0146-00E	1	BAR DOOR
2	MTL0147-00B	1	BAR MECH PLAYFIELD MOUNT
3	MTL0148-00C	1	BARTENDER PLATE
4	MTL0149-00D	1	BAR MOTOR MOUNT
5	MTL0150-00A	1	BARTENDER MOTOR HAT BRACKET
6	MTL0153-00B	1	BARTENDER FIGURE PLATE
7	MTR0005-00	2	NEMA 17 BIPOLAR 45NCM (64 OZ.IN) STEPPER MOTOR
8	SWI0008-00	2	OPTEK U SHAPED OPTO OPB816Z
9	SWI0024-00	1	OPTEK U SHAPED OPTO OPB832W55Z
10	PST0005-00	2	3/8" PLAIN HEX SLEEVE POST 8-32 X 5/16" THREAD
11	NUT0008-00	6	8-32 NYLON LOCKNUT - LOW PROFILE
12	RBR0005-00	2	POST SLEEVE RUBBER - BLACK
13	NUT0004-00	4	4-40 NYLON LOCKNUT
14	MCH0038-00	1	5MM X 5 MM COUPLER
15	MAS30MM-6M	8	M3.0MM X 6MM PPH MS ZINC
16	MAS0004-04	2	4-40 X 1/4" PPH MS ZINC
17	MAS2008-06	2	8-32 X 3/8" HWH MS ZINC
18	MAS0008-06	6	8-32 X 3/8" PPH MS ZINC
19	MAS0006-16	1	6-32 X 1" PPH MS ZINC
20	RND0408-32	3	8/32 X 2 IN. ROUND THREADED STANDOFF



NOTE : APPLY LOCTITE ON ALL SCREWS EXCEPT MOTOR SCREWS BEFORE FASTENING



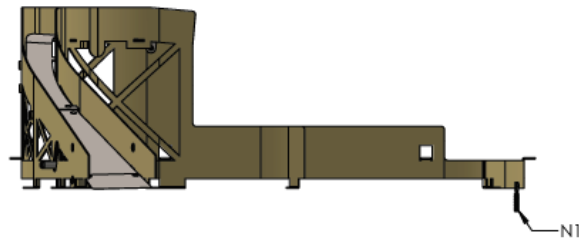
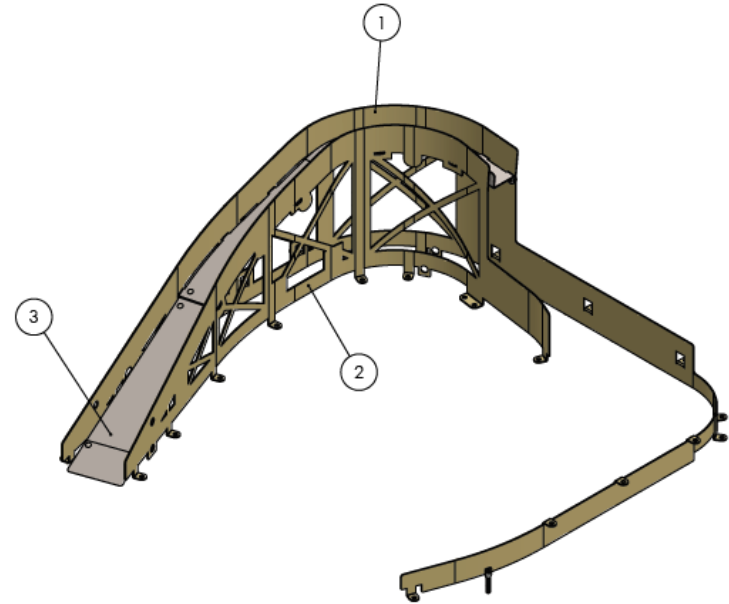
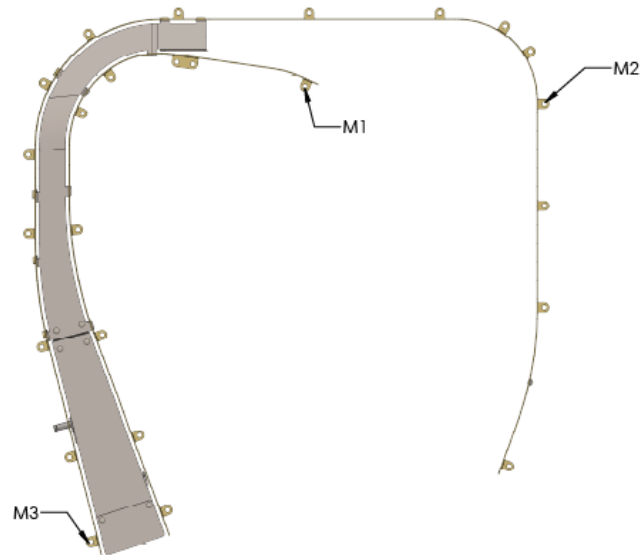
	UNLESS OTHERWISE SPECIFIED: NO SHARP CORNERS AND EDGES. TOLERANCES ARE IN INCHES ANGULAR: MAX ± .5 DEG BEND ± 1 DEG FRACTIONAL: ± .020 DEC: ± .015 DEC: ± .010 DEC: ± .005 DEC: ± .0001 FINISH 125RMS DIMS SCALE DRAWING		AMERICAN PINBALL 1448 Yorkshire Dr. Streamwood, IL 60107 MATERIAL: DESCRIPTION: BARTENDER MECH	
	SIZE B		DWG. NO. ASM0065-00	
	DRAWN BY: RM		DRAWN DATE: 3/15/2019 SCALE: 1:2	
	SHEET 1 OF 1		REV	

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Ramp ASM0074-00A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SUB0020-00B	UP RAMP OUTER FLAT RAIL ASSEMBLY	1
2	FLR0012-00	MAIN LOOP INNER FLAT RAIL	1
3	ASM0081-00A	UP RAMP FLOOR ASSEMBLY	1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ASSEMBLY REDRAWN UP RAMP COIL ASSEMBLY REMOVED MOUNTING NOTES ADDED ADDED REVISED FLOOR ASSEMBLY	1/29/2019	



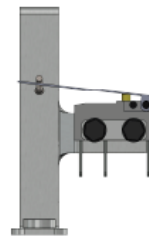
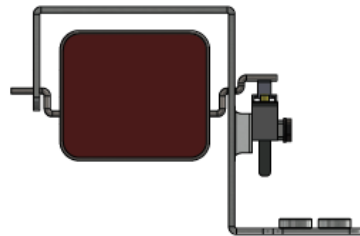
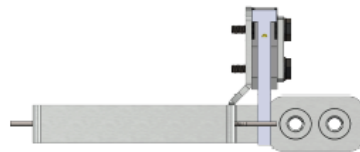
- NOTE (MOUNTING) :
1. LOCATION M1 (P/F) : 9X SMS2008-08
 2. LOCATION M2 (WOODRAILS) : 8X SMS7006-08
 3. LOCATION M3 (P/F) : 8X SMS2008-08
 4. LOCATION N1 (P/F) : NUT0008-00

	AMERICAN PINBALL 1448 Yorkshire Dr. Streamwood, IL 60107	
	UNLESS OTHERWISE SPECIFIED: NO SHARP CORNERS AND EDGES. TOLERANCES (DIMENSIONS ARE IN INCHES) ANGULAR: MAX/CHS: 5 DEG BEND ± 1 DEG FRACTIONAL: ± .020 .1X: ± .015 .3X: ± .010 .5X: ± .005 .75X: ± .005 1.0X: ± .005 FINISH 125RMS	MATERIAL: AS PER BOM FINISH: NONE
DO NOT SCALE DRAWING	DESCRIPTION: OF UP RAMP ASSEMBLY	SIZE DWG. NO. REV B ASM0074-00 A
DRAWN BY: RM	DRAWN DATE: 1/29/2019	SCALE: 1:4 SHEET 1 OF 1

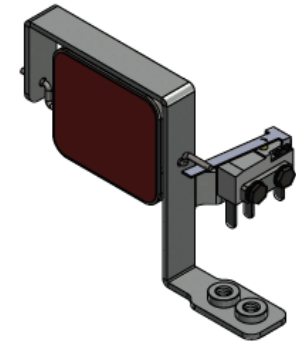
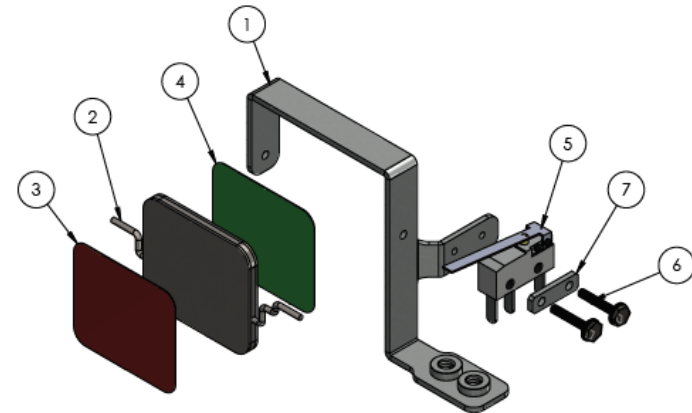
PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

Spinner ASM0076-00

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0129-00	SPINNER BRACKET (MODIFIED OF)	1
2	SUB0003-01	SPINNER TARGET ASSY (NON-MAGNETIC)	1
3	DCL0008-30C	SPINNER FRONT DECAL	1
4	DCL0008-31C	SPINNER BACK DECAL	1
5	SWI0005-00	SPINNER SWITCH	1
6	MAS2002-08	2-56 X 1/2" HWH MS BLACK	2
7	MTL0068-01	SW PROTECTOR PLATE - NO TAP	1
8	WCA0060-00A	OF SPINNER CABLE	1



WCA0060-00A TO BE SOLDERED TO THE SWITCH



- NOTES :
- 1) USE MAS2008-12 (X2) FOR MOUNTING
 - 2) COLORS USED IN THIS ASSEMBLY DRAWING ARE FOR ILLUSTRATION PURPOSE ONLY.



UNLESS OTHERWISE SPECIFIED:
NO SHARP CORNERS AND EDGES.
TOLERANCES/DIMS ARE IN INCHES
ANGULAR: MAX±.5 DEG
BEND ±1 DEG
FRACTIONALS ±.020
X. ±.015
X. ±.010
X. ±.005
X. ±.0001
FINISH 125RMS
DO NOT SCALE DRAWING

AMERICAN PINBALL

1448 Yorkshire Dr. Streamwood, IL 60107

MATERIAL:
AS PER BOM

DESCRIPTION:
OF MODIFIED SPINNER ASSEMBLY

FINISH:

SIZE DWG. NO.
B ASM0076-00

REV

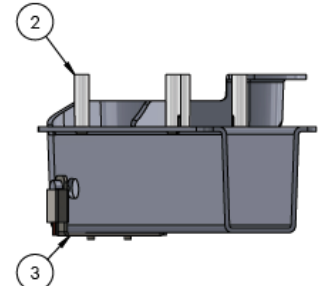
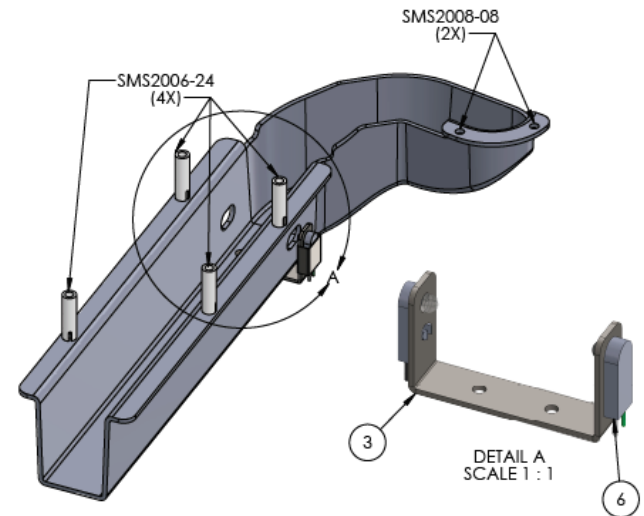
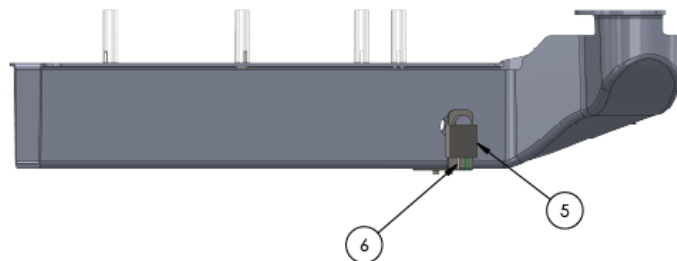
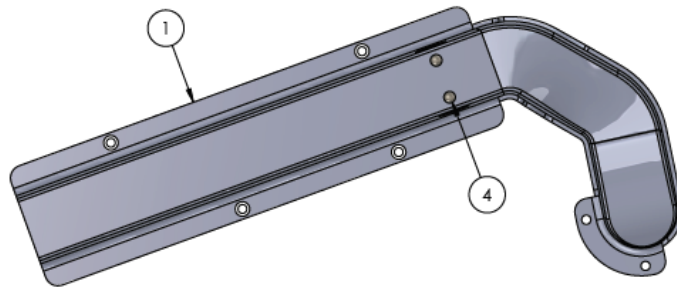
DRAWN BY: RM

DRAWN DATE: 2/1/2019 SCALE: 1:1 SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

Subway ASM0077-00

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PLS0070-00	OF UNDERTROUGH	1
2	PLS0020-00	NYLON PCB SUPPORTS #8 HRS8-16	4
3	MTL0033-00	RAMP OPTO BRACKET	1
4	SPC0005-02	1/8" X 7/32" LONG X 7/32" HEAD NICKEL RIVET	2
5	MTL0097-00	OPTO RETAINER	2
6	WCA0016-00A	OPTEK OPTO CABLE ASSEMBLY	1



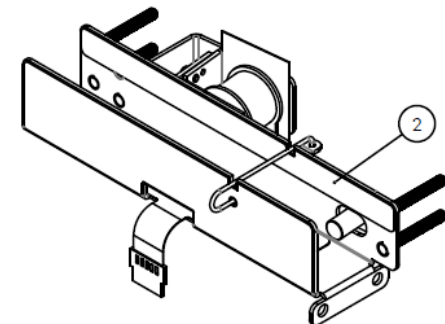
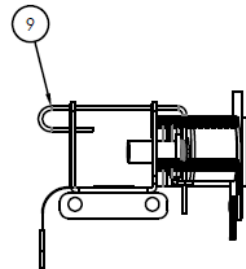
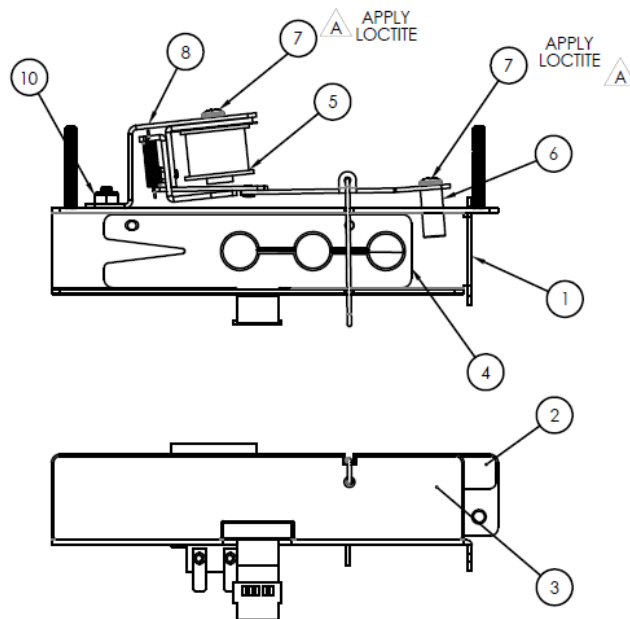
	AMERICAN PINBALL 1448 Yorkshire Dr. Streamwood, IL 60107	
	UNLESS OTHERWISE SPECIFIED: NO SHARP CORNERS AND EDGES. TOLERANCES/STRAIGHTENING ARE IN INCHES ANGULAR: MAX ±.5 DEG BEND ±1 DEG FRACTIONAL: ±.002 .06 ±.015 .06 ±.010 .006 ±.005 .0006 ±.0001 FINISH 125RA5 DO NOT SCALE DRAWING	MATERIAL: AS PER BOM FINISH: SIZE DWG. NO. REV B ASM0077-00 DRAWN BY: RM DRAWN DATE: 2/5/2019 SCALE: 1:2 SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

Coaster Lock ASM0078-00A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0140-00	LOCK MECH TROUGH - COASTER	1
2	DCL0008-44C	COASTER LOCK BACK WALL DECAL	1
3	DCL0008-45C	CORKSCREW SHACK DECAL	1
4	SW0022-00A	3 - POSITION MEMBRANE SWITCH	1
5	SUB0016-00A	BALL LOCK COIL ASSEMBLY	1
6	MCH0037-00	LOCK MECH STOP PIN	1
7	MAS0008-06	8-32 X 3/8" PPH MS ZINC	2
8	MTL0136-00A	LOCK MECH COIL BRACKET	1
9	WRF0014-00	BALL LOCK WIRE FORM	1
10	NUT0008-00	8-32 NYLON LOCKNUT - LOW PROFILE	2

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	REMOVED TO:0015-00 ADDED DECALS CHANGED SPRING COLOR TO RED ADDED NOTE ON LOCTITE REMOVED EXPLODED VIEW	1/29/2019	



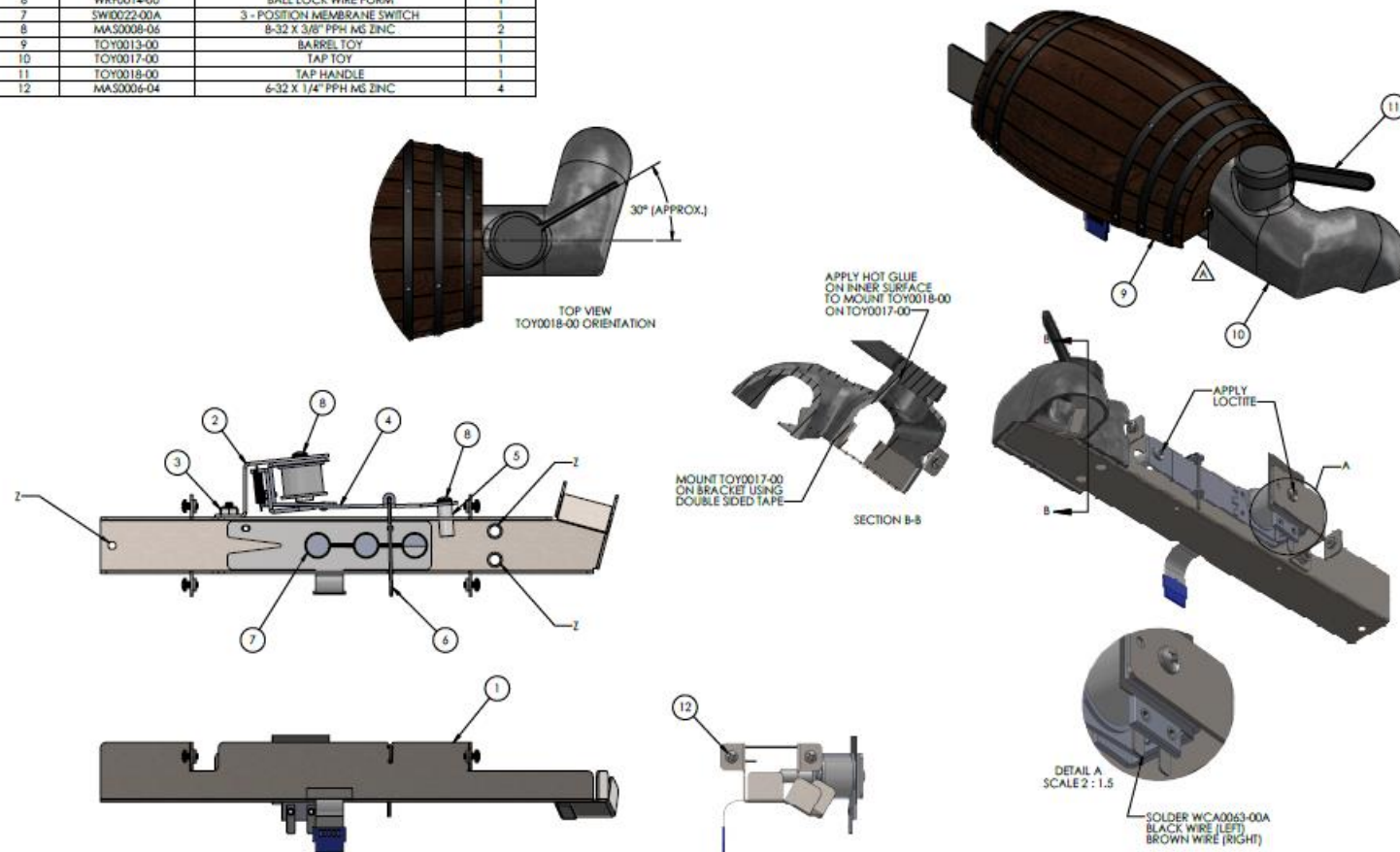
	AMERICAN PINBALL 1448 Yorkshire Dr. Streamwood, IL 60107	
	MATERIAL: AS PER BOM FINISH: NONE UNLESS OTHERWISE SPECIFIED: NO SHARP CORNERS AND EDGES. TOLERANCES (DIMG ARE IN INCHES) ANGULAR: MATCH ± .5 DEG HOLE: ± .015 FRACTIONAL: ± .003 DECIMAL: ± .010 .XXX: ± .005 .XXXX: ± .0001 FINISH 125RMS	DESCRIPTION: LOCK MECH TROUGH - COASTER ASSEMBLY SIZE: B DWG. NO.: ASM0078-00A REV: A DRAWN BY: RM DRAWN DATE: 1/29/2019 SCALE: 1:1.5 SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

Beer Barrel Lock ASM0079-00A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0140-01C	LOCK MECH TROUGH BRACKET - BARREL	1
2	MTL0136-00A	LOCK MECH COIL BRACKET	1
3	NUT0008-00	B-32 NYLON LOCKNUT - LOW PROFILE	2
4	SUB0016-00A	BALL LOCK COIL ASSEMBLY	1
5	MC40037-00	LOCK MECH STOP PIN	1
6	WRF0014-00	BALL LOCK WIRE FORM	1
7	SW0022-00A	3 - POSITION MEMBRANE SWITCH	1
8	MA50008-06	B-32 X 3/8" PPH NG ZINC	2
9	TOY0013-00	BARREL TOY	1
10	TOY0017-00	TAP TOY	1
11	TOY0018-00	TAP HANDLE	1
12	MA50006-04	6-32 X 1/4" PPH NG ZINC	4

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ADDED TOE TO THE ASSEMBLY ADDED NOTES FOR MOUNTING ADDED NOTE FOR BANG LOCITE	1/28/2019	



- NOTES :
- USE 3X MA50008-06U ON MOUNTING LOCATION "T"
 - MOUNT TOY0017-00 AND TOY0018-00 AFTER MOUNTING THE ASSEMBLY ON THE PLAYFIELD.

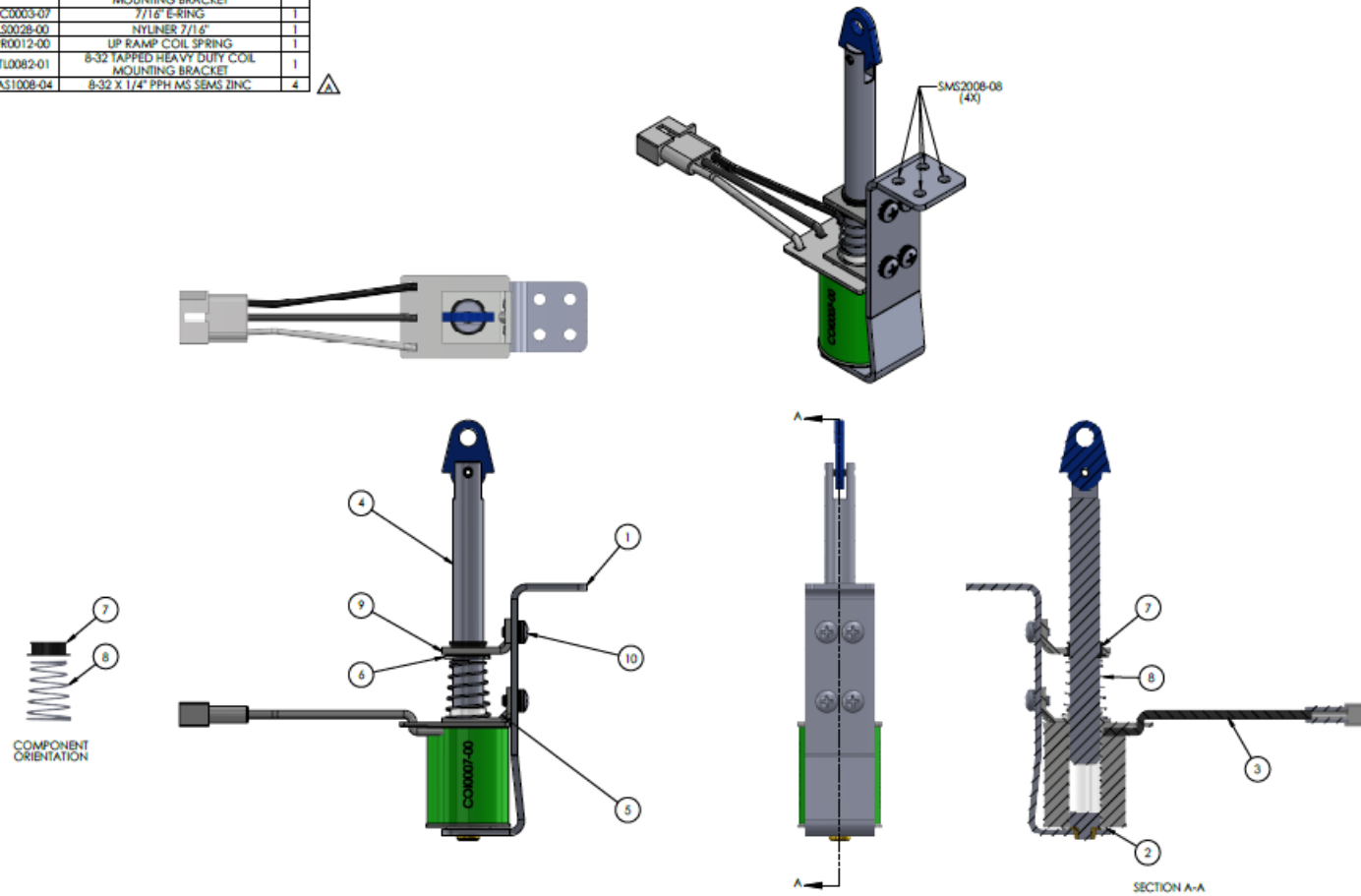
	(UNLESS OTHERWISE SPECIFIED) ALL DIMENSIONS ARE IN INCHES FRACTIONS ARE 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 1 7/8, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 3 3/4, 4, 4 1/4, 4 1/2, 4 3/4, 5, 5 1/4, 5 1/2, 5 3/4, 6, 6 1/4, 6 1/2, 6 3/4, 7, 7 1/4, 7 1/2, 7 3/4, 8, 8 1/4, 8 1/2, 8 3/4, 9, 9 1/4, 9 1/2, 9 3/4, 10, 10 1/4, 10 1/2, 10 3/4, 11, 11 1/4, 11 1/2, 11 3/4, 12, 12 1/4, 12 1/2, 12 3/4, 13, 13 1/4, 13 1/2, 13 3/4, 14, 14 1/4, 14 1/2, 14 3/4, 15, 15 1/4, 15 1/2, 15 3/4, 16, 16 1/4, 16 1/2, 16 3/4, 17, 17 1/4, 17 1/2, 17 3/4, 18, 18 1/4, 18 1/2, 18 3/4, 19, 19 1/4, 19 1/2, 19 3/4, 20, 20 1/4, 20 1/2, 20 3/4, 21, 21 1/4, 21 1/2, 21 3/4, 22, 22 1/4, 22 1/2, 22 3/4, 23, 23 1/4, 23 1/2, 23 3/4, 24, 24 1/4, 24 1/2, 24 3/4, 25, 25 1/4, 25 1/2, 25 3/4, 26, 26 1/4, 26 1/2, 26 3/4, 27, 27 1/4, 27 1/2, 27 3/4, 28, 28 1/4, 28 1/2, 28 3/4, 29, 29 1/4, 29 1/2, 29 3/4, 30, 30 1/4, 30 1/2, 30 3/4, 31, 31 1/4, 31 1/2, 31 3/4, 32, 32 1/4, 32 1/2, 32 3/4, 33, 33 1/4, 33 1/2, 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Up Ramp Coil ASM0080-00A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SUB0021-00B	UP RAMP COIL MFG BRACKET	1
2	PLS0035-00	COIL SLEEVE 1-3/4" X 1/2" NO FLANGE	1
3	CO0007-00	26-600/33-3500 LUGLESS UP/DOWN COIL	1
4	SUB0022-00A	UP RAMP FLUNGER AND LINK ASSEMBLY	1
5	MTL0082-00	8-32 TAPPED STANDARD COIL MOUNTING BRACKET	1
6	SFC0003-07	7/16" E-RING	1
7	PLS0028-00	NYLINER 7/16"	1
8	SPR0012-00	UP RAMP COIL SPRING	1
9	MTL0082-01	8-32 TAPPED HEAVY DUTY COIL MOUNTING BRACKET	1
10	MA51008-04	8-32 X 1/4" PPH MS SEMS ZINC	4



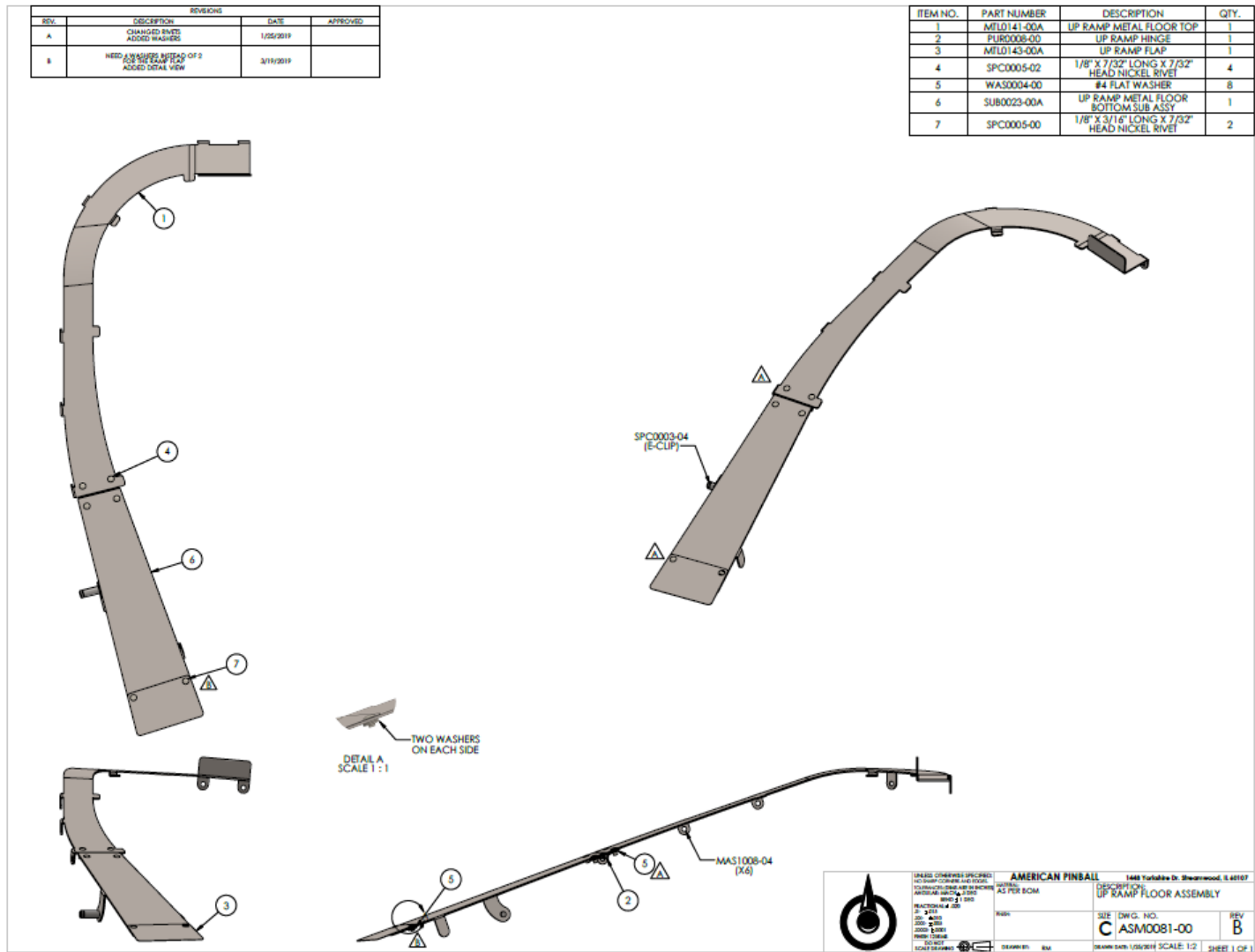
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	CHANGED MA52008-04 TO MA51008-04	1/25/2019	



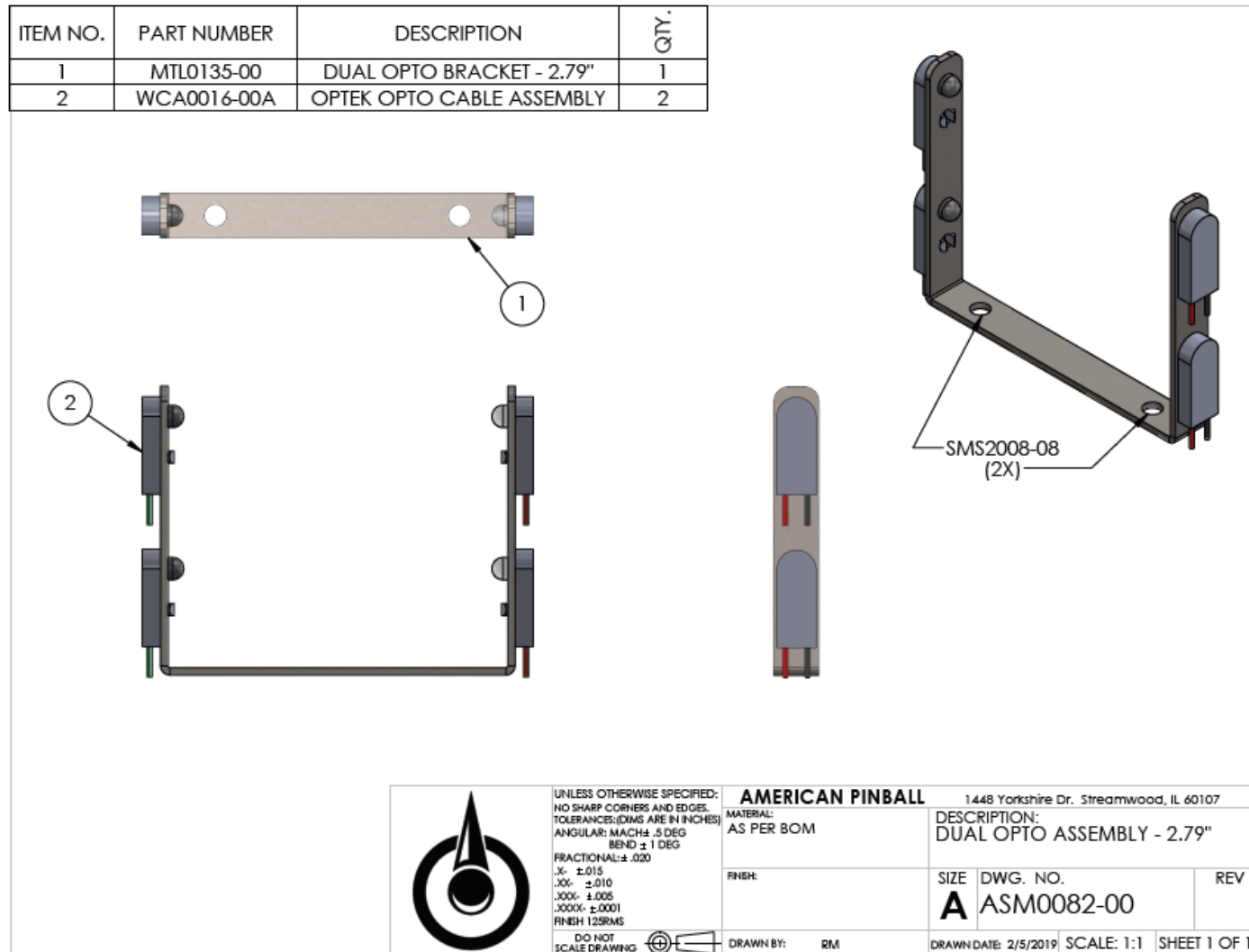
		AMERICAN PINBALL 1448 Yorkville Dr. Sheboygan, WI 53081	
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES DECIMALS AND FRACTIONS ARE TO BE SHOWN FRACTIONS ARE TO BE SHOWN AS PER BOM		DESCRIPTION: UP RAMP COIL ASSEMBLY	
DRAWN BY: JMS CHECKED BY: JMS DATE: 1/25/2019 SCALE: 1:1		SIZE: DWG. NO. C ASM0080-00 SHEET 1 OF 1	

PROPERTY AND CONFIDENTIALITY INFORMATION CONTAINED HEREIN IS THE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION OR USE OF THIS INFORMATION WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

Ramp Floor ASM0081-00B

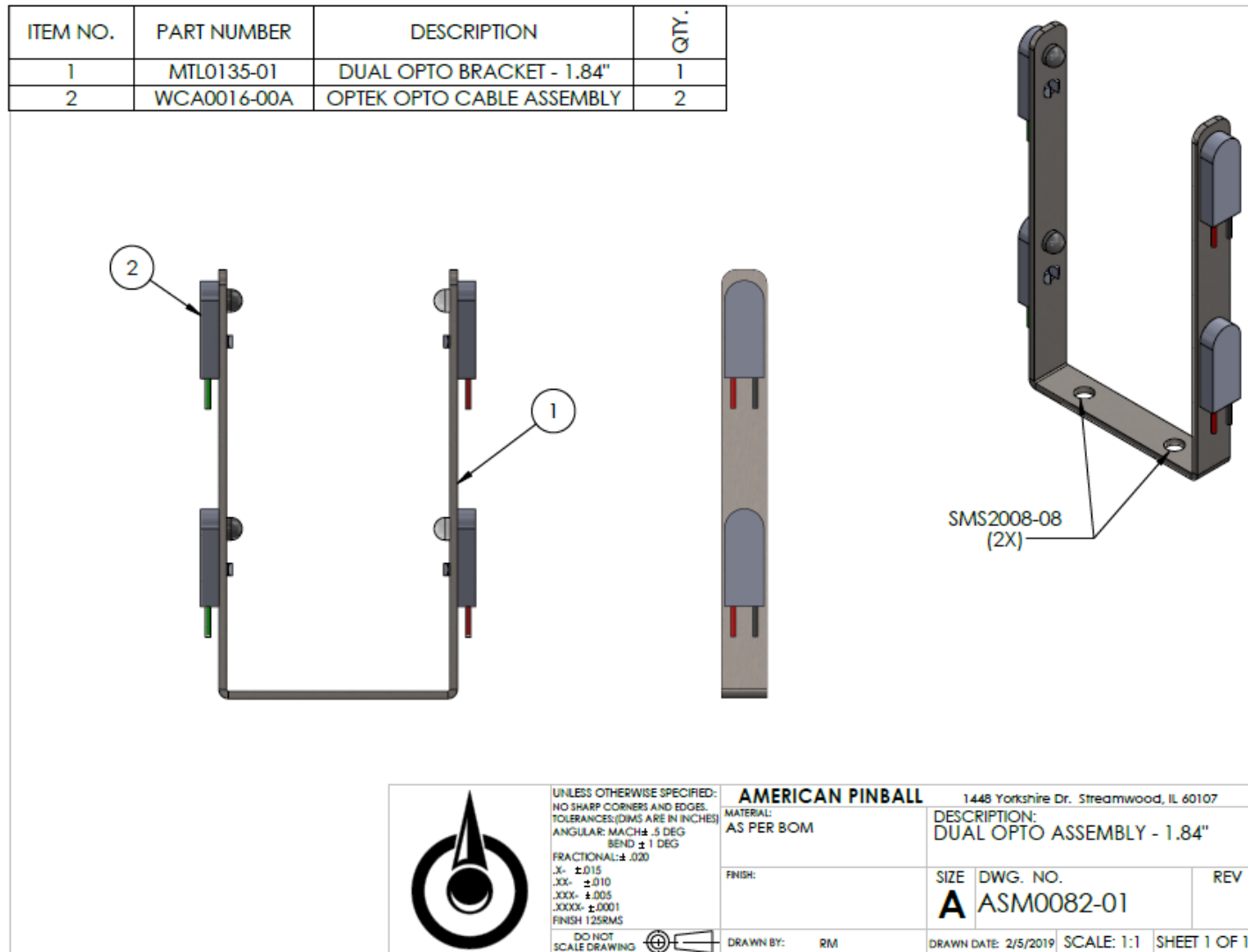


Dual Opto ASM0082-00



PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

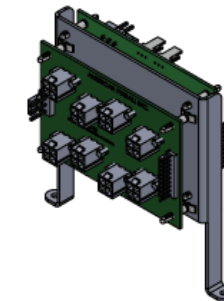
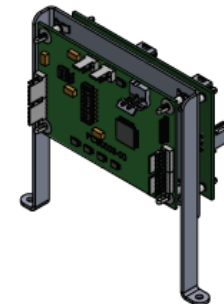
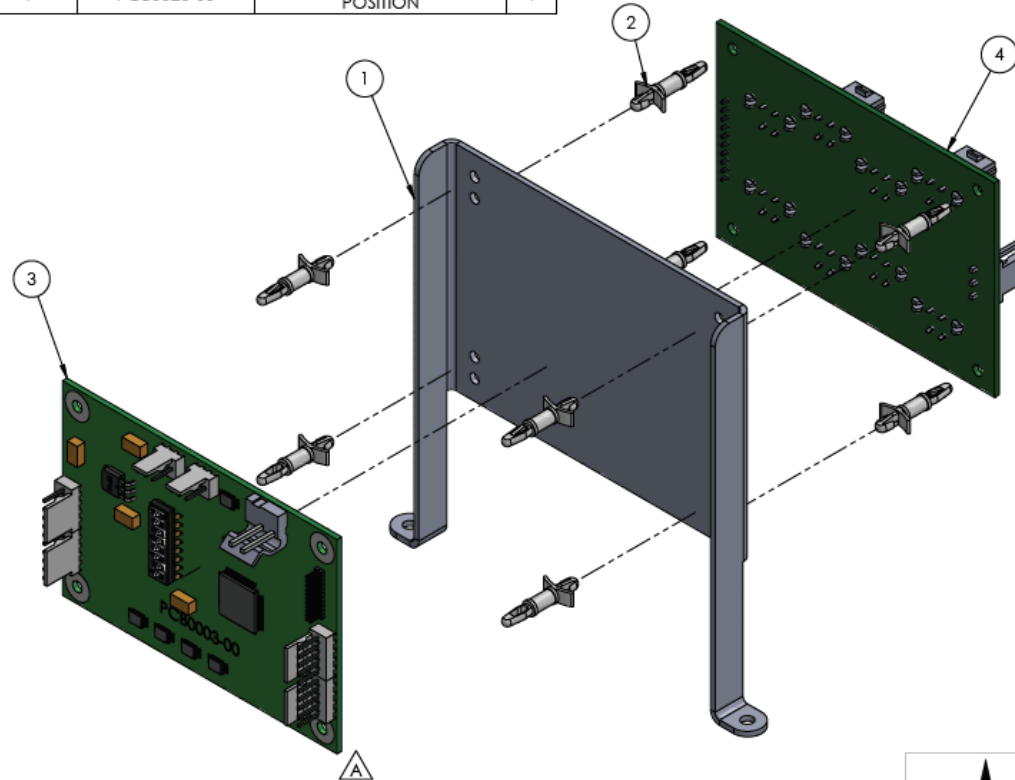
Dual Opto Narrow ASM0082-01



Switch / Opto Board ASM0092-00A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0075-00A	SWITCH DRIVER PCB MOUNTING BRACKET	1
2	PLS0023-00	LOCK IN BOARD STANDOFF .375 PCB BOARD MTG	8
3	PCB0003-00	SWITCH DRIVER PCB	1
4	PCB0026-00	OPTO INTERFACE BOARD - 8 POSITION	1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	FLIPPED ORIENTATION OF PCB0003-00 CHANGED SHEET SIZE FROM A TO B	1/25/2019	



NOTE :
USE SMS2006-08R (X2)
FOR MOUNTING TO P/F



UNLESS OTHERWISE SPECIFIED:
NO SHARP CORNERS AND EDGES.
TOLERANCES (DIM'S ARE IN INCHES)
ANGULAR: MAX CHA .5 DEG
BEND ±1 DEG
FRACTIONAL: ±.020
X: ±.015
XX: ±.010
XXX: ±.005
XXXX: ±.0001
FINISH 158RMS

DO NOT
SCALE DRAWING

AMERICAN PINBALL

1448 Yorkshire Dr. Streamwood, IL 60107

MATERIAL:
AS PER BOM

FINISH:

DRAWN BY: RM

DESCRIPTION:
SWITCH/8 POSITION OPTO
BOARD ASSEMBLY

SIZE DWG. NO.
B ASM0092-00A

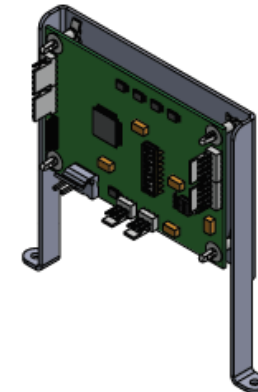
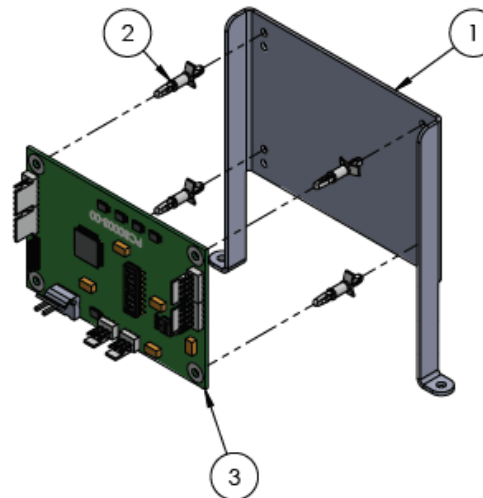
REV
A

DRAWN DATE: 1/25/2019 SCALE: 1:2 SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

Single Switch Board ASM0095-00

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0075-00A	SWITCH DRIVER PCB MOUNTING BRACKET	1
2	PLS0023-00	LOCK IN BOARD STANDOFF .375 PCB BOARD MTG	4
3	PCB0003-00	SWITCH DRIVER PCB	1



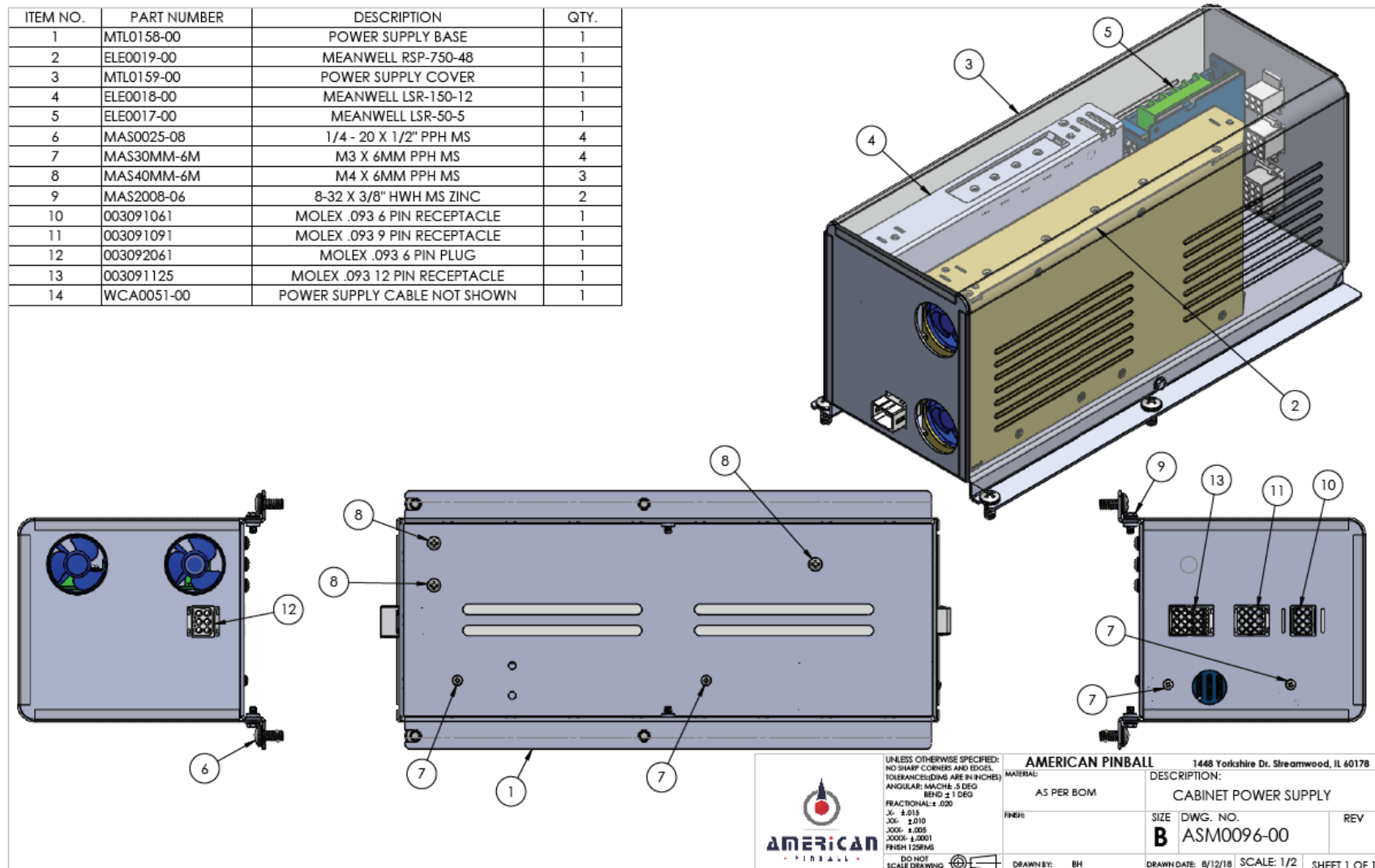
NOTES :
USE SMS2006-08R (X2) FOR MOUNTING

	UNLESS OTHERWISE SPECIFIED: NO SHARP CORNERS AND EDGES. TOLERANCES:(DIM. ARE IN INCHES) ANGULAR: MACH ± .5 DEG BEND ± 1 DEG FRACTIONAL: ± .020 .X- ±.015 .XX- ±.010 .XXX- ±.005 .XXXX- ±.0001 FINISH 125RMS DO NOT SCALE DRAWING 	AMERICAN PINBALL 1448 Yorkshire Dr. Streamwood, IL 60107	
		MATERIAL: AS PER BOM FINISH:	DESCRIPTION: SINGLE SWITCH BOARD ASSEMBLY SIZE DWG. NO. A ASM0095-00 REV

PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

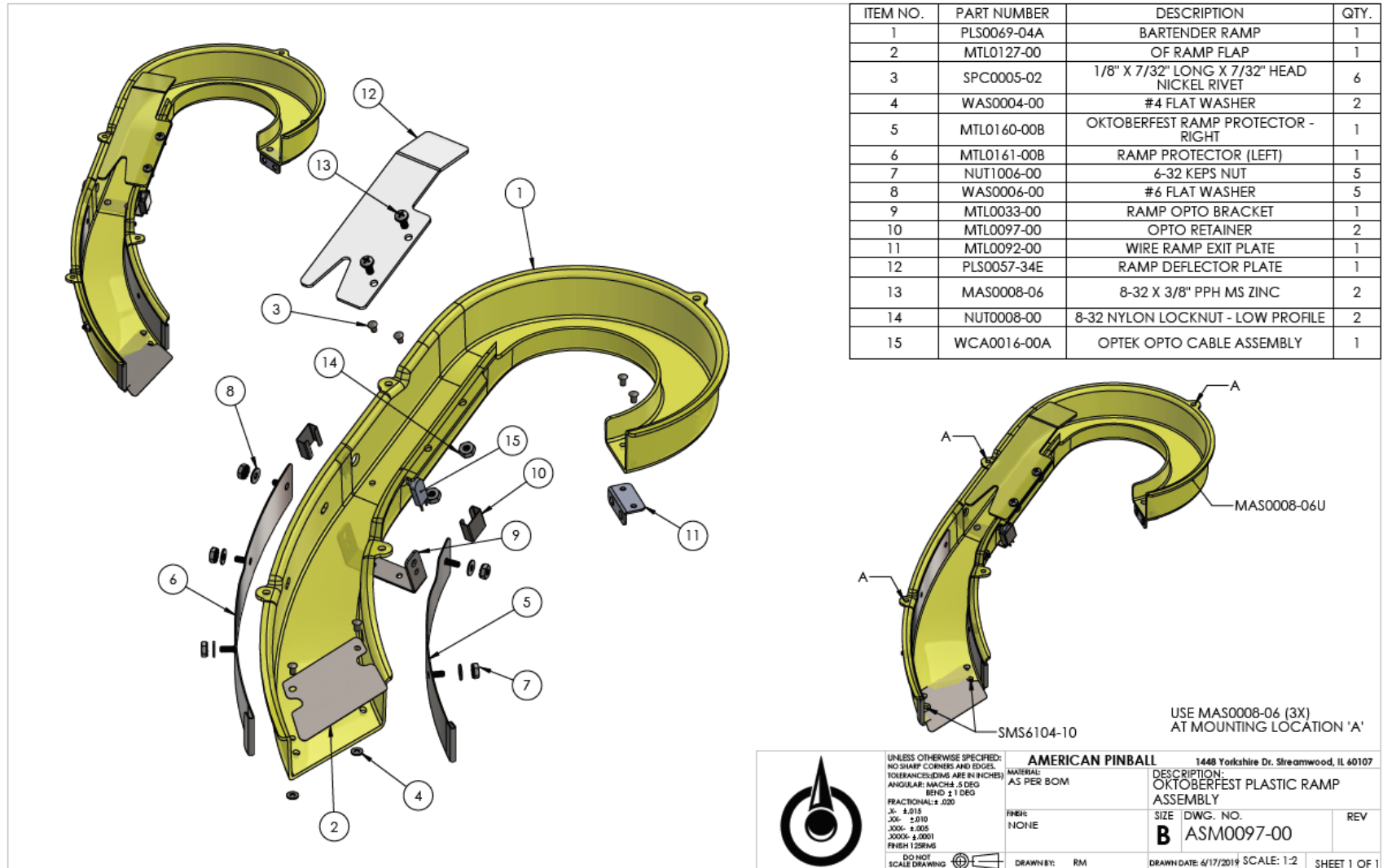
Power Supply ASM0096-00

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0158-00	POWER SUPPLY BASE	1
2	ELE0019-00	MEANWELL RSP-750-48	1
3	MTL0159-00	POWER SUPPLY COVER	1
4	ELE0018-00	MEANWELL LSR-150-12	1
5	ELE0017-00	MEANWELL LSR-50-5	1
6	MAS0025-08	1/4 - 20 X 1/2" PPH MS	4
7	MAS30MM-6M	M3 X 6MM PPH MS	4
8	MAS40MM-6M	M4 X 6MM PPH MS	3
9	MAS2008-06	8-32 X 3/8" HWH MS ZINC	2
10	003091061	MOLEX .093 6 PIN RECEPTACLE	1
11	003091091	MOLEX .093 9 PIN RECEPTACLE	1
12	003092061	MOLEX .093 6 PIN PLUG	1
13	003091125	MOLEX .093 12 PIN RECEPTACLE	1
14	WCA0051-00	POWER SUPPLY CABLE NOT SHOWN	1

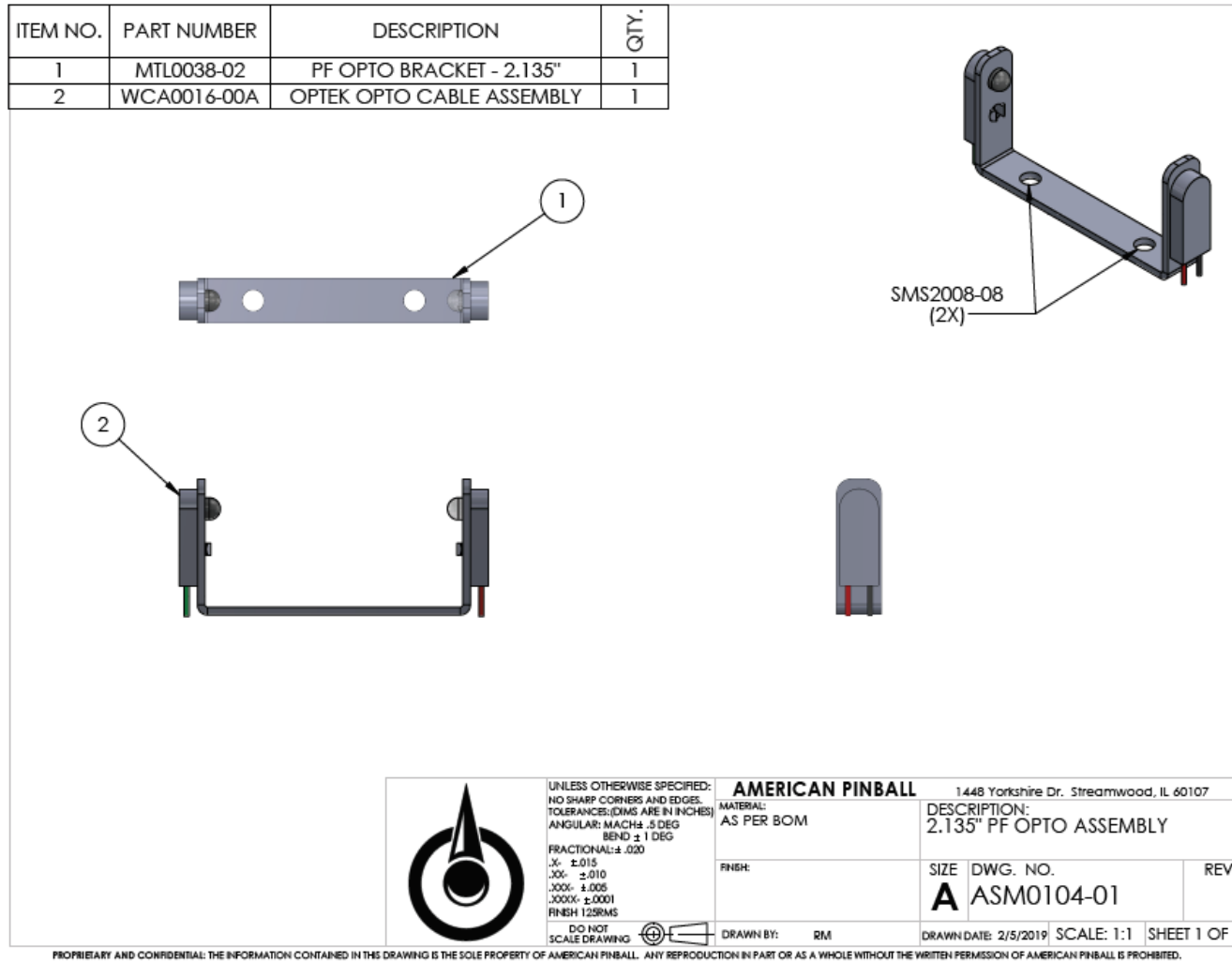


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Plastic Ramp ASM0097-00



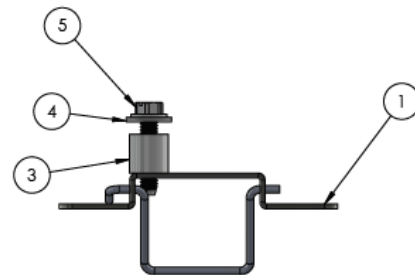
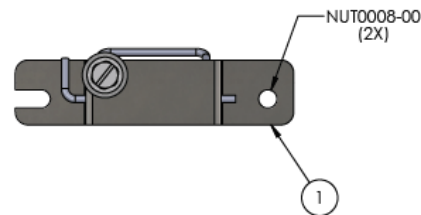
Single Opto ASM0104-01



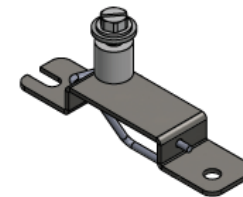
Wire Gate ASm0119-00A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTL0166-00	G2 ONE WAY GATE BRACKET	1
2	WRF0007-00	ONE WAY GATE WIREFORM	1
3	PLS0079-00	3/8" NYLON SPACER - 3/8" OD, .177" ID	1
4	WAS0008-00	#8 FLAT WASHER	1
5	TFS2008-12	8-32 X 3/4" HWH MS ZINC SF THREAD FORMING SCREW	1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ASSEMBLY REDRAWN ADDED PLASTIC SPACER	02/04/2019	

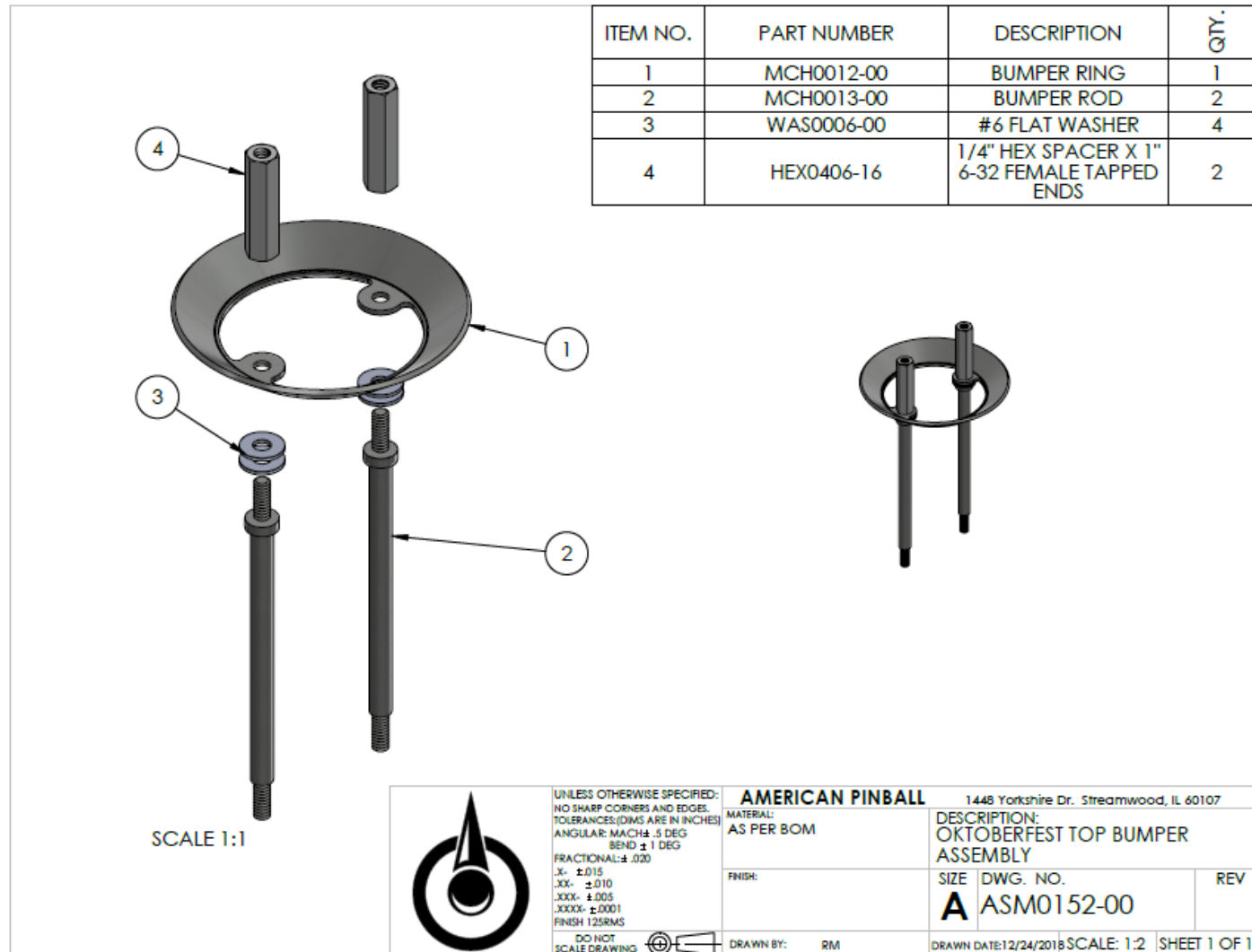


PLS0079-00, WAS0008-00 AND
TFS2008-12 SHOWN FOR
ILLUSTRATION PURPOSE.
TO BE MOUNTED ON
LEG OF WRP0004-01A



	AMERICAN PINBALL 1448 Yorkshire Dr. Streamwood, IL 60107	
	UNLESS OTHERWISE SPECIFIED: NO SHARP CORNERS AND EDGES TOLERANCES (DIMENSIONS ARE IN INCHES) ANGULAR: MAX ± .5 DEG RND ± .1 DEG FRACTIONAL: ± .020 X: ± .015 XX: ± .010 XXX: ± .005 XXXX: ± .0001 FINISH 125RMS DO NOT SCALE DRAWING	DESCRIPTION: ONE WAY GATE ASSEMBLY MATERIAL: AS PER BOM FINISH: NONE SIZE: DWG. NO. ASM0119-00 REV A
PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.		DRAWN BY: RM DRAWN DATE: 2/4/2019 SCALE: 1:1 SHEET 1 OF 1

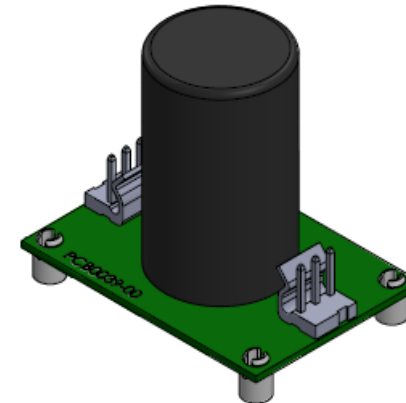
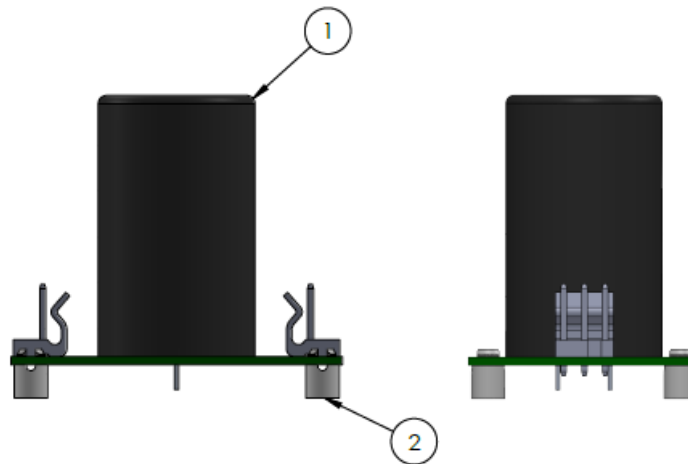
Bumper Ring ASM0152-00



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48 Volt Filter Board ASM0155-00

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PCB0039-00	48V DC FILTER BOARD	1
2	PLS0025-00	NYLON PCB SUPPORT #4X1/4"	4

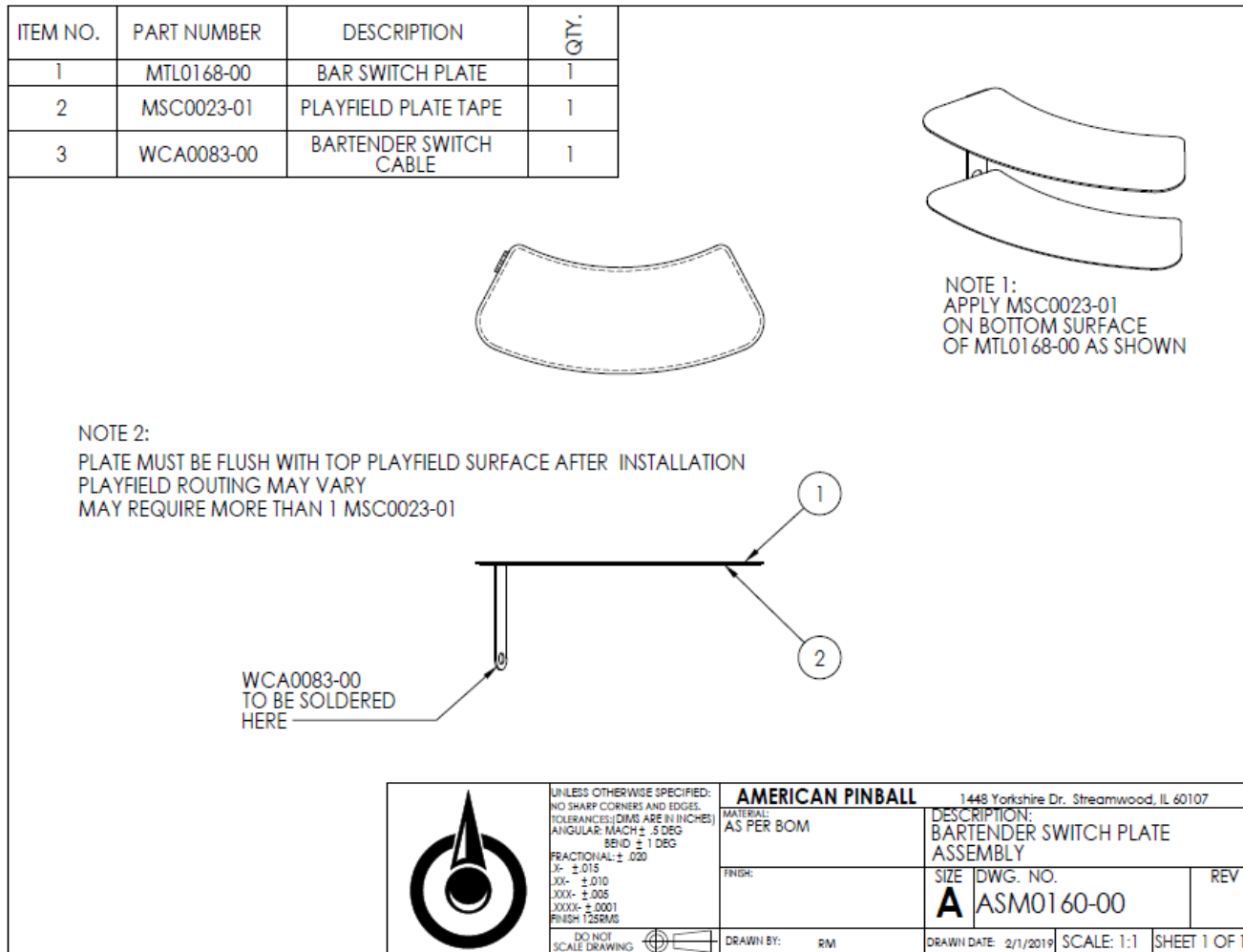


NOTES :
1) USE SMS0004-10 FOR MOUNTING
2) WIRED WITH WCA0085-00

	AMERICAN PINBALL 1448 Yorkshire Dr. Streamwood, IL 60107	
	UNLESS OTHERWISE SPECIFIED: NO SHARP CORNERS AND EDGES. TOLERANCES (DIM'S ARE IN INCHES) ANGULAR: MATCH $\pm$ 5 DEG BEND $\pm$ 1 DEG FRACTIONAL: $\pm$.020 .X- $\pm$.015 .XX- $\pm$.010 .XXX- $\pm$.005 .XXXX- $\pm$.0001 FINISH 125RMS DO NOT SCALE DRAWING	MATERIAL: AS PER BOM FINISH:
DESCRIPTION: 48V FILTER BOARD ASSEMBLY		SIZE DWG. NO. REV A ASM0155-00
DRAWN BY: RM		DRAWN DATE: 12/20/2018 SCALE: 1:1 SHEET 1 OF 1

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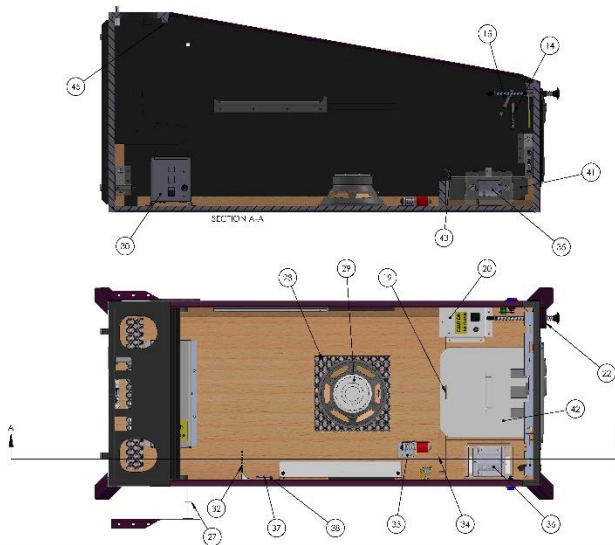
Bartender Switch Plate ASM0160-00



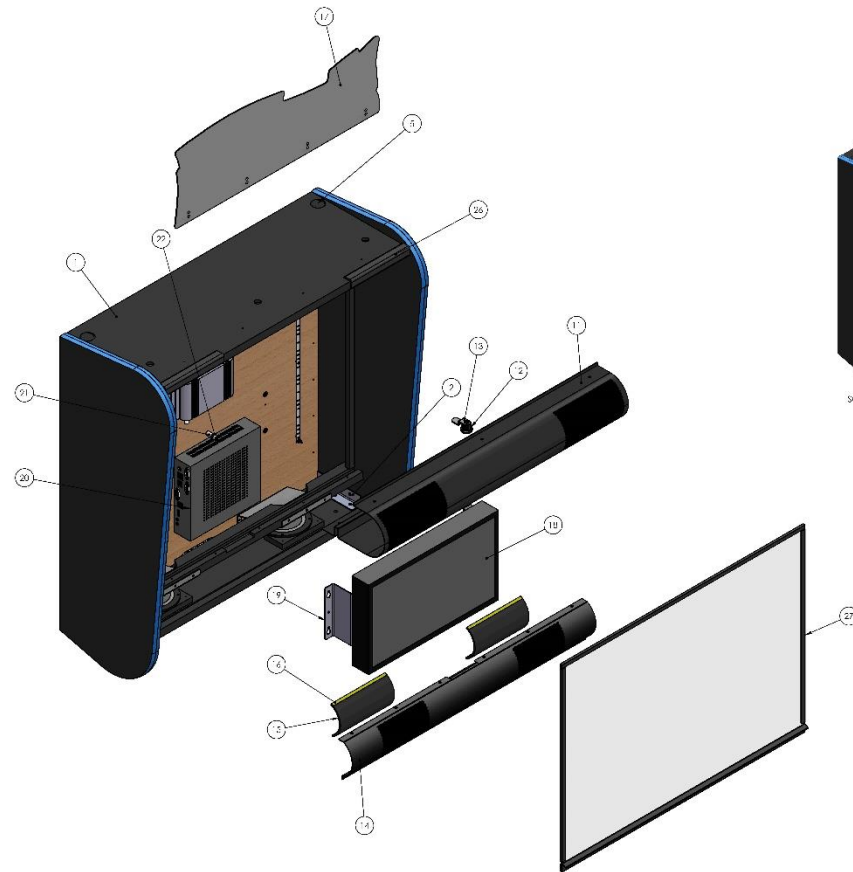
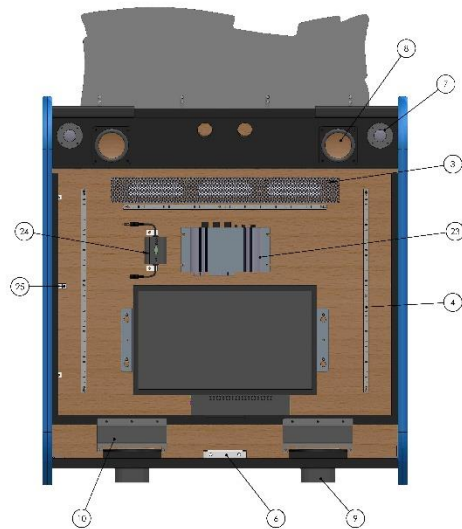
PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN PINBALL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN PINBALL IS PROHIBITED.

Cabinet

ITEM NO.	PART NAME/NO.	DESCRIPTION	QTY.
1	MT-000002-01	ENGINE/ENGINE "PIVOTAL" CHAINKIT	1
2	MT000002-05	CANNIST PUMP/ENGINE OIL BACKPACK	1
3	MT000002-02	LUG MOUNTING LUGS	4
4	MT000002-02	UNIVERSAL VIBR. GRILL	2
5	PI500000-00	CANNIST PUMP GLASS CHAIN VIBR.	1
6	MT-0000-000	MULTILOCK CHAIN CANNIST SALES/ MOUNT BRKT	1
7	MT-0000-011	MT-0000-011 CHAIN VIBR. 1" DIA. ROST BRKT	1
8	MT000009-00	CANNIST SUPPLY BRACKETS - DUAL	1
9	PI500000-00	INTERLOCK SWITCH- 96 CAL. (500000) 100A 180V 1PH. 187 x 200 TRMS.	1
10	PI500000-00	LOCK OFF/INTERLOCK FUSE- 80A ON SWITCH	1
11	PI500000-01	START BUTTON-MEDIAN 1/2" DIA.	1
12	PI5000-004	"P" HORN- 1/2" DIA.	2
13	PI5000-002	PUMPER STOP- 1/2"	1
14	PI500000-00	PUMP STOP SWITCH- 1/2" DIA. CONTACT	1
15	PI500000-01	LF 1/2" SUPPLY DOUBLE CONTACT	1
16	PI5000-000	HAZE CONTROL SWITCH- 22.5" DIA. WHEEL	1
17	AS000000-01	CANNIST LIFT ASSEMBLY	1
18	AS000000-00	CANNIST T. ASSEMBLY	1
19	MT000000-00	CANNIST OIL CRACK	1
20	AS000000-00	CANNIST- POWER BOX ASSEMBLY	1
21	PI500000-00	CONTROL ROLOCATOR LATCH	1
22	AS000000-0000C	BALL SHOOTER ASSEMBLY- ON KORN 3" ROLOC CAL. 11.18	1
23	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
24	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
25	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
26	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
27	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
28	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
29	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
30	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
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40	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
41	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
42	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
43	MT000000-0000C	CANNIST LIFT ASSEMBLY	1
44	PI500000-00	CANNIST LIFT ASSEMBLY	1



Back Box

[illegible][illegible]