
BMR-16-12

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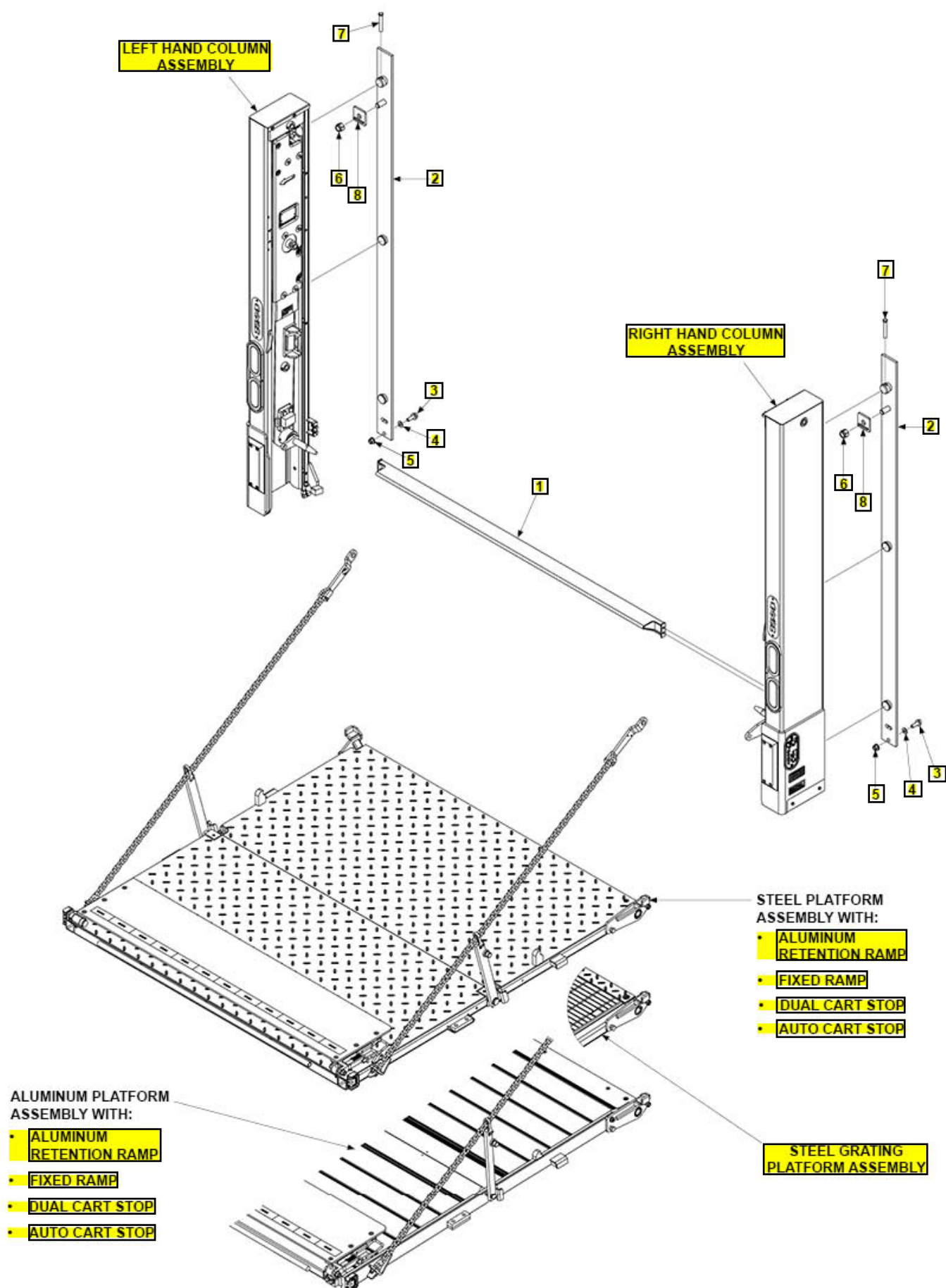
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FINAL ASSEMBLY

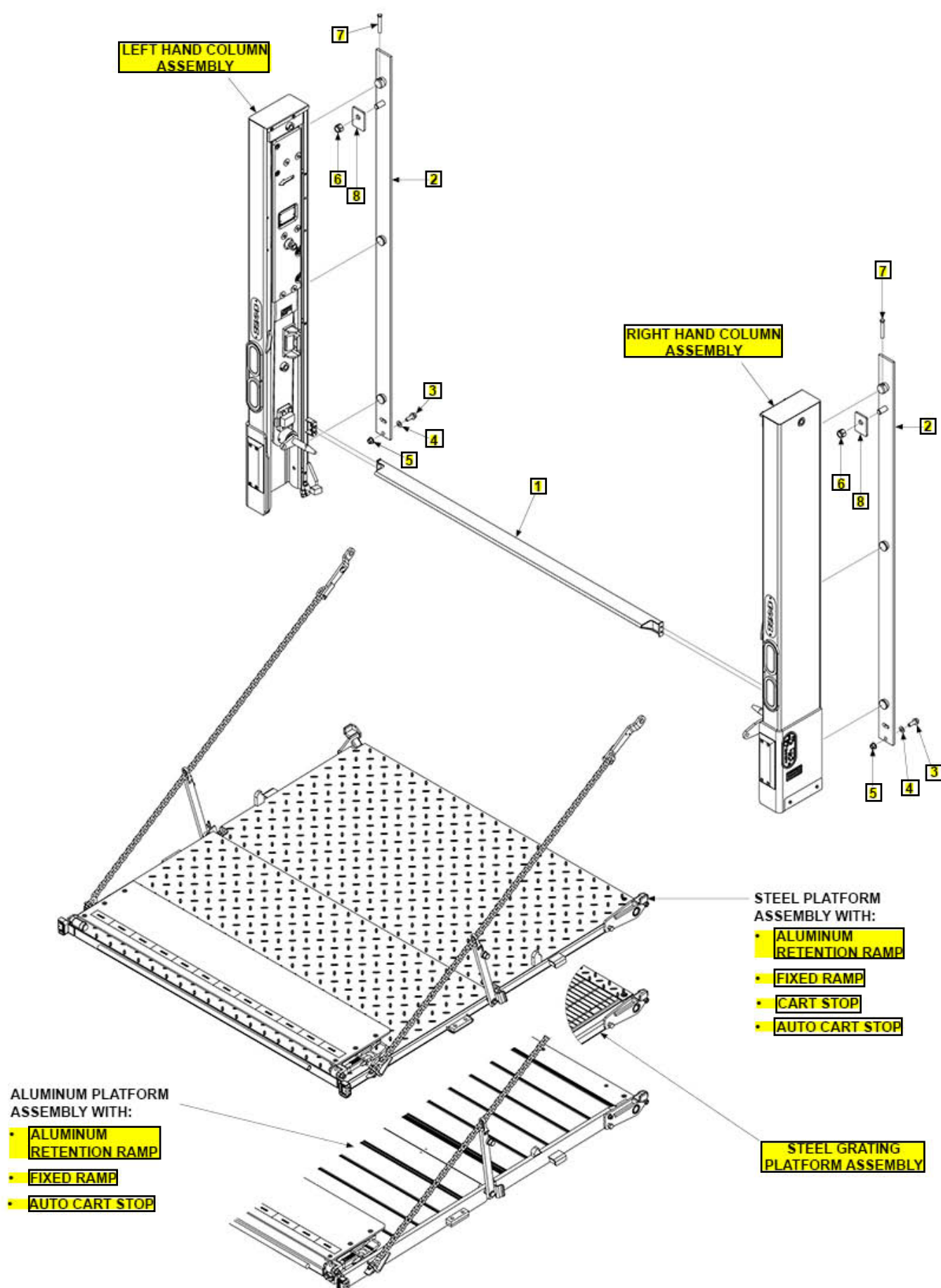
LAST UPDATED
OCT 2018 to present



Pos	SKU	Description	Qty	Remark
1	288790-01G-800	EXT PL WLDMT, BMR, WELD-ON,ST,G	1	
1	288790-101-800	EXT PLT WLDMT, BMR, WELD-ON, SST	1	
1	288790-111-800	EXT PLT WLDMT, BMRW, WELD-ON, SST	1	
1	288790-11G-800	EXT PLT WLDMT, BMRW, WELD-ON, ST, G	1	
1	288790-121	EXT PLT WLDMT,BMR,BOLT- ON,SST	1	
1	288790-131	EXT PLT WLDMT,BMRW,BOLT-ON,SST	1	
1	288790-21-150	EXT PLT WLDMT,BMR,BOLT- ON,ST,BLACK	1	
1	288790-21-500	EXT PLT WLDMT, BMR, BOLT-ON, ST, PRIMER	1	
1	288790-31-150	EXT PLT WLDMT,BMRW,BOLT- ON,ST,BLACK	1	
1	288790-31-500	EXT PLT WLDMT, BMRW, BOLT-ON, ST, PRIMER	1	
2	286290-11	PLATE WLDMT, UNIT MOUNT, SST	2	
2	286290-21	PLATE WLDMT, UNIT MOUNT, PRIMER	2	
2	286290-31	PLATE, WLDMT, UNIT MOUNT, BLACK	2	
3	901615-03	BOLT HEX FLANGE .63-11X1.75"LG	2	
4	902013-15	WASHER, FLAT 5/8" ZC	2	
5	901023-04	FLANGE LOCK NUT,63-11,ZC	2	
6	903159-01	NUT, NYL INSTR STOP 1-8, GR8, ZC	2	
7	905381-01	SCREW, SPEC HEX CAP, FULL THD .63-11X4, ZC	2	
8	211684-01G	GUSSET WLDMT, GALV, FOR BMR BOLT-ON KIT	2	

FINAL ASSEMBLY

LAST UPDATED
OCT 2016 to Sept 2018



Pos	SKU	Description	Qty	Remark
1	288790-01G-800	EXT PL WLDMT, BMR, WELD-ON,ST,G	1	
1	288790-101-800	EXT PLT WLDMT, BMR, WELD-ON, SST	1	
1	288790-111-800	EXT PLT WLDMT, BMRW, WELD-ON, SST	1	
1	288790-11G-800	EXT PLT WLDMT, BMRW, WELD-ON, ST, G	1	
1	288790-121	EXT PLT WLDMT,BMR,BOLT- ON,SST	1	
1	288790-131	EXT PLT WLDMT,BMRW,BOLT-ON,SST	1	
1	288790-21-500	EXT PLT WLDMT, BMR, BOLT-ON, ST, PRIMER	1	
1	288790-31-500	EXT PLT WLDMT, BMRW, BOLT-ON, ST, PRIMER	1	
2	286290-11	PLATE WLDMT, UNIT MOUNT, SST	2	
2	286290-21	PLATE WLDMT, UNIT MOUNT, PRIMER	2	
3	901615-03	BOLT HEX FLANGE .63-11X1.75"LG	2	
4	902013-15	WASHER, FLAT 5/8" ZC	2	
5	901023-04	FLANGE LOCK NUT,63-11,ZC	2	
6	903159-01	NUT, NYL INSTR STOP 1-8, GR8, ZC	2	
7	905381-01	SCREW, SPEC HEX CAP, FULL THD .63-11X4, ZC	2	
8	286295-01	GUSSET	2	

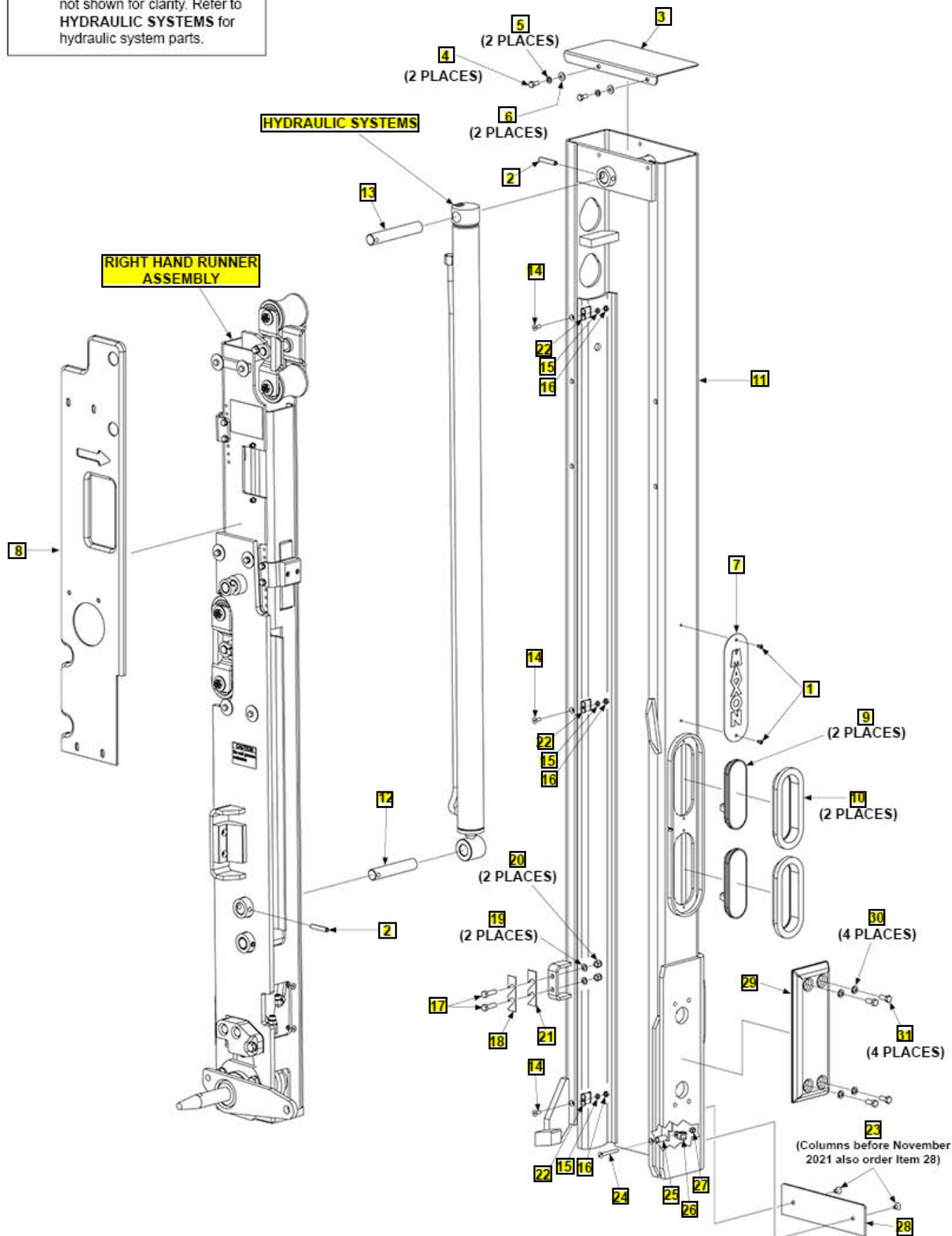
RIGHT HAND COLUMN ASSEMBLY

COMPLETE ASSEMBLY:

RIGHT HAND COLUMN ASSEMBLY

NOTE: Most hydraulic components not shown for clarity. Refer to **HYDRAULIC SYSTEMS** for hydraulic system parts.

LAST UPDATED
OCT 2016 to present

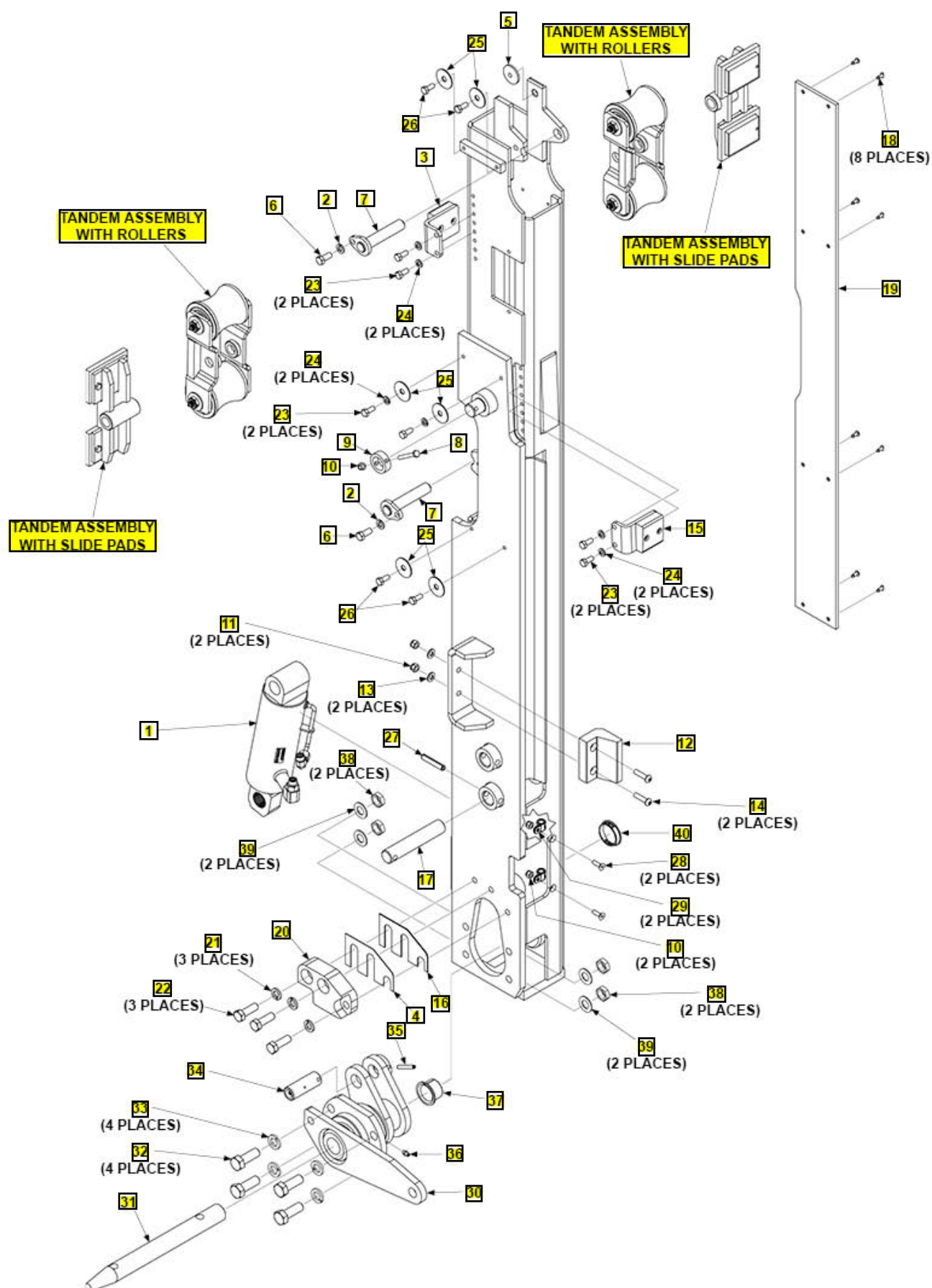


Pos	SKU	Description	Qty	Remark
REF	296320-01G	COL ASSY BMR44, RH, 12V, GD, GALV	1	
REF	296320-02G	COL ASSY BMR66, RH, 12V, GD, GALV	1	
REF	296320-11G	COL ASSY BMR44, RH, 12V, PD, GALV	1	
REF	296320-11G-100	COL ASSY BMR44,RH,12V,PD,GA,W/SLDE 1 PAD	1	
REF	296320-12G	COL ASSY BMR66, RH, 12V, PD, GALV	1	
REF	296320-12G-100	COL ASSY BMR66,RH,12V,PD,GA,W/SLDE 1 PAD	1	
1	904005-2	RIVET,BLIND SSTL DOME.187X.565	2	
2	904717-06	PIN ROLL .38 X 2 ZINC	2	
3	295744-12	COVER, RH COLUMN TOP,GALV	1	
4	901602-04	BOLT,HEX .313-18X0.75,18-8 SS	2	
5	902019-4	WASHER,LOCK S/ST .583ODX.322ID	2	
6	903409-02	WASHER,FEND .34 X.75OD,SS	2	
7	260478	MAXON VERT PLATE 3X10.125X.031	1	
8	286327-01	COVER COLUMN RH	1	
9	285371-02	LAMP,LED S/T&T,OVAL,TRK-LITE	2	
10	261687-01	GROMMET	2	
11	286241-301G	COLUMN WLDMT, RH, TIMER, GALV	1	
12	268068-05	PIN, SST 1 DIA X 5.38 LG	1	
13	268068-06	PIN, SST 1 DIA X 6.32 LG	1	
14	900711-03	SCREW, SOC FL .25-20X.75 SS	3	
15	902019-3	WASHER,LOCK S/ST .487ODX.260ID	3	

Pos	SKU	Description	Qty	Remark
16	903107-03	NUT, HEX .25-20 UNC SS	3	
17	900014-5	SCREW,HEX CAP.38-16X1.25,G8,ZC	2	
18	288799-01	SPACER, .06THICK	1	
19	903447-02	WASHER,FLAT .375X.063 THK,SS	2	
20	903134-01	NUT, NYL INSRT STOP .375-16 SS	2	
21	288799-02	SPACER, .03THICK	1	
22	286276-01	CLAMP	3	
23	900712-03	SCREW, SOC FL .312-18X.5 SS	2	
24	260299	SCREW,MACH 1/4-20X2.25 FLSL ZC	1	
25	298101-01	NYLON TUBE BUSHING DIA .63 O.D., DIA .38 X 1.44 LG	1	
26	224006	CLAMP, #6 RUBBER LOOM	1	
27	901000	NUT, NYLON 1/4-20 ZINC	1	
28	211688-01	BOTTOM COVER, BMR	1	
29	297131-01	BMR LOADING DOCK BUMPER	1	
30	902019-5	WASHER,LOCK S/ST .680ODX.385ID	4	
31	900764-05	SCREW, HEX CAP .38-16X.88, SS	4	

RIGHT HAND RUNNER ASSEMBLY

COMPLETE ASSEMBLY:

RIGHT HAND RUNNER ASSEMBLYLAST UPDATED
OCT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	286325-01G	RUNNER ASSY BMR, RH, GALV	1	
REF	286325-01G-100	RUNNER ASSY BMR,RH,GALV,W/SLDE PAD	1	
1	212871-01	CYL ASSY D/ACT,2.75BX5.25 STRX1.13R	1	
2	902011-4	WASHER, LOCK 3/8X.094 ZC	2	
3	287433-02	PAD ASSY, UPPER, RH RUNNER	1	
4	286759-02	SPACER, SST .03 THICK	1	
5	905409-01	END CAP, CAM FOLLOWER ROLLER	1	
6	900764-05	SCREW, HEX CAP .38-16X.88, SS	2	
7	280067	PIN WELDMENT	2	
8	900004-8	SCREW, CAP 1/4-20X2 GR8 ZC	1	
9	269227-01	PIN COLLAR	1	
10	903137-01	NUT, NYL INSRT STOP .25-20 SS	3	
11	903106-10	NUT, NYL INSRT STOP.313 -18 SS	2	
12	288940-01	BUMPER, PLATFORM STOP	1	
13	902013-10	WASHER, FLAT 5/16" SAE, ZC	2	
14	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	2	
15	287434-02	PAD ASSY, BOTTOM, RH RUNNER	1	
16	286759-01	SPACER, SST .06 THICK	1	
17	268068-05	PIN, SST 1 DIA X 5.38 LG	1	
18	904005-2	RIVET,BLIND SSTL DOME.187X.565	8	
19	253543	PAD .28 DIA.	1	
20	286226-02	HOLDER, RUNNER RH, CASTING, BLACK	1	
21	902011-6	WASHER, LOCK 1/2X1/8 ZC	3	
22	900035-3	SCREW,CAP HXHD.5-13UNC-2A 1.50	3	

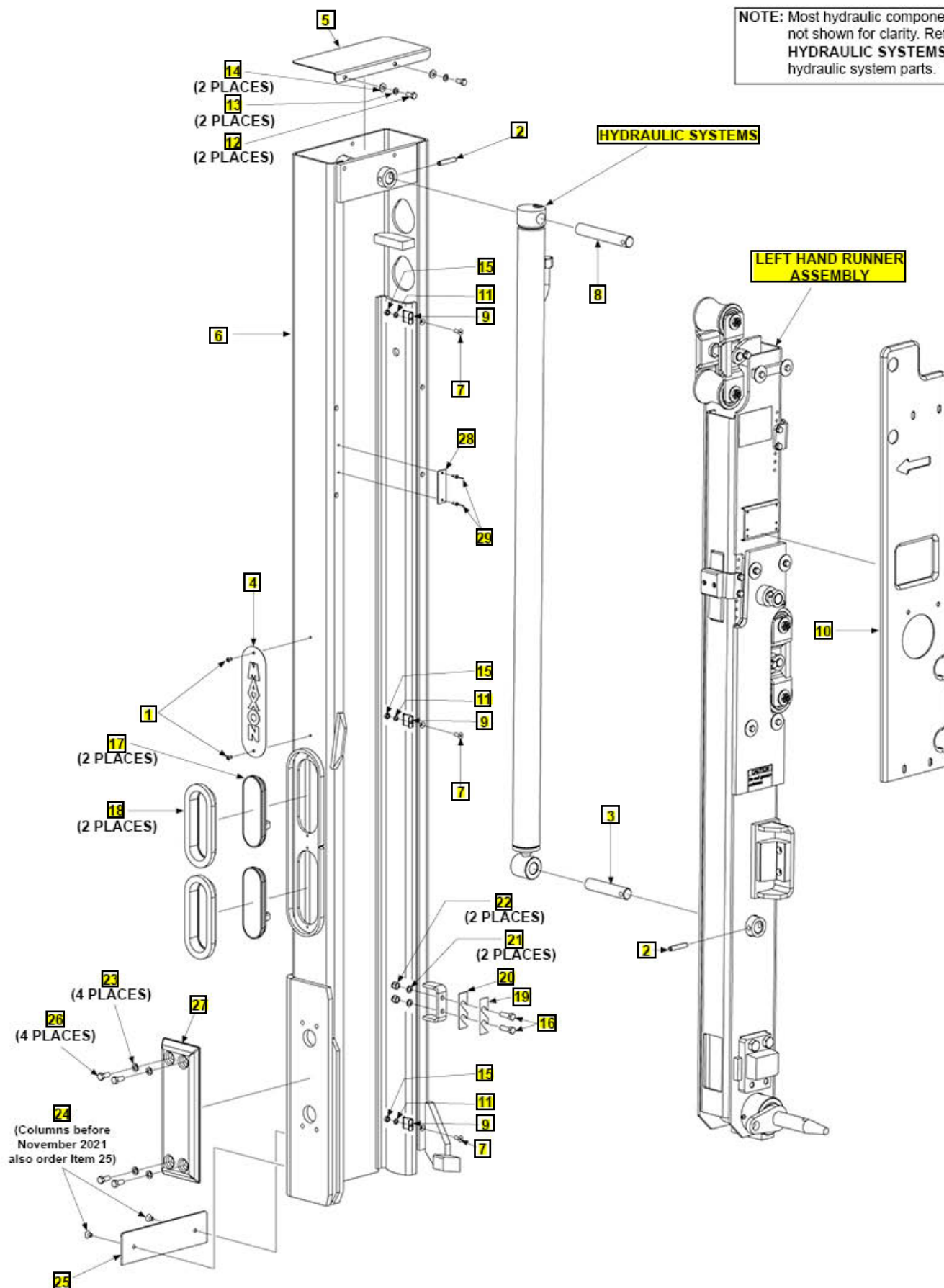
Pos	SKU	Description	Qty	Remark
23	901602-04	BOLT,HEX .313-18X0.75,18-8 SS	6	
24	902019-4	WASHER,LOCK S/ST .583ODX.322ID	6	
25	902008	WASHER,FENDER 1.5X13/32X1/16SS	6	
26	901602-05	BOLT, HEX .313-18X.88,18-8 SS	4	
27	904717-06	PIN ROLL .38 X 2 ZINC	1	
28	900711-04	SCREW, SOC FL .25-20X.88 SS	2	
29	224006	CLAMP, #6 RUBBER LOOM	2	
30	286315-01	ARM. P/F FOLDING	1	
31	280103	PIN X 13" STAINLESS STEEL	1	
32	900055-03	SCREW,HEX HEAD.625-11UNC X1.75	4	
33	902011-8	WASHER, LOCK .625, .156THK	4	
34	212878-01	PIN, SST 1IN DIA. ASSY W/ GREASE FITTING	1	
35	905033-4	ROLL PIN .250 O.D.X1.75"LG	1	
36	224342	FITTING, GREASE 1/4"SELF DRILL	1	
37	908007-06	BEARING, FLNGD 1.25SHFT, .75LG	1	
38	030331	NUT, JAM 5/8-11 ZINC	4	
39	902000-18	WASHER, FLAT .625 .063 THK	4	
40	908081-09	PLUG, NYLON, FOR 1.75DIA HOLE	1	

LEFT HAND COLUMN ASSEMBLY

COMPLETE ASSEMBLY:

LEFT HAND COLUMN ASSEMBLYLAST UPDATED
OCT 2016 to present

NOTE: Most hydraulic components not shown for clarity. Refer to **HYDRAULIC SYSTEMS** for hydraulic system parts.

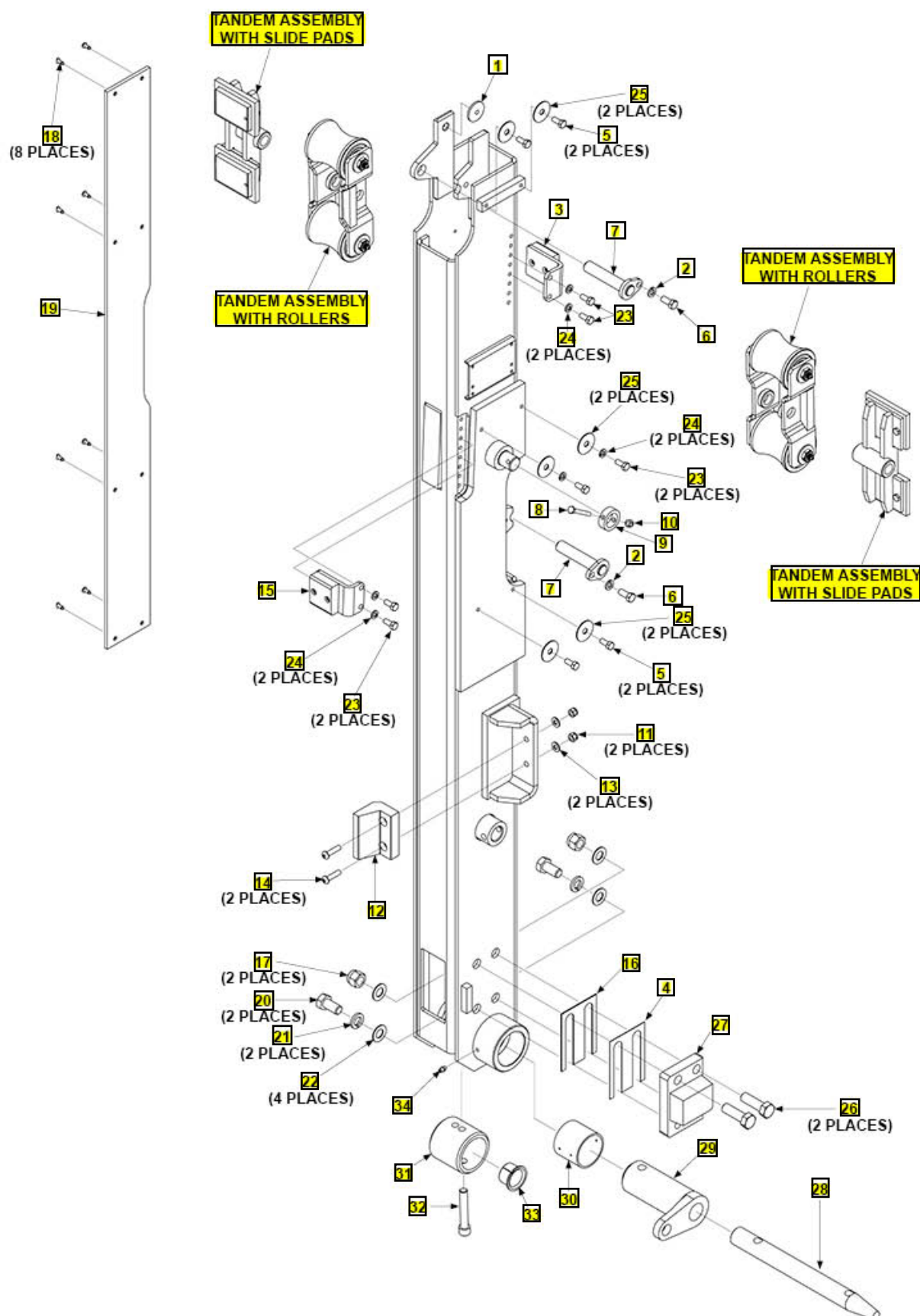


Pos	SKU	Description	Qty	Remark
REF	286215-01G	COL ASSY BMR44, LH, 12V, GALV	1	
REF	286215-01G-100	COL ASSY BMR44,LH,12V,GALV,W/SLDE PAD	1	
REF	286215-02G	COL ASSY BMR66, LH, 12V, GALV	1	
REF	286215-02G-100	COL ASSY BMR66,LH,12V,GALV,W/SLDE PAD	1	
1	904005-2	RIVET,BLIND SSTL DOME.187X.565	2	
2	904717-06	PIN ROLL .38 X 2 ZINC	2	
3	268068-07	PIN, SST 1 DIA X 4.91 LG	1	
4	260478	MAXON VERT PLATE 3X10.125X.031	1	
5	295744-11	COVER, LH COLUMN TOP,GALV	1	
6	286221-01G	COLUMN WLDMT, LH, GALV	1	
7	900711-03	SCREW, SOC FL .25-20X.75 SS	3	
8	268068-06	PIN, SST 1 DIA X 6.32 LG	1	
9	286276-01	CLAMP	3	
10	286326-01	COVER COLUMN LH	1	
11	902019-3	WASHER,LOCK S/ST .487ODX.260ID	3	
12	901602-04	BOLT,HEX .313-18X0.75,18-8 SS	2	
13	902019-4	WASHER,LOCK S/ST .583ODX.322ID	2	
14	903409-02	WASHER,FEND .34 X.75OD,SS	2	
15	903107-03	NUT, HEX .25-20 UNC SS	3	
16	900014-5	SCREW,HEX CAP.38-16X1.25,G8,ZC	2	
17	285371-02	LAMP,LED S/T&T,OVAL,TRK-LITE	2	
18	261687-01	GROMMET	2	

Pos	SKU	Description	Qty	Remark
19	288799-02	SPACER, .03THICK	1	
20	288799-01	SPACER, .06THICK	1	
21	903447-02	WASHER,FLAT .375X.063 THK,SS	2	
22	903134-01	NUT, NYL INSRT STOP .375-16 SS	2	
23	902019-5	WASHER,LOCK S/ST .680ODX.385ID	4	
24	900712-03	SCREW, SOC FL .312-18X.5 SS	2	
25	211688-01	BOTTOM COVER, BMR	1	
26	900764-05	SCREW, HEX CAP .38-16X.88, SS	4	
27	297131-01	BMR LOADING DOCK BUMPER	1	
28	212872-01	FLAT, YELLOW MARKER	1	
29	903721-03	RIVET, BL/DM, SS .16X.19-.25	2	

LEFT HAND RUNNER ASSEMBLY

COMPLETE ASSEMBLY:

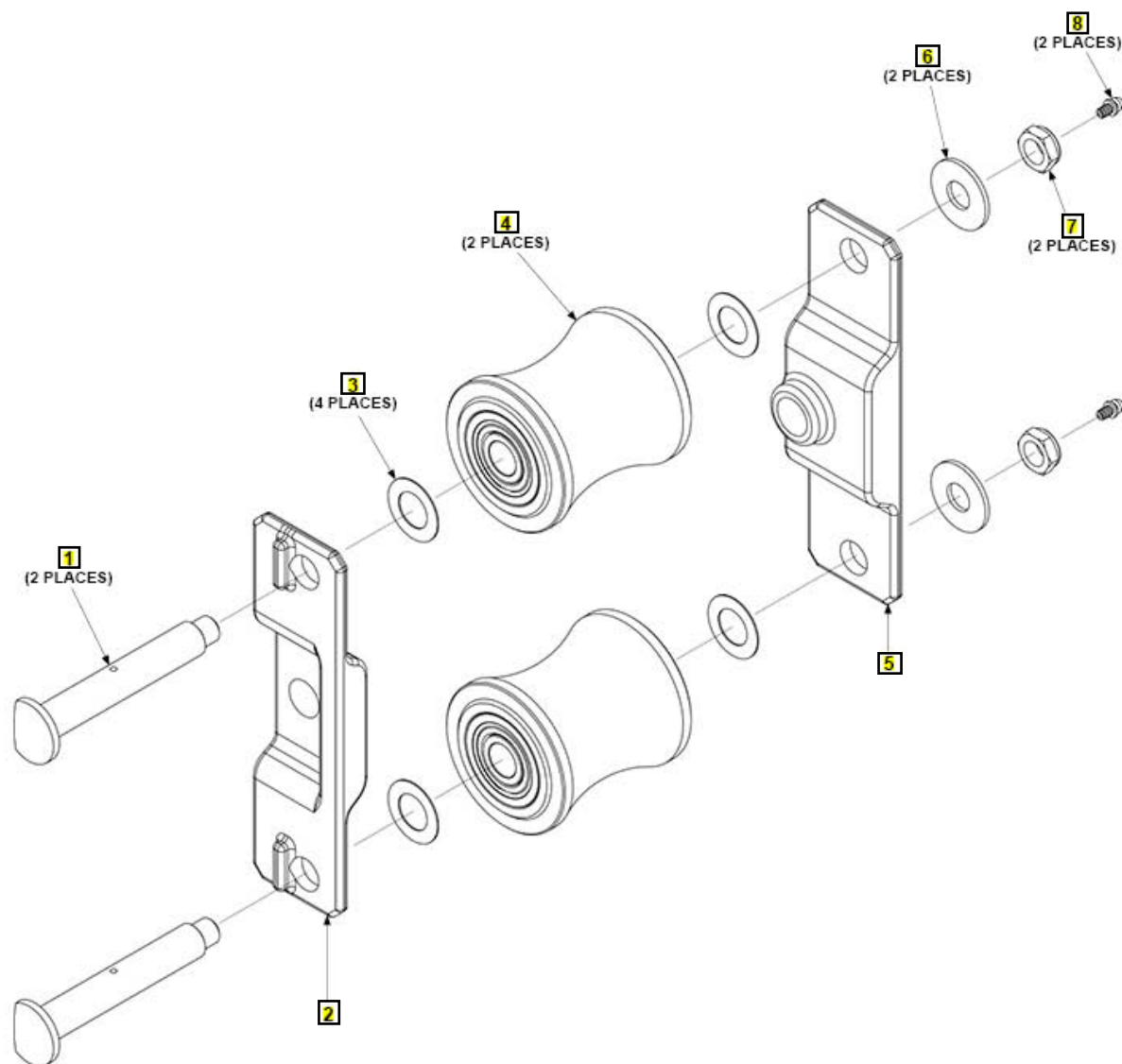
LEFT HAND RUNNER ASSEMBLYLAST UPDATED
OCT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	286235-01G	RUNNER ASSY BMR, LH, GALV	1	
REF	286235-01G-100	RUNNER ASSY BMR,LH,GALV,W/SLDE PAD	1	
1	905409-01	END CAP, CAM FOLLOWER ROLLER	1	
2	902011-4	WASHER, LOCK 3/8X.094 ZC	2	
3	287433-01	PAD ASSY, UPPER, LH RUNNER	1	
4	288798-02	SPACER, .03THICK	1	
5	901602-05	BOLT, HEX .313-18X.88,18-8 SS	4	
6	900764-05	SCREW, HEX CAP .38-16X.88, SS	2	
7	280067	PIN WELDMENT	2	
8	900004-8	SCREW, CAP 1/4-20X2 GR8 ZC	1	
9	269227-01	PIN COLLAR	1	
10	903137-01	NUT, NYL INSRT STOP .25-20 SS	1	
11	903106-10	NUT, NYL INSRT STOP.313 -18 SS	2	
12	288940-01	BUMPER, PLATFORM STOP	1	
13	902013-10	WASHER, FLAT 5/16" SAE, ZC	2	
14	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	2	
15	287434-01	PAD ASSY, BOTTOM, LH RUNNER	1	
16	288798-01	SPACER, .06THICK	1	
17	040156	NUT, LOCK 5/8-11 GR8	2	
18	904005-2	RIVET,BLIND SSTL DOME.187X.565	8	
19	253543	PAD .28 DIA.	1	
20	900055-1	SCREW,HEX HEAD.625-11UNC X1.25	2	
21	902019-9	WASHER,LOCK S/ST1.073ODX.641ID	2	

Pos	SKU	Description	Qty	Remark
22	902000-18	WASHER, FLAT .625 .063 THK	4	
23	901602-04	BOLT,HEX .313-18X0.75,18-8 SS	6	
24	902019-4	WASHER,LOCK S/ST .583ODX.322ID	6	
25	902008	WASHER,FENDER 1.5X13/32X1/16SS	6	
26	900055-04	SCREW,HEX HEAD.625-11UNC X2	2	
27	288795-01G	BLOCK WLDMT, RUNNER LH, GALV	1	
28	280103	PIN X 13" STAINLESS STEEL	1	
29	280623-01	COUPLING LH, BMR'S	1	
30	908011-01	BRG, CMPST 2.25X2.50X2.13LG	1	
31	253696	PIN COLLAR 2.31ID X2.75 LG	1	
32	900037-11	SCREW, SOCHD 1/2-20X3 GR8 ZC	1	
33	908007-06	BEARING, FLNGD 1.25SHFT, .75LG	1	
34	224342	FITTING, GREASE 1/4"SELF DRILL	1	

TANDEM ASSEMBLY WITH ROLLERS

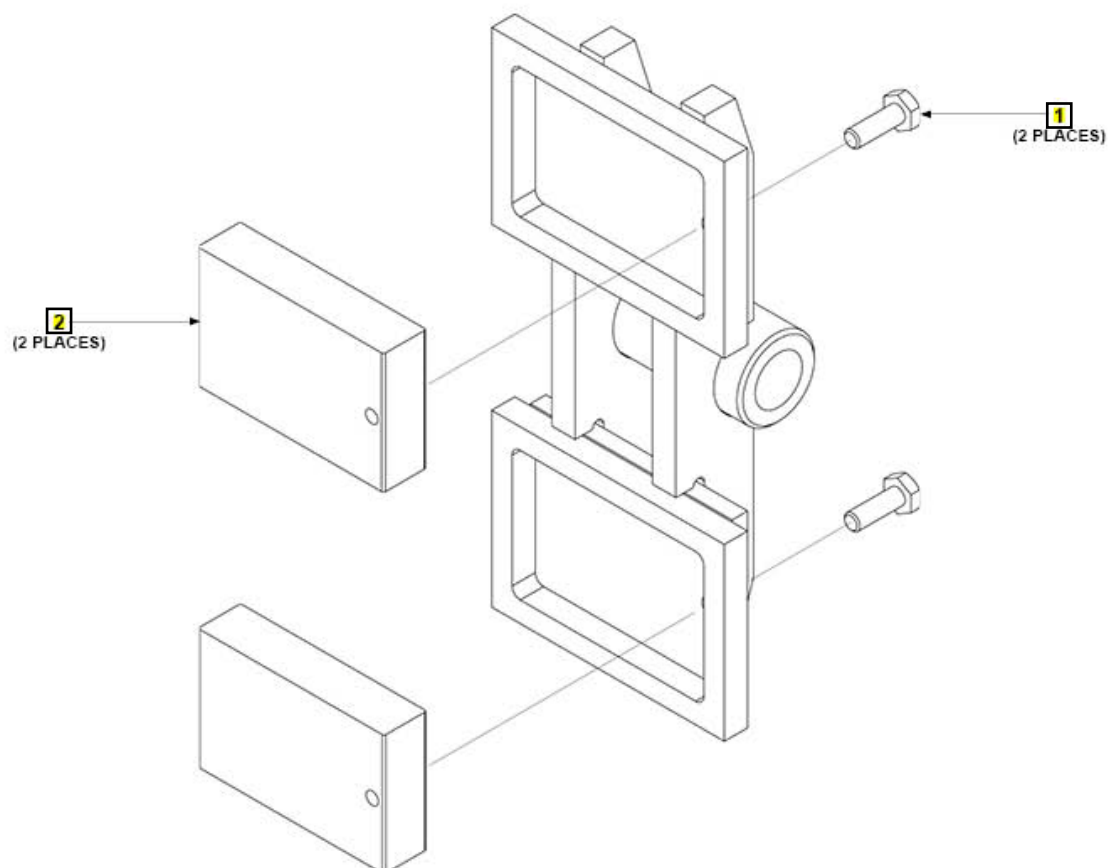
COMPLETE ASSEMBLY:

TANDEM ASSEMBLY WITH ROLLERSLAST UPDATED
OCT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	286234-01-100	FORGED, TANDEM ASSY, BMRB	2	
1	286289-01	ROLLER AXEL	2	
2	299937-01G	TANDEM OUTER BRACKET, MACHINED	1	
3	261182	WASHER,FLAT 1.25X.728X.030 304	4	
4	268899-03	ROLLER ASSY, TANDEM, ALUMINUM, BMR	2	
5	299936-01G	TANDEM INNER BRACKET, MACHINED	1	
6	902014	WASHER, FLAT 1.38X.56 X .093ZC	2	
7	901016-1	NUT HEX THN HD LKG.500-20UNF	2	
8	268264-02	GREASE FITTING,DRIVE-IN, .19	2	

TANDEM ASSEMBLY WITH SLIDE PADS

COMPLETE ASSEMBLY:

TANDEM ASSEMBLY WITH SLIDE PADSLAST UPDATED
OCT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	287655-01	TANDEM ASSY WITH SLIDE PADS	2	
1	900004-2	SCREW, CAP 1/4-20X3/4 GR8 ZC	2	
2	298308-01	SLIDE PAD, FLAT	2	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH ALUMINUM RETENTION RAMP (STEEL)

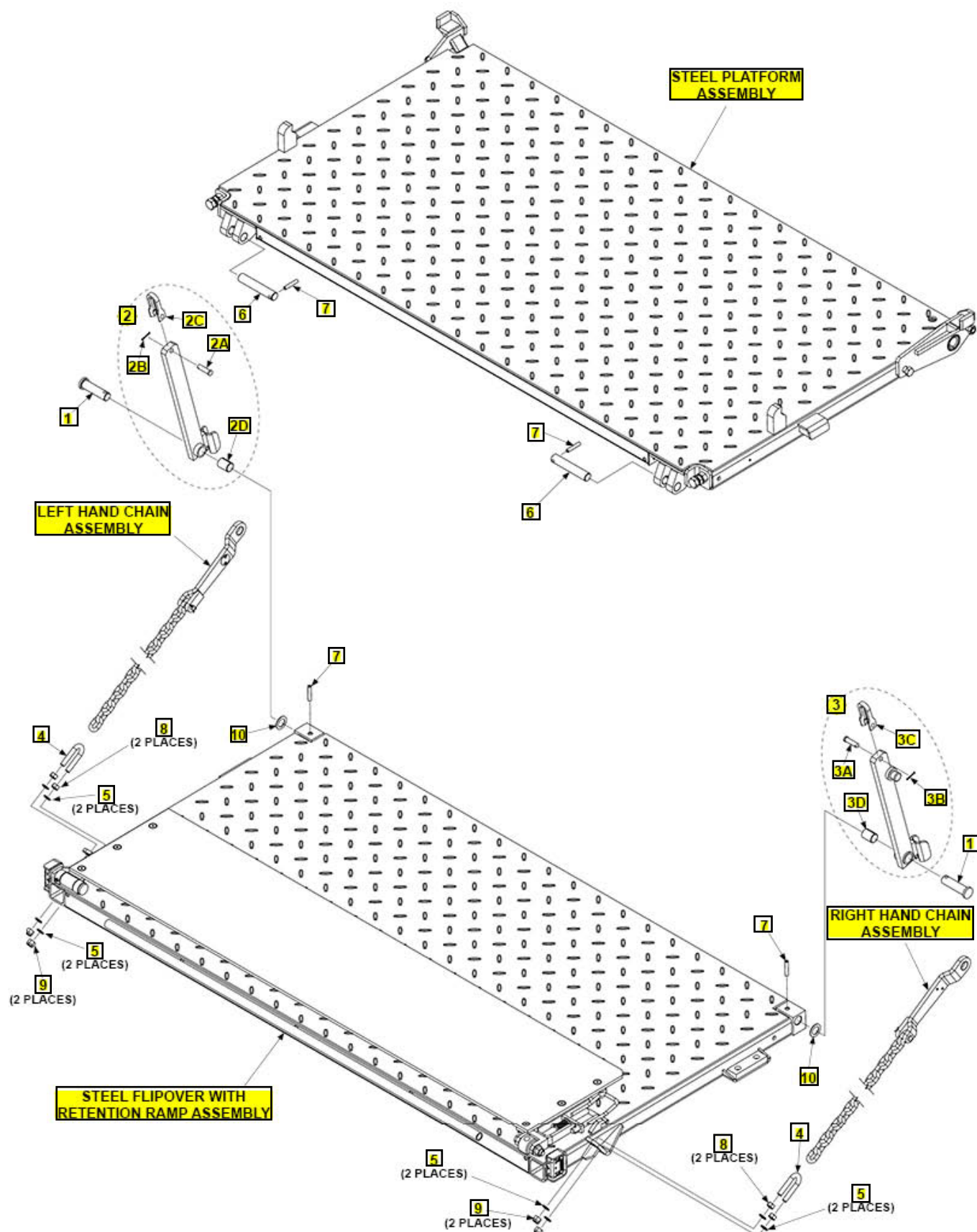
LAST UPDATED
OCT 2018 to present

CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH
ALUMINUM RETENTION RAMP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	298190-601G	P/F, F/O ASSY, ST80X30+30+16ARR,GALV,BMR	1	
REF	298190-602G	P/F, F/O ASSY, ST80X36+36+16ARR,GALV,BMR	1	
REF	298190-603G	P/F, F/O ASSY, ST80X42+42+16ARR,GALV,BMR	1	
REF	298190-604G	P/F, F/O ASSY, ST80X36+24+16ARR,GALV,BMR	1	
REF	298190-605G	P/F, F/O ASSY, ST80X42+30+16ARR,GALV,BMR	1	
REF	298190-611G	P/F, F/O ASSY, ST85X30+30+16ARR,GALV,BMR	1	
REF	298190-612G	P/F, F/O ASSY, ST85X36+36+16ARR,GALV,BMR	1	
REF	298190-613G	P/F, F/O ASSY, ST85X42+42+16ARR,GALV,BMR	1	
REF	298190-614G	P/F, F/O ASSY, ST85X36+24+16ARR,GALV,BMR	1	
REF	298190-615G	P/F, F/O ASSY, ST85X42+30+16ARR,GALV,BMR	1	
1	253528	PIN	2	
2	298172-01	OPENER ASSY BMR,30+30 P/F,LH	1	
2	298172-03	OPENER ASSY BMR,36+36 P/F,LH	1	
2	298172-05	OPENER ASSY BMR,42+42 P/F,LH	1	
2	298172-07	OPENER ASSY BMR,36+24 P/F,LH	1	
2	298172-09	OPENER ASSY BMR,42+30 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
3	298172-02	OPENER ASSY BMR,30+30 P/F,RH	1	

Pos	SKU	Description	Qty	Remark
3	298172-04	OPENER ASSY BMR,36+36 P/F,RH	1	
3	298172-06	OPENER ASSY BMR,42+42 P/F,RH	1	
3	298172-08	OPENER ASSY BMR,36+24 P/F,RH	1	
3	298172-10	OPENER ASSY BMR,42+30 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
4	282854-01	U-BOLT	2	
5	902000-14	WASHER, FLAT .500X.063 THK	8	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	4	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-25	WASHER, FLAT	2	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH ALUMINUM RETENTION RAMP (STEEL)

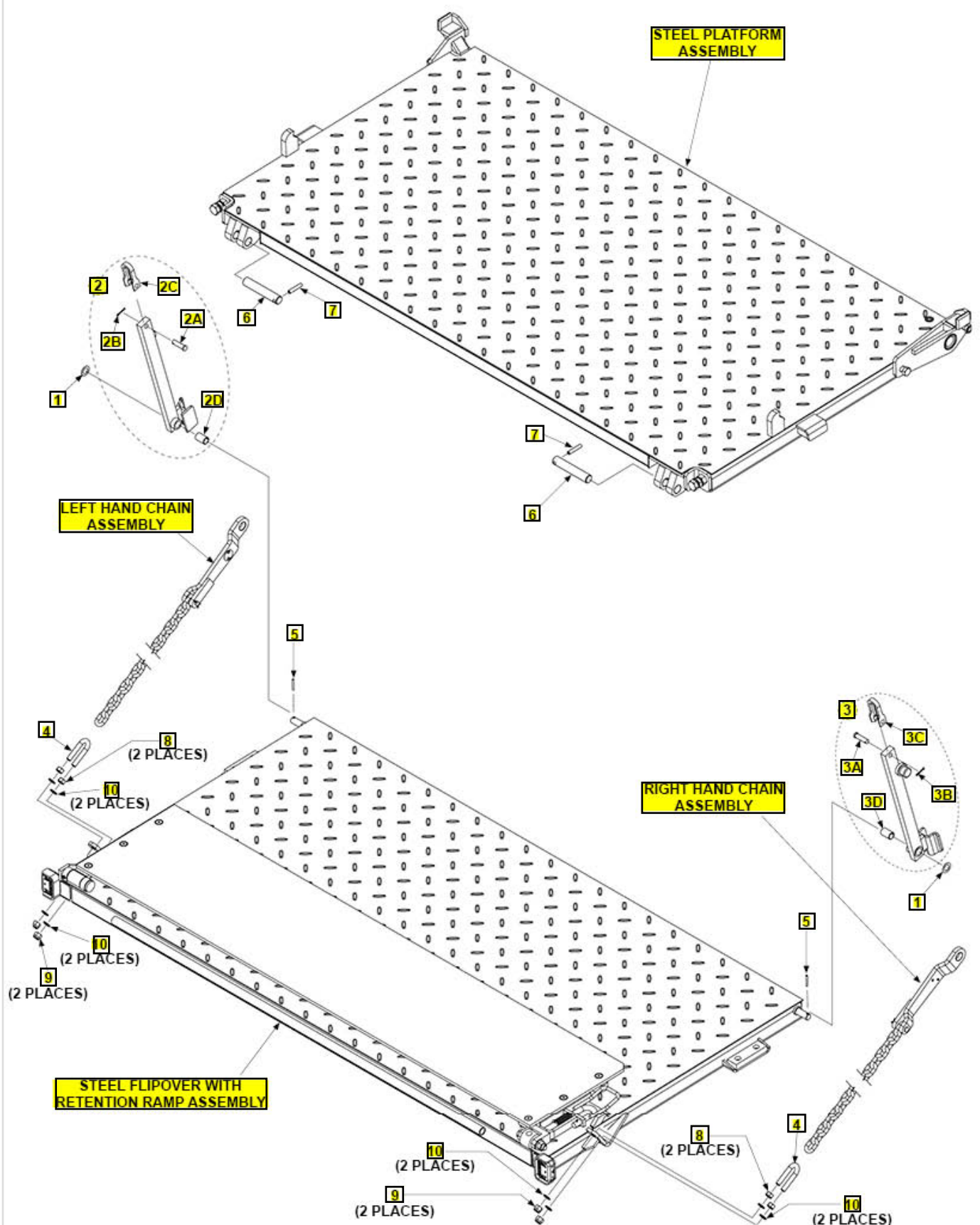
LAST UPDATED
OCT 2016 to Sept 2018

CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH
ALUMINUM RETENTION RAMP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	286820-601G	P/F ASSY BMR66G,ST80X(30+30+16)	1	
REF	286820-602G	P/F ASSY BMR66G,ST80X(36+36+16)	1	
REF	286820-603G	P/F ASSY BMR66G,ST80X(42+42+16)	1	
REF	286820-604G	P/F ASSY BMR66G,ST80X(36+24+16)	1	
REF	286820-605G	P/F ASSY BMR66G,ST80X(42+30+16)	1	
REF	286820-611G	P/F ASSY BMRW66G,ST85X(30+30+16)	1	
REF	286820-612G	P/F ASSY BMRW66G,ST85X(36+36+16)	1	
REF	286820-613G	P/F ASSY BMRW66G,ST85X(42+42+16)	1	
REF	286820-614G	P/F ASSY BMRW66G,ST85X(36+24+16)	1	
REF	286820-615G	P/F ASSY BMRW66G,ST85X(42+30+16)	1	
1	261685	WASHER, 1-1/4X3/4X.030 SS	2	
2	286880-01	OPENER ASSY BMRB,30+30 P/F,LH	1	
2	286880-03	OPENER ASSY BMRB,36+36 P/F,LH	1	
2	286880-05	OPENER ASSY BMRB,42+42 P/F,LH	1	
2	286880-07	OPENER ASSY BMRB,36+24 P/F,LH	1	
2	286880-09	OPENER ASSY BMRB,42+30 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
3	286880-02	OPENER ASSY BMRB,30+30 P/F,RH	1	

Pos	SKU	Description	Qty	Remark
3	286880-04	OPENER ASSY BMRB,36+36 P/F,RH	1	
3	286880-06	OPENER ASSY BMRB,42+42 P/F,RH	1	
3	286880-08	OPENER ASSY BMRB,36+24 P/F,RH	1	
3	286880-10	OPENER ASSY BMRB,42+30 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
4	282854-01	U-BOLT	2	
5	905015-3	PIN ROLL .188 X 1.5 ZINC	2	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	2	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-14	WASHER, FLAT .500X.063 THK	8	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY, STEEL GRATING WITH ALUMINUM RETENTION RAMP

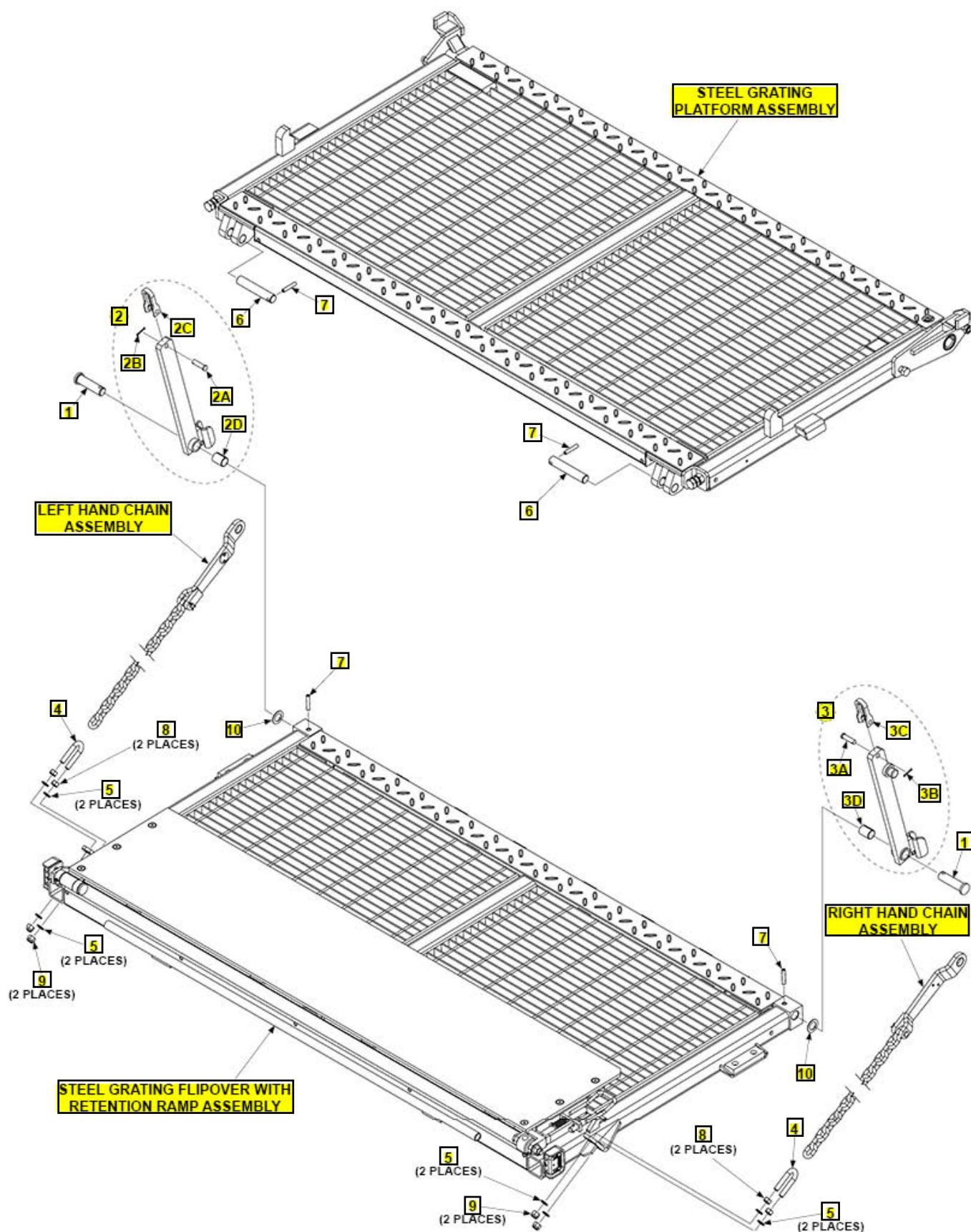
CAUTION

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LAST UPDATED
OCT 2018 to present

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY, STEEL GRATING WITH ALUMINUM RETENTION RAMP



Pos	SKU	Description	Qty	Remark
REF	298810-601G	P/F,F/O ASSY, GR-ST80X30+30+16ARR,GALV,BMR	1	
REF	298810-602G	P/F,F/O ASSY, GR-ST80X36+36+16ARR,GALV,BMR	1	
REF	298810-603G	P/F,F/O ASSY, GR-ST80X42+42+16ARR,GALV,BMR	1	
REF	298810-604G	P/F,F/O ASSY, GR-ST80X36+24+16ARR,GALV,BMR	1	
REF	298810-605G	P/F,F/O ASSY, GR-ST80X42+30+16ARR,GALV,BMR	1	
REF	298810-611G	P/F,F/O ASSY, GR-ST85X30+30+16ARR,GALV,BMR	1	
REF	298810-612G	P/F,F/O ASSY, GR-ST85X36+36+16ARR,GALV,BMR	1	
REF	298810-613G	P/F,F/O ASSY, GR-ST85X42+42+16ARR,GALV,BMR	1	
REF	298810-614G	P/F,F/O ASSY, GR-ST85X36+24+16ARR,GALV,BMR	1	
REF	298810-615G	P/F,F/O ASSY, GR-ST85X42+30+16ARR,GALV,BMR	1	
1	253528	PIN	2	
2	298172-01	OPENER ASSY BMR,30+30 P/F,LH	1	
2	298172-03	OPENER ASSY BMR,36+36 P/F,LH	1	
2	298172-05	OPENER ASSY BMR,42+42 P/F,LH	1	
2	298172-07	OPENER ASSY BMR,36+24 P/F,LH	1	
2	298172-09	OPENER ASSY BMR,42+30 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
3	298172-02	OPENER ASSY BMR,30+30 P/F,RH	1	

Pos	SKU	Description	Qty	Remark
3	298172-04	OPENER ASSY BMR,36+36 P/F,RH	1	
3	298172-06	OPENER ASSY BMR,42+42 P/F,RH	1	
3	298172-08	OPENER ASSY BMR,36+24 P/F,RH	1	
3	298172-10	OPENER ASSY BMR,42+30 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
4	282854-01	U-BOLT	2	
5	902000-14	WASHER, FLAT .500X.063 THK	8	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	4	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-25	WASHER, FLAT	2	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY, STEEL GRATING WITH ALUMINUM RETENTION RAMP

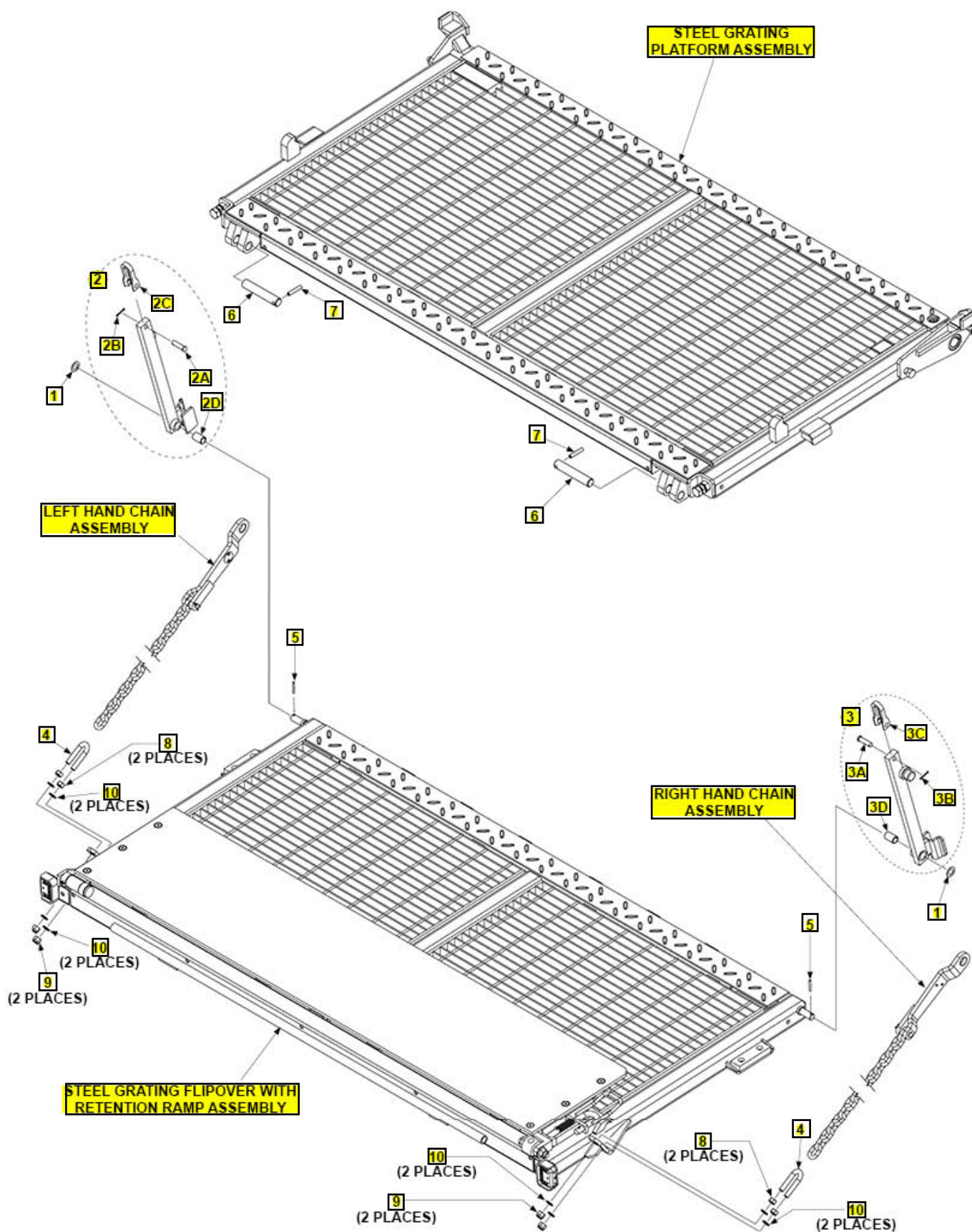
CAUTION

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LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY,
STEEL GRATING WITH ALUMINUM RETENTION RAMP



Pos	SKU	Description	Qty	Remark
REF	288960-601G	P/F ASSY BMRB66G, GR-ST80X30+30+16	1	
REF	288960-602G	P/F ASSY BMRB66G,GR- ST80X36+36+16	1	
REF	288960-603G	P/F ASSY BMRB66G,GR- ST80X42+42+16	1	
REF	288960-604G	P/F ASSY BMRB66G,GR- ST80X36+24+16	1	
REF	288960-605G	P/F ASSY BMRB66G,GR- ST80X42+30+16	1	
REF	288960-611G	P/F ASSY BMRBW66G,GR- ST85X30+30+16	1	
REF	288960-612G	P/F ASSY BMRBW66G,GR- ST85X36+36+16	1	
REF	288960-613G	P/F ASSY BMRBW66G,GR- ST85X42+42+16	1	
REF	288960-614G	PF ASSY BMRBW66G,GR- ST85X36+24+16	1	
REF	288960-615G	PF ASSY BMRBW66G,GR- ST85X42+30+16	1	
1	261685	WASHER, 1-1/4X3/4X.030 SS	2	
2	286880-01	OPENER ASSY BMRB,30+30 P/F,LH	1	
2	286880-03	OPENER ASSY BMRB,36+36 P/F,LH	1	
2	286880-05	OPENER ASSY BMRB,42+42 P/F,LH	1	
2	286880-07	OPENER ASSY BMRB,36+24 P/F,LH	1	
2	286880-09	OPENER ASSY BMRB,42+30 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
3	286880-02	OPENER ASSY BMRB,30+30 P/F,RH	1	

Pos	SKU	Description	Qty	Remark
3	286880-04	OPENER ASSY BMRB,36+36 P/F,RH	1	
3	286880-06	OPENER ASSY BMRB,42+42 P/F,RH	1	
3	286880-08	OPENER ASSY BMRB,36+24 P/F,RH	1	
3	286880-10	OPENER ASSY BMRB,42+30 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
4	282854-01	U-BOLT	2	
5	905015-3	PIN ROLL .188 X 1.5 ZINC	2	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	2	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-14	WASHER, FLAT .500X.063 THK	8	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH FIXED RAMP (STEEL)

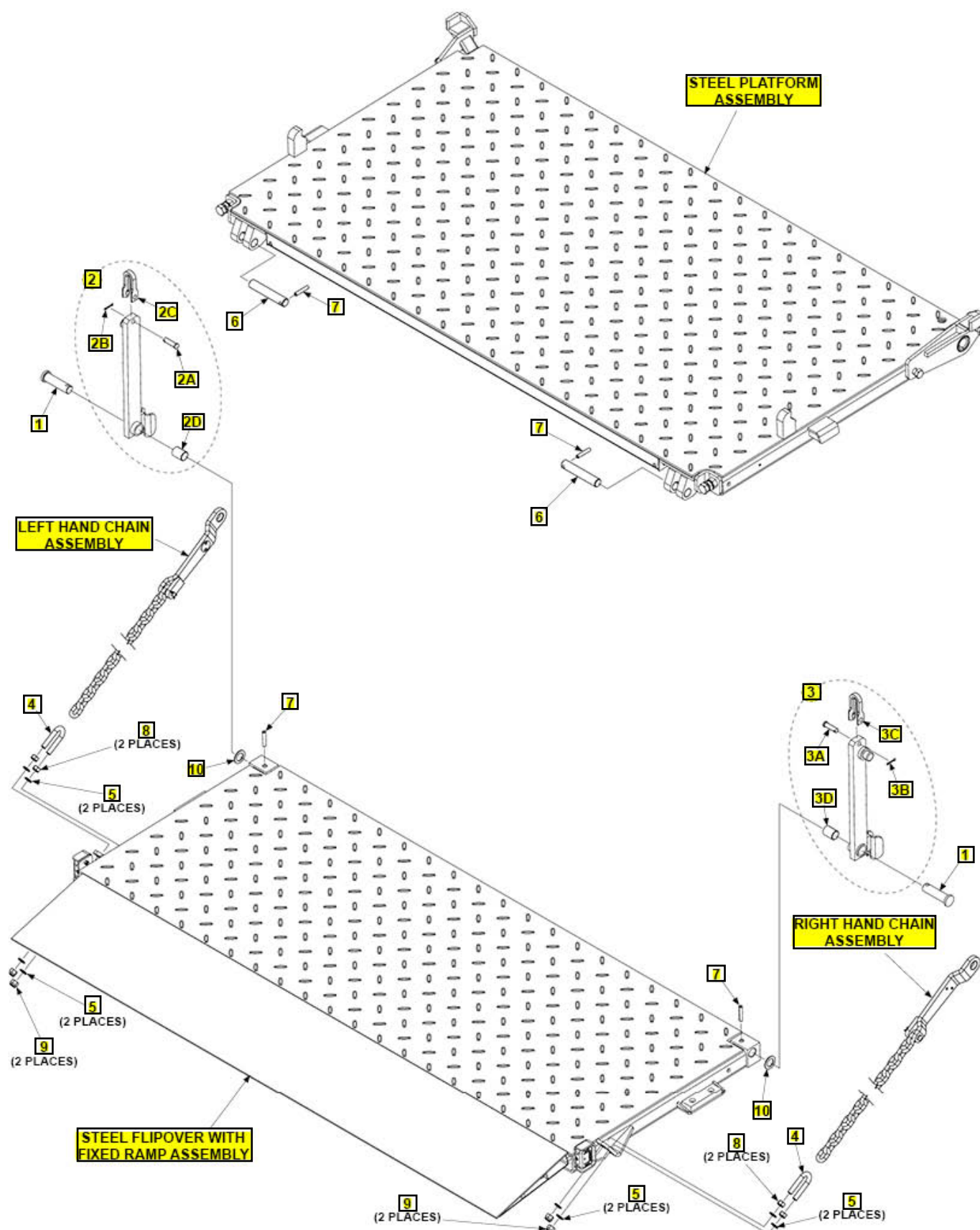
LAST UPDATED
OCT 2018 to present

CAUTION

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COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH FIXED RAMP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	298830-606G	P/F,F/O ASSY, ST80X36+24+12FIX,GALV,BMR	1	
REF	298830-607G	P/F,F/O ASSY, ST80X42+30+12FIX,GALV,BMR	1	
REF	298830-616G	P/F,F/O ASSY, ST85X36+24+12FIX,GALV,BMR	1	
REF	298830-617G	P/F,F/O ASSY, ST85X42+30+12FIX,GALV,BMR	1	
1	253528	PIN	2	
2	298172-07	OPENER ASSY BMR,36+24 P/F,LH	1	
2	298172-09	OPENER ASSY BMR,42+30 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
3	298172-08	OPENER ASSY BMR,36+24 P/F,RH	1	
3	298172-10	OPENER ASSY BMR,42+30 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
4	282854-01	U-BOLT	2	
5	902000-14	WASHER, FLAT .500X.063 THK	8	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	4	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-25	WASHER, FLAT	2	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH FIXED RAMP (STEEL)

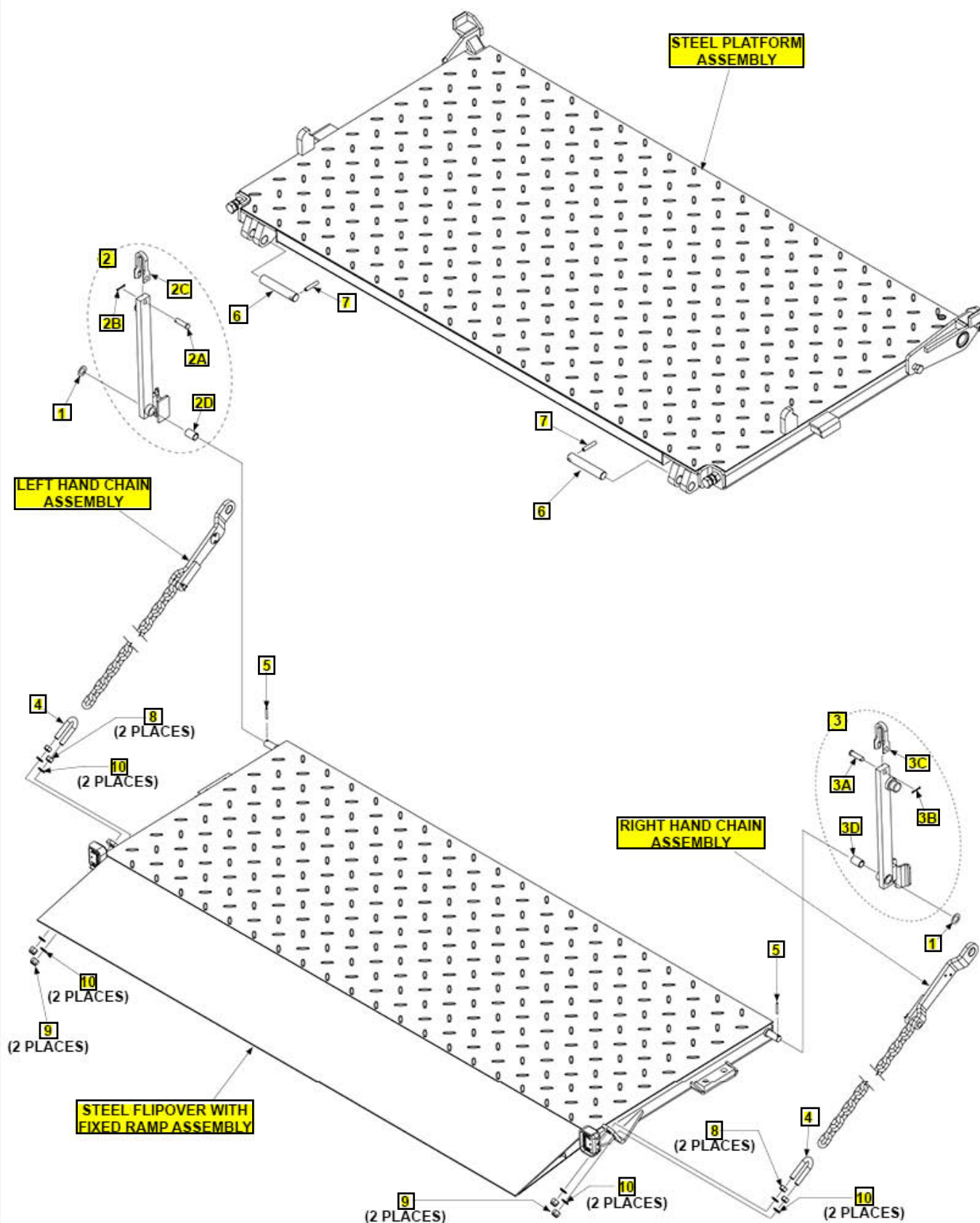
LAST UPDATED
OCT 2016 to Sept 2018

CAUTION

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COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH FIXED RAMP



Pos	SKU	Description	Qty	Remark
REF	288259-606G	P/F ASSY BMR66G,ST80X36+24+12	1	
REF	288259-607G	P/F ASSY BMR66G,ST80X42+30+12	1	
REF	288259-616G	PF ASSY BMRW66G,ST85X36+24+12	1	
REF	288259-617G	PF ASSY BMRW66G,ST85X42+30+12	1	
1	261685	WASHER, 1-1/4X3/4X.030 SS	2	
2	286880-07	OPENER ASSY BMRB,36+24 P/F,LH	1	
2	286880-09	OPENER ASSY BMRB,42+30 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
3	286880-08	OPENER ASSY BMRB,36+24 P/F,RH	1	
3	286880-10	OPENER ASSY BMRB,42+30 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
4	282854-01	U-BOLT	2	
5	905015-3	PIN ROLL .188 X 1.5 ZINC	2	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	2	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-14	WASHER, FLAT .500X.063 THK	8	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH CART STOP (STEEL)

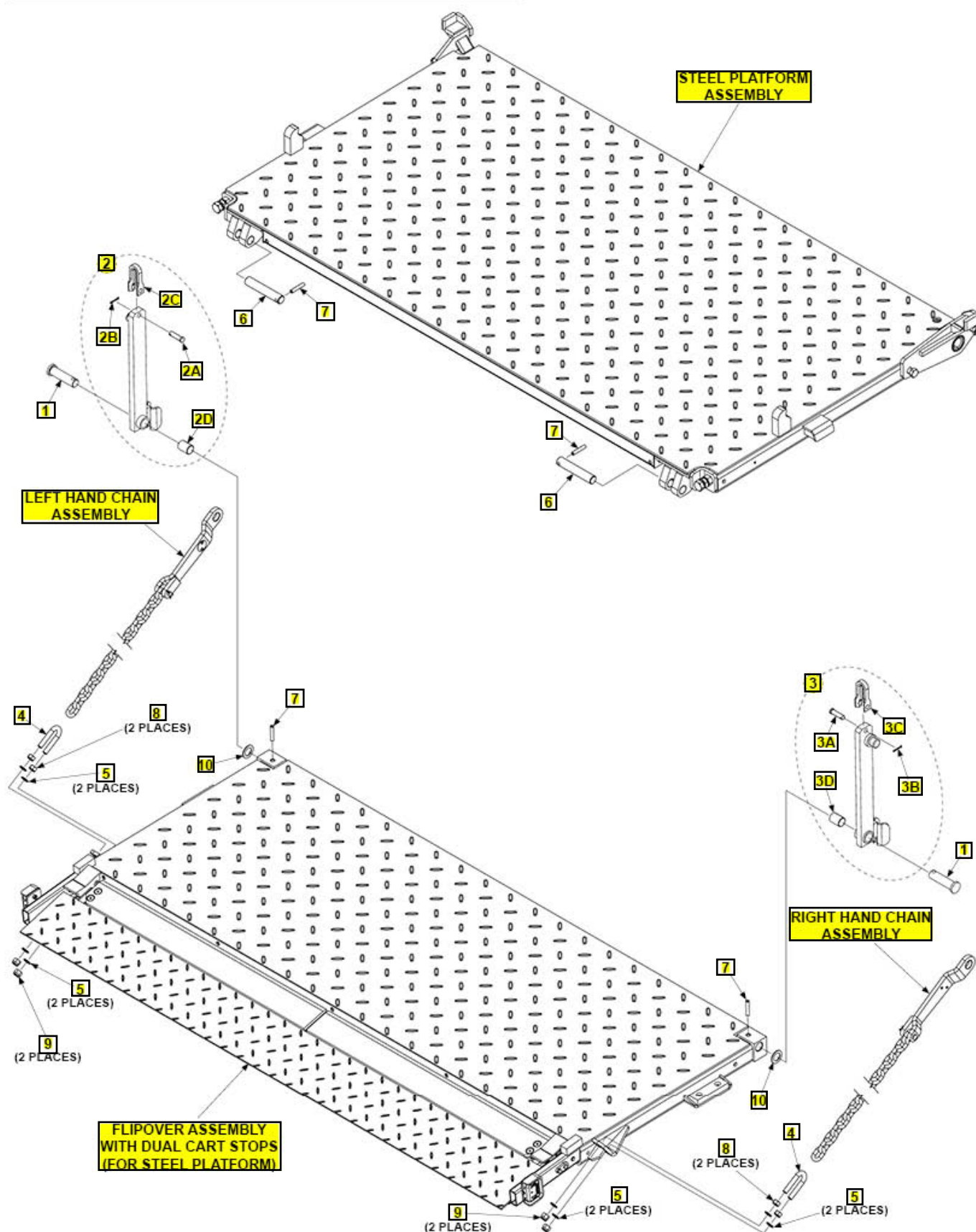
LAST UPDATED
OCT 2018 to present

CAUTION

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COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH CART STOP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	298880-6091G	P/F,F/O ASSY, ST80X36+24+12DCS,GALV,BMR	1	
REF	298880-609G	P/F,F/O ASSY, ST80X42+30+12DCS,GALV,BMR	1	
REF	298880-6191G	P/F,F/O ASSY, ST85X36+24+12DCS,GALV,BMR	1	
REF	298880-619G	P/F,F/O ASSY, ST85X42+30+12DCS,GALV,BMR	1	
1	253528	PIN	2	
2	298172-07	OPENER ASSY BMR,36+24 P/F,LH	1	
2	298172-09	OPENER ASSY BMR,42+30 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
3	298172-08	OPENER ASSY BMR,36+24 P/F,RH	1	
3	298172-10	OPENER ASSY BMR,42+30 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
4	282854-01	U-BOLT	2	
5	902000-14	WASHER, FLAT .500X.063 THK	8	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	4	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-25	WASHER, FLAT	2	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH CART STOP (STEEL)

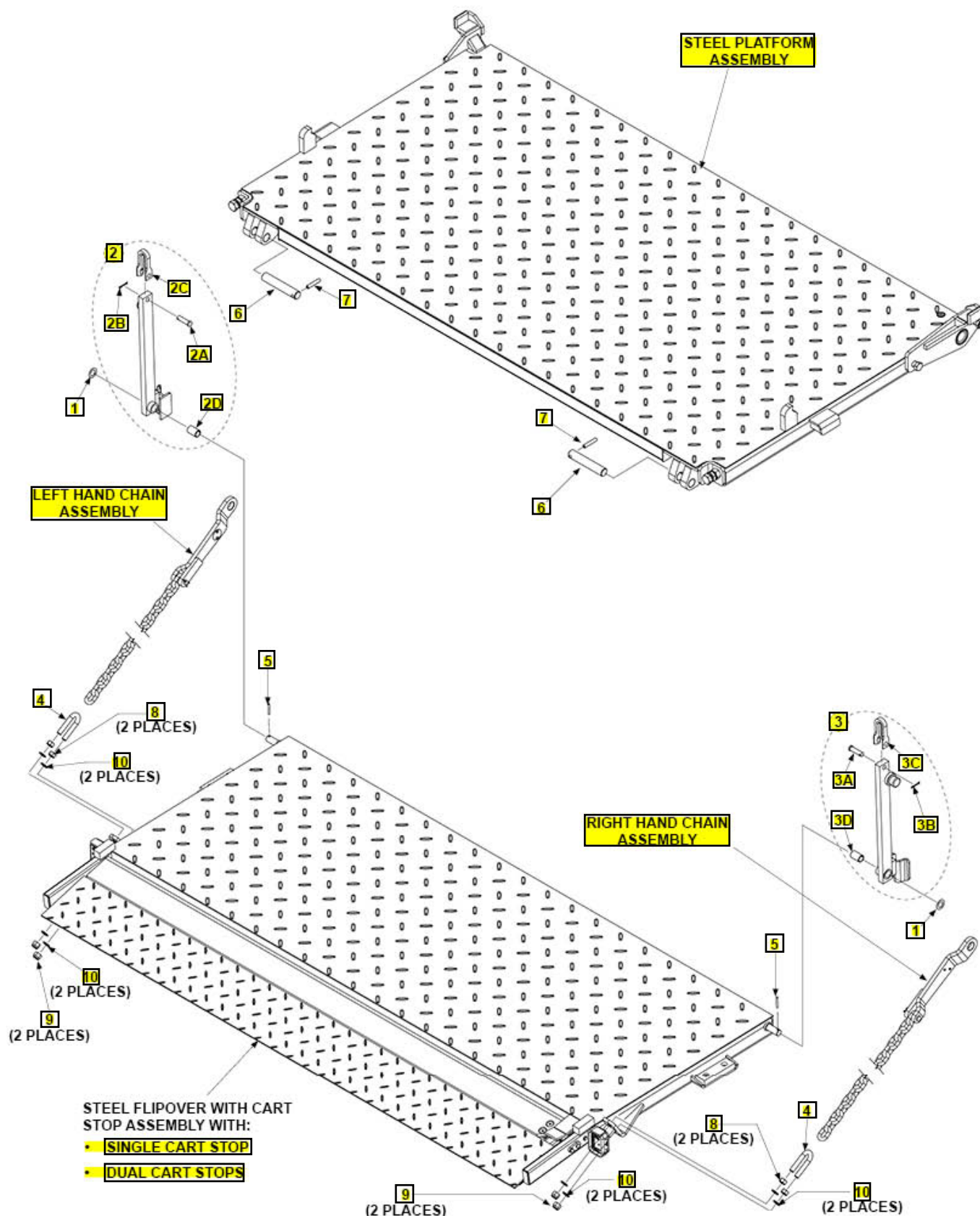
LAST UPDATED
OCT 2016 to Sept 2018

CAUTION

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COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH CART STOP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	288259-606G	P/F ASSY BMR66G,ST80X36+24+12	1	
REF	288259-607G	P/F ASSY BMR66G,ST80X42+30+12	1	
REF	288259-616G	PF ASSY BMRW66G,ST85X36+24+12	1	
REF	288259-617G	PF ASSY BMRW66G,ST85X42+30+12	1	
1	261685	WASHER, 1-1/4X3/4X.030 SS	2	
2	286880-07	OPENER ASSY BMRB,36+24 P/F,LH	1	
2	286880-09	OPENER ASSY BMRB,42+30 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
3	286880-08	OPENER ASSY BMRB,36+24 P/F,RH	1	
3	286880-10	OPENER ASSY BMRB,42+30 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
4	282854-01	U-BOLT	2	
5	905015-3	PIN ROLL .188 X 1.5 ZINC	2	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	2	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-14	WASHER, FLAT .500X.063 THK	8	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH AUTO CART STOP (STEEL)

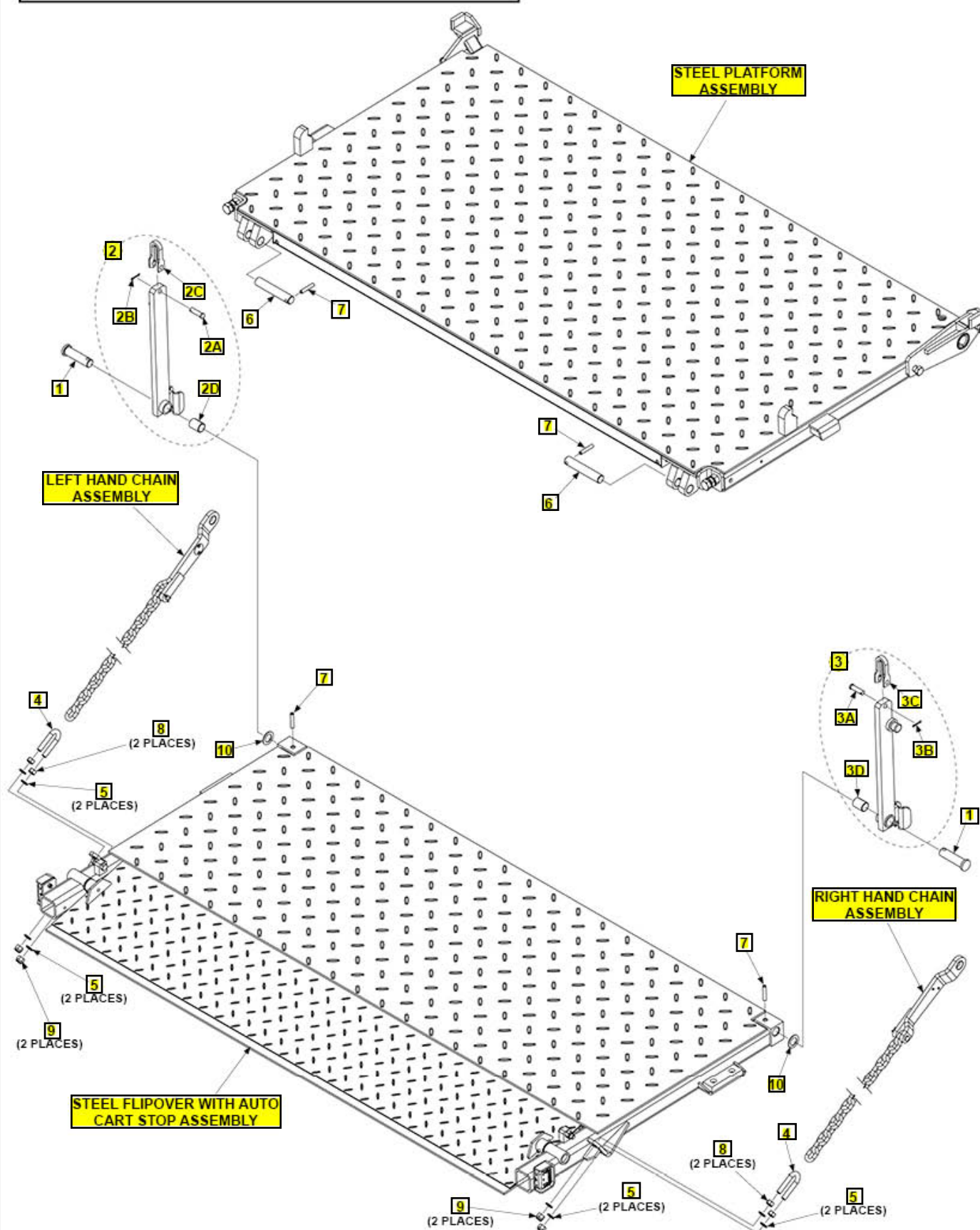
LAST UPDATED
OCT 2018 to present

CAUTION

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COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH AUTO CART STOP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	298850-607G	P/F,F/O ASSY, ST80X42+30+12ACS,GALV,BMR	1	
REF	298850-617G	P/F,F/O ASSY, ST85X42+30+12ACS,GALV,BMR	1	
1	253528	PIN	2	
2	298172-05	OPENER ASSY BMR,42+42 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
3	298172-06	OPENER ASSY BMR,42+42 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260916-02	BEARING SELF LUBE 1DIAX1.50IN	1	
4	282854-01	U-BOLT	2	
5	902000-14	WASHER, FLAT .500X.063 THK	8	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	4	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-25	WASHER, FLAT	2	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH AUTO CART STOP (STEEL)

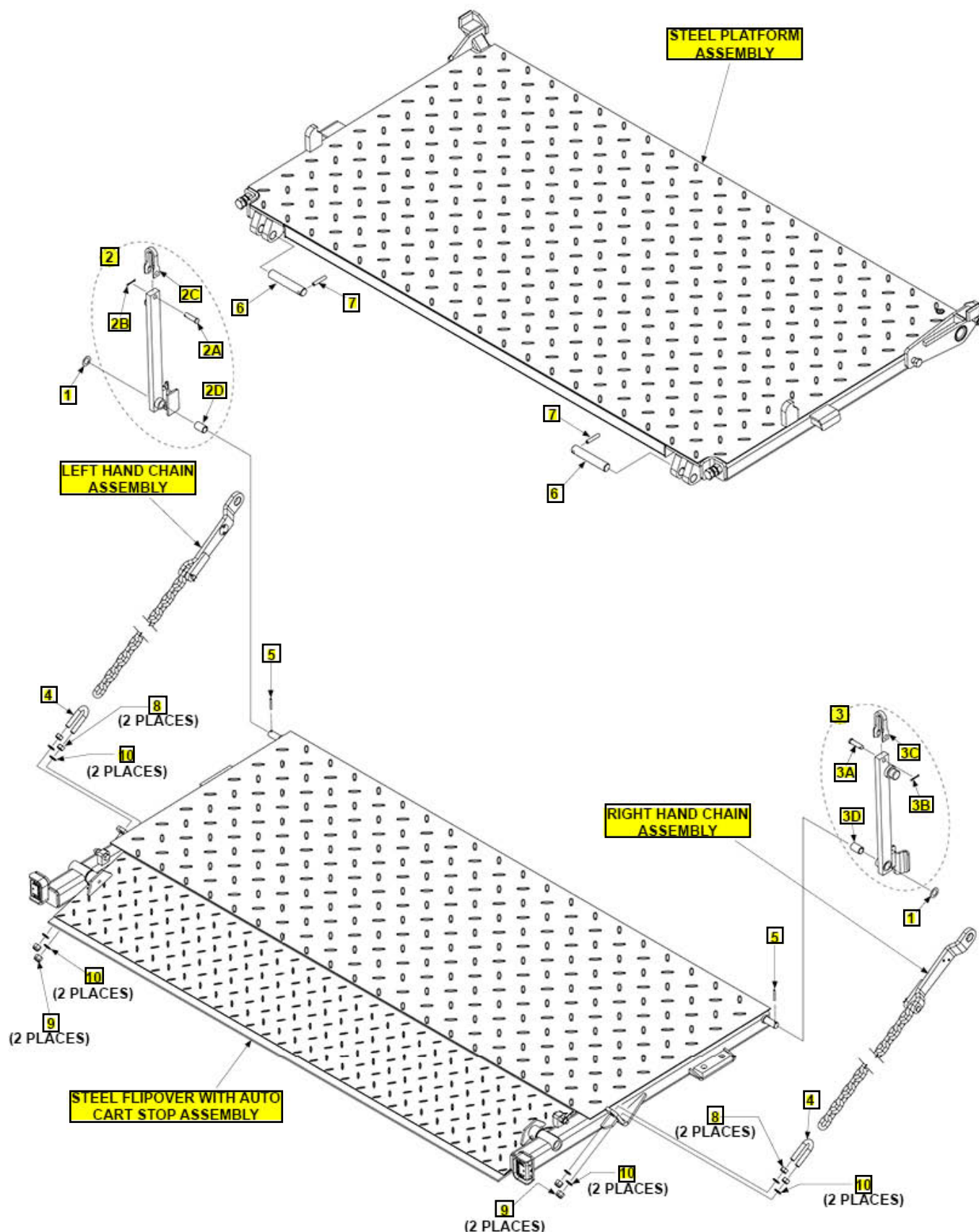
LAST UPDATED
OCT 2016 to Sept 2018

CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

COMPLETE ASSEMBLY:

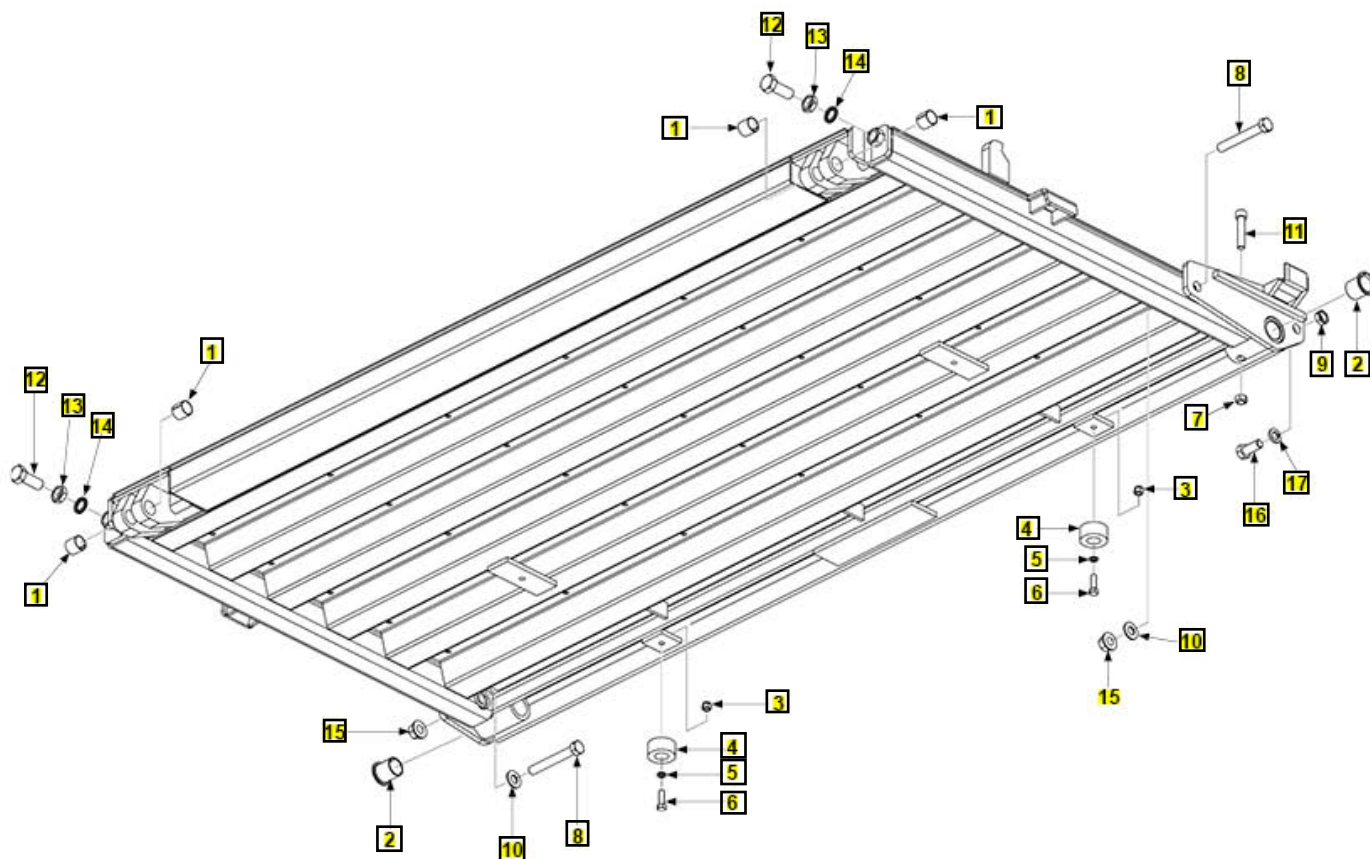
PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH AUTO CART STOP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	288750-601G	P/F ASSY BMR66G,ST80X(42+30+12)	1	
REF	288750-611G	P/F ASSY BMRW66G,ST85X(42+30+12)	1	
1	261685	WASHER, 1-1/4X3/4X.030 SS	2	
2	286880-09	OPENER ASSY BMRB,42+30 P/F,LH	1	
2A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
2B	030805	COTTER PIN 1/8 X 1"	1	
2C	280644-01	ANCHOR SHACKLE	1	
2D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
3	286880-10	OPENER ASSY BMRB,42+30 P/F,RH	1	
3A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
3B	030805	COTTER PIN 1/8 X 1"	1	
3C	280644-01	ANCHOR SHACKLE	1	
3D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
4	282854-01	U-BOLT	2	
5	905015-3	PIN ROLL .188 X 1.5 ZINC	2	
6	268068-03	PIN SST 1 X5.5 LG	2	
7	904717-06	PIN ROLL .38 X 2 ZINC	2	
8	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	902000-14	WASHER, FLAT .500X.063 THK	8	

PLATFORM ASSEMBLY (STEEL)

COMPLETE ASSEMBLY:

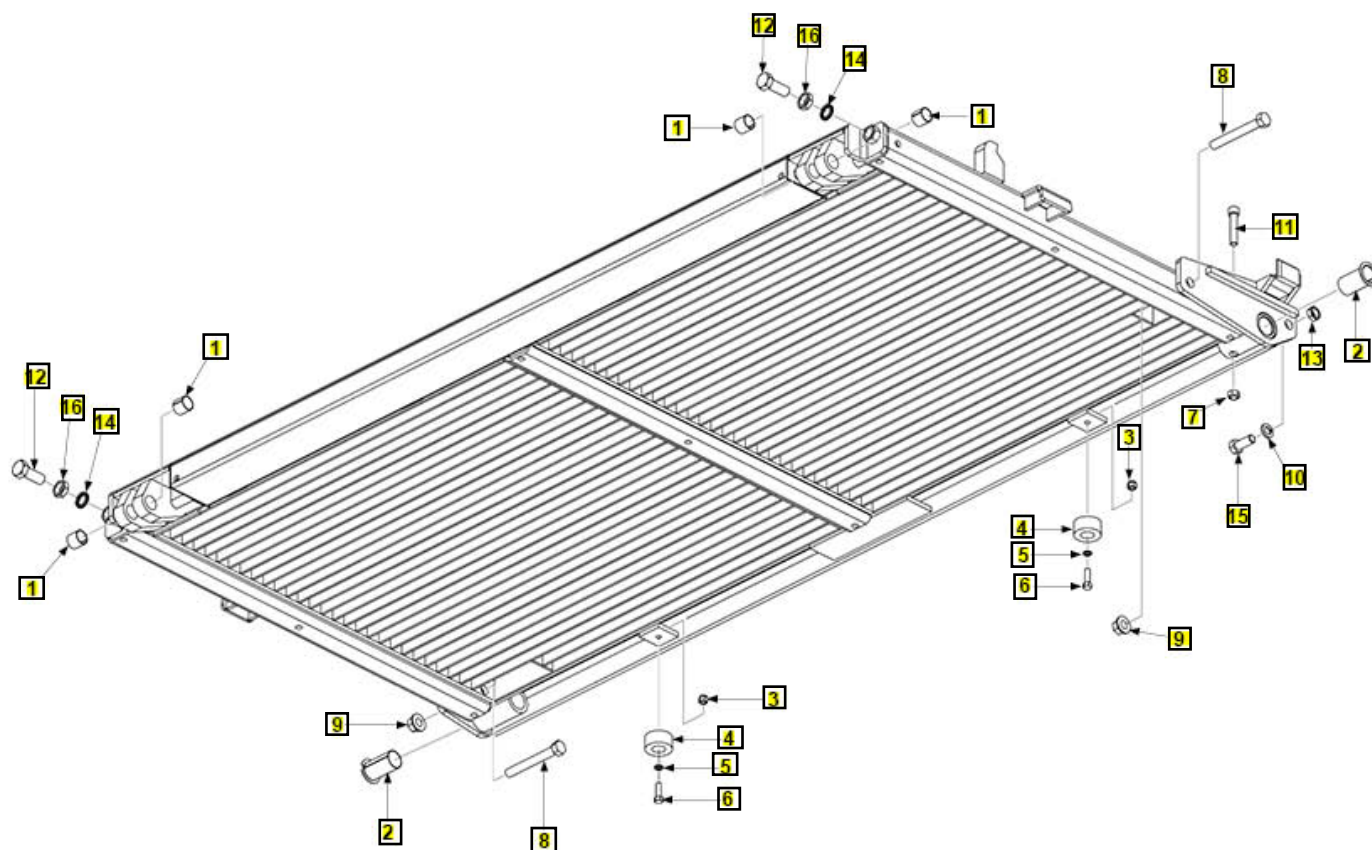
PLATFORM ASSEMBLY (STEEL)LAST UPDATED
OCT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	296055-601G	P/F ASSY BMR66G, ST80X30	1	
REF	296055-602G	P/F ASSY BMR66G, ST80X36	1	
REF	296055-603G	P/F ASSY BMR66G, ST80X42	1	
REF	296055-611G	P/F ASSY BMRW66G, ST85X30	1	
REF	296055-612G	P/F ASSY BMRW66G, ST85X36	1	
REF	296055-613G	P/F ASSY BMRW66G, ST85X42	1	
1	253657	BEARING SELF LUBE 1X1	4	
2	908007-05	BEARING, FLNGD 1.25SHFT, 1.5"LG	2	
3	901002	NUT, NYLON 3/8-16 ZINC	2	
4	253516	BUMPER, 2X1 RUBBER	2	
5	902000-10	WASHER, FLAT .375X.063 THK	2	
6	900014-5	SCREW,HEX CAP.38-16X1.25,G8,ZC	2	
7	040066	NUT, LOCK 1/2-13 ZC	1	
8	900055-14	SCREW,HEX HEAD.625-11UNC X4.5	2	
9	030331	NUT, JAM 5/8-11 ZINC	1	
10	903443-12	WASHER, SAE FLAT .63, ZC	2	
11	900036-11	SCREW SOCHD .5-13UNC-2A 2.50IN	1	
12	900038-7	SCREW, CAP 3/4-10X2 GR8 ZC	2	
13	030335	NUT, JAM 3/4-10 ZINC	2	
14	903435-10	WASHER,NORD- LOCK,.75/M18,ZC	2	
15	901023-04	FLANGE LOCK NUT,63-11,ZC	2	
16	900055-02	SCREW,HEX HEAD.625-11UNC X1.5	1	
17	902011-8	WASHER, LOCK .625, .156THK	1	

PLATFORM ASSEMBLY GRATING (STEEL)

COMPLETE ASSEMBLY:

PLATFORM ASSEMBLY GRATING (STEEL)

LAST UPDATED
OCT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	288970-601G	P/F ASSY BMRB66G,ST80X30	1	
REF	288970-602G	P/F ASSY BMRB66G,ST80X36	1	
REF	288970-603G	P/F ASSY BMRB66G,ST80X42	1	
REF	288970-611G	P/F ASSY BMRBW66G,ST85X30	1	
REF	288970-612G	P/F ASSY BMRBW66G,ST85X36	1	
REF	288970-613G	P/F ASSY BMRBW66G,ST85X42	1	
1	253657	BEARING SELF LUBE 1X1	4	
2	908007-05	BEARING, FLNGD 1.25SHFT, 1.5"LG	2	
3	901002	NUT, NYLON 3/8-16 ZINC	2	
4	253516	BUMPER, 2X1 RUBBER	2	
5	902000-10	WASHER, FLAT .375X.063 THK	2	
6	900014-5	SCREW,HEX CAP.38-16X1.25,G8,ZC	2	
7	040066	NUT, LOCK 1/2-13 ZC	1	
8	900055-16	SCREW,HEX HEAD.625-11UNC X5	2	
9	903136-05	FLANGE LOCK NUT, .63-11, PL	2	
10	902011-8	WASHER, LOCK .625, .156THK	1	
11	900036-11	SCREW SOCHD .5-13UNC-2A 2.50IN	1	
12	900038-7	SCREW, CAP 3/4-10X2 GR8 ZC	2	
13	030331	NUT, JAM 5/8-11 ZINC	1	
14	903435-10	WASHER,NORD- LOCK,.75/M18,ZC	2	
15	900055-02	SCREW,HEX HEAD.625-11UNC X1.5	1	
16	030335	NUT, JAM 3/4-10 ZINC	2	

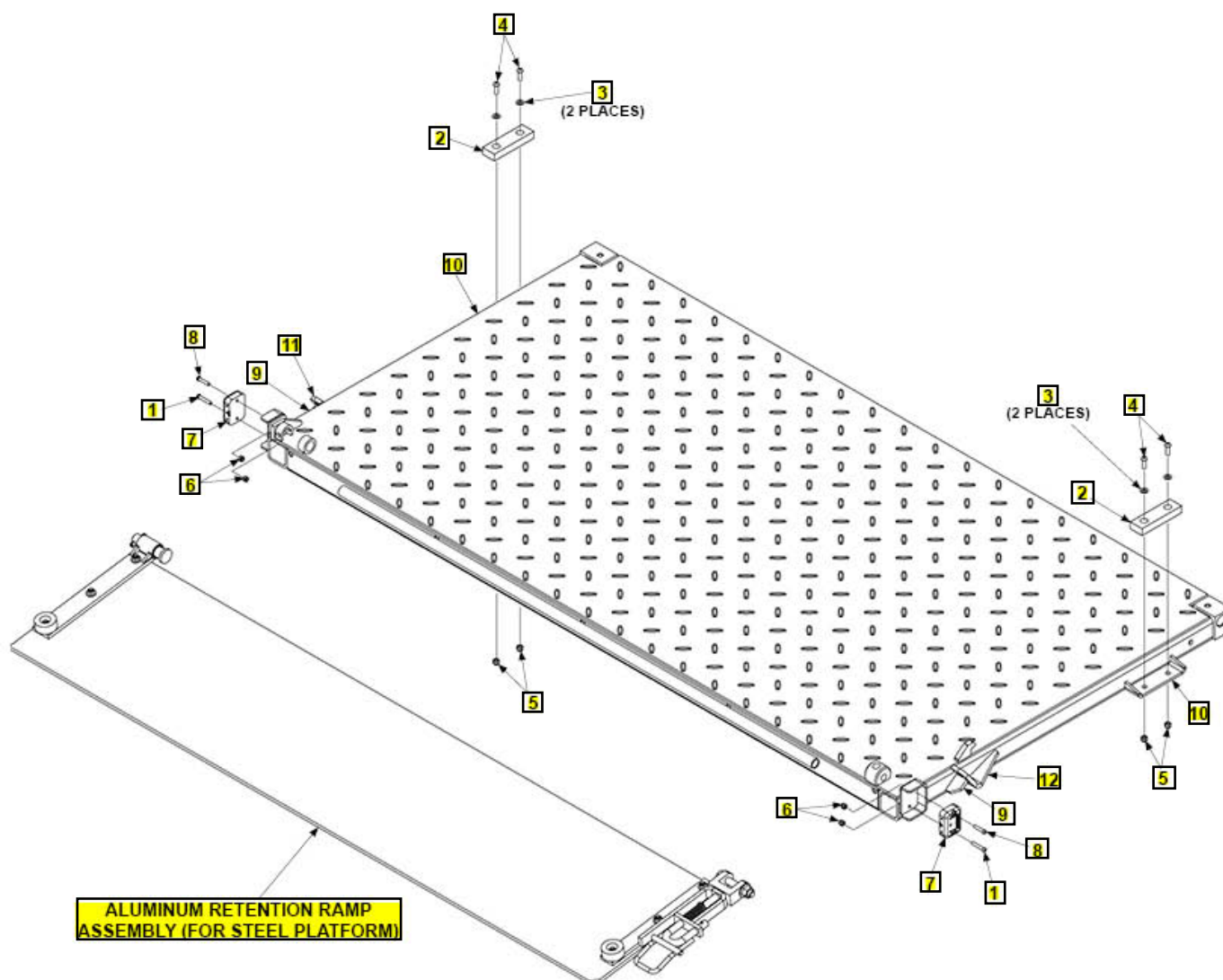
FLIPOVER WITH RETENTION RAMP (STEEL)

COMPLETE ASSEMBLY:

FLIPOVER WITH RETENTION RAMP (STEEL)

NOTE: Items 9, 10, 11, and 12 are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2018 to present



Pos	SKU	Description	Qty	Remark
REF	298170-601G	F/O ASSY, ST80X30+16ARR,GALV,BMR	1	
REF	298170-602G	F/O ASSY, ST80X36+16ARR,GALV,BMR	1	
REF	298170-603G	F/O ASSY, ST80X42+16ARR,GALV,BMR	1	
REF	298170-604G	F/O ASSY, ST80X24+16ARR,GALV,BMR	1	
REF	298170-611G	F/O ASSY, ST85X30+16ARR,GALV,BMR	1	
REF	298170-612G	F/O ASSY, ST85X36+16ARR,GALV,BMR	1	
REF	298170-613G	F/O ASSY, ST85X42+16ARR,GALV,BMR	1	
REF	298170-614G	F/O ASSY, ST85X24+16ARR,GALV,BMR	1	
1	900719-09	SCREW,BUTTON.25-20 X1.5 SS	2	
2	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
3	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
4	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
5	903106-10	NUT, NYL INSRT STOP.313 -18 SS	4	
6	903137-01	NUT, NYL INSRT STOP .25-20 SS	4	
7	907362-01	FLASHING SAFETY LIGHT	2	
8	900719-08	SCREW,BUTTON.25-20 X1.25 SS	2	
9	286837-01	SUPPORT GUSSET	2	
10	287579-01	BRACKET, BUMPER HOLDER	2	
11	298862-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
12	298862-02	BRACKET,U-BOLT HOLDER,RH F/O	1	

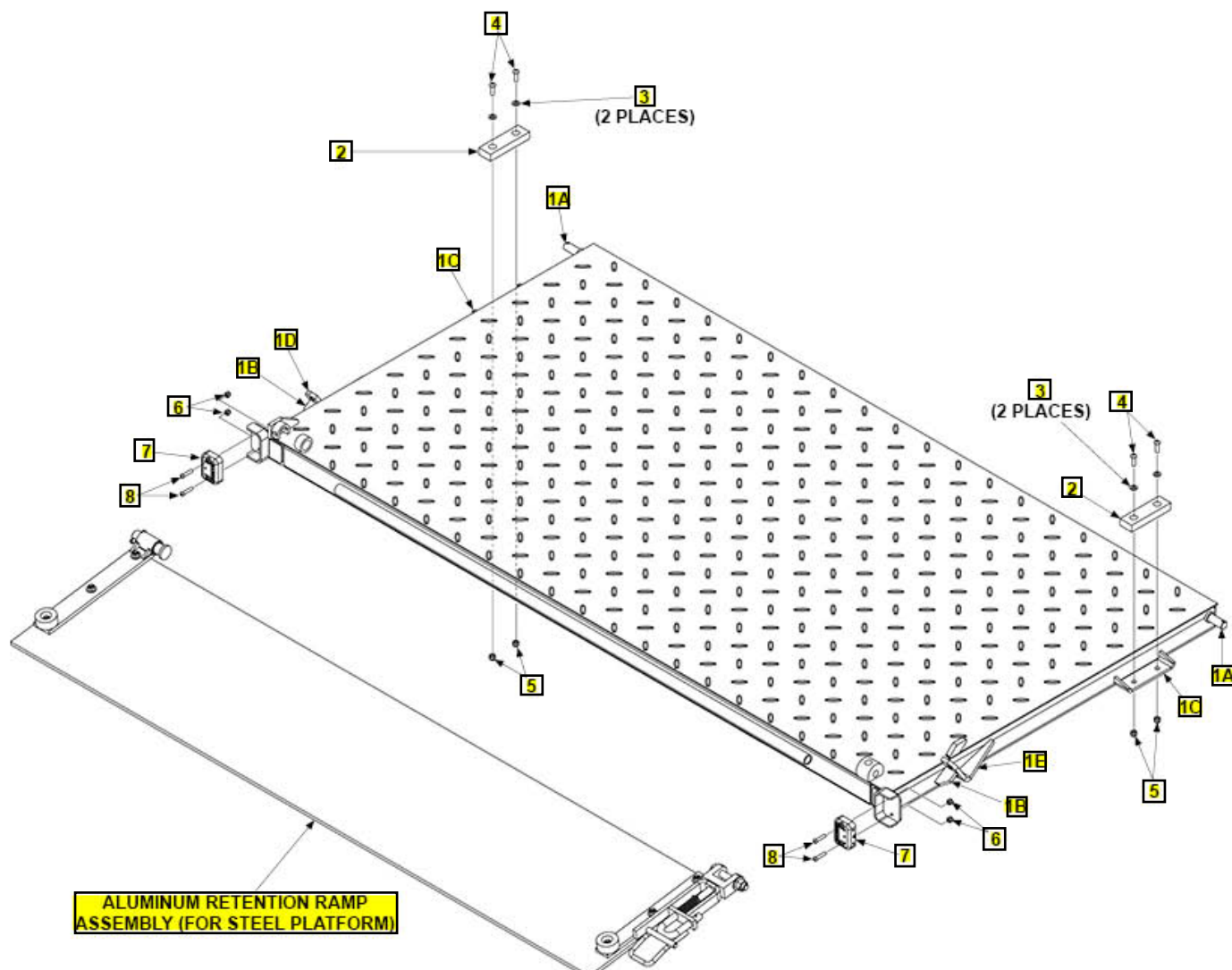
FLIPOVER WITH RETENTION RAMP (STEEL)

NOTE: Items 1A, 1B, 1C, 1D, and 1E are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

FLIPOVER WITH RETENTION RAMP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	296056-601G	F/O,ARR ASSY BMR66G, ST80X30	1	
REF	296056-602G	F/O,ARR ASSY BMR66G, ST80X36	1	
REF	296056-603G	F/O,ARR ASSY BMR66G, ST80X42	1	
REF	296056-604G	F/O,ARR ASSY BMR66G, ST80X24	1	
REF	296056-611G	F/O,ARR ASSY BMRW66G, ST85X30	1	
REF	296056-612G	F/O,ARR ASSY BMRW66G, ST85X36	1	
REF	296056-613G	F/O,ARR ASSY BMRW66G, ST85X42	1	
REF	296056-614G	F/O,ARR ASSY BMRW66G, ST85X24	1	
1A	280194	PIN CHAIN SUPPORT	2	
1B	286837-01	SUPPORT GUSSET	2	
1C	287579-01	BRACKET, BUMPER HOLDER	2	
1D	288944-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
1E	288944-02	BRACKET,U-BOLT HOLDER,RH F/O	1	
2	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
3	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
4	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
5	903106-10	NUT, NYL INSRT STOP.313 -18 SS	4	
6	903137-01	NUT, NYL INSRT STOP .25-20 SS	4	
7	907150-01	FLASHING SAFETY LIGHT	2	
8	900719-08	SCREW,BUTTON.25-20 X1.25 SS	4	

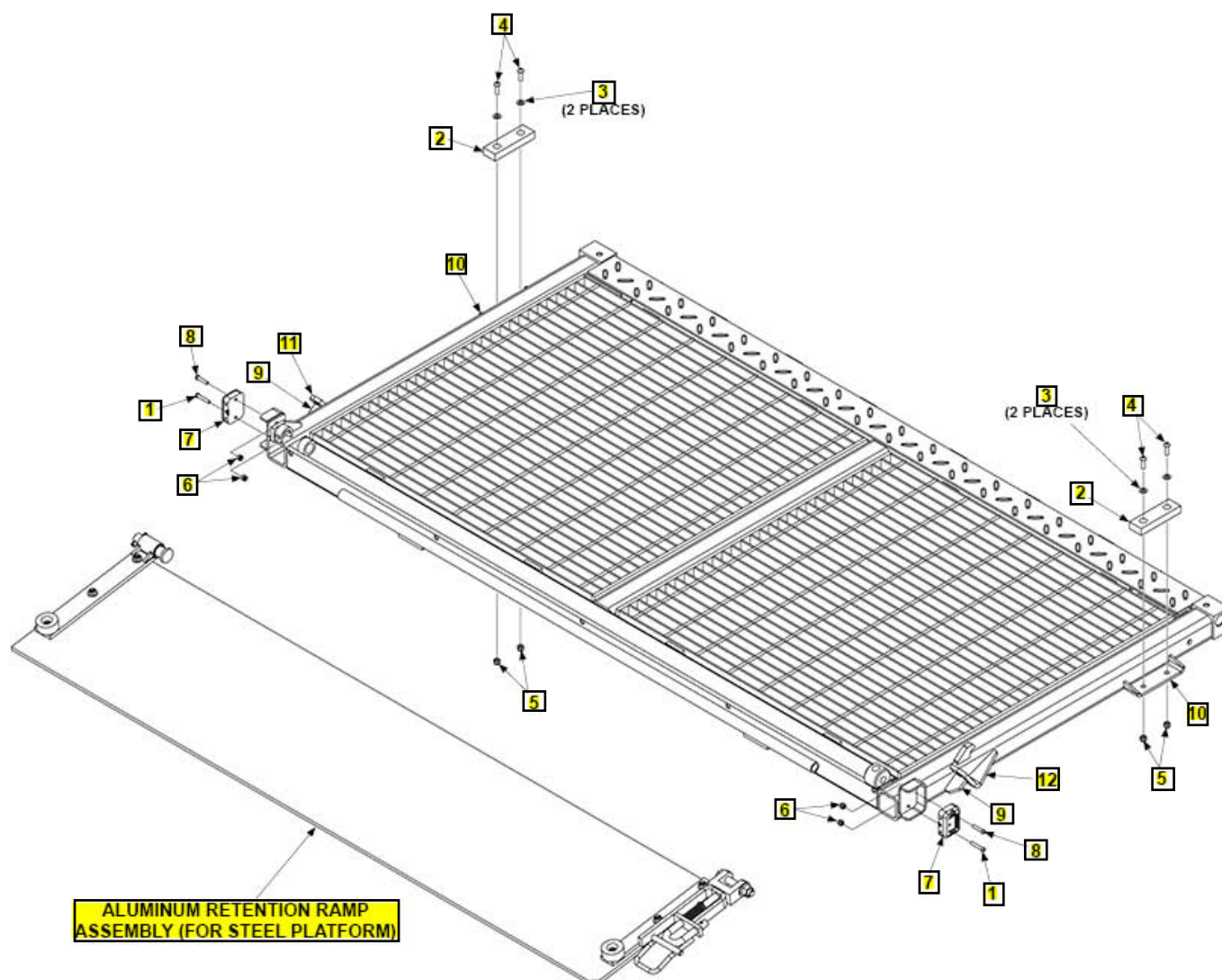
FLIPOVER WITH RETENTION RAMP (STEEL, GRATING)

COMPLETE ASSEMBLY:

FLIPOVER WITH RETENTION RAMP (STEEL, GRATING)

NOTE: Items 9, 10, 11, and 12 are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2018 to present



Pos	SKU	Description	Qty	Remark
REF	298815-601G	F/O ASSY, GR-ST80X30+16ARR,GALV,BMR	1	
REF	298815-602G	F/O ASSY, GR-ST80X36+16ARR,GALV,BMR	1	
REF	298815-603G	F/O ASSY, GR-ST80X42+16ARR,GALV,BMR	1	
REF	298815-604G	F/O ASSY, GR-ST80X24+16ARR,GALV,BMR	1	
REF	298815-611G	F/O ASSY, GR-ST85X30+16ARR,GALV,BMR	1	
REF	298815-612G	F/O ASSY, GR-ST85X36+16ARR,GALV,BMR	1	
REF	298815-613G	F/O ASSY, GR-ST85X42+16ARR,GALV,BMR	1	
REF	298815-614G	F/O ASSY, GR-ST85X24+16ARR,GALV,BMR	1	
1	900719-09	SCREW,BUTTON.25-20 X1.5 SS	2	
2	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
3	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
4	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
5	901001	NUT, NYLON 5/16-18 ZINC	4	
6	903137-01	NUT, NYL INSRT STOP .25-20 SS	4	
7	907362-01	FLASHING SAFETY LIGHT	2	
8	900719-08	SCREW,BUTTON.25-20 X1.25 SS	2	
9	286837-01	SUPPORT GUSSET	2	
10	287579-01	BRACKET, BUMPER HOLDER	2	
11	298862-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
12	298862-02	BRACKET,U-BOLT HOLDER,RH F/O	1	

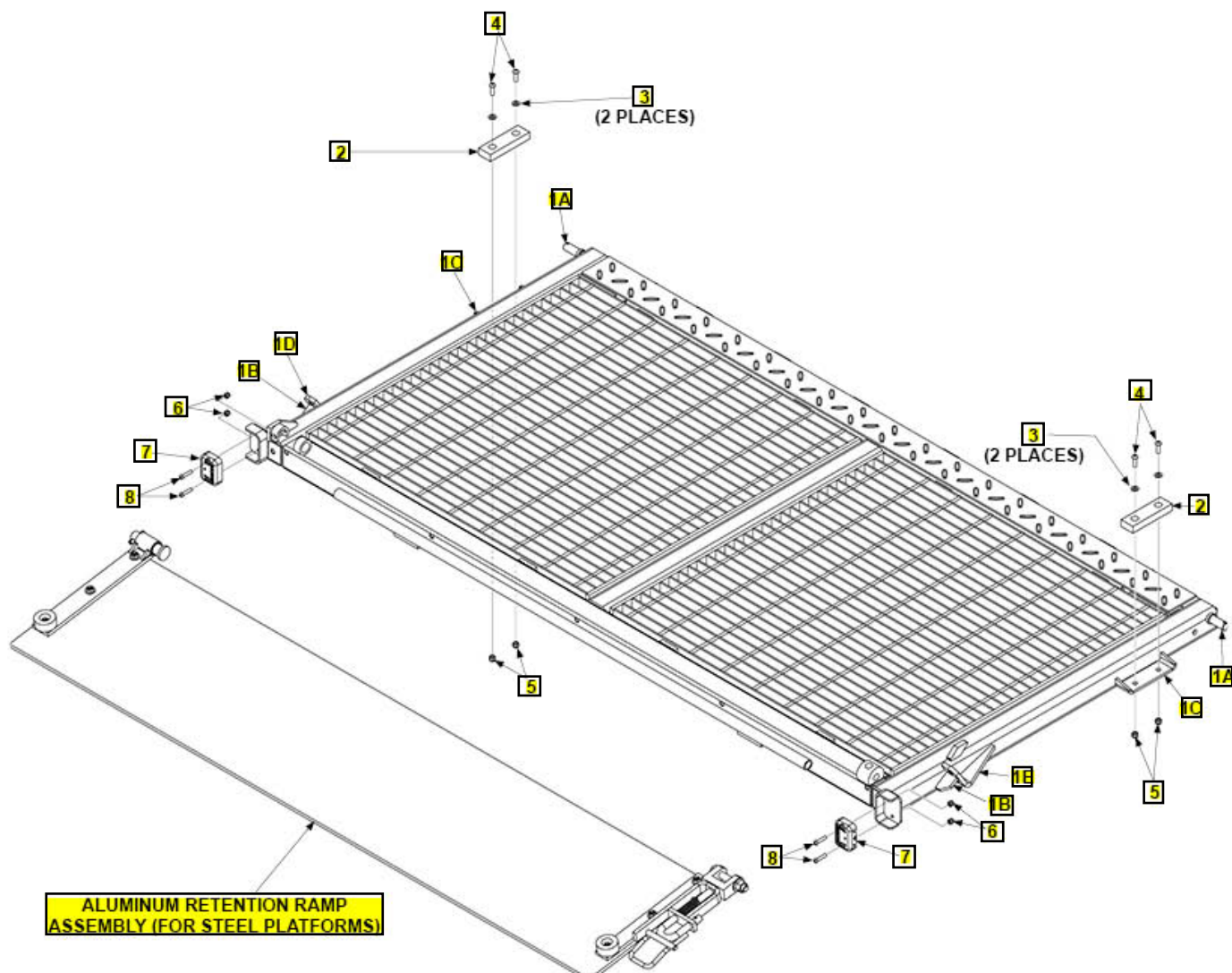
FLIPOVER WITH RETENTION RAMP (STEEL, GRATING)

NOTE: Items 1A, 1B, 1C, 1D, and 1E are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

FLIPOVER WITH RETENTION RAMP (STEEL, GRATING)



Pos	SKU	Description	Qty	Remark
REF	288961-601G	F/O,ARR ASSY BMRB66G,ST80X30	1	
REF	288961-602G	F/O,ARR ASSY BMRB66G,ST80X36	1	
REF	288961-603G	F/O,ARR ASSY BMRB66G,ST80X42	1	
REF	288961-604G	F/O,ARR ASSY BMRB66G,ST80X24	1	
REF	288961-611G	F/O,ARR ASSY BMRBW66G,ST85X30	1	
REF	288961-612G	F/O,ARR ASSY BMRBW66G,ST85X36	1	
REF	288961-613G	F/O,ARR ASSY BMRBW66G,ST85X42	1	
REF	288961-614G	F/O,ARR ASSY BMRBW66G,ST85X24	1	
1A	280194	PIN CHAIN SUPPORT	2	
1B	286837-01	SUPPORT GUSSET	2	
1C	287579-01	BRACKET, BUMPER HOLDER	2	
1D	288944-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
1E	288944-02	BRACKET,U-BOLT HOLDER,RH F/O	1	
2	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
3	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
4	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
5	901001	NUT, NYLON 5/16-18 ZINC	4	
6	903137-01	NUT, NYL INSRT STOP .25-20 SS	4	
7	907150-01	FLASHING SAFETY LIGHT	2	
8	900719-08	SCREW,BUTTON.25-20 X1.25 SS	4	

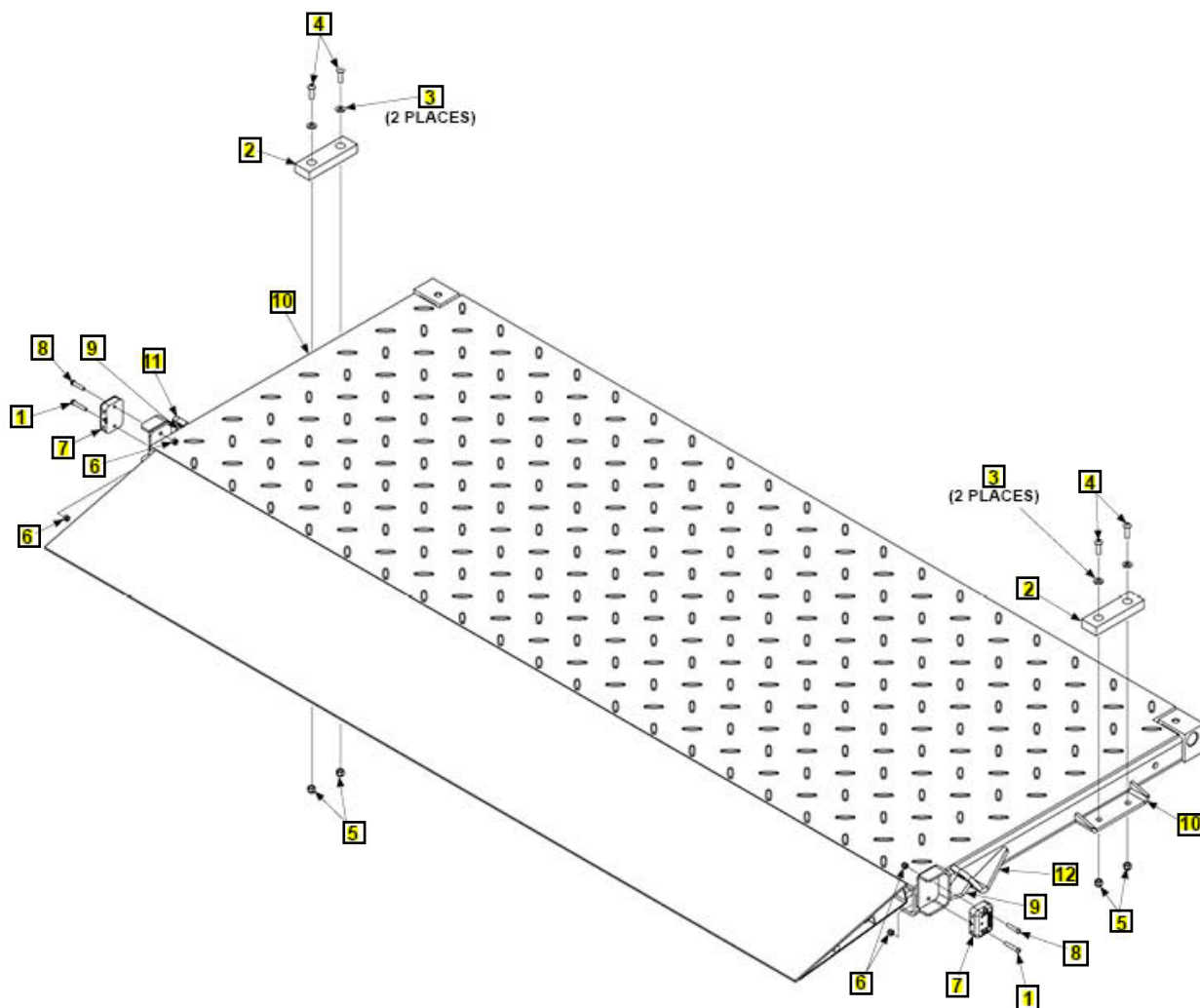
FLIPOVER WITH FIXED RAMP (STEEL)

COMPLETE ASSEMBLY:

FLIPOVER WITH FIXED RAMP (STEEL)

NOTE: Items 9, 10, 11, and 12 are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2018 to present



Pos	SKU	Description	Qty	Remark
REF	298833-606G	F/O ASSY, ST80X24+12FIX,GALV,BMR	1	
REF	298833-607G	F/O ASSY, ST80X30+12FIX,GALV,BMR	1	
REF	298833-616G	F/O ASSY, ST85X24+12FIX,GALV,BMR	1	
REF	298833-617G	F/O ASSY, ST85X30+12FIX,GALV,BMR	1	
1	900719-09	SCREW,BUTTON.25-20 X1.5 SS	2	
2	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
3	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
4	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
5	901001	NUT, NYLON 5/16-18 ZINC	4	
6	901000	NUT, NYLON 1/4-20 ZINC	4	
7	907362-01	FLASHING SAFETY LIGHT	2	
8	900719-08	SCREW,BUTTON.25-20 X1.25 SS	2	
9	286837-01	SUPPORT GUSSET	2	
10	287579-01	BRACKET, BUMPER HOLDER	2	
11	298862-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
12	298862-02	BRACKET,U-BOLT HOLDER,RH F/O	1	

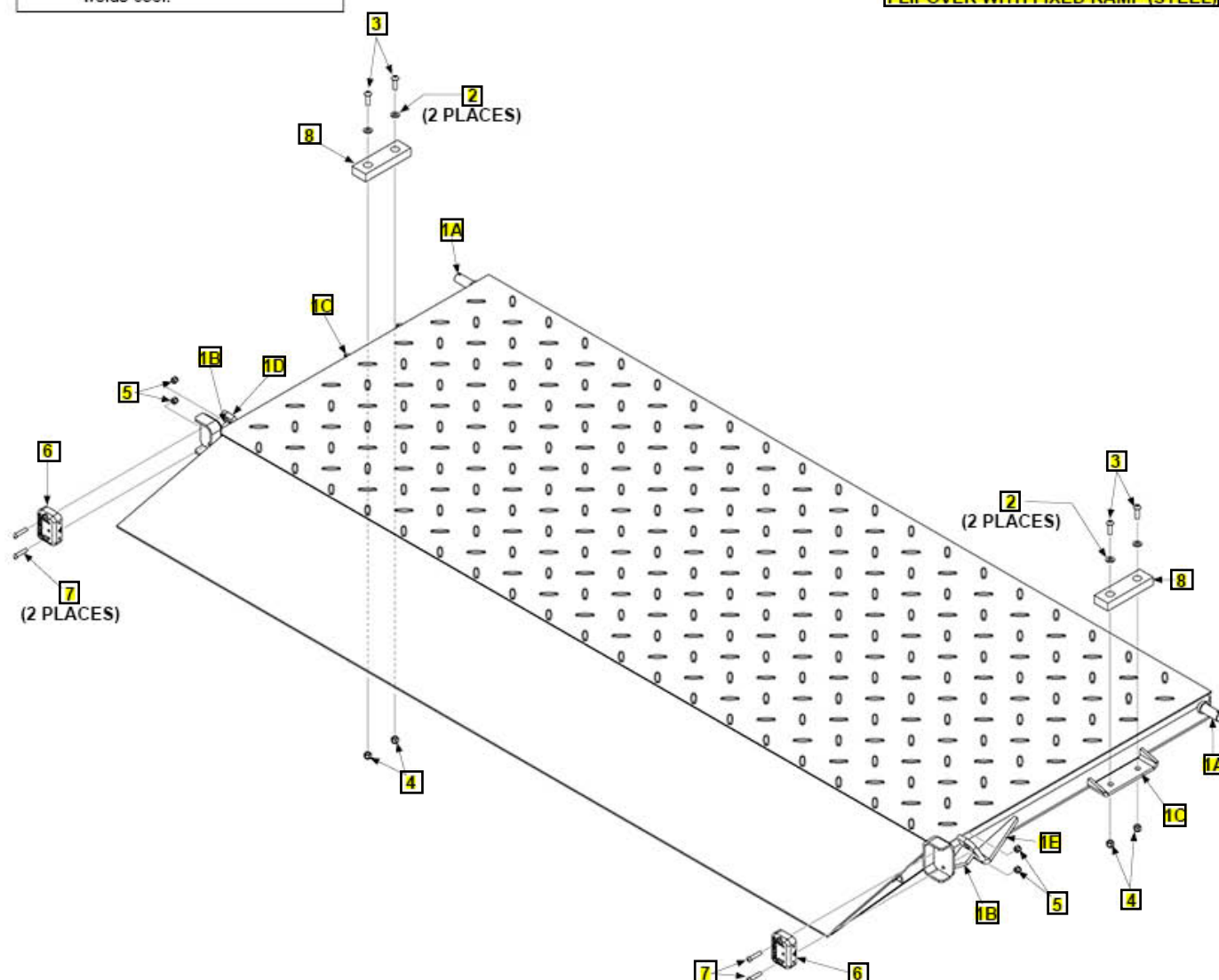
FLIPOVER WITH FIXED RAMP (STEEL)

NOTE: Items 1A, 1B, 1C, 1D, and 1E are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

FLIPOVER WITH FIXED RAMP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	296173-606G	F/O ASSY BMR66G, ST80X24+12FX	1	
REF	296173-607G	F/O ASSY BMR66G, ST80X30+12FX	1	
REF	296173-616G	F/O ASSY BMRW66G, ST85X24+12FX	1	
REF	296173-617G	F/O ASSY BMRW66G, ST85X30+12FX	1	
1A	280194	PIN CHAIN SUPPORT	2	
1B	286837-01	SUPPORT GUSSET	2	
1C	287579-01	BRACKET, BUMPER HOLDER	2	
1D	288944-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
1E	288944-02	BRACKET,U-BOLT HOLDER,RH F/O	1	
2	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
3	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
4	901001	NUT, NYLON 5/16-18 ZINC	4	
5	901000	NUT, NYLON 1/4-20 ZINC	4	
6	907150-01	FLASHING SAFETY LIGHT	2	
7	900719-08	SCREW,BUTTON.25-20 X1.25 SS	4	
8	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	

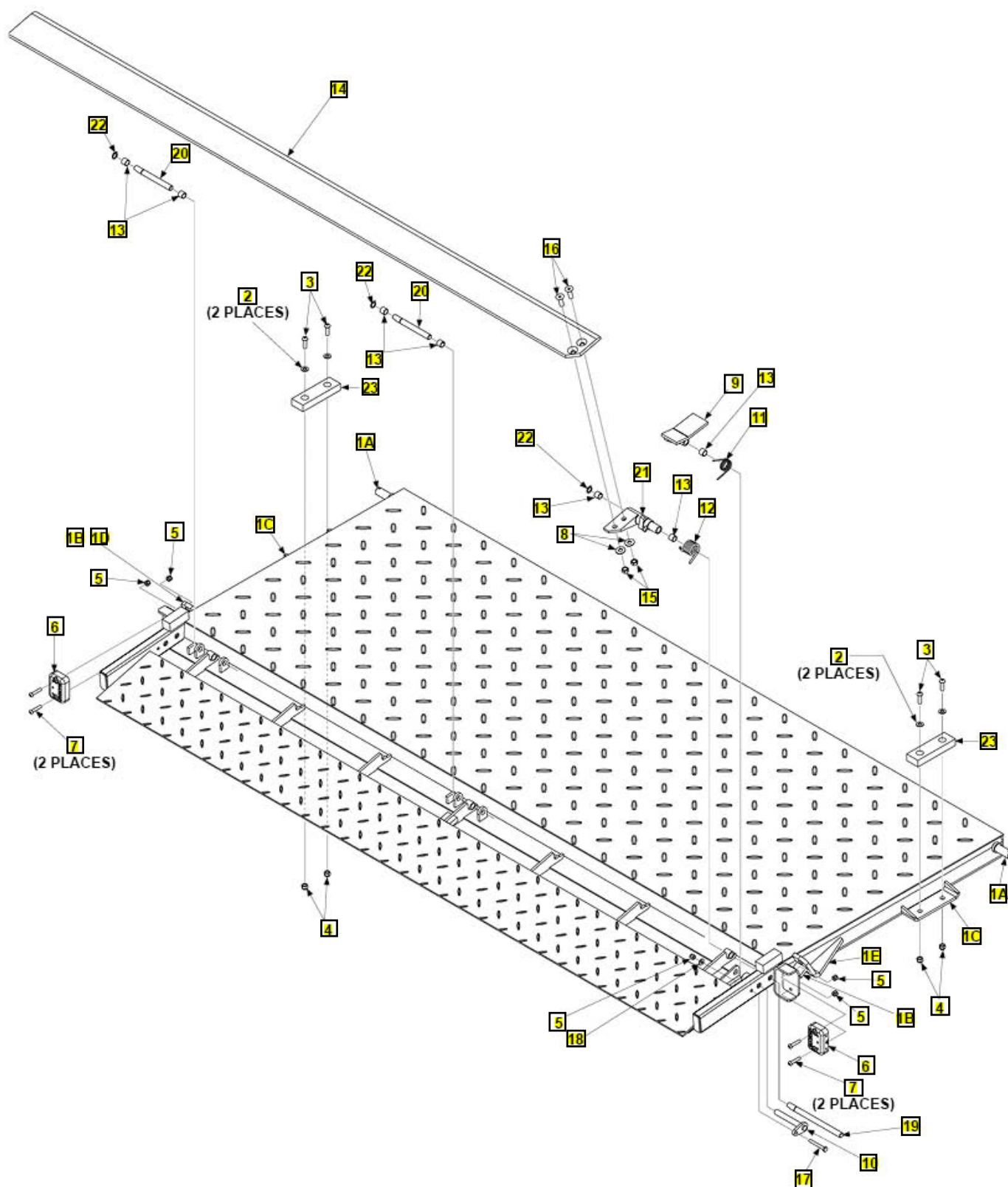
FLIPOVER WITH SINGLE CART STOP (STEEL)

NOTE: Items 1A, 1B, 1C, 1D, and 1E are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

FLIPOVER WITH SINGLE CART STOP (STEEL)



Pos	SKU	Description	Qty	Remark
REF	296621-01G	F/O ASSY BMRG66, 80X30+12, SCS	1	
REF	296621-02G	F/O ASSY BMRWG66, 85X30+12, SCS	1	
REF	296621-03G	F/O ASSY BMRG66, 80X24+12, SCS	1	
REF	296621-04G	F/O ASSY BMRG66, 85X24+12, SCS	1	
1A	280194	PIN CHAIN SUPPORT	2	
1B	286837-01	SUPPORT GUSSET	2	
1C	287579-01	BRACKET, BUMPER HOLDER	2	
1D	288944-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
1E	288944-02	BRACKET,U-BOLT HOLDER,RH F/O	1	
2	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
3	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
4	901001	NUT, NYLON 5/16-18 ZINC	4	
5	901000	NUT, NYLON 1/4-20 ZINC	5	
6	907150-01	FLASHING SAFETY LIGHT	2	
7	900719-08	SCREW,BUTTON.25-20 X1.25 SS	4	
8	902001-2	WASHER, FLAT 3/8X1/16 ZC	2	
9	260360	LOCKING HOOK, R/H, PAINTED	1	
10	261693	PIN LOCKING HOOK SUPPORT WLD'T	1	
11	252460	SPRING,TORSION.095X3.5LH,302SS		
12	202528-01	SPRING, TORSION, CART STOP, L/SIDE	1	
13	253542	BEARING SELF LUBE 1/2X1/2	7	
14	253850	C/STOP,3/8AL DIA PL WELD'T 80"	1	
15	030955	NUT, LOCK 3/8-16 GR.C ZINC	2	
16	900061-5	SCR FLH SOC .375-16 1.25LG SST	2	

Pos	SKU	Description	Qty	Remark
17	260558	BOLT, HEX 1/4-20X2 GR8 ZC	1	
18	902013-09	WASHER1/4"ZINC-SAME030564	1	
19	261496-02	PIN 7.1"LG	1	
20	261496-01	PIN 4.8"LG	2	
21	260321	LOCKING CAM R/H	1	
22	260930-01	RETAINING RING .50X.050 SS HD	3	
23	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	

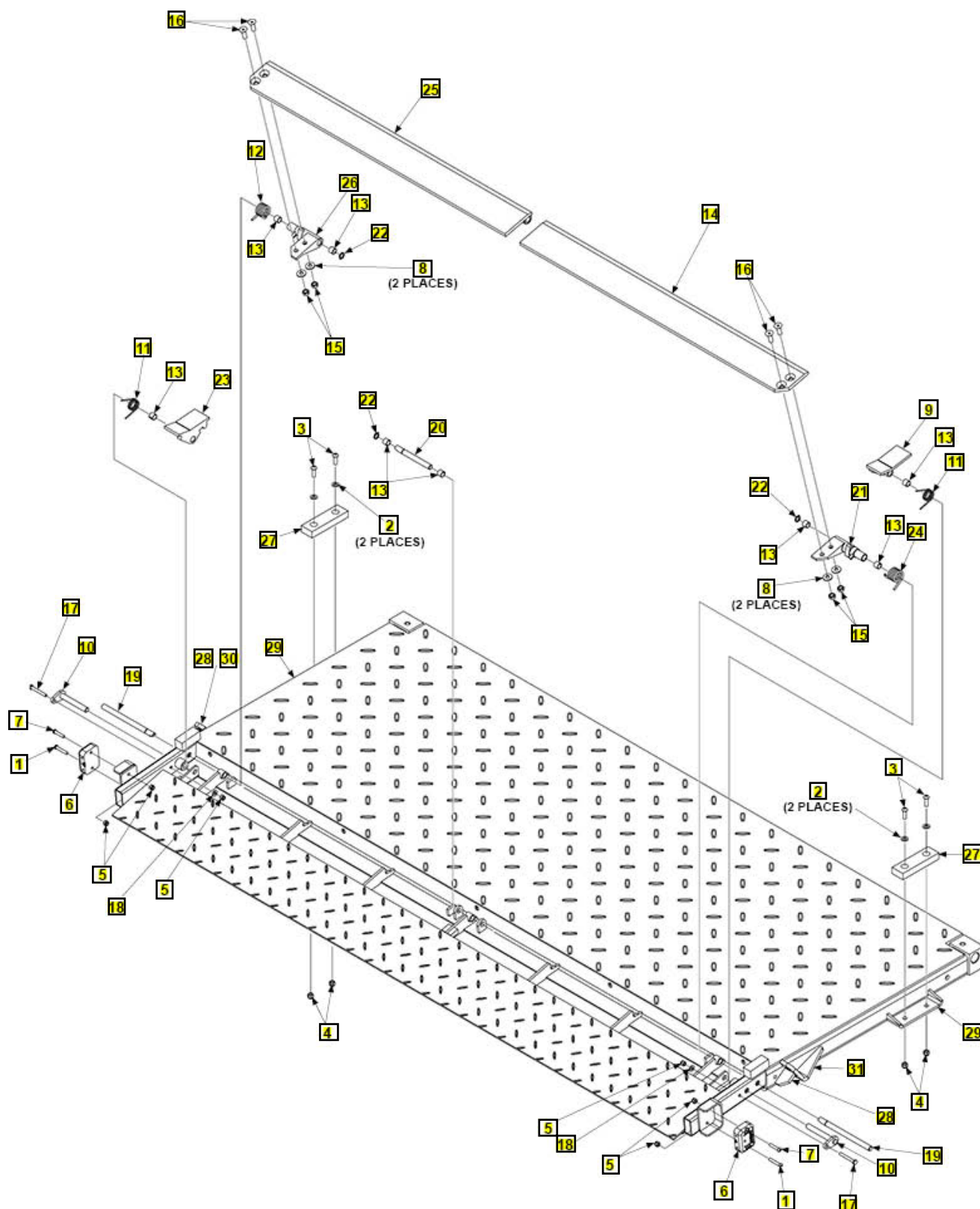
FLIPOVER WITH DUAL CART STOPS (STEEL)

COMPLETE ASSEMBLY:

FLIPOVER WITH DUAL CART STOPS (STEEL)

NOTE: Items 28, 29, 30, and 31 are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2018 to present



Pos	SKU	Description	Qty	Remark
REF	298874-01G	F/O ASSY, ST80X30+12DCS,GALV,BMR	1	
REF	298874-02G	F/O ASSY, ST85X30+12DCS,GALV,BMR	1	
REF	298874-03G	F/O ASSY, ST80X24+12DCS,GALV,BMR	1	
REF	298874-04G	F/O ASSY, ST85X24+12DCS,GALV,BMR	1	
1	900719-09	SCREW,BUTTON.25-20 X1.5 SS	2	
2	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
3	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
4	901001	NUT, NYLON 5/16-18 ZINC	4	
5	901000	NUT, NYLON 1/4-20 ZINC	6	
6	907362-01	FLASHING SAFETY LIGHT	2	
7	900719-08	SCREW,BUTTON.25-20 X1.25 SS	2	
8	902001-2	WASHER, FLAT 3/8X1/16 ZC	4	
9	260360	LOCKING HOOK, R/H, PAINTED	1	
10	261693	PIN LOCKING HOOK SUPPORT WLD'T	2	
11	252460	SPRING,TORSION.095X3.5LH,302SS	2	
12	202528-02	SPRING, TORSION, CART STOP, R/SIDE	1	
13	253542	BEARING SELF LUBE 1/2X1/2	8	
14	253896	CRT/ST,DUAL3/8AL,D/PL RH80"RMP	1	
15	030955	NUT, LOCK 3/8-16 GR.C ZINC	4	
16	900061-5	SCR FLH SOC .375-16 1.25LG SST	4	
17	260558	BOLT, HEX 1/4-20X2 GR8 ZC	2	
18	902013-09	WASHER1/4"ZINC- SAME030564	2	
19	261496-02	PIN 7.1"LG	2	
20	261496-01	PIN 4.8"LG	1	

Pos	SKU	Description	Qty	Remark
21	260321	LOCKING CAM R/H	1	
22	260930-01	RETAINING RING .50X.050 SS HD	3	
23	260360-01	LOCKING HOOK, L/H, PAINTED	1	
24	202528-01	SPRING, TORSION, CART STOP, L/SIDE	1	
25	253896-01	CRT/ST,DUAL3/8AL,D/PL LH80"RMP	1	
26	260321-01	LOCKING CAM L/H	1	
27	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
28	286837-01	SUPPORT GUSSET	2	
29	287579-01	BRACKET, BUMPER HOLDER	2	
30	298862-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
31	298862-02	BRACKET,U-BOLT HOLDER,RH F/O	1	

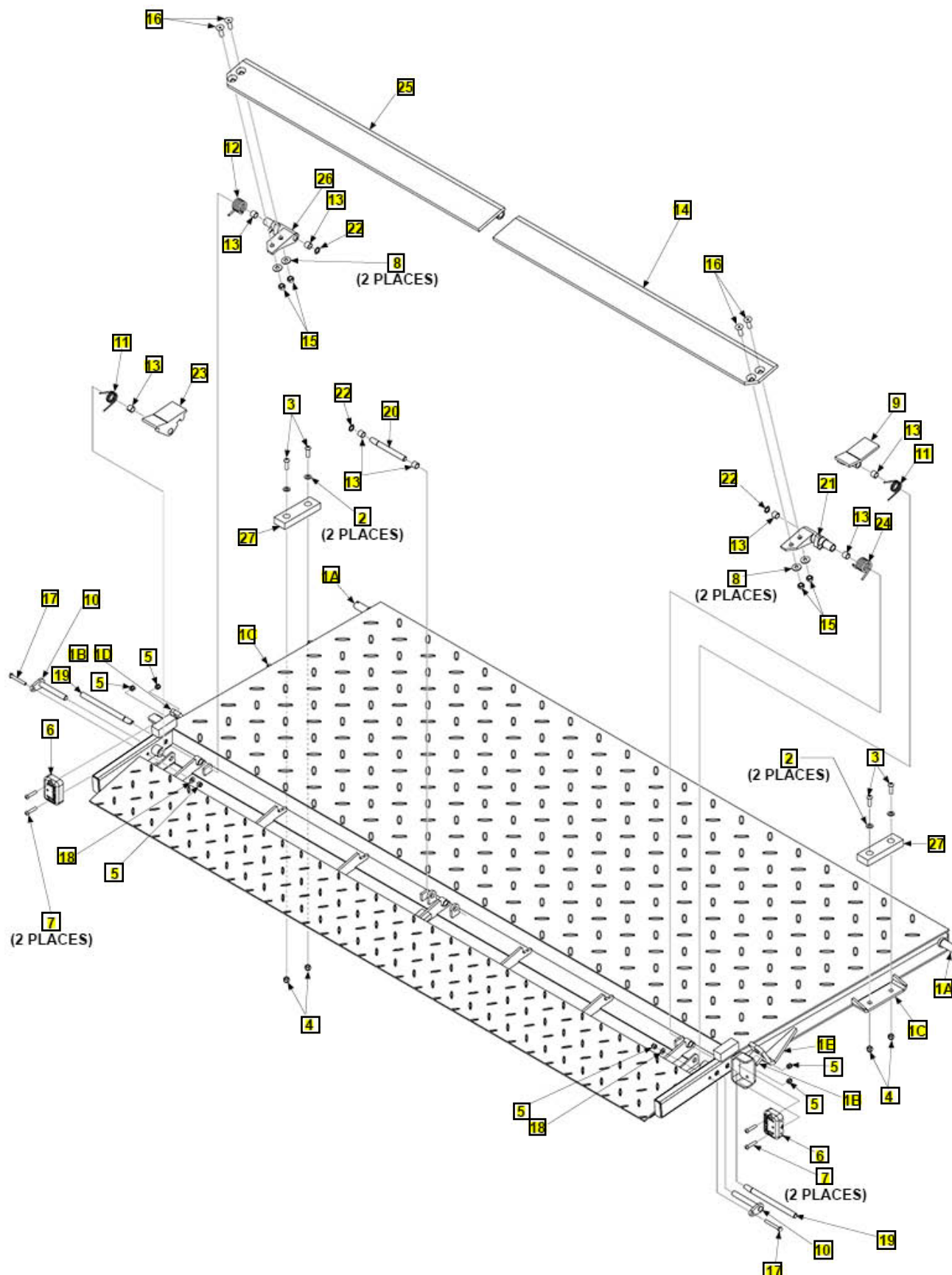
FLIPOVER WITH DUAL CART STOPS (STEEL)

NOTE: Items 1A, 1B, 1C, 1D, and 1E are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

FLIPOVER WITH DUAL CART STOPS (STEEL)



Pos	SKU	Description	Qty	Remark
REF	296622-01G	F/O ASSY, BMR66G, 80X30+12, DCS	1	
REF	296622-02G	F/O ASSY, BMRW66G, 85X30+12, DCS	1	
REF	296622-03G	F/O ASSY, BMR66G, 80X24+12, DCS	1	
REF	296622-04G	F/O ASSY, BMRW66G, 85X24+12, DCS	1	
1A	280194	PIN CHAIN SUPPORT	2	
1B	286837-01	SUPPORT GUSSET	2	
1C	287579-01	BRACKET, BUMPER HOLDER	2	
1D	288944-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
1E	288944-02	BRACKET,U-BOLT HOLDER,RH F/O	1	
2	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
3	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
4	901001	NUT, NYLON 5/16-18 ZINC	4	
5	901000	NUT, NYLON 1/4-20 ZINC	6	
6	907150-01	FLASHING SAFETY LIGHT	2	
7	900719-08	SCREW,BUTTON.25-20 X1.25 SS	4	
8	902001-2	WASHER, FLAT 3/8X1/16 ZC	4	
9	260360-01	LOCKING HOOK, L/H, PAINTED	1	
10	261693	PIN LOCKING HOOK SUPPORT WLD'T	2	
11	252460	SPRING,TORSION.095X3.5LH,302SS	30	
12	202528-02	SPRING, TORSION, CART STOP, R/SIDE	1	
13	253542	BEARING SELF LUBE 1/2X1/2	8	
14	253896	CRT/ST,DUAL3/8AL,D/PL RH80"RMP	1	
15	030955	NUT, LOCK 3/8-16 GR.C ZINC	4	
16	900061-5	SCR FLH SOC .375-16 1.25LG SST	4	

Pos	SKU	Description	Qty	Remark
17	260558	BOLT, HEX 1/4-20X2 GR8 ZC	2	
18	902013-09	WASHER1/4"ZINC-SAME030564	2	
19	261496-02	PIN 7.1"LG	2	
20	261496-01	PIN 4.8"LG	1	
21	260321	LOCKING CAM R/H	1	
22	260930-01	RETAINING RING .50X.050 SS HD	3	
23	260360	LOCKING HOOK, R/H, PAINTED	1	
24	202528-01	SPRING, TORSION, CART STOP, L/SIDE	1	
25	253896-01	CRT/ST,DUAL3/8AL,D/PL LH80"RMP	1	
26	260321-01	LOCKING CAM L/H	1	
27	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	

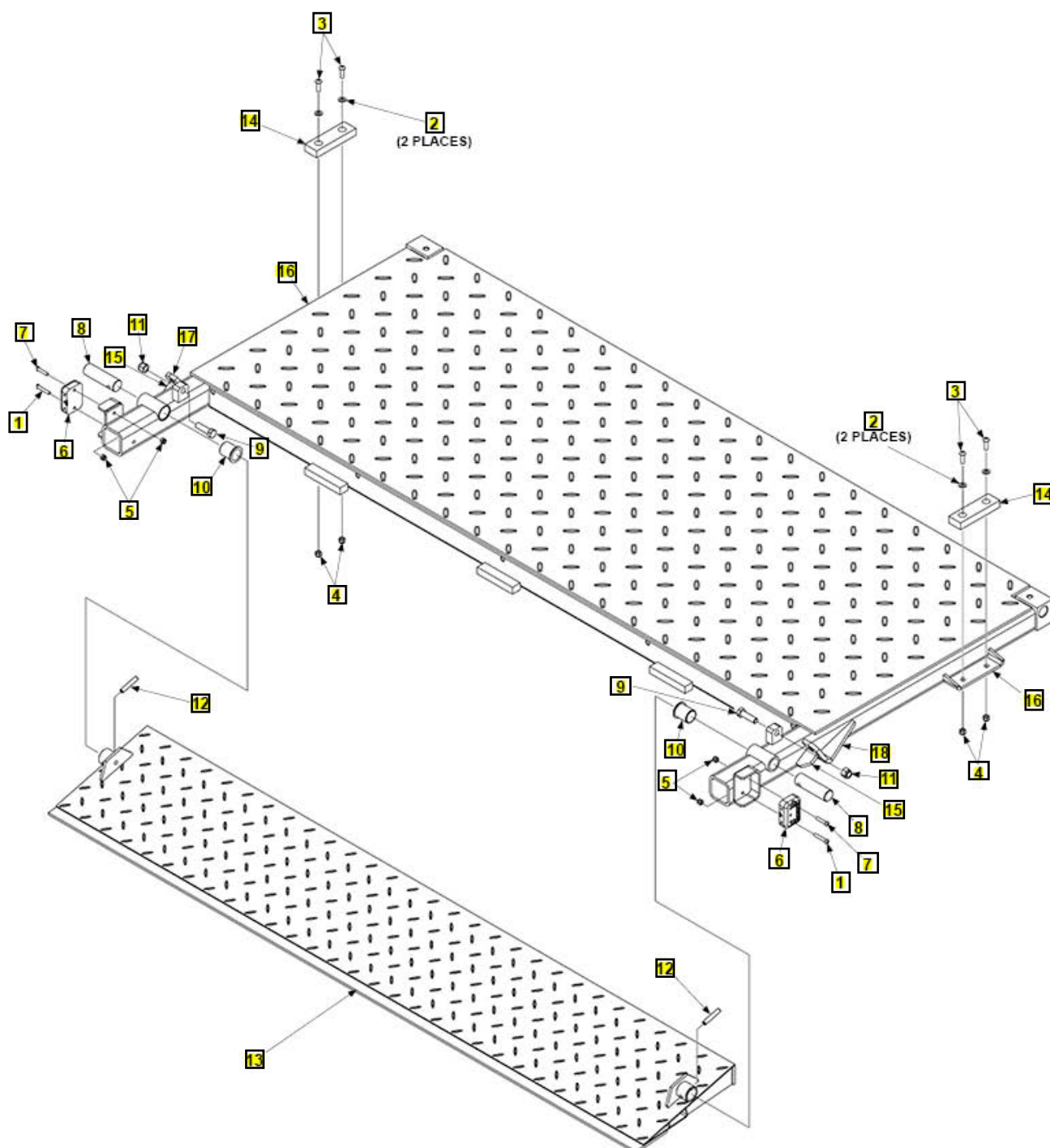
FLIPOVER WITH AUTO CART STOP (STEEL)

COMPLETE ASSEMBLY:

FLIPOVER WITH AUTO CART STOPS (STEEL)

NOTE: Items 15, 16, 17, and 18 are not galvanized or painted. Apply cold galvanize spray after welds cool.

LAST UPDATED
OCT 2018 to present



Pos	SKU	Description	Qty	Remark
REF	298853-01G	F/O ASSY, ST80X30+12ACS,GALV,BMR	1	
REF	298853-02G	F/O ASSY, ST85X30+12ACS,GALV,BMR	1	
1	900719-09	SCREW,BUTTON.25-20 X1.5 SS	2	
2	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
3	900001-3	SCREW, BUT 5/16-18X1 ALLOY	4	
4	901001	NUT, NYLON 5/16-18 ZINC	4	
5	901000	NUT, NYLON 1/4-20 ZINC	4	
6	907150-01	FLASHING SAFETY LIGHT	2	
7	900719-08	SCREW,BUTTON.25-20 X1.25 SS	2	
8	281369-02	PIN 1.13 DIA X 3.82" LG,C/STOP	2	
9	900734-07	SCREW,HXHD.5-13X1.75,UNC-2A,SS	2	
10	261837-12	BUSHING,FLNG, PLST 1.121DX1.50	2	
11	903117-01	NUT,NYLON.5-13 UNC-2B SS	2	
12	904717-06	PIN ROLL .38 X 2 ZINC	2	
13	288752-11G	RAMP WLDMT, C/S 12X74.75,GALV	1	
13	288752-12G	RAMP WLDMT, C/S 12X79.75,GALV	1	
14	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
15	286837-01	SUPPORT GUSSET	2	
16	287579-01	BRACKET, BUMPER HOLDER	2	
17	298862-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
18	298862-02	BRACKET,U-BOLT HOLDER,RH F/O	1	

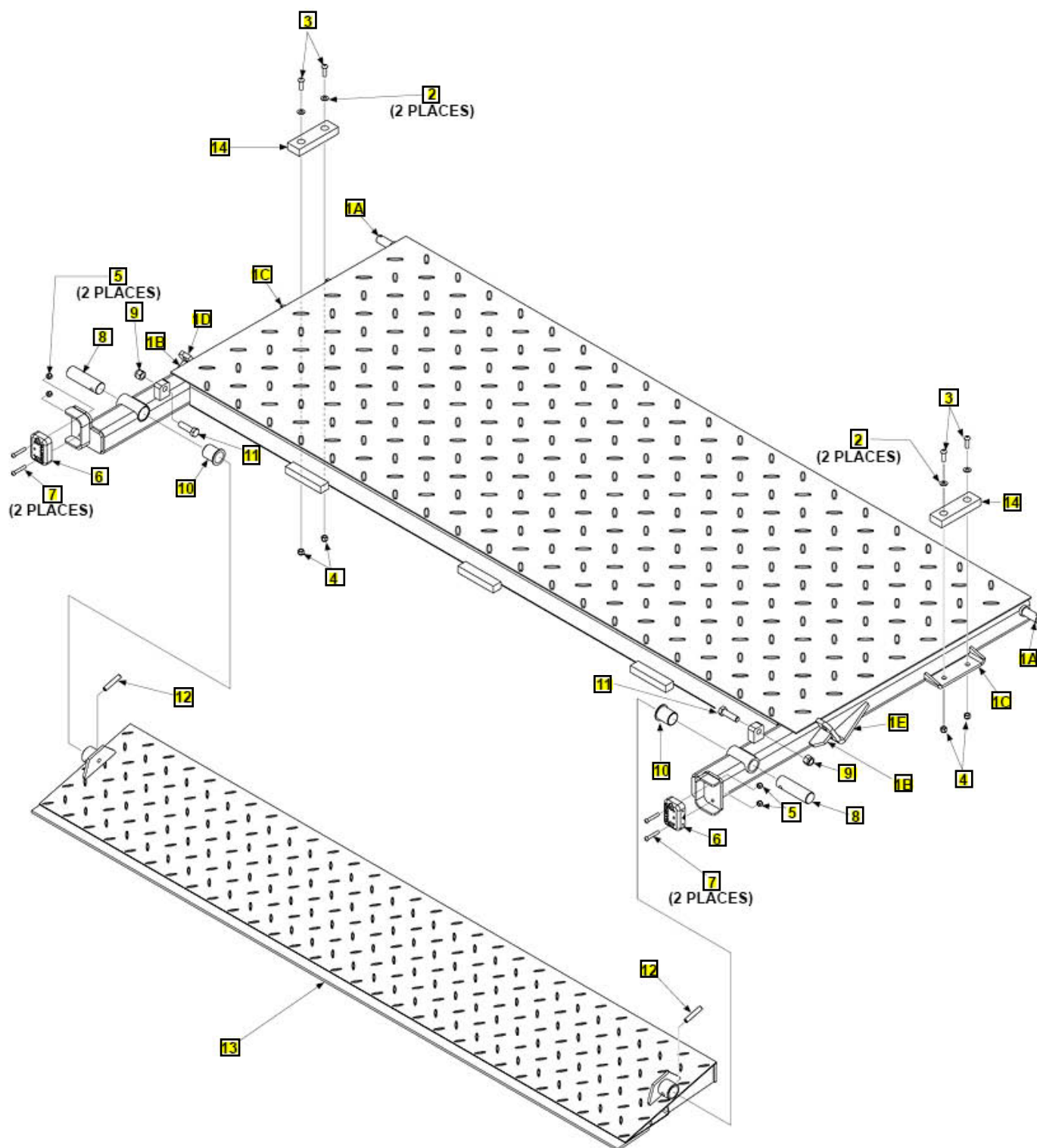
FLIPOVER WITH AUTO CART STOP (STEEL)

LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

FLIPOVER WITH AUTO CART STOP (STEEL)

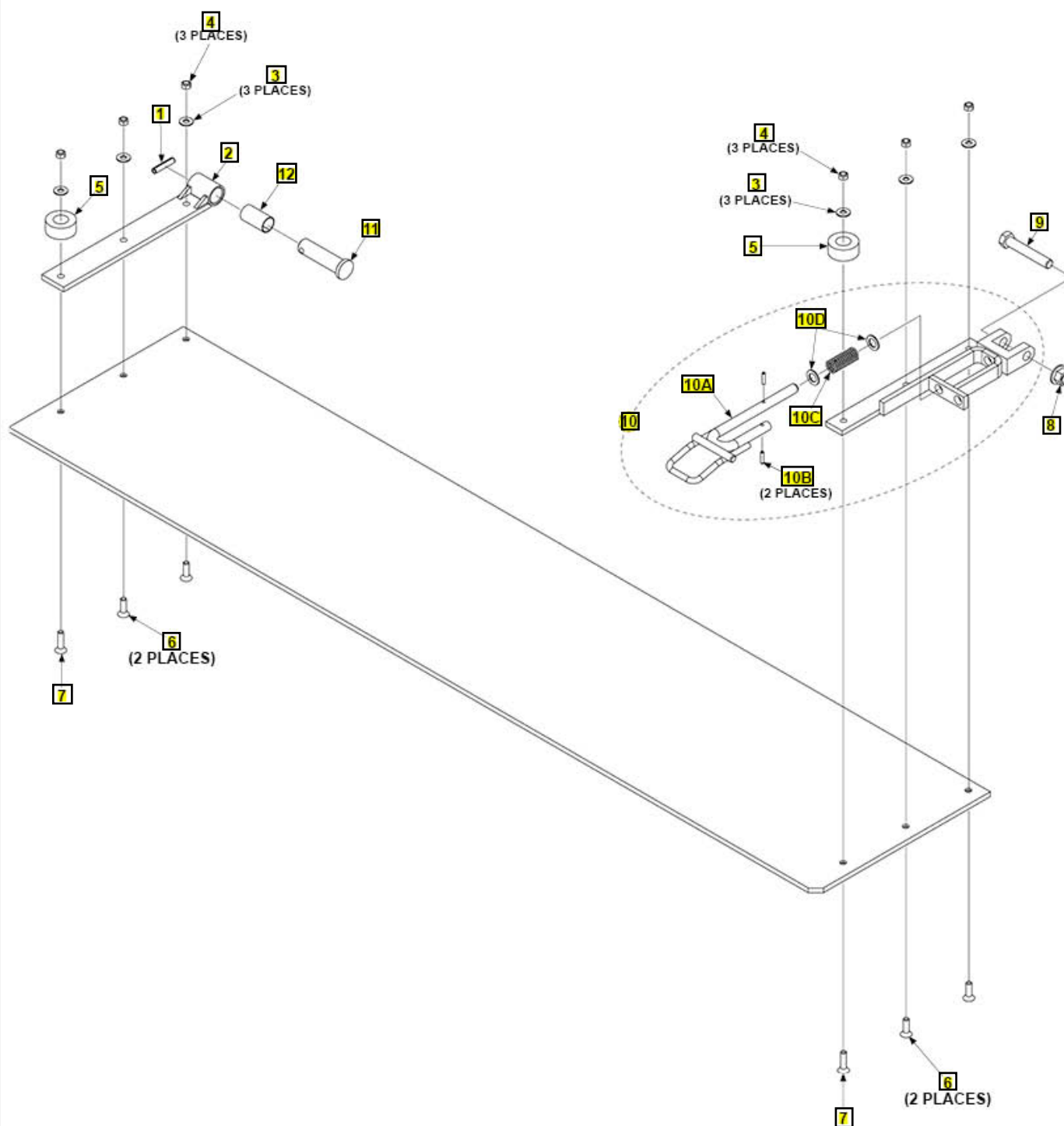
NOTE: Items 1A, 1B, 1C, 1D, and 1E
are not galvanized or painted.
Apply cold galvanize spray after
welds cool.



Pos	SKU	Description	Qty	Remark
REF	296618-01G	F/O ASSY, BMR66G, 80X30+12, ACS	1	
REF	296618-02G	F/O ASSY, BMRW66G, 85X30+12, ACS	1	
1A	280194	PIN CHAIN SUPPORT	2	
1B	286837-01	SUPPORT GUSSET	2	
1C	287579-01	BRACKET, BUMPER HOLDER	2	
1D	288944-01	BRACKET,U-BOLT HOLDER,LH F/O	1	
1E	288944-02	BRACKET,U-BOLT HOLDER,RH F/O	1	
2	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
3	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	4	
4	901001	NUT, NYLON 5/16-18 ZINC	4	
5	903137-01	NUT, NYL INSRT STOP .25-20 SS	4	
6	907150-01	FLASHING SAFETY LIGHT	2	
7	900719-09	SCREW,BUTTON.25-20 X1.5 SS	4	
8	281369-02	PIN 1.13 DIA X 3.82" LG,C/STOP	2	
9	900734-07	SCREW,HXHD.5-13X1.75,UNC-2A,SS	2	
10	261837-12	BUSHING,FLNG, PLST 1.121DX1.50	2	
11	903117-01	NUT,NYLON.5-13 UNC-2B SS	2	
12	904717-06	PIN ROLL .38 X 2 ZINC	2	
13	288752-11G	RAMP WLDMT, C/S 12X74.75,GALV	1	
13	288752-12G	RAMP WLDMT, C/S 12X79.75,GALV	1	
14	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	

ALUMINUM RETENTION RAMP ASSEMBLY (FOR STEEL PLATFORM)

COMPLETE ASSEMBLY:

ALUMINUM RETENTION RAMP ASSEMBLY
(FOR STEEL PLATFORM)LAST UPDATED
OCT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	286845-80	16" ARR FOR 80" STEEL F/O BMR	1	
REF	286845-85	16" ARR FOR 85" STEEL F/O BMRW	1	
1	904717-05	PIN ROLL .38 X 1.75 ZINC	1	
2	253526-01	HINGE ARM WELD'T L/H GALV	1	
3	902001-2	WASHER, FLAT 3/8X1/16 ZC	6	
4	030955	NUT, LOCK 3/8-16 GR.C ZINC	6	
5	905363-01	RUBBER BUMPER 2.0X.88	2	
6	900040-5	SCREW, FLHD SOC 3/8-16X1-1/4ZC	4	
7	900040-6	SCREW, FLHD SOC 3/8-16X1-1/2ZC	2	
8	901023-04	FLANGE LOCK NUT,63-11,ZC	1	
9	900055-11	SCREW,HEX HEAD.625-11UNC X3.75	1	
10	287528-01	ARM ASSY, ARR, RH	1	
10A	287575-01	PIN-LOCKING WLDMT, ARR	1	
10B	904719-09	PIN ROLL,.188 X1LG,SS	2	
10C	908209-01	SPRING, COMP	1	
10D	903434-13	WASHER, FLAT, M16,SS	2	
11	253528	PIN	1	
12	253541	BEARING SELF LUBE 1X2	1	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH ALUMINUM RETENTION RAMP (ALUMINUM)

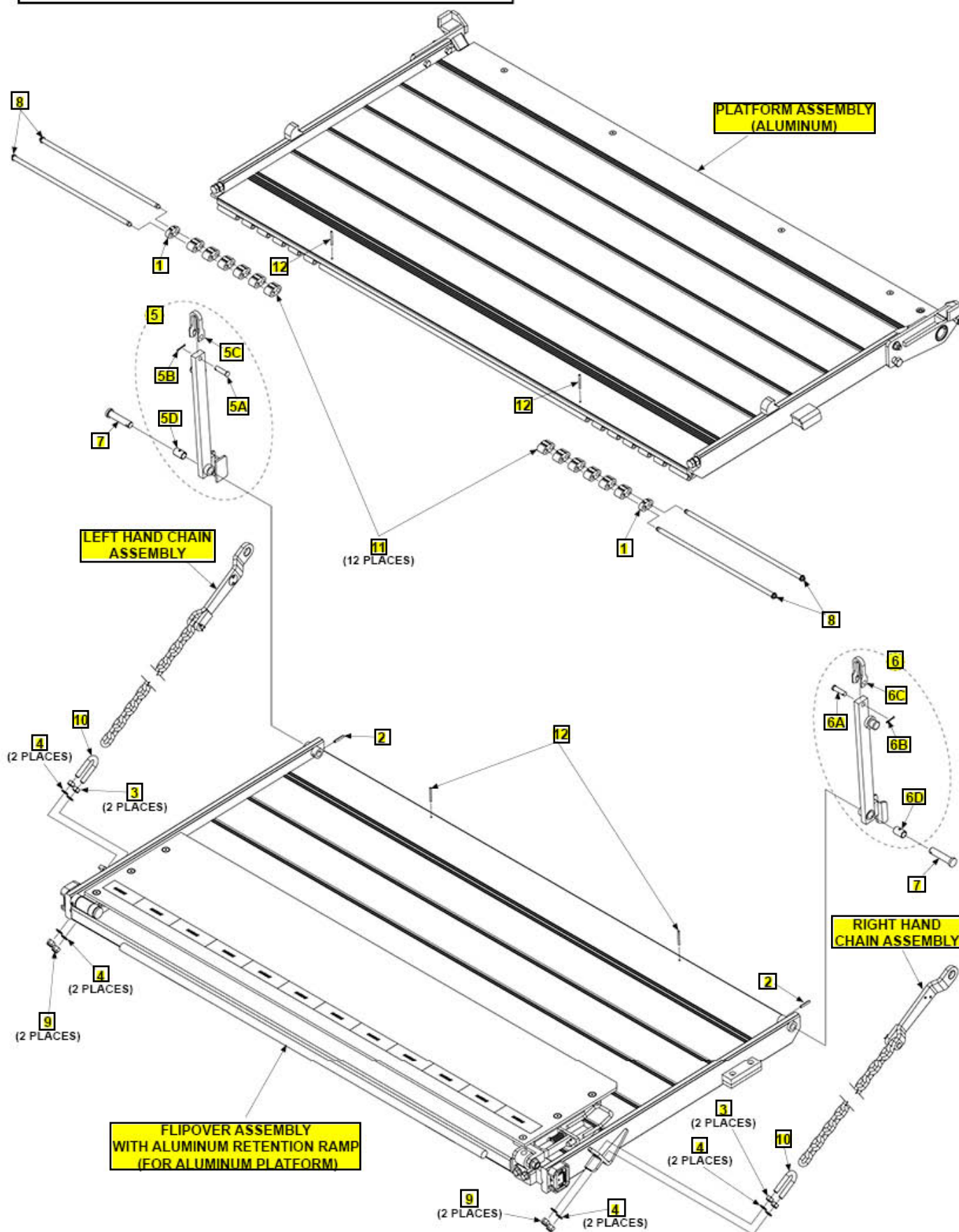
CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2018 to present

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH ALUMINUM RETENTION RAMP (ALUMINUM)



Pos	SKU	Description	Qty	Remark
REF	299150-651MG	P/F,F/O ASSY, AL80X30+30+16ARR,MG,BMR	1	
REF	299150-652MG	P/F,F/O ASSY, AL80X36+36+16ARR,MG,BMR	1	
REF	299150-653MG	P/F,F/O ASSY, AL80X42+42+16ARR,MG,BMR	1	
REF	299150-661MG	P/F,F/O ASSY, AL85X30+30+16ARR,MG,BMR	1	
REF	299150-662MG	P/F,F/O ASSY, AL85X36+36+16ARR,MG,BMR	1	
REF	299150-663MG	P/F,F/O ASSY, AL85X42+42+16ARR,MG,BMR	1	
1	311046-11	LINK SPACER,.50 LG	2	
2	905033-1	ROLL PIN .250 O.D.X1.50"LG	2	
3	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
4	902000-14	WASHER, FLAT .500X.063 THK	8	
5	286880-01	OPENER ASSY BMRB,30+30 P/F,LH	1	
5	286880-03	OPENER ASSY BMRB,36+36 P/F,LH	1	
5	286880-05	OPENER ASSY BMRB,42+42 P/F,LH	1	
5A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
5B	030805	COTTER PIN 1/8 X 1"	1	
5C	280644-01	ANCHOR SHACKLE	1	
5D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
6	286880-02	OPENER ASSY BMRB,30+30 P/F,RH	1	
6	286880-04	OPENER ASSY BMRB,36+36 P/F,RH	1	
6	286880-06	OPENER ASSY BMRB,42+42 P/F,RH	1	
6A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
6B	030805	COTTER PIN 1/8 X 1"	1	

Pos	SKU	Description	Qty	Remark
6C	280644-01	ANCHOR SHACKLE	1	
6D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
7	280195	PIN	2	
8	285963-01	PIN, HINGE ASSY, 19.76	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	282854-01	U-BOLT	2	
11	311046-10	LINK SPACER, 1 LG	12	
12	904719-17	PIN ROLL,.188 X2LG,SS	4	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH ALUMINUM RETENTION RAMP (ALUMINUM)

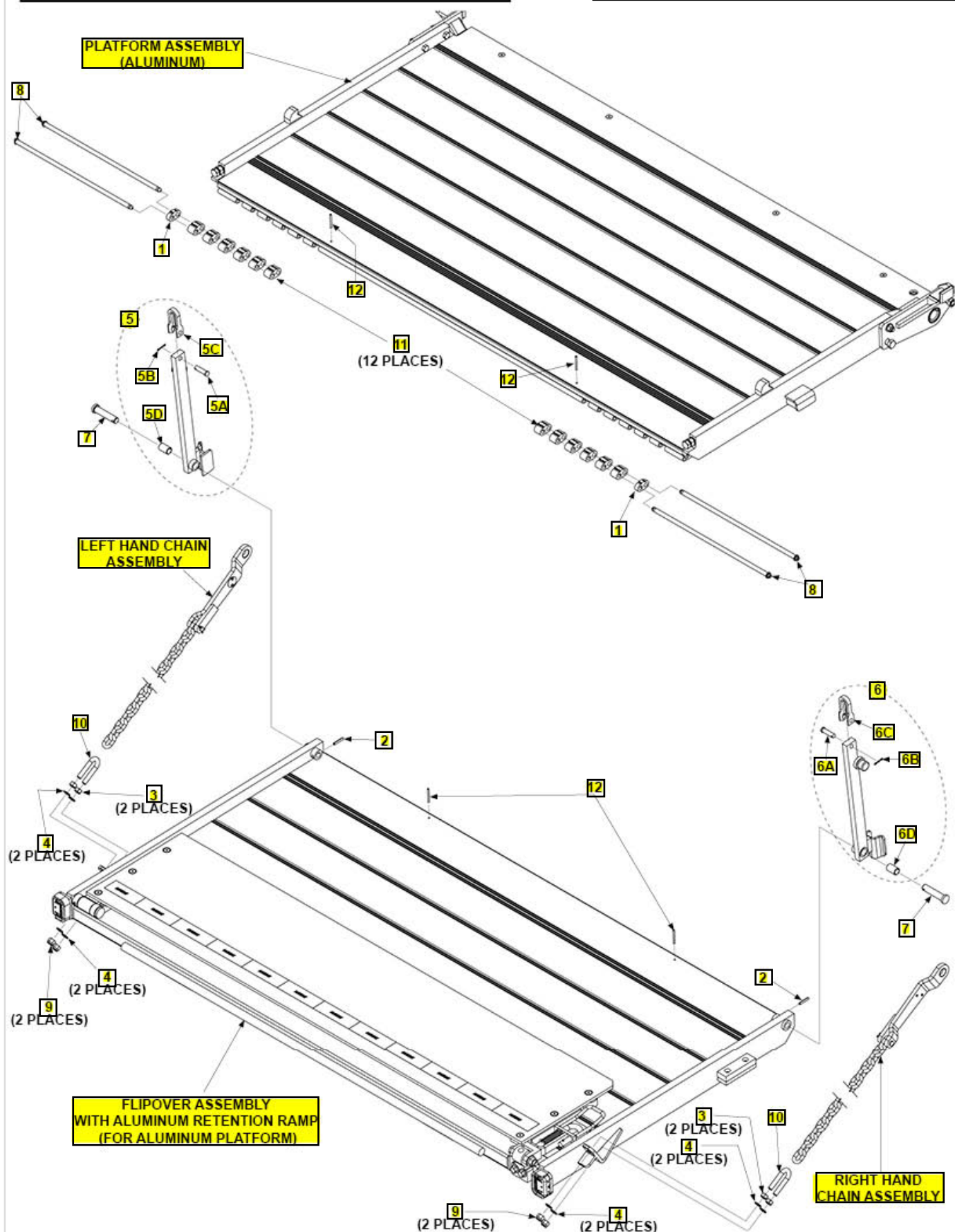
CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH
ALUMINUM RETENTION RAMP (ALUMINUM)



Pos	SKU	Description	Qty	Remark
REF	286850-651	P/F,F/O ASSY, AL80X(30+30+16)	1	
REF	286850-651MG	P/F,F/O ASSY, AL80X30+30+16,MG	1	
REF	286850-652	P/F,F/O ASSY, AL80X(36+36+16)	1	
REF	286850-652MG	P/F,F/O ASSY, AL80X36+36+16,MG	1	
REF	286850-653	P/F,F/O ASSY, AL80X(42+42+16)	1	
REF	286850-653MG	P/F,F/O ASSY, AL80X42+42+16,MG	1	
REF	286850-661	P/F,F/O ASSY, AL85X(30+30+16)	1	
REF	286850-661MG	P/F,F/O ASSY, AL85X30+30+16,MG	1	
REF	286850-662	P/F,F/O ASSY, AL85X(36+36+16)	1	
REF	286850-662MG	P/F,F/O ASSY, AL85X36+36+16,MG	1	
REF	286850-663	P/F,F/O ASSY, AL85X(42+42+16)	1	
REF	286850-663MG	P/F,F/O ASSY, AL85X42+42+16,MG	1	
1	311046-11	LINK SPACER,.50 LG	2	
2	905033-1	ROLL PIN .250 O.D.X1.50"LG	2	
3	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
4	902000-14	WASHER, FLAT .500X.063 THK	8	
5	286880-01	OPENER ASSY BMRB,30+30 P/F,LH	1	
5	286880-03	OPENER ASSY BMRB,36+36 P/F,LH	1	
5	286880-05	OPENER ASSY BMRB,42+42 P/F,LH	1	
5A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
5B	030805	COTTER PIN 1/8 X 1"	1	

Pos	SKU	Description	Qty	Remark
5C	280644-01	ANCHOR SHACKLE	1	
5D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
6	286880-02	OPENER ASSY BMRB,30+30 P/F,RH	1	
6	286880-04	OPENER ASSY BMRB,36+36 P/F,RH	1	
6	286880-06	OPENER ASSY BMRB,42+42 P/F,RH	1	
6A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
6B	030805	COTTER PIN 1/8 X 1"	1	
6C	280644-01	ANCHOR SHACKLE	1	
6D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
7	280195	PIN	2	
8	285963-01	PIN, HINGE ASSY, 19.76	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	282854-01	U-BOLT	2	
11	311046-10	LINK SPACER, 1 LG	12	
12	904719-17	PIN ROLL,.188 X2LG,SS	4	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH FIXED RAMP (ALUMINUM)

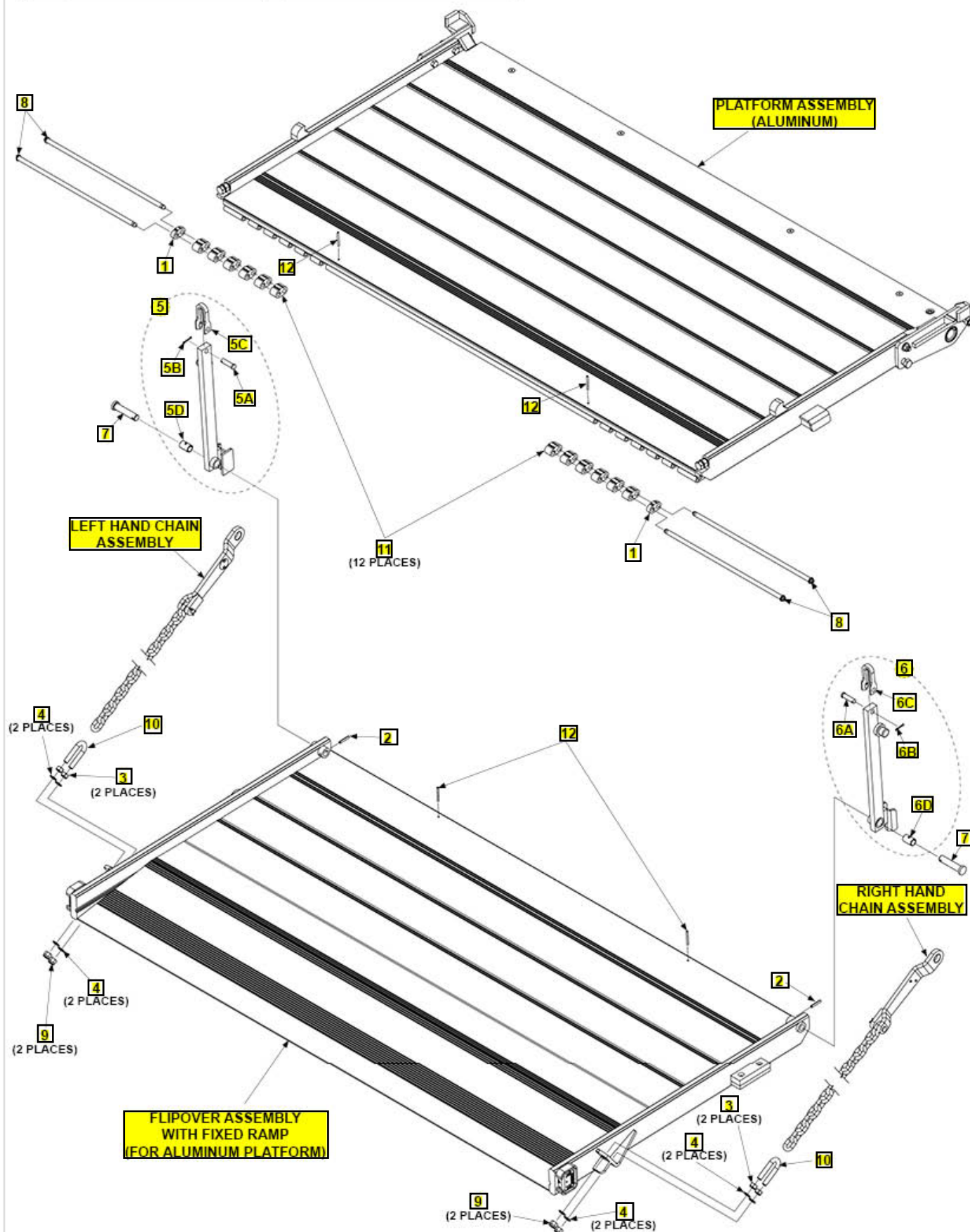
CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2018 to present

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH FIXED RAMP (ALUMINUM)



Pos	SKU	Description	Qty	Remark
REF	299180-656MG	P/F & F/O ASSY, AL80X36+24+12FIX,MG,BMR	1	
REF	299180-657MG	P/F & F/O ASSY, AL80X42+30+12FIX,MG,BMR	1	
REF	299180-666MG	P/F & F/O ASSY, AL85X36+24+12FIX,MG,BMR	1	
REF	299180-667MG	P/F & F/O ASSY, AL85X42+30+12FIX,MG,BMR	1	
1	311046-11	LINK SPACER,.50 LG	2	
2	905033-1	ROLL PIN .250 O.D.X1.50"LG	2	
3	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
4	902000-14	WASHER, FLAT .500X.063 THK	8	
5	286880-03	OPENER ASSY BMRB,36+36 P/F,LH	1	
5	286880-05	OPENER ASSY BMRB,42+42 P/F,LH	1	
5A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
5B	030805	COTTER PIN 1/8 X 1"	1	
5C	280644-01	ANCHOR SHACKLE	1	
5D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
6	286880-04	OPENER ASSY BMRB,36+36 P/F,RH	1	
6	286880-06	OPENER ASSY BMRB,42+42 P/F,RH	1	
6A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
6B	030805	COTTER PIN 1/8 X 1"	1	
6C	280644-01	ANCHOR SHACKLE	1	
6D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
7	280195	PIN	2	
8	285963-01	PIN, HINGE ASSY, 19.76	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	282854-01	U-BOLT	2	

Pos	SKU	Description	Qty	Remark
11	311046-10	LINK SPACER, 1 LG	12	
12	904719-17	PIN ROLL,.188 X2LG,SS	4	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH FIXED RAMP (ALUMINUM)

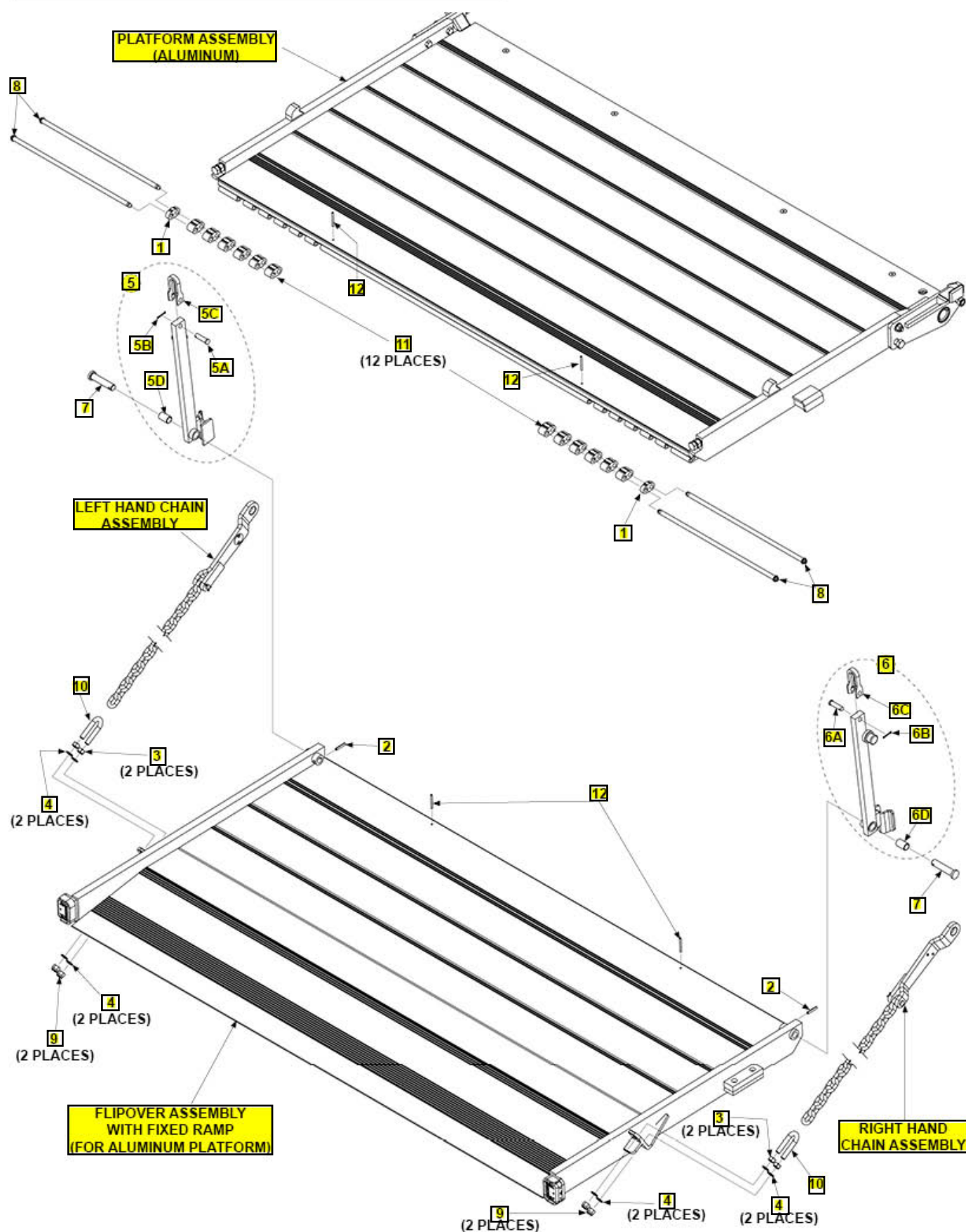
CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH FIXED RAMP (ALUMINUM)



Pos	SKU	Description	Qty	Remark
REF	288264-656	P/F,C-BAR ASSY BMRB,80X60+12	1	
REF	288264-656MG	P/F,C-BAR ASSY BMR,80X60+12,MG	1	
REF	288264-657	P/F,C-BAR ASSY BMRB,80X72+12	1	
REF	288264-657MG	P/F,C-BAR ASSY BMR,80X72+12,MG	1	
REF	288264-666	P/F,C-BAR ASSY BMRBW,85X60+12	1	
REF	288264-666MG	P/F,C-BAR ASSY BMRW,85X60+12,MG	1	
REF	288264-667	P/F,C-BAR ASSY BMRBW,85X72+12	1	
REF	288264-667MG	P/F,C-BAR ASSY BMRW,85X72+12,MG	1	
1	311046-11	LINK SPACER,.50 LG	2	
2	905033-1	ROLL PIN .250 O.D.X1.50"LG	2	
3	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
4	902000-14	WASHER, FLAT .500X.063 THK	8	
5	286880-07	OPENER ASSY BMRB,36+24 P/F,LH	1	
5	286880-09	OPENER ASSY BMRB,42+30 P/F,LH	1	
5A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
5B	030805	COTTER PIN 1/8 X 1"	1	
5C	280644-01	ANCHOR SHACKLE	1	
5D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
6	286880-08	OPENER ASSY BMRB,36+24 P/F,RH	1	
6	286880-10	OPENER ASSY BMRB,42+30 P/F,RH	1	
6A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
6B	030805	COTTER PIN 1/8 X 1"	1	

Pos	SKU	Description	Qty	Remark
6C	280644-01	ANCHOR SHACKLE	1	
6D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
7	280195	PIN	2	
8	285963-01	PIN, HINGE ASSY, 19.76	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	282854-01	U-BOLT	2	
11	311046-10	LINK SPACER, 1 LG	12	
12	904719-17	PIN ROLL,.188 X2LG,SS	4	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH AUTO CART STOP (ALUMINUM)

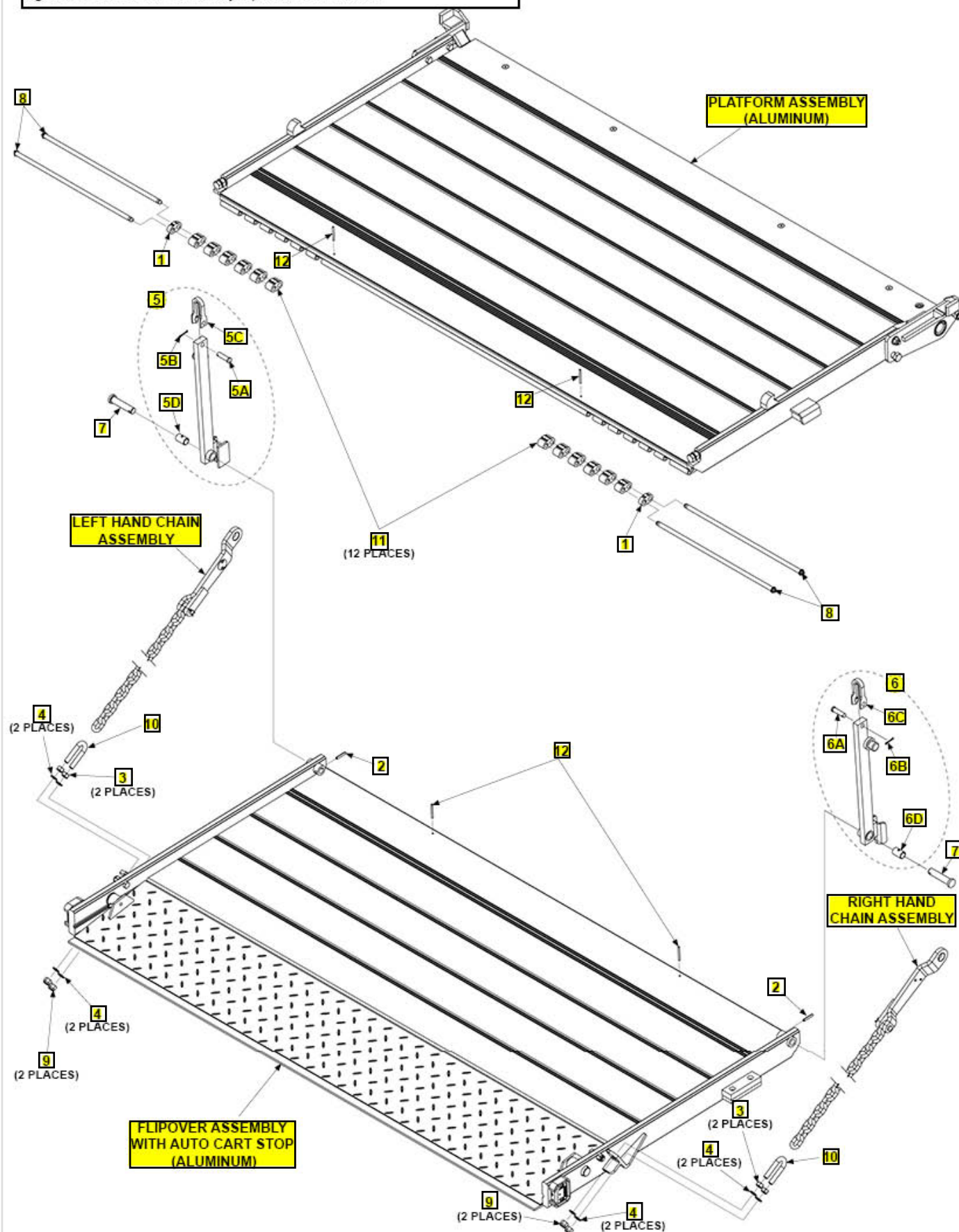
CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2018 to present

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH AUTO CART STOP (ALUMINUM)



Pos	SKU	Description	Qty	Remark
REF	299160-657MG	P/F,F/O ASSY,AL80X42+30+12ACS,MG,BMR	1	
REF	299160-667MG	P/F,F/O ASSY,AL85X42+30+12ACS,MG,BMR	1	
1	311046-11	LINK SPACER,.50 LG	2	
2	905033-1	ROLL PIN .250 O.D.X1.50"LG	2	
3	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
4	902000-14	WASHER, FLAT .500X.063 THK	8	
5	286880-09	OPENER ASSY BMRB,42+30 P/F,LH	1	
5A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
5B	030805	COTTER PIN 1/8 X 1"	1	
5C	280644-01	ANCHOR SHACKLE	1	
5D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
6	286880-10	OPENER ASSY BMRB,42+30 P/F,RH	1	
6A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
6B	030805	COTTER PIN 1/8 X 1"	1	
6C	280644-01	ANCHOR SHACKLE	1	
6D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
7	280195	PIN	2	
8	285963-01	PIN, HINGE ASSY, 19.76	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	282854-01	U-BOLT	2	
11	311046-10	LINK SPACER, 1 LG	12	
12	904719-17	PIN ROLL,.188 X2LG,SS	4	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH AUTO CART STOP (ALUMINUM)

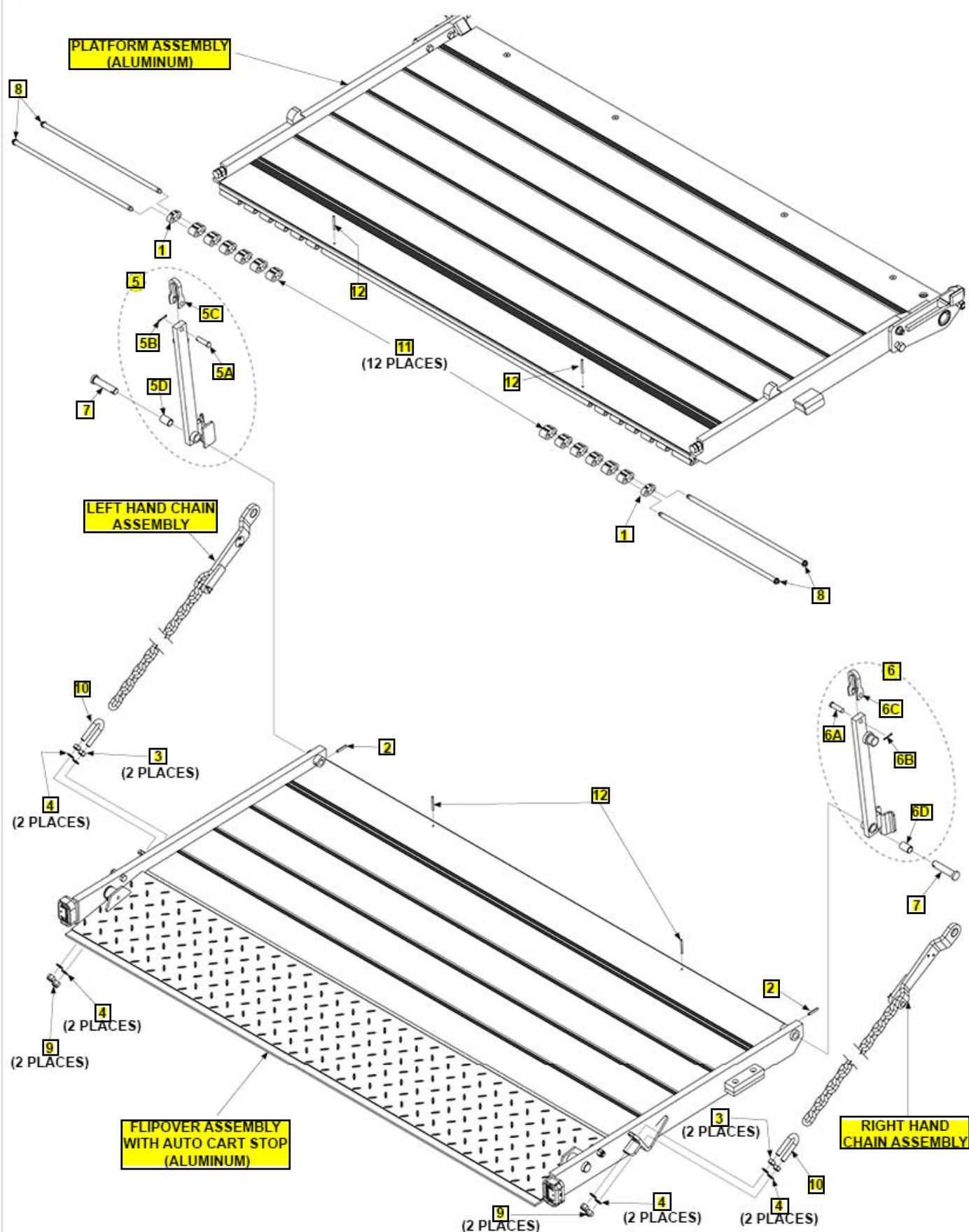
CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2016 to Sept 2018

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH AUTO CART STOP (ALUMINUM)



Pos	SKU	Description	Qty	Remark
REF	288762-651	P/F,F/O ASSY,BMRB,AL80X72+12	1	
REF	288762-651MG	P/F,F/O ASSY,BMRB,AL80X72+12MG	1	
REF	288762-652	P/F,F/O ASSY,BMRB,AL85X72+12	1	
REF	288762-652MG	P/F,F/O ASSY,BMRB,AL85X72+12MG	1	
1	311046-11	LINK SPACER,,50 LG	2	
2	905033-1	ROLL PIN .250 O.D.X1.50"LG	2	
3	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
4	902000-14	WASHER, FLAT .500X.063 THK	8	
5	286880-09	OPENER ASSY BMRB,42+30 P/F,LH	1	
5A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
5B	030805	COTTER PIN 1/8 X 1"	1	
5C	280644-01	ANCHOR SHACKLE	1	
5D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
6	286880-10	OPENER ASSY BMRB,42+30 P/F,RH	1	
6A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
6B	030805	COTTER PIN 1/8 X 1"	1	
6C	280644-01	ANCHOR SHACKLE	1	
6D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
7	280195	PIN	2	
8	285963-01	PIN, HINGE ASSY, 19.76	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	282854-01	U-BOLT	2	
11	311046-10	LINK SPACER, 1 LG	12	
12	904719-17	PIN ROLL,,.188 X2LG,SS	4	

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY WITH DUAL CART STOPS (ALUMINUM)

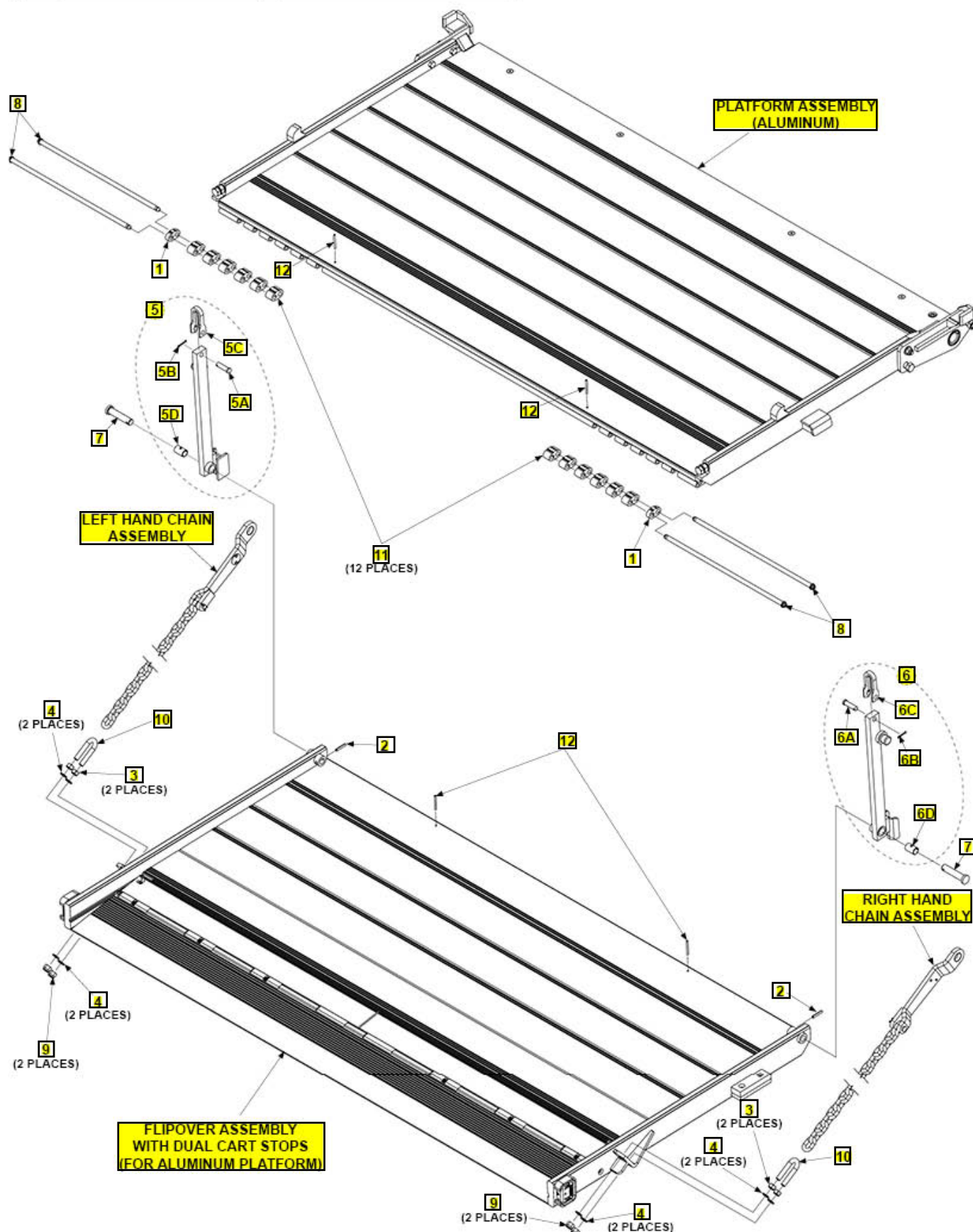
CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2018 to present

COMPLETE ASSEMBLY:

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY
WITH DUAL CART STOPS (ALUMINUM)

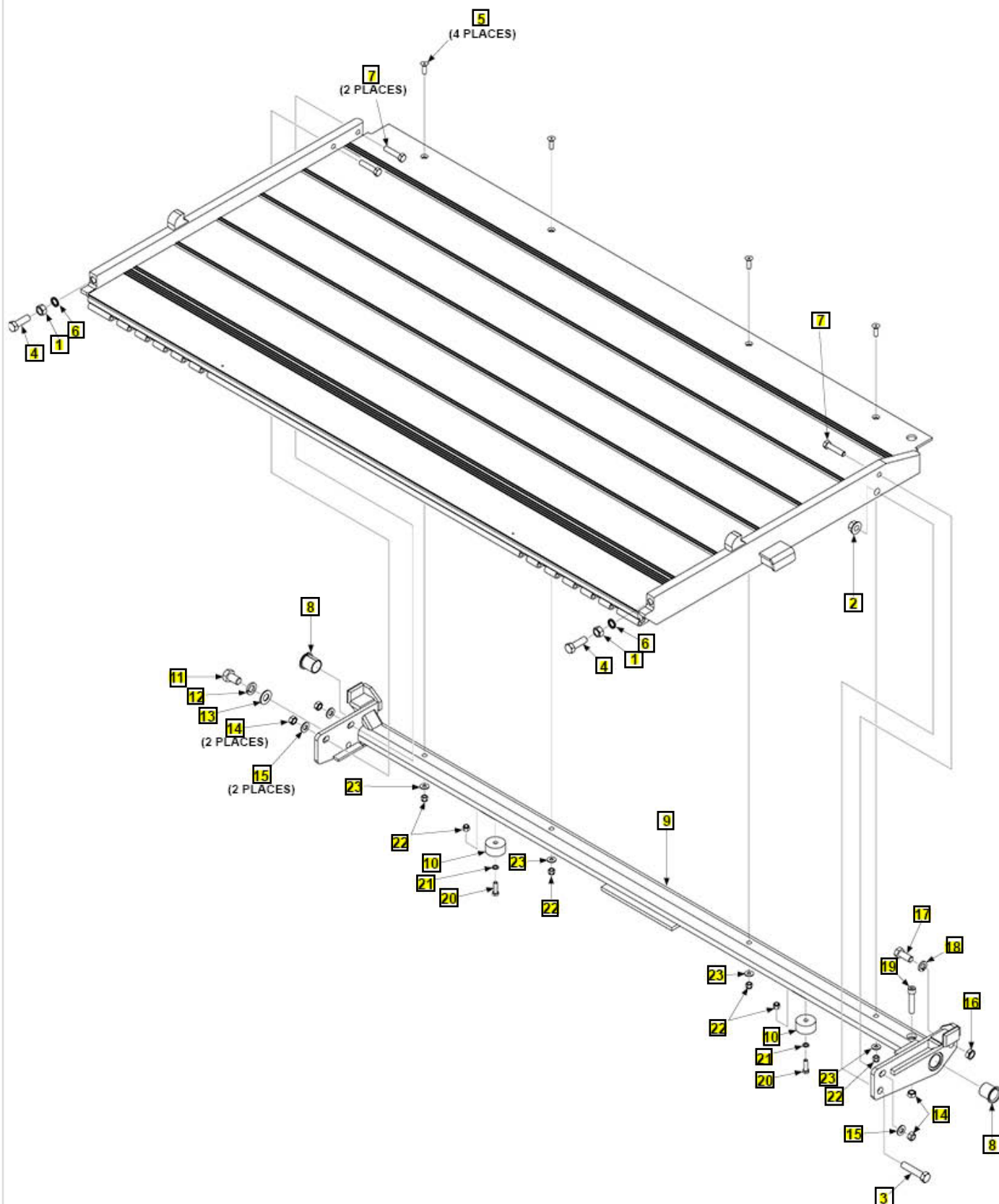


Pos	SKU	Description	Qty	Remark
REF	299190-6591MG	P/F,F/O ASSY, AL80X36+24+12DCS,MG,BMR	1	
REF	299190-659MG	P/F,F/O ASSY, AL80X42+30+12DCS,MG,BMR	1	
REF	299190-6691MG	P/F,F/O ASSY, AL85X36+24+12DCS,MG,BMR	1	
REF	299190-669MG	P/F,F/O ASSY, AL85X42+30+12DCS,MG,BMR	1	
1	311046-11	LINK SPACER,,50 LG	2	
2	905033-1	ROLL PIN .250 O.D.X1.50"LG	2	
3	901011-9	NUT, HEX HEAD .500-13 UNC-2B	4	
4	902000-14	WASHER, FLAT .500X.063 THK	8	
5	286880-07	OPENER ASSY BMRB,36+24 P/F,LH	1	
5	286880-09	OPENER ASSY BMRB,42+30 P/F,LH	1	
5A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
5B	030805	COTTER PIN 1/8 X 1"	1	
5C	280644-01	ANCHOR SHACKLE	1	
5D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
6	286880-08	OPENER ASSY BMRB,36+24 P/F,RH	1	
6	286880-10	OPENER ASSY BMRB,42+30 P/F,RH	1	
6A	905136-02	PIN, CLEVIS 0.500 X 1.75, GR 8	1	
6B	030805	COTTER PIN 1/8 X 1"	1	
6C	280644-01	ANCHOR SHACKLE	1	
6D	260917-05	BEARING SELF LUBE 3/4X1-3/8	1	
7	280195	PIN	2	
8	285963-01	PIN, HINGE ASSY, 19.76	4	
9	901010	NUT, NYLON LOCK 1/2-13 ZC	4	
10	282854-01	U-BOLT	2	

Pos	SKU	Description	Qty	Remark
11	311046-10	LINK SPACER, 1 LG	12	
12	904719-17	PIN ROLL,.188 X2LG,SS	4	

PLATFORM ASSEMBLY (ALUMINUM)

COMPLETE ASSEMBLY:

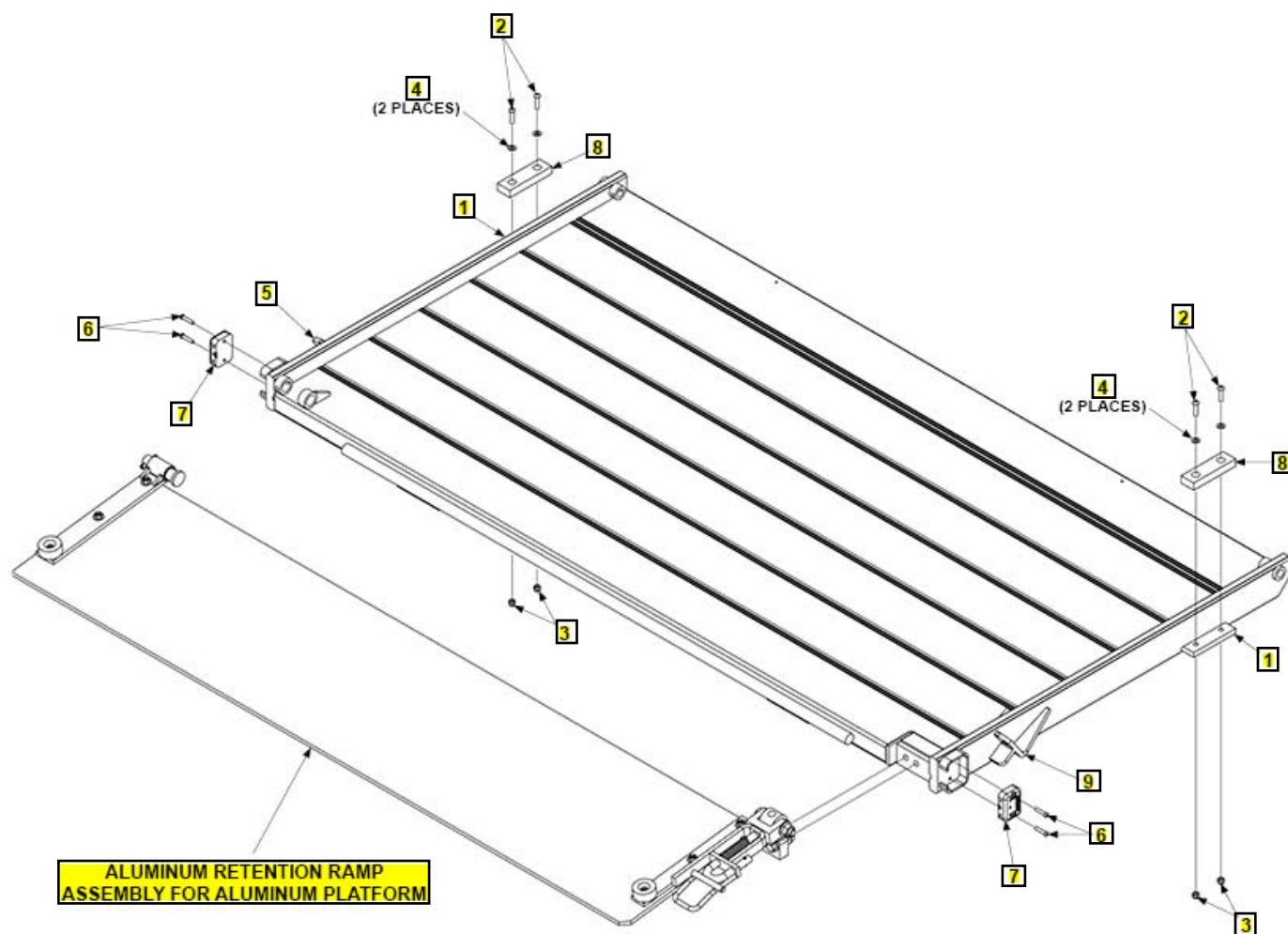
PLATFORM ASSEMBLY (ALUMINUM)LAST UPDATED
OCT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	286860-21	P/F & C-BAR ASSY, AL, 80X30, MG	1	
REF	286860-22	P/F & C-BAR ASSY, AL, 80X36,MG	1	
REF	286860-23	P/F & C-BAR ASSY, AL, 80X42,MG	1	
REF	286860-41	P/F & C-BAR ASSY, AL, 85X30,MG	1	
REF	286860-42	P/F & C-BAR ASSY, AL, 85X36,MG	1	
REF	286860-43	P/F & C-BAR ASSY, AL, 85X42,MG	1	
1	030329	NUT, 5/8-11 ZINC	2	
2	901023-04	FLANGE LOCK NUT,63-11,ZC	1	
3	900055-08	SCREW,HEX HEAD.625-11UNC X3	1	
4	900055-04	SCREW,HEX HEAD.625-11UNC X2	2	
5	900040-5	SCREW, FLHD SOC 3/8-16X1-1/4ZC	4	
6	903435-09	WASHER,NORD- LOCK,.63/M16,ZC	2	
7	900035-6	SCREW,CAP HXHD.5-13UNC-2A 2.25	3	
8	908007-05	BEARING, FLNGD 1.25SHFT, 1.5"LG	2	
9	286855-01	C-BAR WLDMT, AL P/F, 96 W TRK	1	
9	286855-02	C-BAR WLDMT, AL P/F, 102 W TRK	1	
10	253516	BUMPER, 2X1 RUBBER	2	
11	900032-1	SCREW, HEX HD 3/4-10X1-1/2 ZC	1	
12	902011-9	WASHER. LOCK .750, .188 THK	1	
13	902000-20	WASHER, FLAT .750 .090 THK	1	
14	040066	NUT, LOCK 1/2-13 ZC	4	
15	902013-13	WASHER, FLAT 1/2" SAE ZC	3	

Pos	SKU	Description	Qty	Remark
16	030331	NUT, JAM 5/8-11 ZINC	1	
17	900055-02	SCREW,HEX HEAD.625-11UNC X1.5	1	
18	902011-8	WASHER, LOCK .625, .156THK	1	
19	900036-11	SCREW SOCHD .5-13UNC-2A 2.50IN	1	
20	900014-5	SCREW,HEX CAP.38-16X1.25,G8,ZC	2	
21	902000-10	WASHER, FLAT .375X.063 THK	2	
22	901002	NUT, NYLON 3/8-16 ZINC	6	
23	902001-2	WASHER, FLAT 3/8X1/16 ZC	4	

FLIPOVER ASSEMBLY WITH ALUMINUM RETENTION RAMP (ALUMINUM)

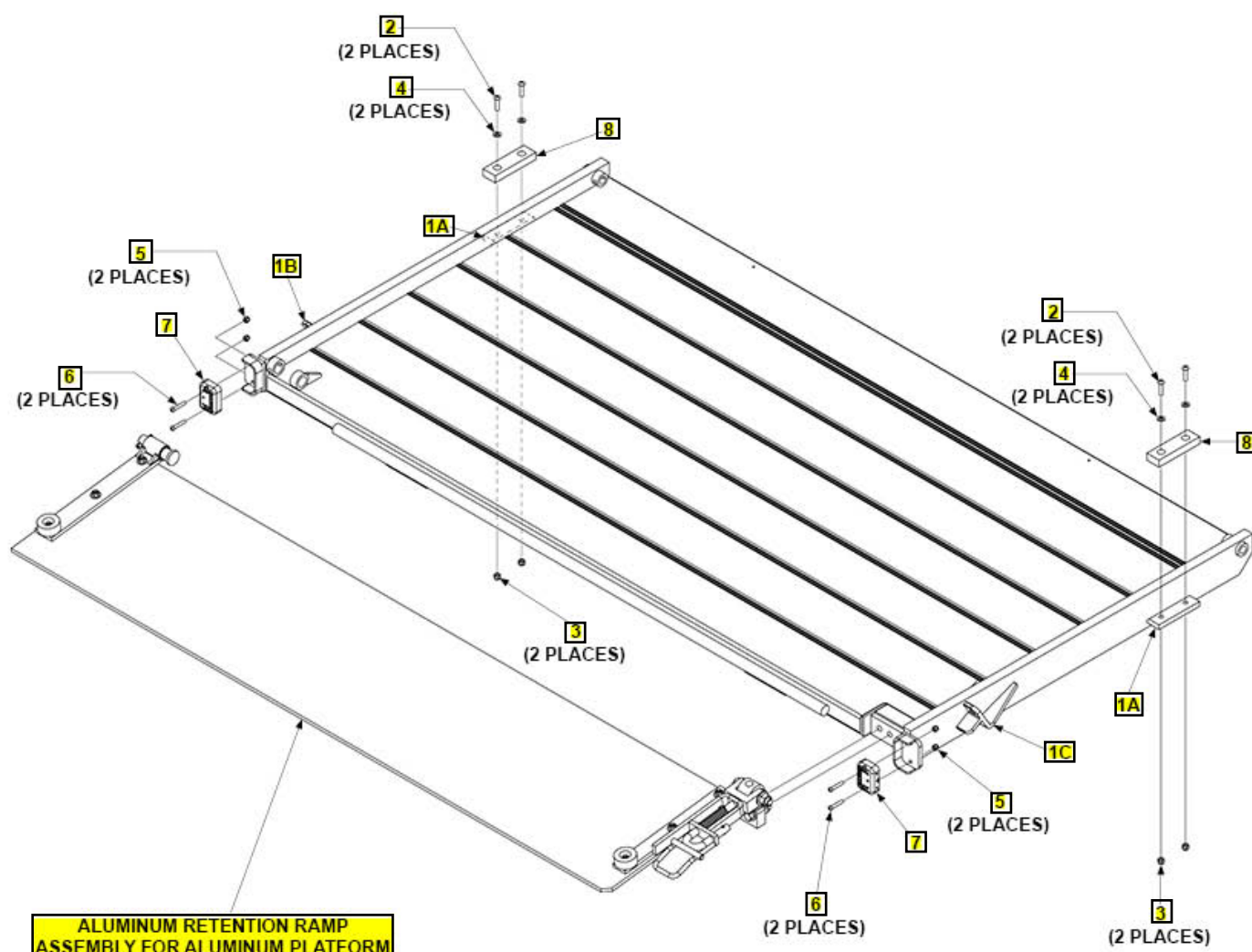
COMPLETE ASSEMBLY:

LAST UPDATED
OCT 2018 to present**FLIPOVER ASSEMBLY WITH ALUMINUM RETENTION RAMP (ALUMINUM)**

Pos	SKU	Description	Qty	Remark
REF	299170-651MG	F/O ASSY, AL80X30+16ARR,MG,BMR	1	
REF	299170-652MG	F/O ASSY, AL80X36+16ARR,MG,BMR	1	
REF	299170-653MG	F/O ASSY, AL80X42+16ARR,MG,BMR	1	
REF	299170-661MG	F/O ASSY, AL85X30+16ARR,MG,BMR	1	
REF	299170-662MG	F/O ASSY, AL85X36+16ARR,MG,BMR	1	
REF	299170-663MG	F/O ASSY, AL85X42+16ARR,MG,BMR	1	
1	287591-01	FLAT, AL, BUMPER HOLDER	2	
2	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	4	
3	903106-10	NUT, NYL INSRT STOP.313 -18 SS	4	
4	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
5	287587-01	BRACKET, U-BOLT HOLDER, LH F/O	1	
6	900719-08	SCREW,BUTTON.25-20 X1.25 SS	4	
7	907362-01	FLASHING SAFETY LIGHT	2	
8	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
9	287587-02	BRACKET, U-BOLT HOLDER, RH F/O	1	

FLIPOVER ASSEMBLY WITH ALUMINUM RETENTION RAMP (ALUMINUM)

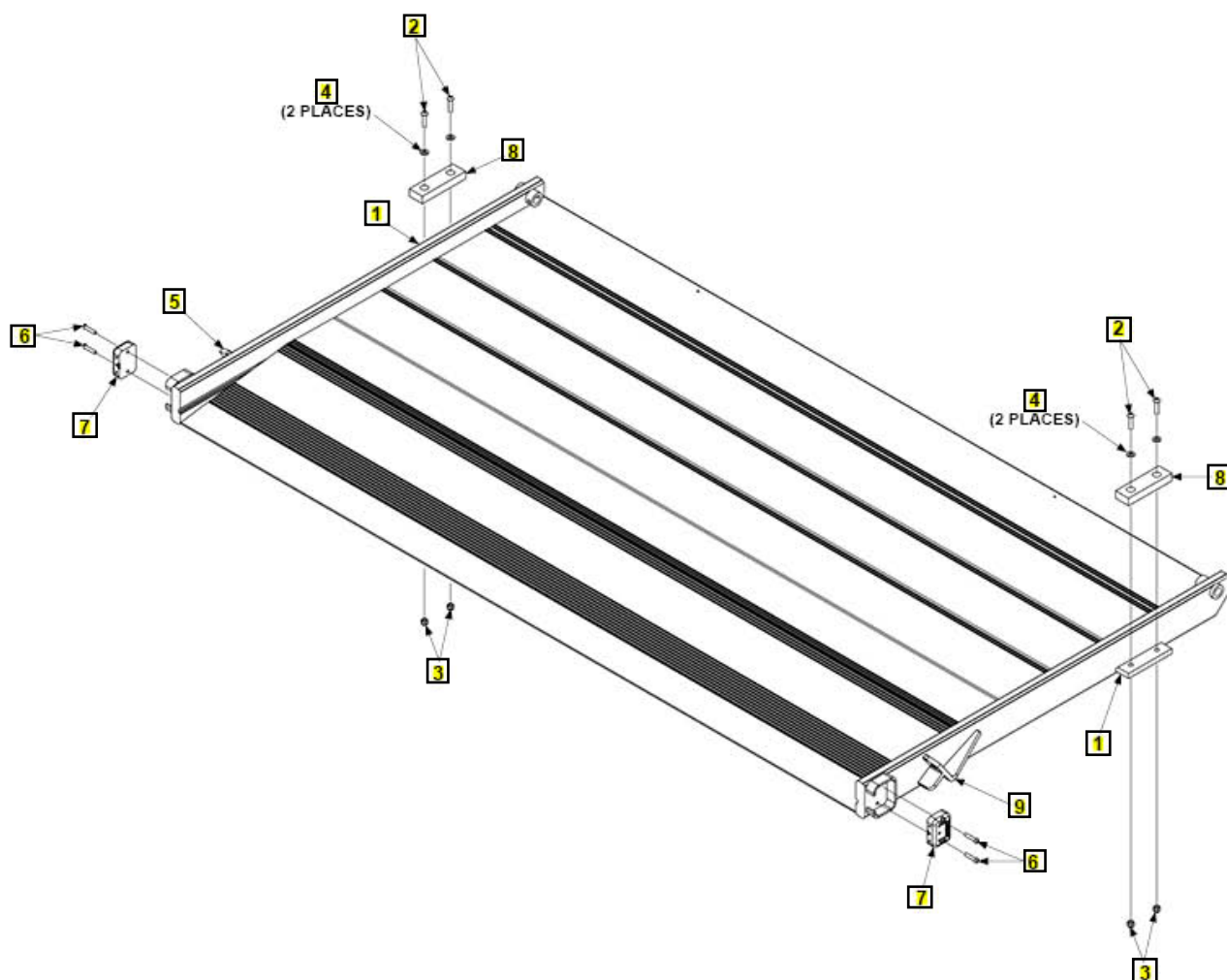
COMPLETE ASSEMBLY:

FLIPOVER ASSEMBLY WITH ALUMINUM
RETENTION RAMP (ALUMINUM)LAST UPDATED
OCT 2016 to Sept 2018

Pos	SKU	Description	Qty	Remark
REF	286870-01	F/O & ARR ASSY, AL80X30	1	
REF	286870-02	F/O & ARR ASSY, AL80X36	1	
REF	286870-03	F/O & ARR ASSY, AL80X42	1	
REF	286870-04	F/O & ARR ASSY, AL85X30	1	
REF	286870-05	F/O & ARR ASSY, AL85X36	1	
REF	286870-06	F/O & ARR ASSY, AL85X42	1	
REF	286870-11MG	F/O & ARR ASSY, AL80X30MG	1	
REF	286870-12MG	F/O & ARR ASSY, AL80X36MG	1	
REF	286870-13MG	F/O & ARR ASSY, AL80X42MG	1	
REF	286870-14MG	F/O & ARR ASSY, AL80X30MG	1	
REF	286870-15MG	F/O & ARR ASSY, AL85X36MG	1	
REF	286870-16MG	F/O & ARR ASSY, AL85X42MG	1	
1A	287591-01	FLAT, AL, BUMPER HOLDER	2	
1B	287587-01	BRACKET, U-BOLT HOLDER, LH F/O	1	
1C	287587-02	BRACKET, U-BOLT HOLDER, RH F/O	1	
2	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	4	
3	903106-10	NUT, NYL INSRT STOP.313 -18 SS	4	
4	902013-10	WASHER, FLAT 5/16" SAE, ZC	1	
5	903137-01	NUT, NYL INSRT STOP .25-20 SS	4	
6	900719-09	SCREW,BUTTON.25-20 X1.5 SS	4	
7	907150-01	FLASHING SAFETY LIGHT	2	
8	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	

FLIPOVER ASSEMBLY WITH FIXED RAMP (ALUMINUM)

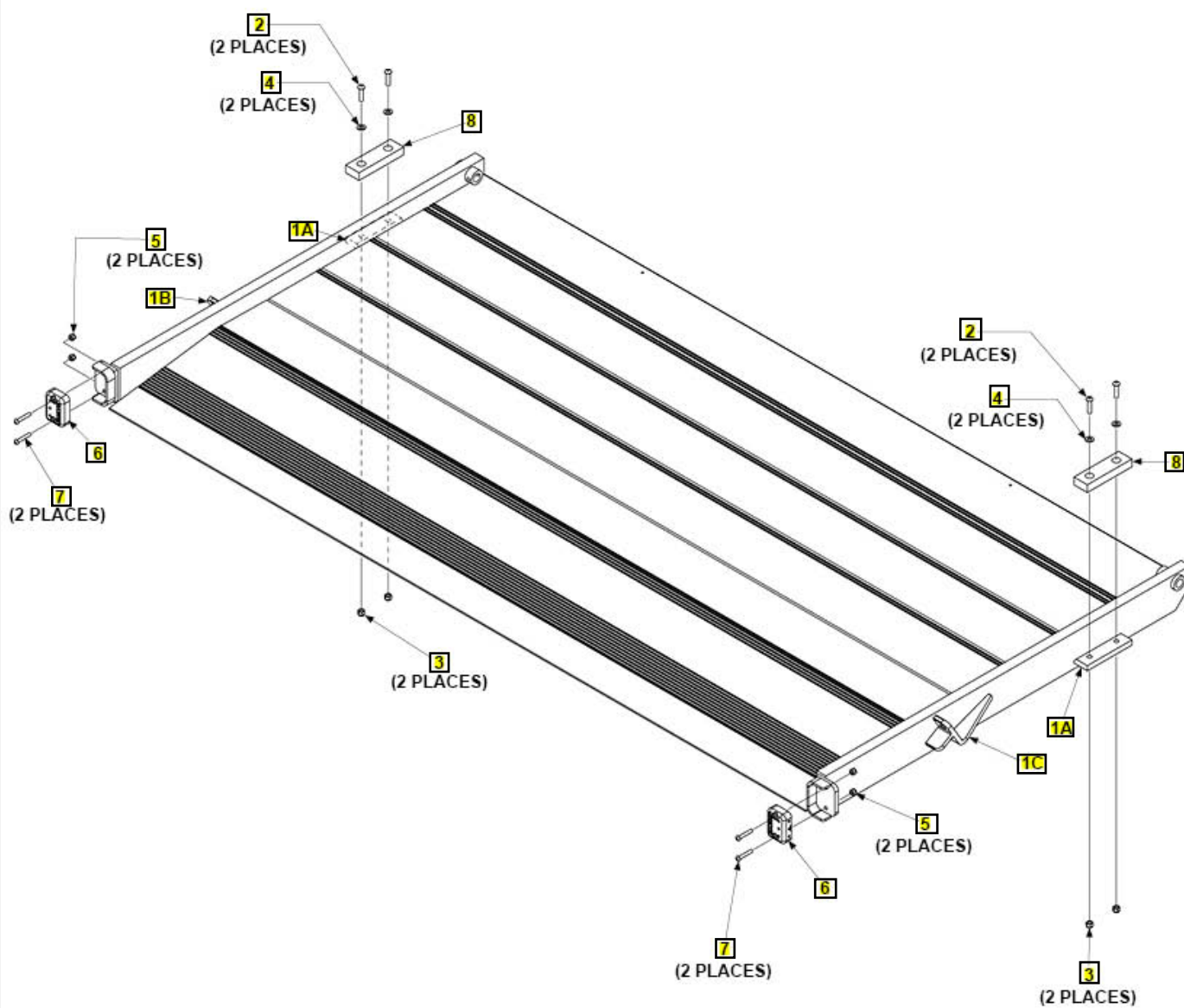
COMPLETE ASSEMBLY:

FLIPOVER ASSEMBLY WITH FIXED RAMP (ALUMINUM)LAST UPDATED
OCT 2018 to present

Pos	SKU	Description	Qty	Remark
REF	299184-656MG	F/O ASSY, AL80X24+12FIX,MG,BMR	1	
REF	299184-657MG	F/O ASSY, AL80X30+12FIX,MG,BMR	1	
REF	299184-666MG	F/O ASSY, AL85X24+12FIX,MG,BMR	1	
REF	299184-667MG	F/O ASSY, AL85X30+12FIX,MG,BMR	1	
1	287591-01	FLAT, AL, BUMPER HOLDER	2	
2	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	4	
3	901001	NUT, NYLON 5/16-18 ZINC	4	
4	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
5	287587-01	BRACKET, U-BOLT HOLDER, LH F/O	1	
6	900719-08	SCREW,BUTTON.25-20 X1.25 SS	4	
7	907362-01	FLASHING SAFETY LIGHT	2	
8	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
9	287587-02	BRACKET, U-BOLT HOLDER, RH F/O	1	

FLIPOVER ASSEMBLY WITH FIXED RAMP (ALUMINUM)

COMPLETE ASSEMBLY:

LAST UPDATED
OCT 2016 to Sept 2018**FLIPOVER ASSEMBLY WITH FIXED RAMP (ALUMINUM)**

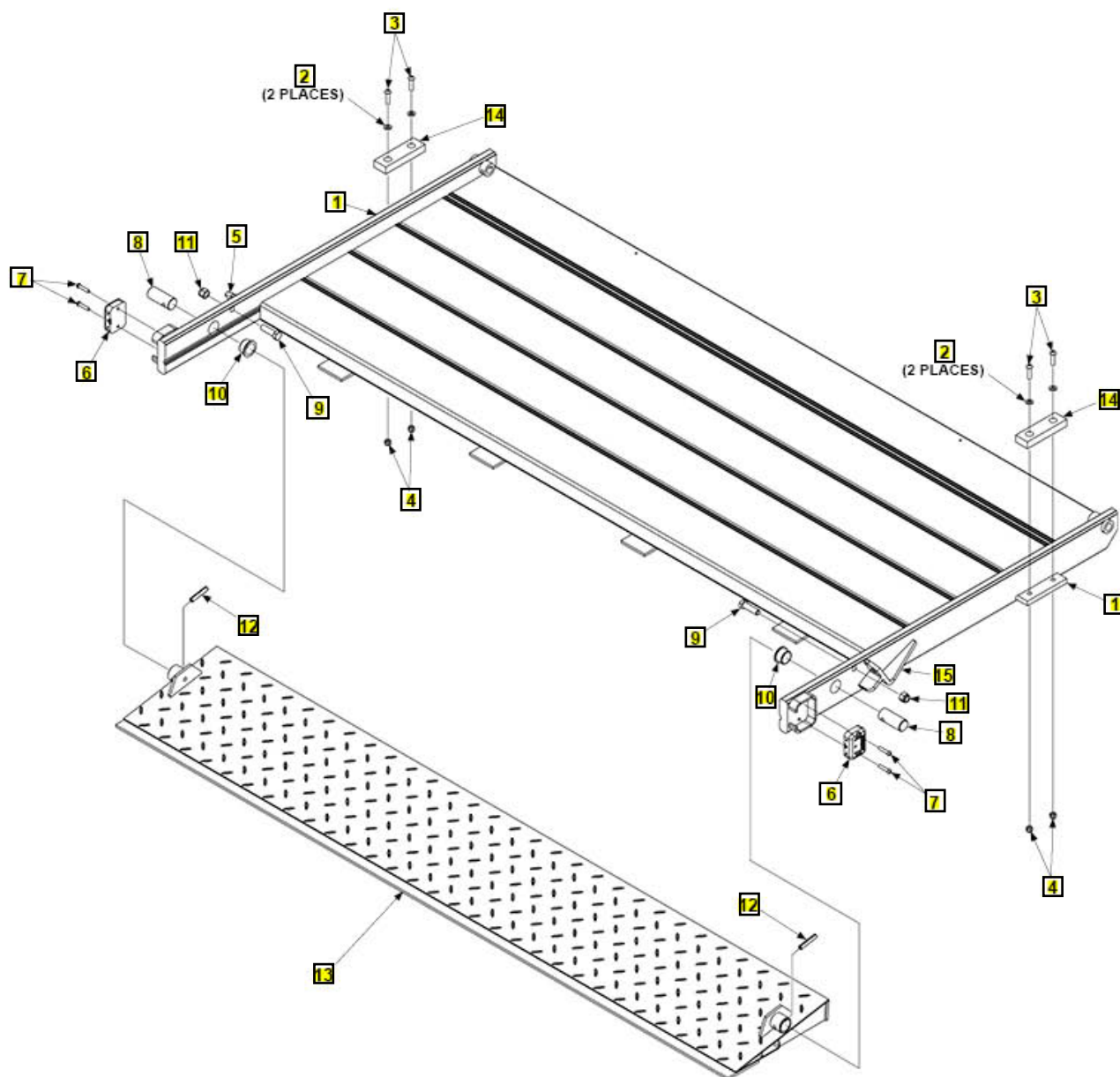
Pos	SKU	Description	Qty	Remark
REF	288263-01	F/O ASSY, BMRB AL 24+12 X 80	1	
REF	288263-02	F/O ASSY, BMRB AL 24+12 X 85	1	
REF	288263-03	F/O ASSY, BMRB AL 30+12 X 80	1	
REF	288263-04	F/O ASSY, BMRB AL 30+12 X 85	1	
REF	288263-11	F/O ASSY, BMRB AL 24+12 X 80MG	1	
REF	288263-12	F/O ASSY, BMRB AL 24+12 X 85MG	1	
REF	288263-13	F/O ASSY, BMRB AL 30+12 X 80MG	1	
REF	288263-14	F/O ASSY, BMRB AL 30+12 X 85MG	1	
1A	287591-01	FLAT, AL, BUMPER HOLDER	2	
1B	287587-01	BRACKET, U-BOLT HOLDER, LH F/O	1	
1C	287587-02	BRACKET, U-BOLT HOLDER, RH F/O	1	
2	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	4	
3	901001	NUT, NYLON 5/16-18 ZINC	4	
4	902013-10	WASHER, FLAT 5/16" SAE, ZC	1	
5	901000	NUT, NYLON 1/4-20 ZINC	4	
6	907150-01	FLASHING SAFETY LIGHT	2	
7	900719-09	SCREW,BUTTON.25-20 X1.5 SS	4	
8	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	

FLIPOVER ASSEMBLY WITH AUTO CART STOP (ALUMINUM)

COMPLETE ASSEMBLY:

FLIPOVER ASSEMBLY WITH AUTO CART STOP (ALUMINUM)

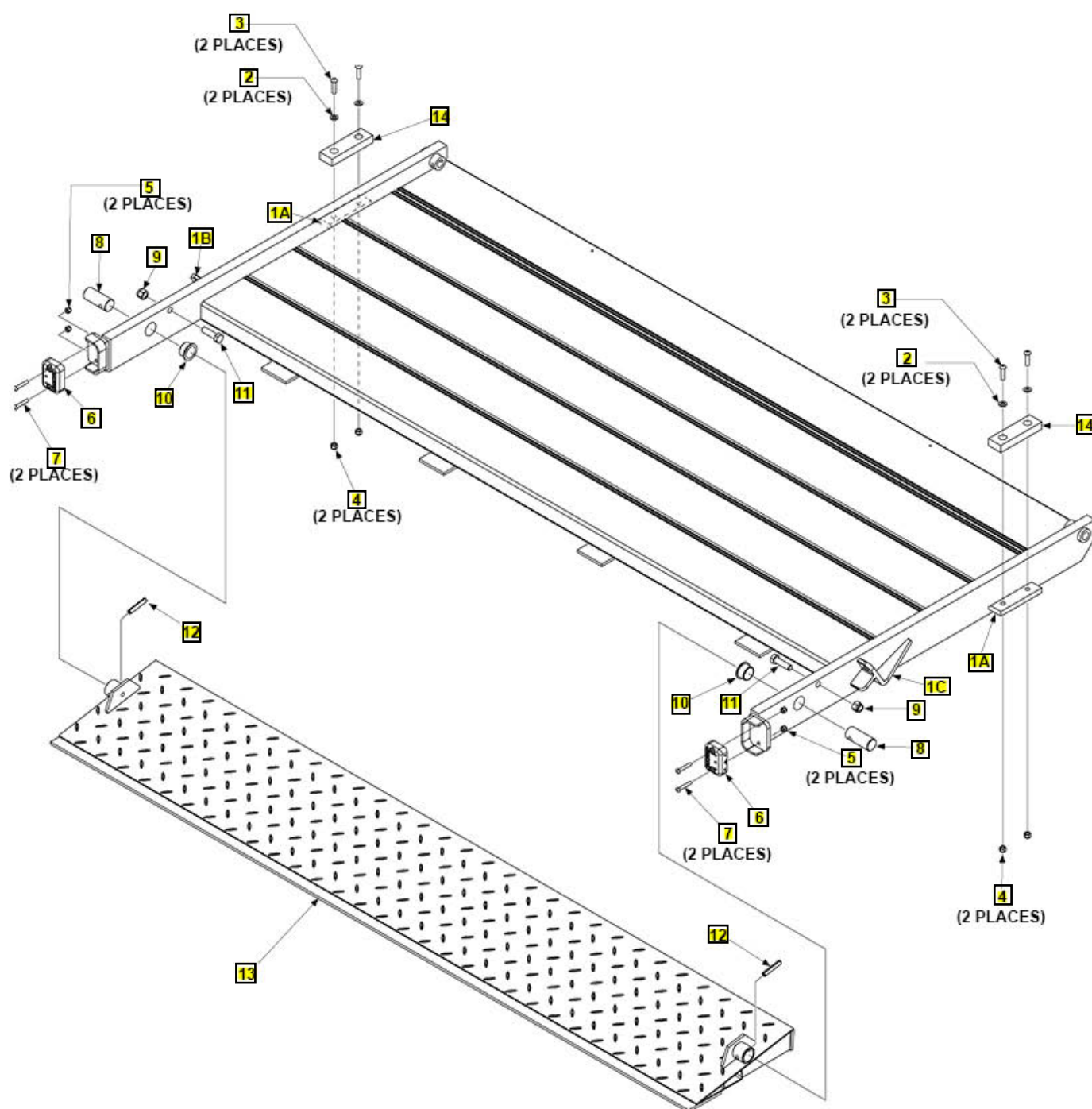
LAST UPDATED
OCT 2018 to present



Pos	SKU	Description	Qty	Remark
REF	299165-657MG	F/O ASSY, AL80X30+12ACS,MG,BMR	1	
REF	299165-667MG	F/O ASSY, AL85X30+12ACS,MG,BMR	1	
1	287591-01	FLAT, AL, BUMPER HOLDER	2	
2	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
3	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	4	
4	903106-10	NUT, NYL INSRT STOP.313 -18 SS	4	
5	287587-01	BRACKET, U-BOLT HOLDER, LH F/O	1	
6	907362-01	FLASHING SAFETY LIGHT	2	
7	900719-08	SCREW,BUTTON.25-20 X1.25 SS	4	
8	281369-01	PIN 1.13 DIA X 2.69"LG, C/STOP	2	
9	900734-07	SCREW,HXHD.5-13X1.75,UNC-2A,SS		
10	261837-11	BUSHING,FLNG, PLST 1.121DX.75	2	
11	903117-01	NUT,NYLON.5-13 UNC-2B SS	2	
12	904717-06	PIN ROLL .38 X 2 ZINC	2	
13	297849-01G	RAMP WLDMT, C/S 12X77.75, GALV	1	
13	297849-02G	RAMP WLDMT, C/S 12X82.75, GALV	1	
14	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
15	287587-02	BRACKET, U-BOLT HOLDER, RH F/O	1	

FLIPOVER ASSEMBLY WITH AUTO CART STOP (ALUMINUM)

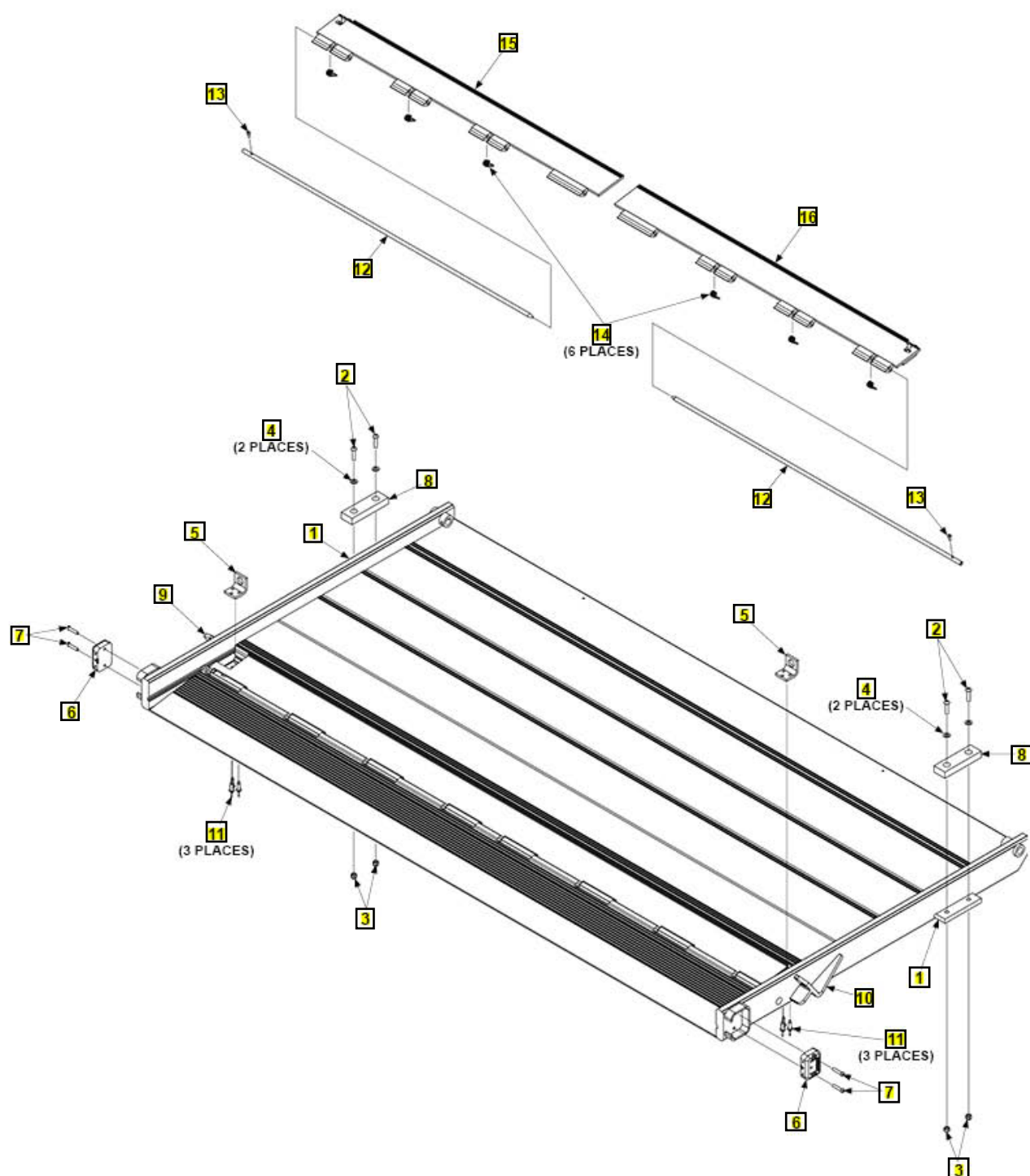
COMPLETE ASSEMBLY:

LAST UPDATED
OCT 2016 to Sept 2018**FLIPOVER ASSEMBLY WITH AUTO CART STOP (ALUMINUM)**

Pos	SKU	Description	Qty	Remark
REF	288759-01	F/O ASSY,BMR 30X80 AL,12"S/CS	1	
REF	288759-02	F/O ASSY,BMR 30X85 AL,12"S/CS	1	
REF	288759-11	F/O ASSY,BMR 30X80 AL,12"S/CS-MG	1	
REF	288759-12	F/O ASSY,BMR 30X85 AL,12"S/CS-MG	1	
1A	287591-01	FLAT, AL, BUMPER HOLDER	2	
1B	287587-01	BRACKET, U-BOLT HOLDER, LH F/O	1	
1C	287587-02	BRACKET, U-BOLT HOLDER, RH F/O	1	
2	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
3	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	4	
4	901001	NUT, NYLON 5/16-18 ZINC	4	
5	903137-01	NUT, NYL INSRT STOP .25-20 SS	4	
6	907150-01	FLASHING SAFETY LIGHT	2	
7	900719-09	SCREW,BUTTON.25-20 X1.5 SS	4	
8	281369-01	PIN 1.13 DIA X 2.69"LG, C/STOP	2	
9	900734-07	SCREW,HXHD.5-13X1.75,UNC-2A,SS	2	
10	261837-11	BUSHING,FLNG, PLST 1.121DX.75	2	
11	903117-01	NUT,NYLON.5-13 UNC-2B SS	2	
12	904717-06	PIN ROLL .38 X 2 ZINC	2	
13	288752-13G	RAMP WLDMT, C/S 12X77.75,GALV	1	
13	288752-14G	RAMP WLDMT, C/S 12X82.75,GALV	1	
14	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	

FLIPOVER ASSEMBLY WITH DUAL CART STOPS (ALUMINUM)

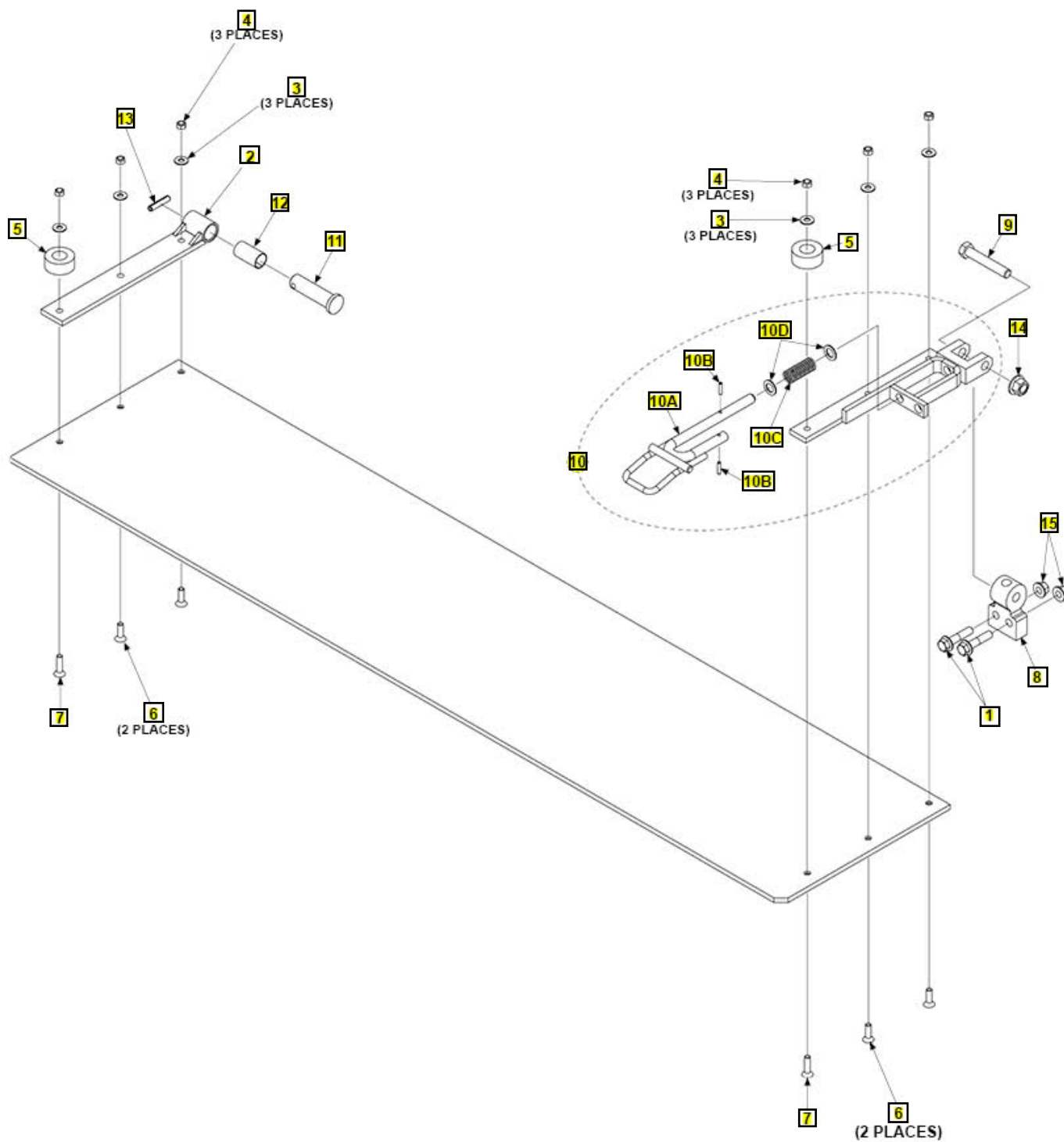
COMPLETE ASSEMBLY:

FLIPOVER ASSEMBLY WITH DUAL CART STOPS (ALUMINUM)LAST UPDATED
OCT 2018 to present

Pos	SKU	Description	Qty	Remark
REF	299194-6591MG	F/O ASSY, AL80X24+12DCS,MG,BMR	1	
REF	299194-659MG	F/O ASSY, AL80X30+12DCS,MG,BMR	1	
REF	299194-6691MG	F/O ASSY, AL85X24+12DCS,MG,BMR	1	
REF	299194-669MG	F/O ASSY, AL85X30+12DCS,MG,BMR	1	
1	287591-01	FLAT, AL, BUMPER HOLDER	2	
2	900001-4	SCREW, BUT 5/16-18X1-1/4 ALLOY	4	
3	901001	NUT, NYLON 5/16-18 ZINC	4	
4	902013-10	WASHER, FLAT 5/16" SAE, ZC	4	
5	297111-01	CATCH BRACKET, BMR	2	
6	907362-01	FLASHING SAFETY LIGHT	2	
7	900719-08	SCREW,BUTTON.25-20 X1.25 SS	4	
8	225278-02	BUMPER, 3/4X1.5X5 2HOLE RUBBER	2	
9	287587-01	BRACKET, U-BOLT HOLDER, LH F/O	1	
10	287587-02	BRACKET, U-BOLT HOLDER, RH F/O	1	
11	903719-04	RIVET,BL/DM,SS .25X.37-.5	6	
12	287443-14	PIN, CART STOP, 39.88"LG	2	
12	287443-15	PIN, CART STOP, 42.38"LG	2	
13	900722-03	SCREW,BTN 10-24 X.5,SS	2	
14	282729-01	SPRING, C/S .08 WIRE, 302 SS	6	
15	297068-04	CART STOP ASSY, DCS, 38.78" LG,LH	1	
15	297068-06	CART STOP ASSY, DCS, 41.29" LG,LH	1	
16	297068-03	CART STOP ASSY, DCS, 38.78" LG,RH	1	
16	297068-05	CART STOP ASSY, DCS, 41.29" LG,RH	1	

ALUMINUM RETENTION RAMP ASSEMBLY (FOR ALUMINUM PLATFORM)

COMPLETE ASSEMBLY:

ALUMINUM RETENTION RAMP ASSEMBLY
(FOR ALUMINUM PLATFORM)LAST UPDATED
OCT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	286834-80	16" ARR FOR 80" AL F/O	1	
REF	286834-85	16" ARR FOR 85" AL F/O	1	
1	901024-3	BOLT HEX FRAME .5-13 X 2.25"LG	2	
2	253526-01	HINGE ARM WELD'T L/H GALV	1	
3	902001-2	WASHER, FLAT 3/8X1/16 ZC	6	
4	030955	NUT, LOCK 3/8-16 GR.C ZINC	6	
5	253516	BUMPER, 2X1 RUBBER	2	
6	900040-5	SCREW, FLHD SOC 3/8-16X1-1/4ZC	4	
7	900040-6	SCREW, FLHD SOC 3/8-16X1-1/2ZC	2	
8	287530-02	HINGE FOR ARR, CASTING, ZINC PLATE	1	
9	900055-11	SCREW,HEX HEAD.625-11UNC X3.75	1	
10	287528-01	ARM ASSY, ARR, RH	1	
10A	287575-01	PIN-LOCKING WLDMT, ARR	1	
10B	904719-09	PIN ROLL,.188 X1LG,SS	2	
10C	908209-01	SPRING, COMP	1	
10D	903434-13	WASHER, FLAT, M16,SS	2	
11	253528	PIN	1	
12	253541	BEARING SELF LUBE 1X2	1	
13	904717-05	PIN ROLL .38 X 1.75 ZINC	1	
14	901023-04	FLANGE LOCK NUT,63-11,ZC	1	
15	901023	FLANGE LOCK NUT	2	

RIGHT HAND CHAIN ASSEMBLY

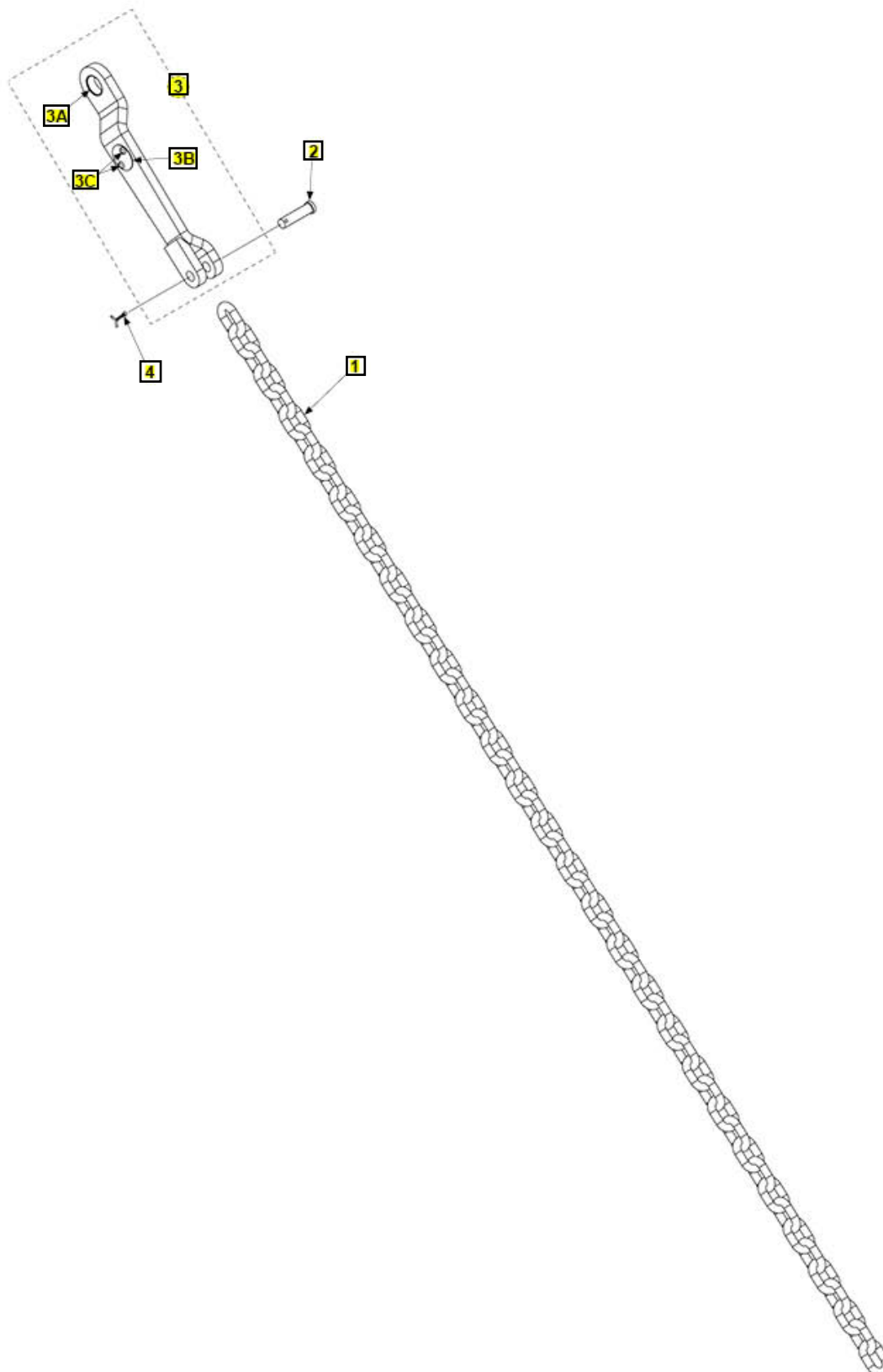
⚠ CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2018 to present

COMPLETE ASSEMBLY:

RIGHT HAND CHAIN ASSEMBLY



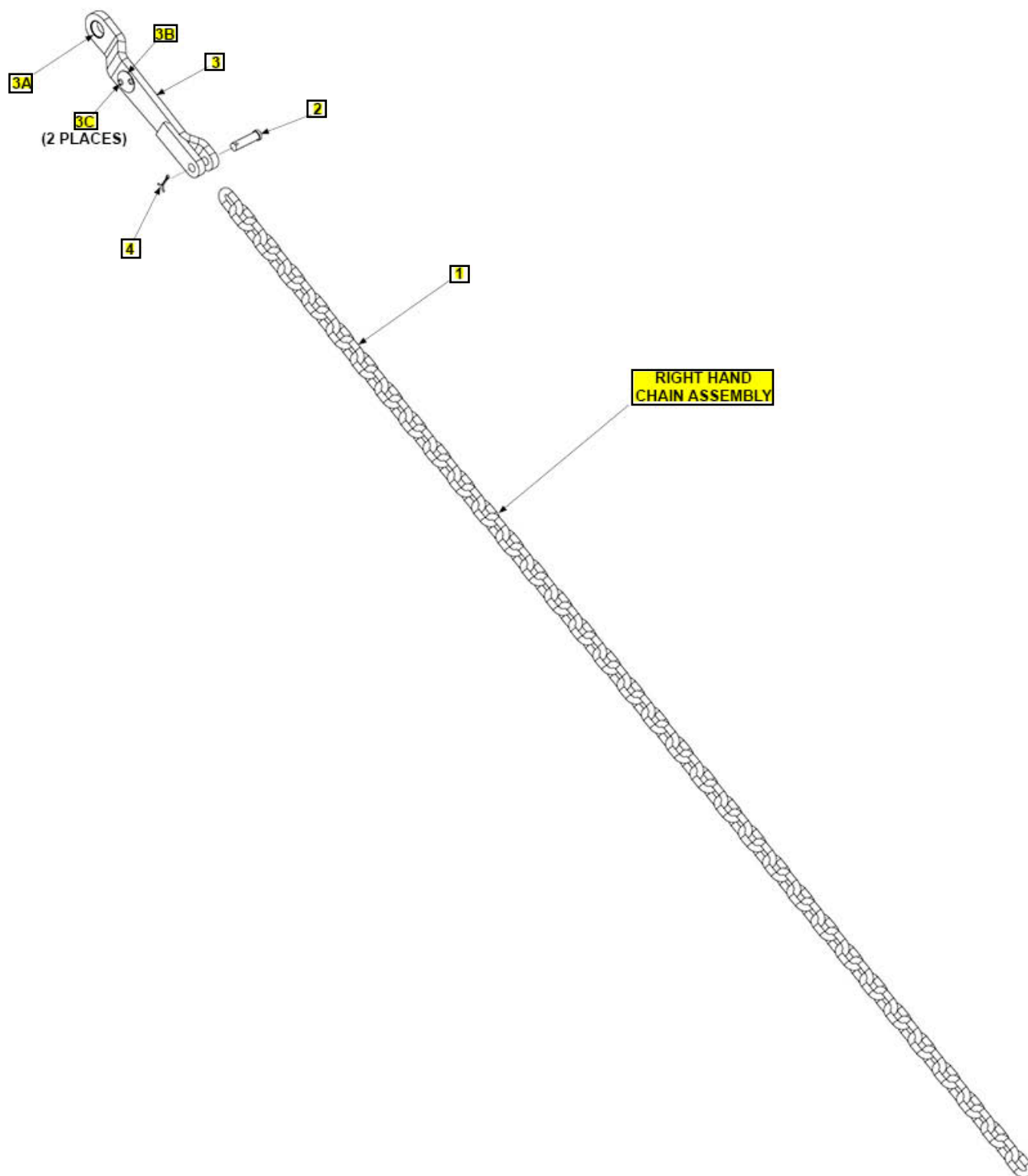
Pos	SKU	Description	Qty	Remark
REF	282867-02	CHAIN ASSY RH BMRA, 72" P/F	1	
REF	282867-06	CHAIN ASSY RH BMRA, 60" P/F	1	
REF	282867-08	CHAIN ASSY RH BMRA, 84" P/F	1	
REF	282867-10	CHAIN ASSY RH BMRA, 78" P/F	1	
REF	282867-16	CHAIN ASSY RH BMRA, 72" P/F	1	
REF	282867-18	CHAIN ASSY RH BMRA, 60" P/F	1	
1	282866-01	CHAIN .38X72.7 LG	1	
1	282866-03	CHAIN .38X63.25 LG	1	
1	282866-04	CHAIN .38X76.25 LG	1	
1	282866-05	CHAIN .38X78.5 LG	1	
1	282866-16	CHAIN, GALV, .38 X 71.52 LG	1	
1	282866-17	CHAIN, GALV, .38 X 62.10 LG	1	
2	905136-01	PIN CLEVIS .500 X 1.906 GR8	1	
3	280505-02	TEAR DROP ASSY RH BMRA, GALV	1	
3A	260078	BEARING SELF LUBE 1X1/2	1	
3B	260009	PLATE HANDS CLEAR 1-3/8 DIA.	1	
3C	207644-03	RIVET BLND.19 X.83 DOME	2	
4	030805	COTTER PIN 1/8 X 1"	1	

RIGHT HAND CHAIN ASSEMBLY

⚠ CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2016 to Sept 2018



Pos	SKU	Description	Qty	Remark
REF	282867-02	CHAIN ASSY RH BMRA, 72" P/F	1	
REF	282867-06	CHAIN ASSY RH BMRA, 60" P/F	1	
REF	282867-10	CHAIN ASSY RH BMRA, 78" P/F	1	
1	282866-01	CHAIN .38X72.7 LG	1	
1	282866-03	CHAIN .38X63.25 LG	1	
1	282866-05	CHAIN .38X78.5 LG	1	
2	905136-01	PIN CLEVIS .500 X 1.906 GR8	1	
3	280505-02	TEAR DROP ASSY RH BMRA, GALV	1	
3A	260078	BEARING SELF LUBE 1X1/2	1	
3B	260009	PLATE HANDS CLEAR 1-3/8 DIA.	1	
3C	207644-03	RIVET BLND.19 X.83 DOME	2	
4	030805	COTTER PIN 1/8 X 1"	1	

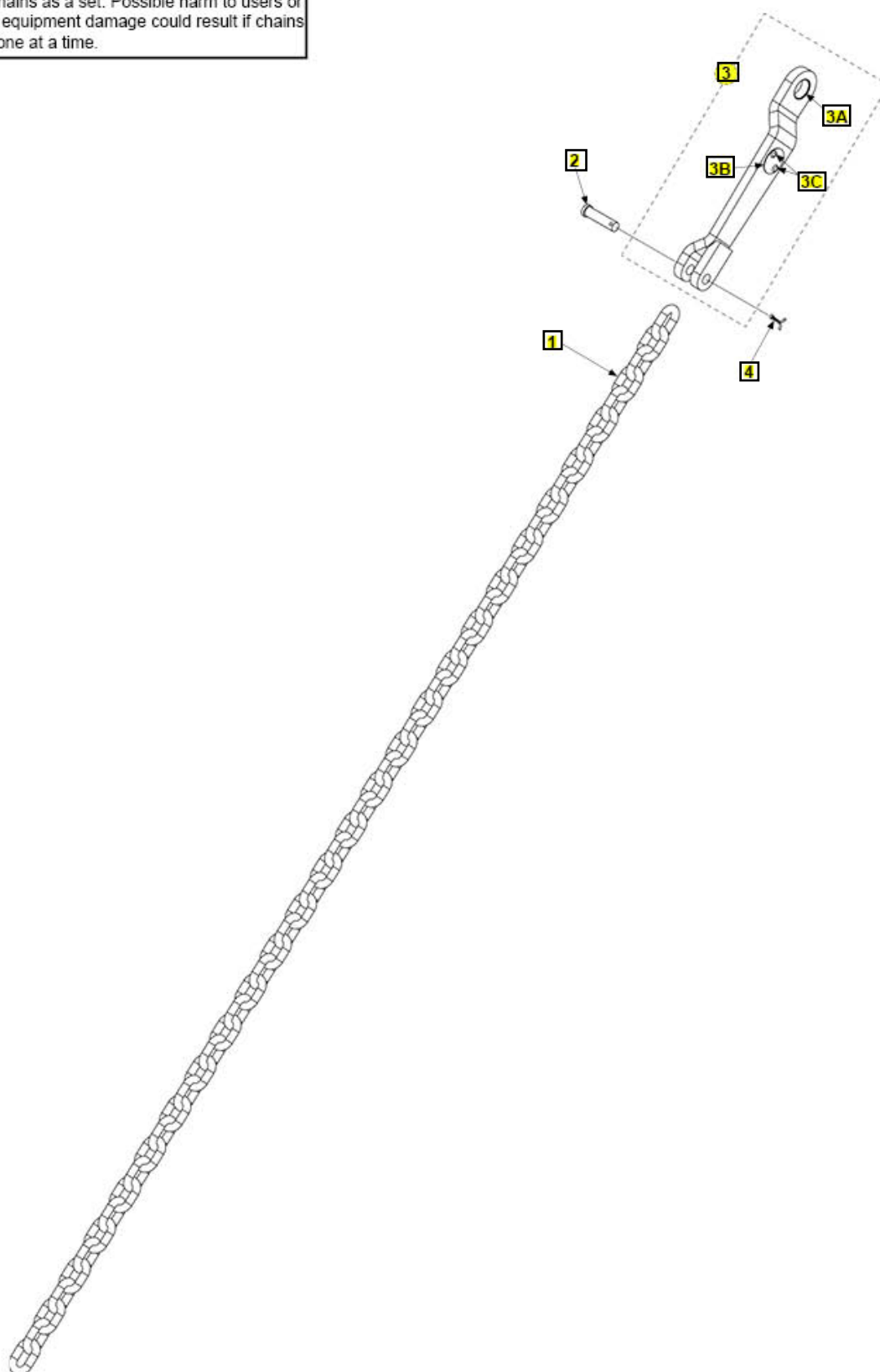
LEFT HAND CHAIN ASSEMBLY

COMPLETE ASSEMBLY:

LEFT HAND CHAIN ASSEMBLY

LAST UPDATED
OCT 2018 to present**⚠ CAUTION**

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.



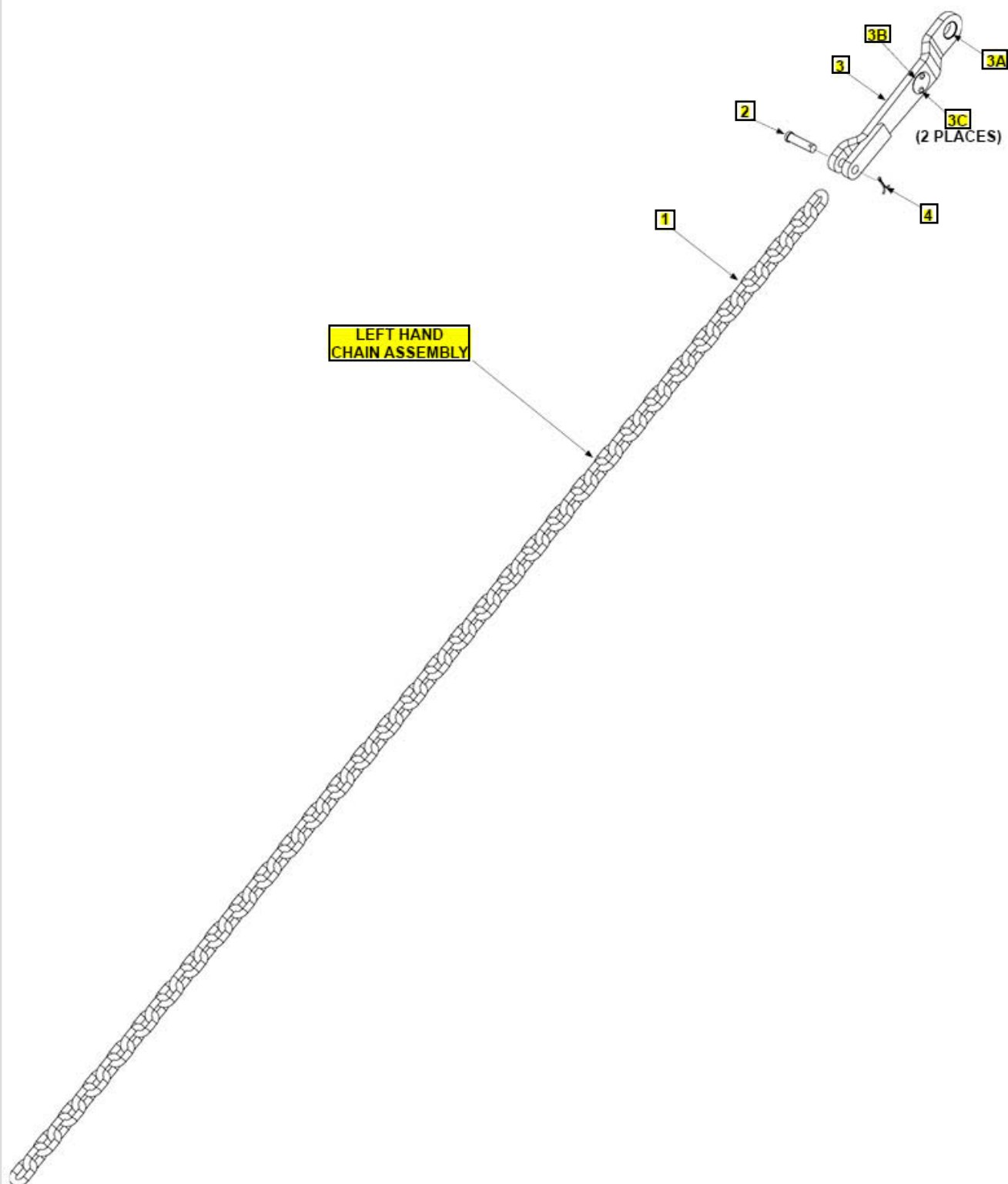
Pos	SKU	Description	Qty	Remark
REF	282867-01	CHAIN ASSY LH BMRA, 72" P/F	1	
REF	282867-05	CHAIN ASSY LH BMRA, 60" P/F	1	
REF	282867-07	CHAIN ASSY LH BMRA, 84" P/F	1	
REF	282867-09	CHAIN ASSY LH BMRA, 78" P/F	1	
REF	282867-15	CHAIN ASSY LH BMRA, 72" P/F	1	
REF	282867-17	CHAIN ASSY LH BMRA, 60" P/F	1	
1	282866-01	CHAIN .38X72.7 LG	1	
1	282866-03	CHAIN .38X63.25 LG	1	
1	282866-04	CHAIN .38X76.25 LG	1	
1	282866-05	CHAIN .38X78.5 LG	1	
1	282866-16	CHAIN, GALV, .38 X 71.52 LG	1	
1	282866-17	CHAIN, GALV, .38 X 62.10 LG	1	
2	905136-01	PIN CLEVIS .500 X 1.906 GR8	1	
3	280505-01	TEAR DROP ASSY LH BMRA, GALV	1	
3A	260078	BEARING SELF LUBE 1X1/2	1	
3B	260009	PLATE HANDS CLEAR 1-3/8 DIA.	1	
3C	207644-03	RIVET BLND.19 X.83 DOME	2	
4	030805	COTTER PIN 1/8 X 1"	1	

LEFT HAND CHAIN ASSEMBLY

⚠ CAUTION

MAXON recommends replacing Left Hand & Right Hand platform support chains as a set. Possible harm to users or bystanders and/or equipment damage could result if chains are only replaced one at a time.

LAST UPDATED
OCT 2016 to Sept 2018



Pos	SKU	Description	Qty	Remark
REF	282867-01	CHAIN ASSY LH BMRA, 72" P/F	1	
REF	282867-05	CHAIN ASSY LH BMRA, 60" P/F	1	
REF	282867-09	CHAIN ASSY LH BMRA, 78" P/F	1	
1	282866-01	CHAIN .38X72.7 LG	1	
1	282866-03	CHAIN .38X63.25 LG	1	
1	282866-05	CHAIN .38X78.5 LG	1	
2	905136-01	PIN CLEVIS .500 X 1.906 GR8	1	
3	280505-01	TEAR DROP ASSY LH BMRA, GALV	1	
3A	260078	BEARING SELF LUBE 1X1/2	1	
3B	260009	PLATE HANDS CLEAR 1-3/8 DIA.	1	
3C	207644-03	RIVET BLND.19 X.83 DOME	2	
4	030805	COTTER PIN 1/8 X 1"	1	

BMR COLUMNLIFT® SERIES

Hydraulic Systems

Gravity Down (Mar 2022 - present)

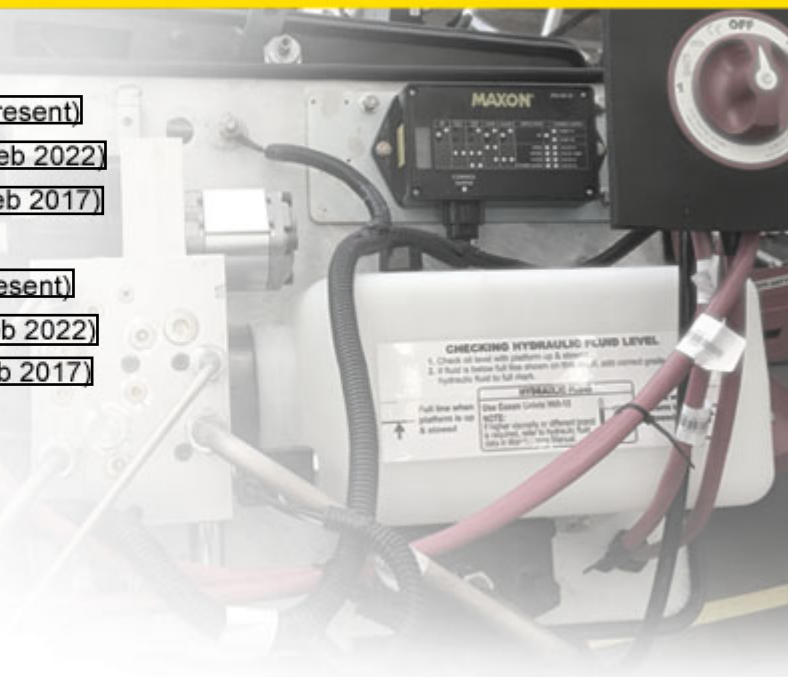
Gravity Down (Mar 2017 - Feb 2022)

Gravity Down (Oct 2016 - Feb 2017)

Power Down (Mar 2022 - present)

Power Down (Mar 2017 - Feb 2022)

Power Down (Oct 2016 - Feb 2017)



Pos	SKU	Description	Qty	Remark
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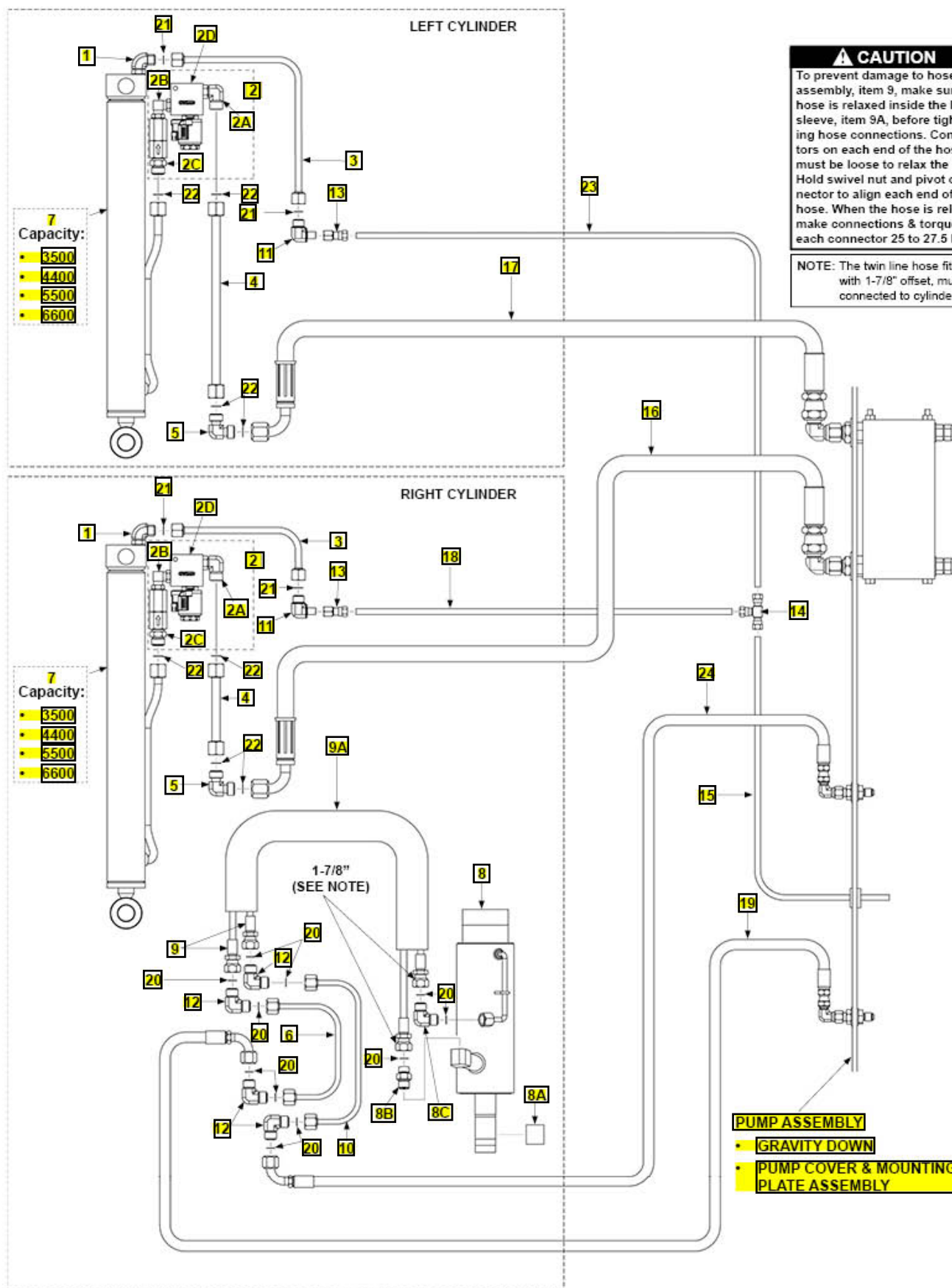
HYDRAULIC SYSTEMS - GRAVITY DOWN

LAST UPDATED
MAR 2022 to present

CAUTION

To prevent damage to hose assembly, item 3, make sure hose is relaxed inside the hose sleeve, item 9A, before tightening hose connections. Connectors on each end of the hose must be loose to relax the hose. Hold swivel nut and pivot connector to align each end of the hose. When the hose is relaxed, make connections & torque each connector 25 to 27.5 lb-ft.

NOTE: The twin line hose fittings, with 1-7/8" offset, must be connected to cylinder.



Pos	SKU	Description	Qty	Remark
REF	211310-12	PUMP BOX ASSY. G/D 12V, BMR	1	
REF	211310-24	PUMP BOX ASSY. G/D 24V, BMR	1	
1	906707-01	ELBOW, NPSC,SAE #6 F/S O-R M-M	2	
2	288520-12	HYD LOCK & PRESS COMP VLV ASSY, 12V	2	
2A	905158	ELBOW STRAIGHT, F/S#-O-R #6	2	
2B	906722-01	ELBOW, 90 NPSC O-RING #6M-M	2	
2C	288518-01	PRESSURE COMP. VALVE ASSY, 3GPM	2	
2D	282999-01	LOCK VALVE ASSY, 12V	2	
3	286283-01	F/S TUBE ASSY, RTN LINE BMRB	2	
4	286282-01	F/S TUBE ASSY, LFT LINE BMRB	2	
5	906830-01	UNION,ELBOW,F/S #8M-#8M 90DEG	2	
6	286296-01	TUBE ASSY, .25 DIA F/S	1	
7-34	286335-01	CYL D/ACT, 1.75BX53.13XTRX1R	2	
7-56	286335-02	CYL D/ACT, 2BX53.13STRX1R	2	
8	212871-01	CYL ASSY D/ACT,2.75BX5.25 STRX1.13R	1	
8A	908178-02	BEARING,PRE LUBRICATING 1.00ID X 1.0 LG	1	
8B	905179	CONNEC. F/S #4, O-RING#6 M-M	1	
8C	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	1	
9	296853-01	HOSE & CABLE ASSY, BMR	1	
9A	099966-10	SLEEVE, EXPANDABLE, BRAIDED 1IN ID BLACK, 36IN L	1	
10	286298-01	TUBE ASSY, .25 DIA F/S	1	

Pos	SKU	Description	Qty	Remark
11	905157	ELBOW 3/8 F/S 1/4 NPTF M-M	2	
12	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	4	
13	905156	AIR BRAKE CONNECTOR	2	
14	905155	TEE UNION AIR BRAKE 3/8	1	
15	099996-02	TUBING,.375 THERMOPLASTIC 7.0'	1	
15	099996-03	TUBING.375 THERMOPLASTIC 16.0'	1	
15	099996-08	TUBING.375 THERMOPLASTIC 27.0'	1	
15	099996-09	TUBING,.375 THERMOPLASTIC 35.0	1	
15	099996-10	TUBING,.375 THERMOPLASTIC 22.0	1	
16	210877-01	H/A HP .38, F/S#8 90° F-JIC #8F 80IN	1	
16	210877-03	H/A HP .38, F/S#8 90° F-JIC #8F 196IN	1	
16	210877-05	H/A HP .38, F/S#8 90° F-JIC #8F 316IN	1	
16	210877-09	H/A HP .38, F/S#8 90° F-JIC #8F 412IN	1	
16	210877-13	H/A HP .38, F/S#8 90° F-JIC #8F 256IN	1	
17	210877-02	H/A HP .38, F/S#8 90° F-JIC #8F 158IN	1	
17	210877-04	H/A HP .38, F/S#8 90° F-JIC #8F 274IN	1	
17	210877-06	H/A HP .38, F/S#8 90° F-JIC #8F 394IN	1	
17	210877-10	H/A HP .38, F/S#8 90° F-JIC #8F 490IN	1	
17	210877-14	H/A HP .38, F/S#8 90° F-JIC #8F 334IN	1	
18	099996-06	TUBING,.375 THERMOPLASTIC,2.0'	1	
19	210878-01	H/A HP .25, F/S#4 90° F-JIC #4F 72IN	1	

Pos	SKU	Description	Qty	Remark
19	210878-02	H/A HP .25, F/S#4 90° F-JIC #4F 188IN	1	
19	210878-03	H/A HP .25, F/S#4 90° F-JIC #4F 308IN	1	
19	210878-05	H/A HP .25, F/S#4 90° F-JIC #4F 404IN	1	
19	210878-09	H/A HP .25, F/S#4 90° F-JIC #4F 248IN	1	
20	906712-01	O-RING #4, 1/4 ORFS TUBE END	13	
21	906712-02	O-RING #6, 3/8 ORFS TUBE END	4	
22	906712-03	O-RING #8, 1/2 ORFS TUBE END	8	
23	099996-05	TUBING,.375 THERMOPLASTIC 9.0'	1	
24	210878-01-100	H/A HP .25, F/S#4 90° F-JIC #4F 72IN W/ YEL TAPE	1	
24	210878-02-100	H/A HP .25, F/S#4 90° F-JIC #4F 188IN W/ YEL TAPE	1	
24	210878-03-100	H/A HP .25, F/S#4 90° F-JIC #4F 308IN W/ YEL TAPE	1	
24	210878-05-100	H/A HP .25, F/S#4 90° F-JIC #4F 404IN W/ YEL TAPE	1	
24	210878-09-100	H/A HP .25, F/S#4 90° F-JIC #4F 248IN W/ YEL TAPE	1	

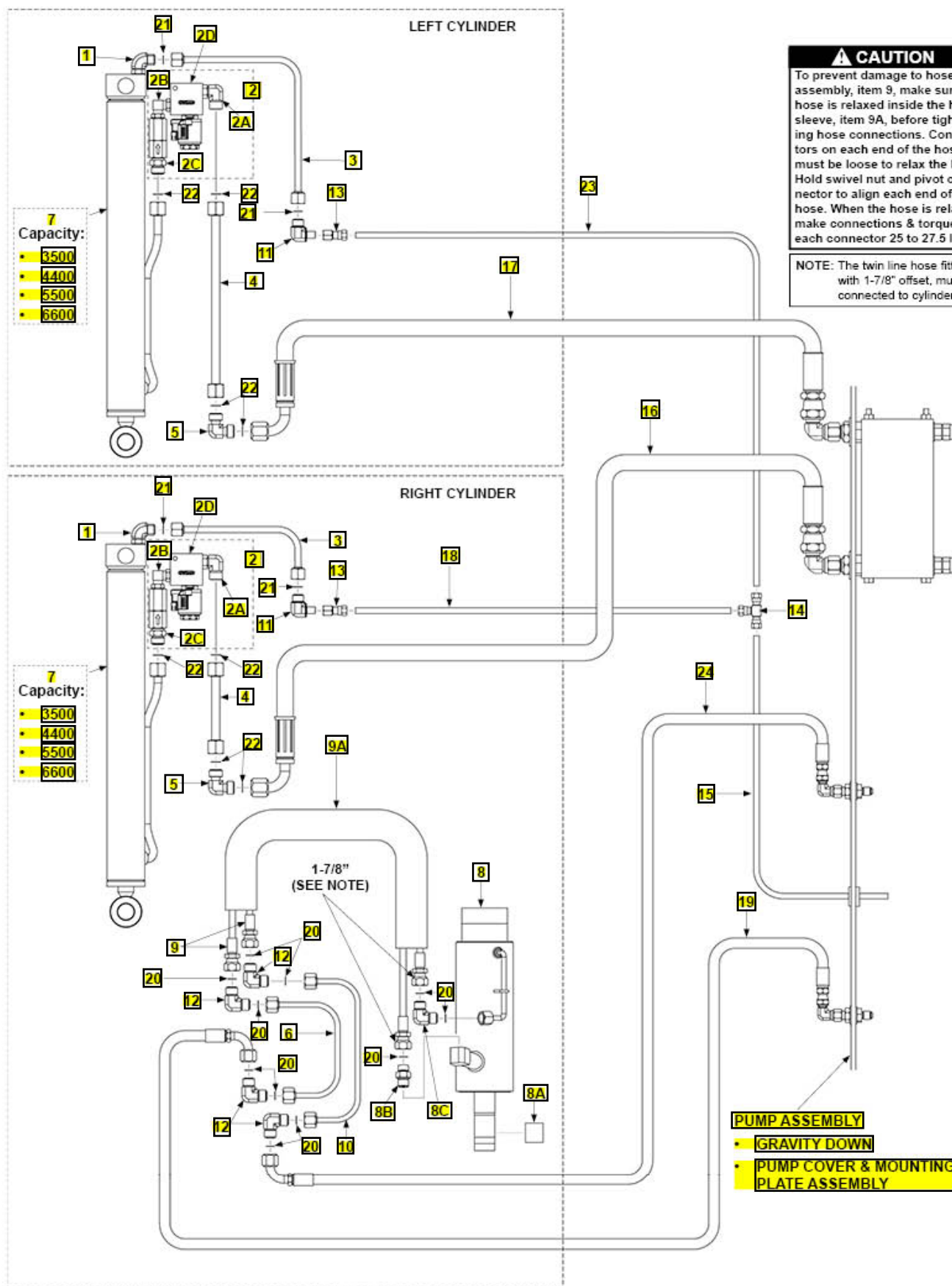
HYDRAULIC SYSTEMS - GRAVITY DOWN (BUCHER HYDRAULICS)

LAST UPDATED
MAR 2017 to FEB 2022

CAUTION

To prevent damage to hose assembly, item 3, make sure hose is relaxed inside the hose sleeve, item 9A, before tightening hose connections. Connectors on each end of the hose must be loose to relax the hose. Hold swivel nut and pivot connector to align each end of the hose. When the hose is relaxed, make connections & torque each connector 25 to 27.5 lb-ft.

NOTE: The twin line hose fittings, with 1-7/8" offset, must be connected to cylinder.



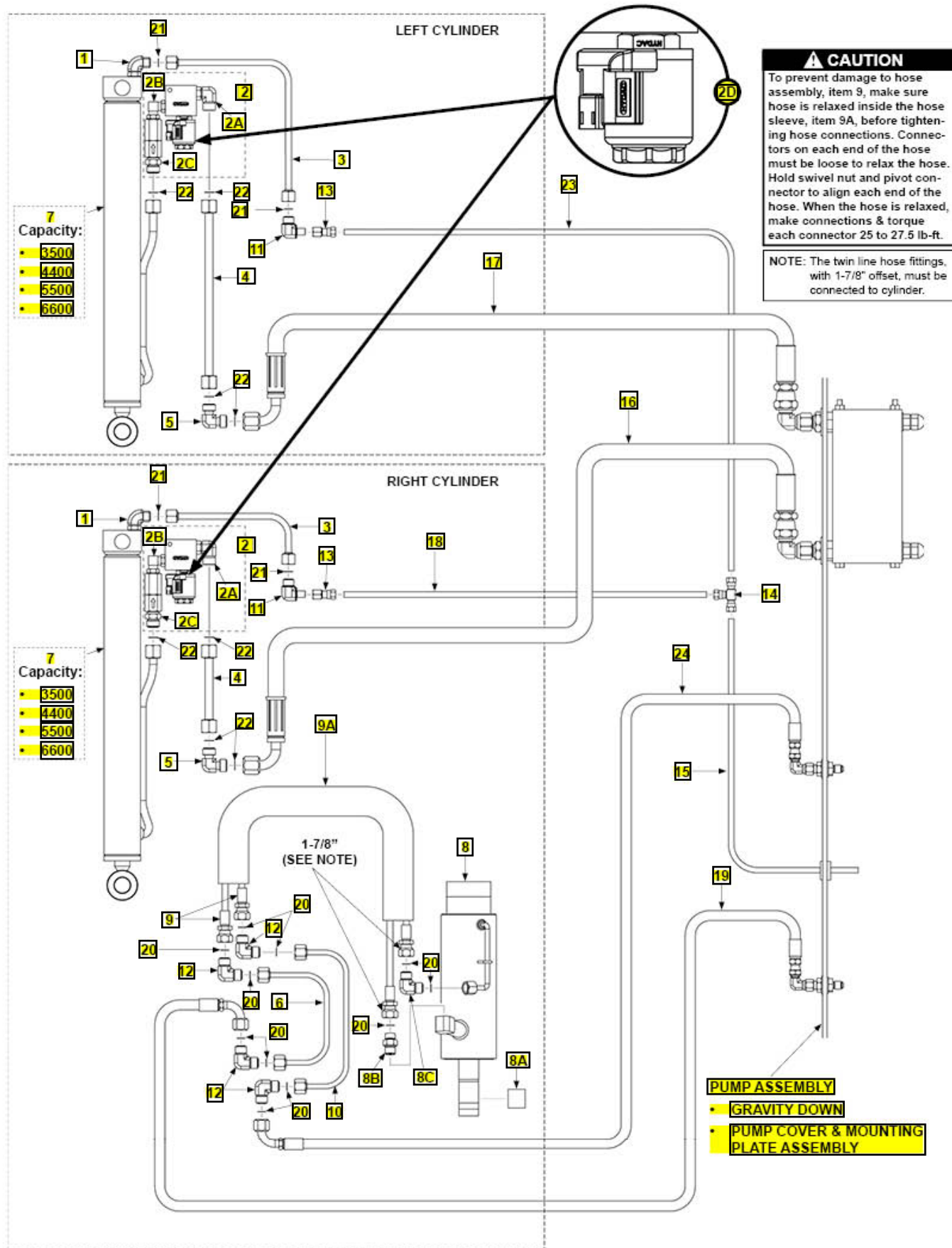
Pos	SKU	Description	Qty	Remark
REF	296190-12	BMR PMP BOX ASSY, G/D 12V	1	
1	906707-01	ELBOW, NPSC,SAE #6 F/S O-R M-M	2	
2	288520-12	HYD LOCK & PRESS COMP VLV ASSY, 12V	2	
2A	905158	ELBOW STRAIGHT, F/S#-O-R #6	2	
2B	906722-01	ELBOW, 90 NPSC O-RING #6M-M	2	
2C	288518-01	PRESSURE COMP. VALVE ASSY, 3GPM	2	
2D	282999-01	LOCK VALVE ASSY, 12V	2	
3	286283-01	F/S TUBE ASSY, RTN LINE BMRB	2	
4	286282-01	F/S TUBE ASSY, LFT LINE BMRB	2	
5	906830-01	UNION,ELBOW,F/S #8M-#8M 90DEG	2	
6	286296-01	TUBE ASSY, .25 DIA F/S	1	
7-34	286335-01	CYL D/ACT, 1.75BX53.13XTRX1R	2	
7-56	286335-02	CYL D/ACT, 2BX53.13STRX1R	2	
8	212871-01	CYL ASSY D/ACT,2.75BX5.25 STRX1.13R	1	
8A	908178-02	BEARING,PRE LUBRICATING 1.00ID X 1.0 LG	1	
8B	905179	CONNEC. F/S #4, O-RING#6 M-M	1	
8C	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	1	
9	296853-01	HOSE & CABLE ASSY, BMR	1	
9A	099966-10	SLEEVE, EXPANDABLE, BRAIDED 1IN ID BLACK, 36IN L	1	
10	286298-01	TUBE ASSY, .25 DIA F/S	1	
11	905157	ELBOW 3/8 F/S 1/4 NPTF M-M	2	

Pos	SKU	Description	Qty	Remark
12	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	4	
13	905156	AIR BRAKE CONNECTOR	2	
14	905155	TEE UNION AIR BRAKE 3/8	1	
15	099996-02	TUBING,.375 THERMOPLASTIC 7.0'	1	
15	099996-03	TUBING.375 THERMOPLASTIC 16.0'	1	
15	099996-08	TUBING.375 THERMOPLASTIC 27.0'	1	
15	099996-09	TUBING,.375 THERMOPLASTIC 35.0	1	
15	099996-10	TUBING,.375 THERMOPLASTIC 22.0	1	
16	210877-01	H/A HP .38, F/S#8 90° F-JIC #8F 80IN	1	
16	210877-03	H/A HP .38, F/S#8 90° F-JIC #8F 196IN	1	
16	210877-05	H/A HP .38, F/S#8 90° F-JIC #8F 316IN	1	
16	210877-09	H/A HP .38, F/S#8 90° F-JIC #8F 412IN	1	
16	210877-13	H/A HP .38, F/S#8 90° F-JIC #8F 256IN	1	
17	210877-02	H/A HP .38, F/S#8 90° F-JIC #8F 158IN	1	
17	210877-04	H/A HP .38, F/S#8 90° F-JIC #8F 274IN	1	
17	210877-06	H/A HP .38, F/S#8 90° F-JIC #8F 394IN	1	
17	210877-10	H/A HP .38, F/S#8 90° F-JIC #8F 490IN	1	
17	210877-14	H/A HP .38, F/S#8 90° F-JIC #8F 334IN	1	
18	099996-06	TUBING,.375 THERMOPLASTIC,2.0'	1	
19	210878-01	H/A HP .25, F/S#4 90° F-JIC #4F 72IN	1	

Pos	SKU	Description	Qty	Remark
19	210878-02	H/A HP .25, F/S#4 90° F-JIC #4F 188IN	1	
19	210878-03	H/A HP .25, F/S#4 90° F-JIC #4F 308IN	1	
19	210878-05	H/A HP .25, F/S#4 90° F-JIC #4F 404IN	1	
19	210878-09	H/A HP .25, F/S#4 90° F-JIC #4F 248IN	1	
20	906712-01	O-RING #4, 1/4 ORFS TUBE END	13	
21	906712-02	O-RING #6, 3/8 ORFS TUBE END	4	
22	906712-03	O-RING #8, 1/2 ORFS TUBE END	8	
23	099996-05	TUBING,.375 THERMOPLASTIC 9.0'	1	
24	210878-01-100	H/A HP .25, F/S#4 90° F-JIC #4F 72IN W/ YEL TAPE	1	
24	210878-02-100	H/A HP .25, F/S#4 90° F-JIC #4F 188IN W/ YEL TAPE	1	
24	210878-03-100	H/A HP .25, F/S#4 90° F-JIC #4F 308IN W/ YEL TAPE	1	
24	210878-05-100	H/A HP .25, F/S#4 90° F-JIC #4F 404IN W/ YEL TAPE	1	
24	210878-09-100	H/A HP .25, F/S#4 90° F-JIC #4F 248IN W/ YEL TAPE	1	

HYDRAULIC SYSTEMS - GRAVITY DOWN (MTE HYDRAULICS)

LAST UPDATED
OCT 2016 to FEB 2017



Pos	SKU	Description	Qty	Remark
REF	296190-12	BMR PMP BOX ASSY, G/D 12V	1	
1	906707-01	ELBOW, NPSC,SAE #6 F/S O-R M-M	2	
2	288520-12	HYD LOCK & PRESS COMP VLV ASSY, 12V	2	
2A	905158	ELBOW STRAIGHT, F/S#-O-R #6	2	
2B	906722-01	ELBOW, 90 NPSC O-RING #6M-M	2	
2C	288518-01	PRESSURE COMP. VALVE ASSY, 3GPM	2	
2D	282999-01	LOCK VALVE ASSY, 12V	2	
3	286283-01	F/S TUBE ASSY, RTN LINE BMRB	2	
4	286282-01	F/S TUBE ASSY, LFT LINE BMRB	2	
5	906830-01	UNION,ELBOW,F/S #8M-#8M 90DEG	2	
6	286296-01	TUBE ASSY, .25 DIA F/S	1	
7-34	286335-01	CYL D/ACT, 1.75BX53.13XTRX1R	2	
7-56	286335-02	CYL D/ACT, 2BX53.13STRX1R	2	
8	212871-01	CYL ASSY D/ACT,2.75BX5.25 STRX1.13R	1	
8A	908178-02	BEARING,PRE LUBRICATING 1.00ID X 1.0 LG	1	
8B	905179	CONNEC. F/S #4, O-RING#6 M-M	1	
8C	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	1	
9	296853-01	HOSE & CABLE ASSY, BMR	1	
9A	099966-10	SLEEVE, EXPANDABLE, BRAIDED 1IN ID BLACK, 36IN L	1	
10	286298-01	TUBE ASSY, .25 DIA F/S	1	
11	905157	ELBOW 3/8 F/S 1/4 NPTF M-M	2	

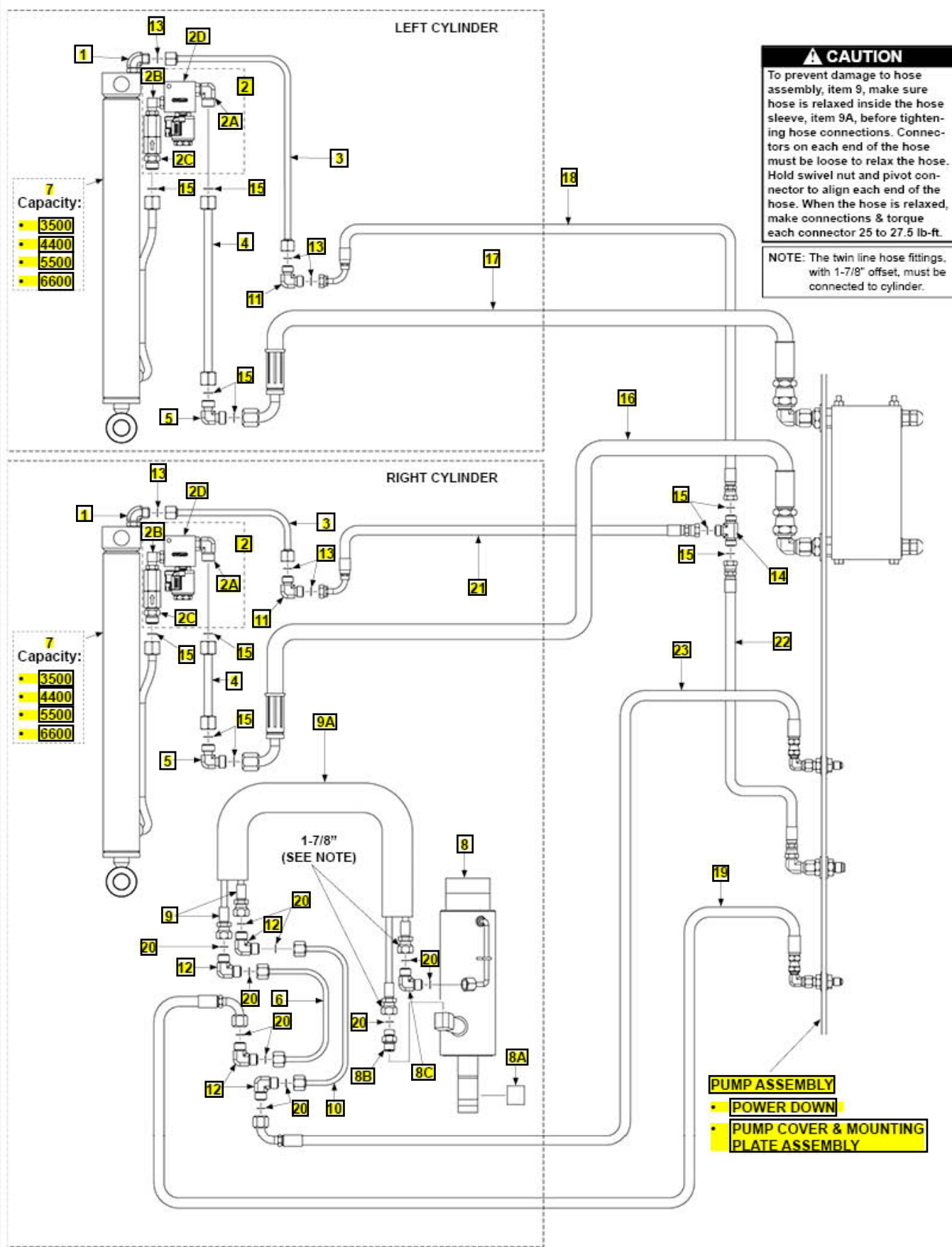
Pos	SKU	Description	Qty	Remark
12	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	4	
13	905156	AIR BRAKE CONNECTOR	2	
14	905155	TEE UNION AIR BRAKE 3/8	1	
15	099996-02	TUBING,.375 THERMOPLASTIC 7.0'	1	
15	099996-03	TUBING.375 THERMOPLASTIC 16.0'	1	
15	099996-08	TUBING.375 THERMOPLASTIC 27.0'	1	
15	099996-09	TUBING,.375 THERMOPLASTIC 35.0	1	
15	099996-10	TUBING,.375 THERMOPLASTIC 22.0	1	
16	280223-01	(REPLACED BY 210877-01) H/A HP.38 F/S#8 90 F-JIC#8F, 80 IN	1	
16	280223-03	(REPLACED BY 210877-03) H/A HP.38F/S#8 90 F-JIC#8F196 IN	1	
16	280223-05	(REPLACED BY 210877-05) H/A HP.38F/S#8 90 F-JIC#8F316 IN	1	
16	280223-09	H/A HP.38F/S#8 90F-JIC#8F 412 IN	1	
16	280223-13	(REPLACED BY 210877-13) H/A HP.38F/S#8 90F-JIC#8F 256 IN	1	
17	280223-02	(REPLACED BY 210877-02) H/A HP.38 F/S#8 90 F-JIC#8F158 IN	1	
17	280223-04	(REPLACED BY 210877-04) H/A HP.38F/S#8 90 F-JIC#8F274 IN	1	
17	280223-06	(REPLACED BY 210877-06) H/A HP.38F/S#8 90 F-JIC#8F394 IN	1	
17	280223-10	(REPLACED BY 210877-10) H/A HP.38F/S#8 90F-JIC#8F 490 IN	1	

Pos	SKU	Description	Qty	Remark
17	280223-14	(REPLACED BY 210877-14) H/A HP.38F/S#8 90F-JIC#8F 334 IN	1	
18	099996-06	TUBING,.375 THERMOPLASTIC,2.0'	1	
19	280232-01	(REPLACED BY 210878-01) H/A HP .25 F/S NO. 4 90 DEGREES F-JIC NO. 4 F, 72 IN	1	
19	280232-02	(REPLACED BY 210878-02) H/A HP .25 F/S NO. 4 90 DEGREES F-JIC NO. 4 F, 188 IN	1	
19	280232-03	(REPLACED BY 210878-03) H/A HP .25 F/S NO.4 90 DEGREES F-JIC NO.4 F, 308 IN	1	
19	280232-05	(REPLACED BY 210878-05) H/A HP .25 F/S NO.4 90 DEGREES F-JIC NO.4 F, 404 IN	1	
19	280232-09	(REPLACED BY 210878-09) H/A HP .25 F/S NO.4 90 DEGREES F-JIC NO.4 F, 248 IN	1	
20	906712-01	O-RING #4, 1/4 ORFS TUBE END	13	
21	906712-02	O-RING #6, 3/8 ORFS TUBE END	4	
22	906712-03	O-RING #8, 1/2 ORFS TUBE END	8	
23	099996-05	TUBING,.375 THERMOPLASTIC 9.0'	1	
24	280232-01-100	(REPLACED BY 210878-01-100) H/A HP1/4F/S#4 90F-JIC#4F 72 IN W/YEL TAPE	1	
24	280232-02-100	(REPLACED BY 210878-02-100) H/A HP1/4F/S#4 90F-JIC#4F 188 IN W/YEL TAPE	1	
24	280232-03-100	(REPLACED BY 210878-03-100) H/A	1	

Pos	SKU	Description	Qty	Remark
		HP1/4F/S#4 90F-JIC#4F 308 IN W/YEL TAPE		
24	280232-05-100	H/A HP.25F/S#4 90F-JIC#4F 404 IN W/YEL TAPE	1	
24	280232-09-100	H/A HP.25F/S#4 90F-JIC#4F 248 IN W/YEL TAPE	1	

HYDRAULIC SYSTEMS - POWER DOWN

LAST UPDATED
MAR 2022 to present



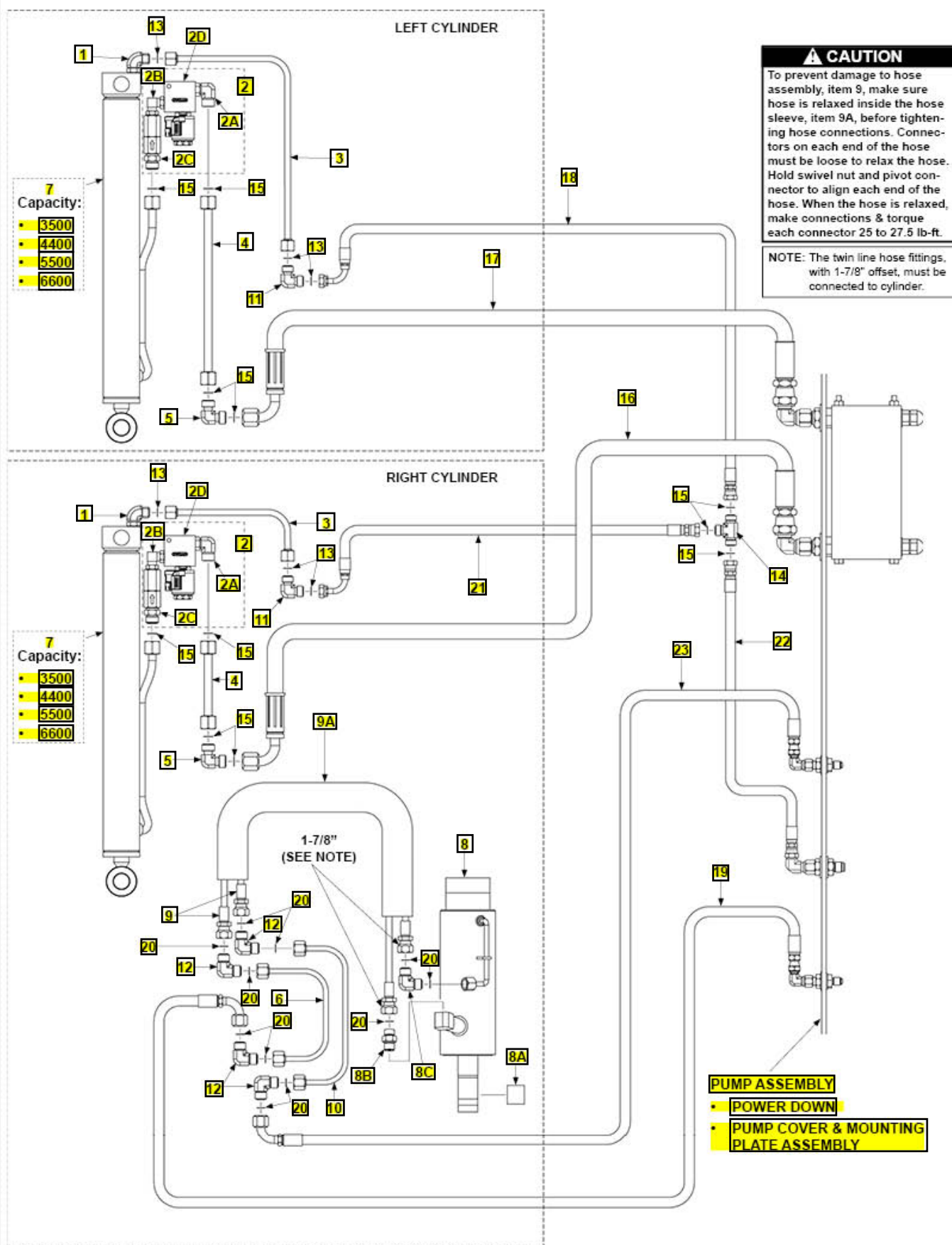
Pos	SKU	Description	Qty	Remark
REF	211300-12	PUMP BOX ASSY. P/D 12V, BMR	1	
REF	211300-24	PUMP BOX ASSY. P/D 24V, BMR	1	
1	906707-01	ELBOW, NPSC,SAE #6 F/S O-R M-M	2	
2	288520-12	HYD LOCK & PRESS COMP VLV ASSY, 12V	2	
2A	905158	ELBOW STRAIGHT, F/S#-O-R #6	2	
2B	906722-01	ELBOW, 90 NPSC O-RING #6M-M	2	
2C	288518-01	PRESSURE COMP. VALVE ASSY, 3GPM	2	
2D	282999-01	LOCK VALVE ASSY, 12V	2	
3	286283-01	F/S TUBE ASSY, RTN LINE BMRB	2	
4	286282-01	F/S TUBE ASSY, LFT LINE BMRB	2	
5	906830-01	UNION,ELBOW,F/S #8M-#8M 90DEG	2	
6	286296-01	TUBE ASSY, .25 DIA F/S	1	
7-34	286335-01	CYL D/ACT, 1.75BX53.13XTRX1R	2	
7-56	286335-02	CYL D/ACT, 2BX53.13STRX1R	2	
8	212871-01	CYL ASSY D/ACT,2.75BX5.25 STRX1.13R	1	
8A	908178-02	BEARING,PRE LUBRICATING 1.00ID X 1.0 LG	1	
8B	905179	CONNEC. F/S #4, O-RING#6 M-M	1	
8C	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	1	
9	296853-01	HOSE & CABLE ASSY, BMR	1	
9A	099966-10	SLEEVE, EXPANDABLE, BRAIDED 1IN ID BLACK, 36IN L	1	
10	286298-01	TUBE ASSY, .25 DIA F/S	1	

Pos	SKU	Description	Qty	Remark
11	906829-01	UNION,ELBOW,F/S #6M-#6M 90DEG	2	
12	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	4	
13	906712-02	O-RING #6, 3/8 ORFS TUBE END	6	
14	905150	TEE, UNION 3/8 F.S. MALE,6-JLO	1	
15	906712-03	O-RING #8, 1/2 ORFS TUBE END	11	
16	210877-01	H/A HP .38, F/S#8 90° F-JIC #8F 80IN	1	
16	210877-03	H/A HP .38, F/S#8 90° F-JIC #8F 196IN	1	
16	210877-05	H/A HP .38, F/S#8 90° F-JIC #8F 316IN	1	
16	210877-09	H/A HP .38, F/S#8 90° F-JIC #8F 412IN	1	
16	210877-13	H/A HP .38, F/S#8 90° F-JIC #8F 256IN	1	
17	210877-02	H/A HP .38, F/S#8 90° F-JIC #8F 158IN	1	
17	210877-04	H/A HP .38, F/S#8 90° F-JIC #8F 274IN	1	
17	210877-06	H/A HP .38, F/S#8 90° F-JIC #8F 394IN	1	
17	210877-10	H/A HP .38, F/S#8 90° F-JIC #8F 490IN	1	
17	210877-14	H/A HP .38, F/S#8 90° F-JIC #8F 334IN	1	
18	264294-02	(REPLACED BY 210880-02) HOSE/A HP .25, F/S NO.6 90 DEGREES F-F/S NO.6 F 100 IN	1	
19	210878-01	H/A HP .25, F/S#4 90° F-JIC #4F 72IN	1	
19	210878-02	H/A HP .25, F/S#4 90° F-JIC #4F 188IN	1	
19	210878-03	H/A HP .25, F/S#4 90° F-JIC #4F 308IN	1	

Pos	SKU	Description	Qty	Remark
19	210878-05	H/A HP .25, F/S#4 90° F-JIC #4F 404IN	1	
19	210878-09	H/A HP .25, F/S#4 90° F-JIC #4F 248IN	1	
20	906712-01	O-RING #4, 1/4 ORFS TUBE END	11	
21	264294-03	(REPLACED BY 210880-03) HOSE/A HP .25, F/S NO. 6 90 DEGREES F-F/S NO. 6 F 24 IN	1	
22	210879-01	H/A HP .25, F/S #6F - JIC #6F, 50IN	1	
22	210879-02	H/A HP .25, F/S #6F - JIC #6F, 166IN	1	
22	210879-03	H/A HP .25, F/S #6F - JIC #6F, 286IN	1	
22	210879-04	H/A HP .25, F/S #6F - JIC #6F, 382IN	1	
22	210879-06	H/A HP .25, F/S #6F - JIC #6F, 226IN	1	
23	210878-01-100	H/A HP .25, F/S#4 90° F-JIC #4F 72IN W/ YEL TAPE	1	
23	210878-02-100	H/A HP .25, F/S#4 90° F-JIC #4F 188IN W/ YEL TAPE	1	
23	210878-03-100	H/A HP .25, F/S#4 90° F-JIC #4F 308IN W/ YEL TAPE	1	
23	210878-05-100	H/A HP .25, F/S#4 90° F-JIC #4F 404IN W/ YEL TAPE	1	
23	210878-09-100	H/A HP .25, F/S#4 90° F-JIC #4F 248IN W/ YEL TAPE	1	

HYDRAULIC SYSTEMS - POWER DOWN (BUCHER HYDRAULICS)

LAST UPDATED
MAR 2017 to FEB 2022



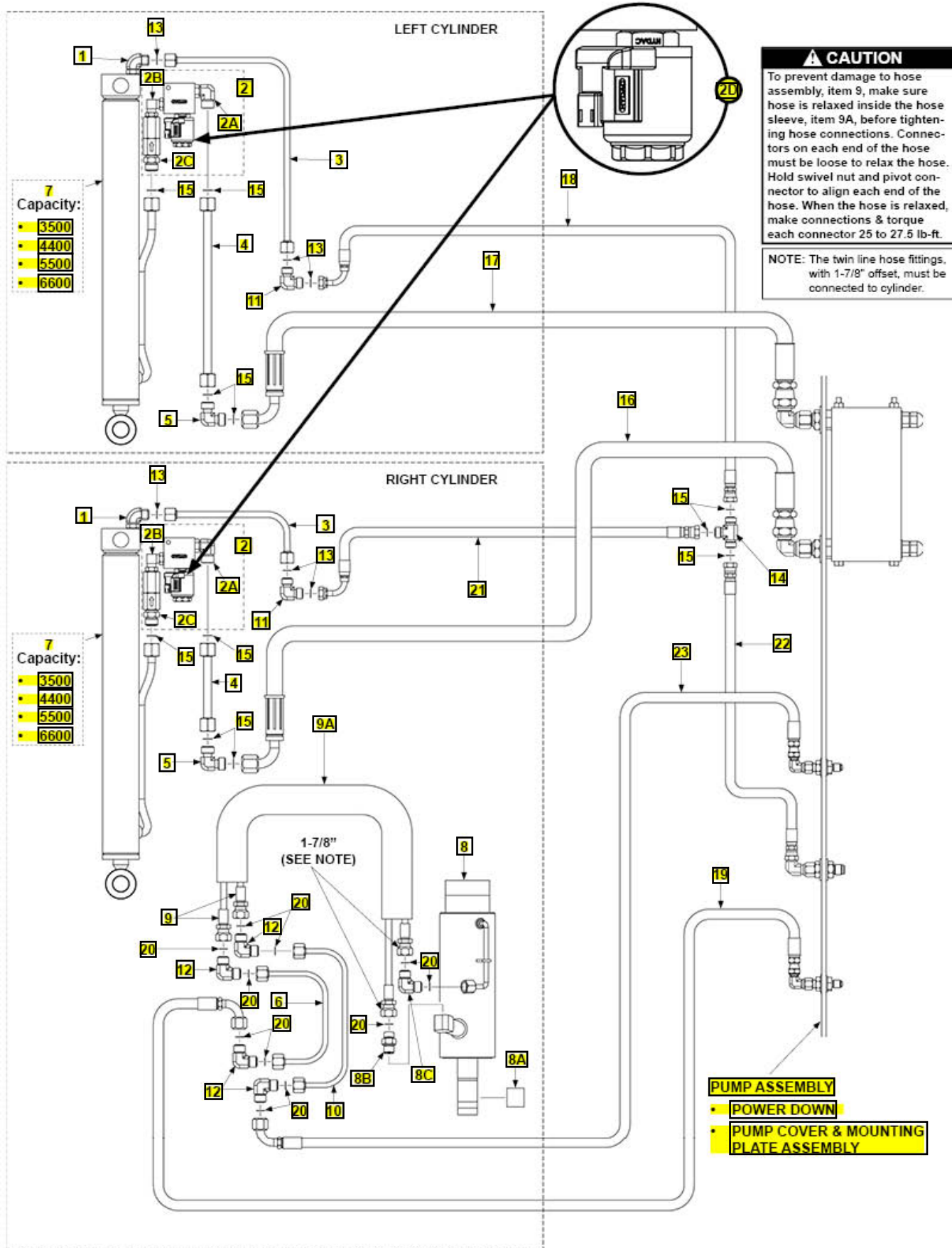
Pos	SKU	Description	Qty	Remark
REF	296180-12	BMR PMP BOX ASSY, P/D 12V	1	
1	906707-01	ELBOW, NPSC,SAE #6 F/S O-R M-M	2	
2	288520-12	HYD LOCK & PRESS COMP VLV ASSY, 12V	2	
2A	905158	ELBOW STRAIGHT, F/S#-O-R #6	2	
2B	906722-01	ELBOW, 90 NPSC O-RING #6M-M	2	
2C	288518-01	PRESSURE COMP. VALVE ASSY, 3GPM	2	
2D	282999-01	LOCK VALVE ASSY, 12V	2	
3	286283-01	F/S TUBE ASSY, RTN LINE BMRB	2	
4	286282-01	F/S TUBE ASSY, LFT LINE BMRB	2	
5	906830-01	UNION,ELBOW,F/S #8M-#8M 90DEG	2	
6	286296-01	TUBE ASSY, .25 DIA F/S	1	
7-34	286335-01	CYL D/ACT, 1.75BX53.13XTRX1R	2	
7-56	286335-02	CYL D/ACT, 2BX53.13STRX1R	2	
8	212871-01	CYL ASSY D/ACT,2.75BX5.25 STRX1.13R	1	
8A	908178-02	BEARING,PRE LUBRICATING 1.00ID X 1.0 LG	1	
8B	905179	CONNEC. F/S #4, O-RING#6 M-M	1	
8C	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	1	
9	296853-01	HOSE & CABLE ASSY, BMR	1	
9A	099966-10	SLEEVE, EXPANDABLE, BRAIDED 1IN ID BLACK, 36IN L	1	
10	286298-01	TUBE ASSY, .25 DIA F/S	1	
11	906829-01	UNION,ELBOW,F/S #6M-#6M 90DEG	2	

Pos	SKU	Description	Qty	Remark
12	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	4	
13	906712-02	O-RING #6, 3/8 ORFS TUBE END	6	
14	905150	TEE, UNION 3/8 F.S. MALE,6-JLO	1	
15	906712-03	O-RING #8, 1/2 ORFS TUBE END	11	
16	210877-01	H/A HP .38, F/S#8 90° F-JIC #8F 80IN	1	
16	210877-03	H/A HP .38, F/S#8 90° F-JIC #8F 196IN	1	
16	210877-05	H/A HP .38, F/S#8 90° F-JIC #8F 316IN	1	
16	210877-09	H/A HP .38, F/S#8 90° F-JIC #8F 412IN	1	
16	210877-13	H/A HP .38, F/S#8 90° F-JIC #8F 256IN	1	
17	210877-02	H/A HP .38, F/S#8 90° F-JIC #8F 158IN	1	
17	210877-04	H/A HP .38, F/S#8 90° F-JIC #8F 274IN	1	
17	210877-06	H/A HP .38, F/S#8 90° F-JIC #8F 394IN	1	
17	210877-10	H/A HP .38, F/S#8 90° F-JIC #8F 490IN	1	
17	210877-14	H/A HP .38, F/S#8 90° F-JIC #8F 334IN	1	
18	264294-02	(REPLACED BY 210880-02) HOSE/A HP .25, F/S NO.6 90 DEGREES F-F/S NO.6 F 100 IN	1	
19	210878-01	H/A HP .25, F/S#4 90° F-JIC #4F 72IN	1	
19	210878-02	H/A HP .25, F/S#4 90° F-JIC #4F 188IN	1	
19	210878-03	H/A HP .25, F/S#4 90° F-JIC #4F 308IN	1	
19	210878-05	H/A HP .25, F/S#4 90° F-JIC #4F 404IN	1	

Pos	SKU	Description	Qty	Remark
19	210878-09	H/A HP .25, F/S#4 90° F-JIC #4F 248IN	1	
20	906712-01	O-RING #4, 1/4 ORFS TUBE END	11	
21	264294-03	(REPLACED BY 210880-03) HOSE/A HP .25, F/S NO. 6 90 DEGREES F-F/S NO. 6 F 24 IN	1	
22	210879-01	H/A HP .25, F/S #6F - JIC #6F, 50IN	1	
22	210879-02	H/A HP .25, F/S #6F - JIC #6F, 166IN	1	
22	210879-03	H/A HP .25, F/S #6F - JIC #6F, 286IN	1	
22	210879-04	H/A HP .25, F/S #6F - JIC #6F, 382IN	1	
22	210879-06	H/A HP .25, F/S #6F - JIC #6F, 226IN	1	
23	210878-01-100	H/A HP .25, F/S#4 90° F-JIC #4F 72IN W/ YEL TAPE	1	
23	210878-02-100	H/A HP .25, F/S#4 90° F-JIC #4F 188IN W/ YEL TAPE	1	
23	210878-03-100	H/A HP .25, F/S#4 90° F-JIC #4F 308IN W/ YEL TAPE	1	
23	210878-05-100	H/A HP .25, F/S#4 90° F-JIC #4F 404IN W/ YEL TAPE	1	
23	210878-09-100	H/A HP .25, F/S#4 90° F-JIC #4F 248IN W/ YEL TAPE	1	

HYDRAULIC SYSTEMS - POWER DOWN (MTE HYDRAULICS)

LAST UPDATED
OCT 2016 to FEB 2017



Pos	SKU	Description	Qty	Remark
REF	296180-12	BMR PMP BOX ASSY, P/D 12V	1	
1	906707-01	ELBOW, NPSC,SAE #6 F/S O-R M-M	2	
2	288520-12	HYD LOCK & PRESS COMP VLV ASSY, 12V	2	
2A	905158	ELBOW STRAIGHT, F/S#-O-R #6	2	
2B	906722-01	ELBOW, 90 NPSC O-RING #6M-M	2	
2C	288518-01	PRESSURE COMP. VALVE ASSY, 3GPM	2	
2D	282999-01	LOCK VALVE ASSY, 12V	2	
3	286283-01	F/S TUBE ASSY, RTN LINE BMRB	2	
4	286282-01	F/S TUBE ASSY, LFT LINE BMRB	2	
5	906830-01	UNION,ELBOW,F/S #8M-#8M 90DEG	2	
6	286296-01	TUBE ASSY, .25 DIA F/S	1	
7-34	286335-01	CYL D/ACT, 1.75BX53.13XTRX1R	2	
7-56	286335-02	CYL D/ACT, 2BX53.13STRX1R	2	
8	212871-01	CYL ASSY D/ACT,2.75BX5.25 STRX1.13R	1	
8A	908178-02	BEARING,PRE LUBRICATING 1.00ID X 1.0 LG	1	
8B	905179	CONNEC. F/S #4, O-RING#6 M-M	1	
8C	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	1	
9	296853-01	HOSE & CABLE ASSY, BMR	1	
9A	099966-10	SLEEVE, EXPANDABLE, BRAIDED 1IN ID BLACK, 36IN L	1	
10	286298-01	TUBE ASSY, .25 DIA F/S	1	
11	906829-01	UNION,ELBOW,F/S #6M-#6M 90DEG	2	

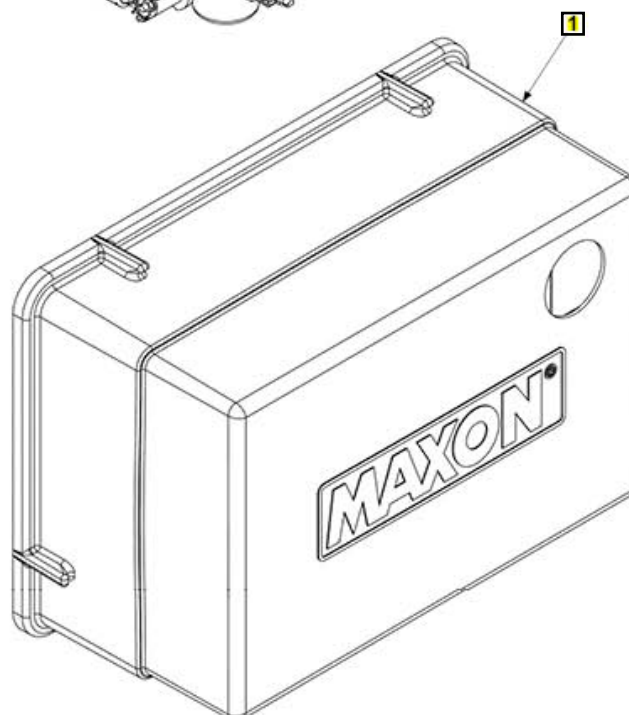
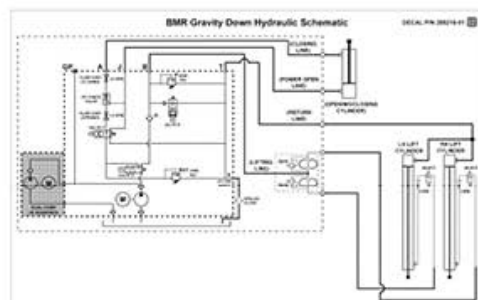
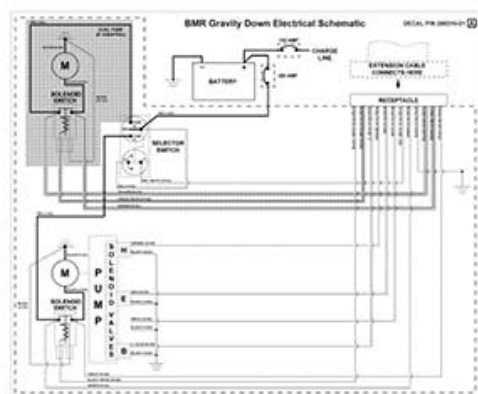
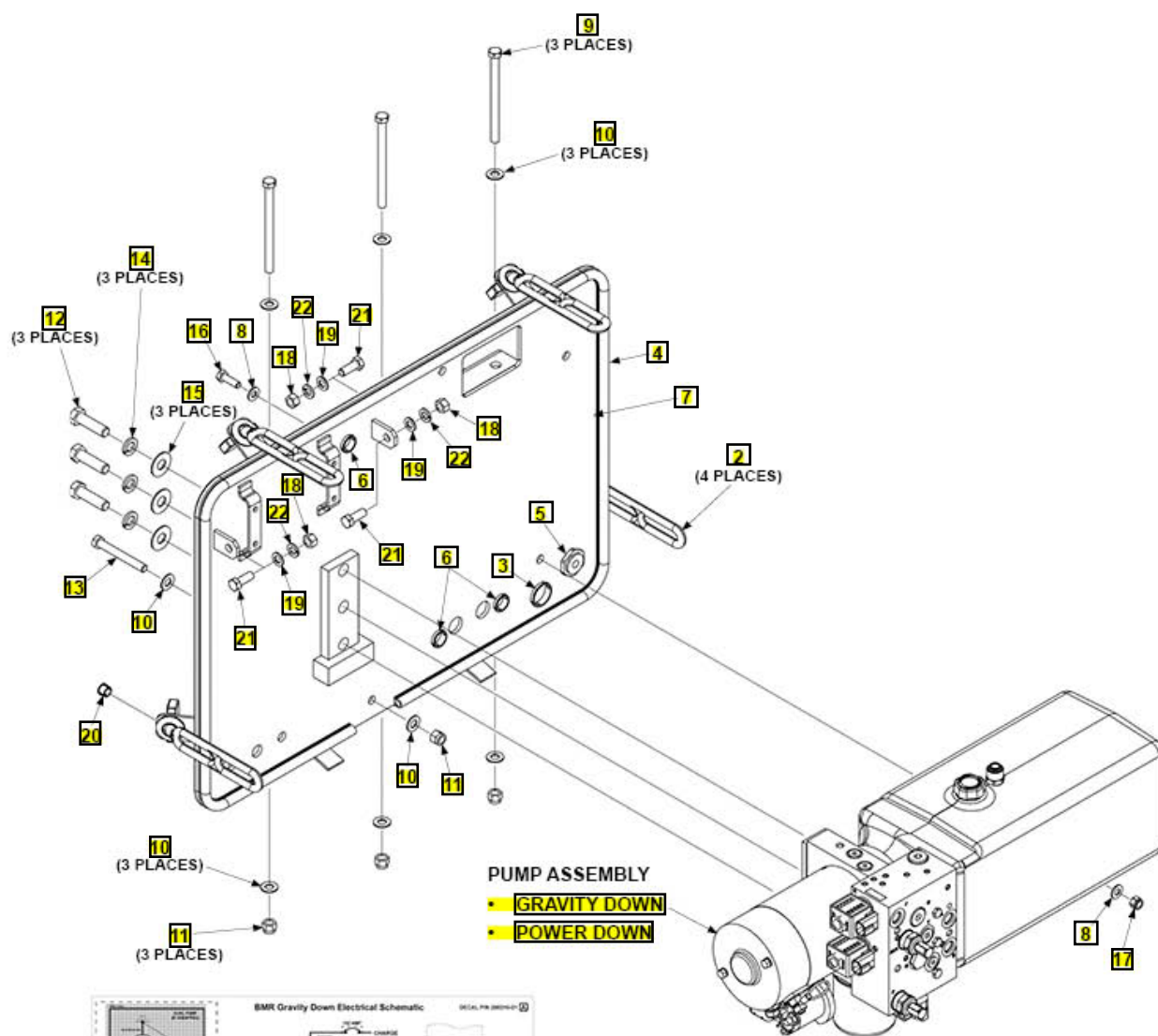
Pos	SKU	Description	Qty	Remark
12	906792-01	UNION,ELBOW,F/S #4M-#4M 90DEG	4	
13	906712-02	O-RING #6, 3/8 ORFS TUBE END	6	
14	905150	TEE, UNION 3/8 F.S. MALE,6-JLO	1	
15	906712-03	O-RING #8, 1/2 ORFS TUBE END	11	
16	280223-01	(REPLACED BY 210877-01) H/A HP.38 F/S#8 90 F-JIC#8F, 80 IN	1	
16	280223-03	(REPLACED BY 210877-03) H/A HP.38F/S#8 90 F-JIC#8F196 IN	1	
16	280223-05	(REPLACED BY 210877-05) H/A HP.38F/S#8 90 F-JIC#8F316 IN	1	
16	280223-09	H/A HP.38F/S#8 90F-JIC#8F 412 IN	1	
16	280223-13	(REPLACED BY 210877-13) H/A HP.38F/S#8 90F-JIC#8F 256 IN	1	
17	280223-02	(REPLACED BY 210877-02) H/A HP.38 F/S#8 90 F-JIC#8F158 IN	1	
17	280223-04	(REPLACED BY 210877-04) H/A HP.38F/S#8 90 F-JIC#8F274 IN	1	
17	280223-06	(REPLACED BY 210877-06) H/A HP.38F/S#8 90 F-JIC#8F394 IN	1	
17	280223-10	(REPLACED BY 210877-10) H/A HP.38F/S#8 90F-JIC#8F 490 IN	1	
17	280223-14	(REPLACED BY 210877-14) H/A HP.38F/S#8 90F-JIC#8F 334 IN	1	
18	264294-02	(REPLACED BY 210880-02) HOSE/A HP .25, F/S NO.6 90 DEGREES F-F/S NO.6 F 100 IN	1	

Pos	SKU	Description	Qty	Remark
19	280232-01	(REPLACED BY 210878-01) H/A HP .25 F/S NO. 4 90 DEGREES F-JIC NO. 4 F, 72 IN	1	
19	280232-02	(REPLACED BY 210878-02) H/A HP .25 F/S NO. 4 90 DEGREES F-JIC NO. 4 F, 188 IN	1	
19	280232-03	(REPLACED BY 210878-03) H/A HP .25 F/S NO.4 90 DEGREES F-JIC NO.4 F, 308 IN	1	
19	280232-05	(REPLACED BY 210878-05) H/A HP .25 F/S NO.4 90 DEGREES F-JIC NO.4 F, 404 IN	1	
19	280232-09	(REPLACED BY 210878-09) H/A HP .25 F/S NO.4 90 DEGREES F-JIC NO.4 F, 248 IN	1	
20	906712-01	O-RING #4, 1/4 ORFS TUBE END	11	
21	264294-03	(REPLACED BY 210880-03) HOSE/A HP .25, F/S NO. 6 90 DEGREES F-F/S NO. 6 F 24 IN	1	
22	280229-01	(REPLACED BY 210879-01) H/A HP.25,F/S#6F-JIC #6F,50 IN	1	
22	280229-02	(REPLACED BY 210879-02) H/A HP.25,F/S#6F-JIC #6F,166 IN	1	
22	280229-03	(REPLACED BY 210879-03) H/A HP.25,F/S#6F-JIC #6F,286 IN	1	
22	280229-04	(REPLACED BY 210879-04) H/A HP.25,F/S#6F-JIC#6F,382 IN	1	
22	280229-06	(REPLACED BY 210879-06) H/A HP.25,F/S#6F-JIC#6F,226 IN	1	
23	280232-01-100	(REPLACED BY 210878-01-100) H/A HP1/4F/S#4 90F-JIC#4F 72 IN W/YEL TAPE	1	

Pos	SKU	Description	Qty	Remark
23	280232-02-100	(REPLACED BY 210878-02-100) H/A HP1/4F/S#4 90F-JIC#4F 188 IN W/YEL TAPE	1	
23	280232-03-100	(REPLACED BY 210878-03-100) H/A HP1/4F/S#4 90F-JIC#4F 308 IN W/YEL TAPE	1	
23	280232-05-100	H/A HP.25F/S#4 90F-JIC#4F 404 IN W/YEL TAPE	1	
23	280232-09-100	H/A HP.25F/S#4 90F-JIC#4F 248 IN W/YEL TAPE	1	

PUMP COVER AND MOUNTING PLATE ASSEMBLY

LAST UPDATED
MAR 2022 to present

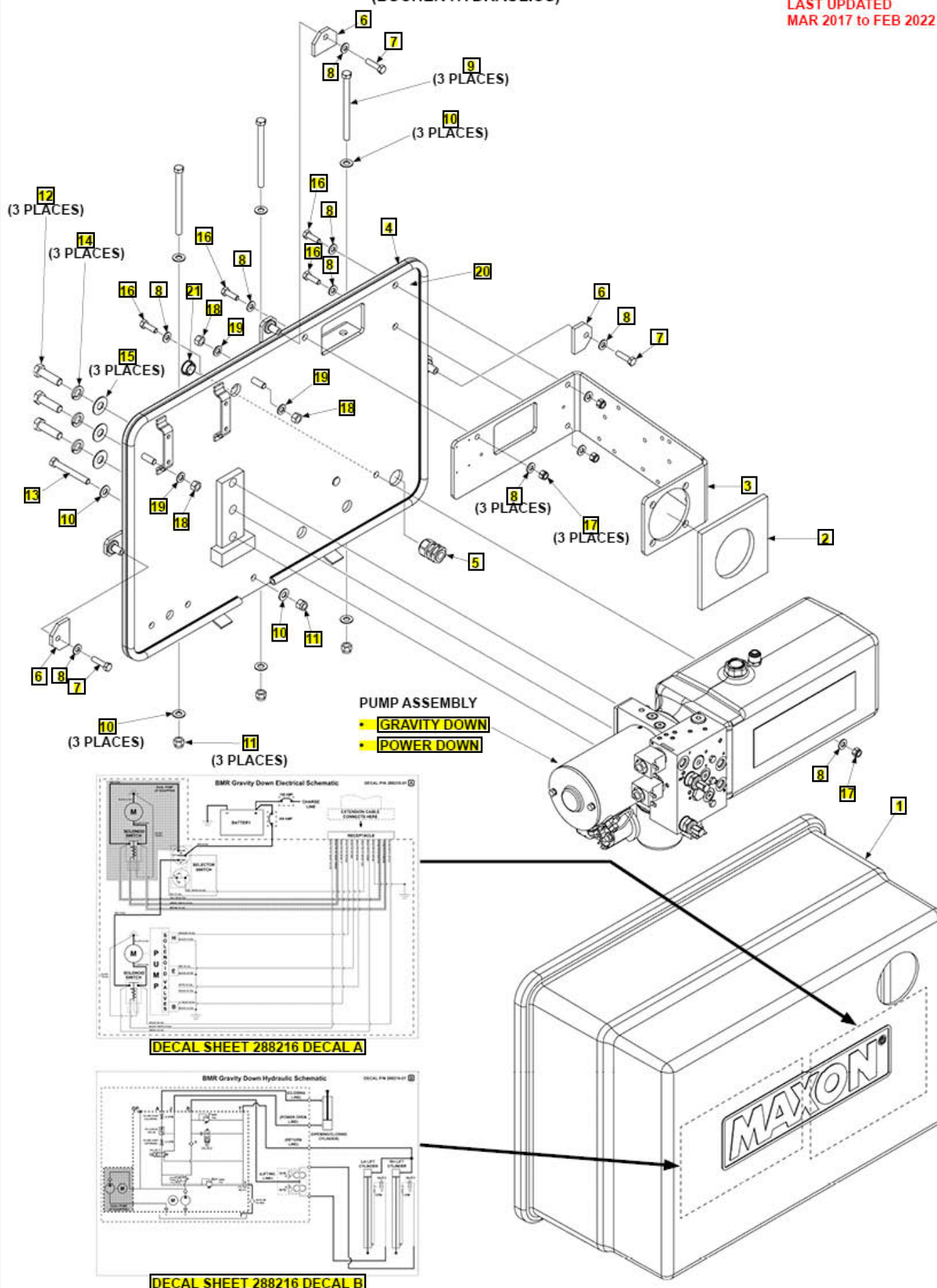


Pos	SKU	Description	Qty	Remark
1	212760-01	BMR PUMP BOX COVER ASSY. GD	1	
1	212760-02	BMR PUMP BOX COVER ASSY. PD	1	
2	908193-01	RUBBER LATCH	4	
3	908081-06	PLUG, NYLON, FOR 1.25DIA HOLE	1	
4	093229-01	NEOPRENE BULB TRIM SEAL .19	1	
5	268034-03	CORD GRIP,NYL,.75 NPT,.35 ID	1	
6	908081-04	PLUG, NYLON, FOR .88DIA HOLE	3	
7	209355-01G	PUMP MOUNT PLATE WLDMT GALV, BMR	1	
8	902013-10	WASHER, FLAT 5/16" SAE, ZC	2	
9	900014-16	SCREW,HEX CAP.38-16X5,G8,ZC	3	
10	902013-11	WASHER, FLAT 3/8" ZC	8	
11	901002	NUT, NYLON 3/8-16 ZINC	4	
12	900035-4	SCREW,CAP HXHD.5-13UNC-2A 1.75	3	
13	900014-11	SCREW,HEX CAP.38-16X3,G8,ZC	1	
14	902011-6	WASHER, LOCK 1/2X1/8 ZC	3	
15	903409-05	WASHER,FEND .53 X1.25OD,SS	3	
16	901602-06	BOLT,HEX .313-18X1.00,18-8 SS	1	
17	903106-10	NUT, NYL INSRT STOP.313 -18 SS	1	
18	901011-5	NUT, HEX HEAD .375-16 UNC-2B	3	
19	902028-6	WASHER,FLAT .687 OD X .388 ID	3	
20	908081-01	PLUG, NYLON, FOR .5DIA HOLE	1	
21	900014-4	SCREW,HEX CAP.38-16X1,G8,ZC	3	

Pos	SKU	Description	Qty	Remark
22	902011-4	WASHER, LOCK 3/8X.094 ZC	3	
D	288216-01	DECAL SHEET, BMR GD SCHEMATIC	1	
D	288216-02	DECAL SHEET, BMR PD SCHEMATIC	1	

PUMP COVER AND MOUNTING PLATE ASSEMBLY (BUCHER HYDRAULICS)

LAST UPDATED
MAR 2017 to FEB 2022

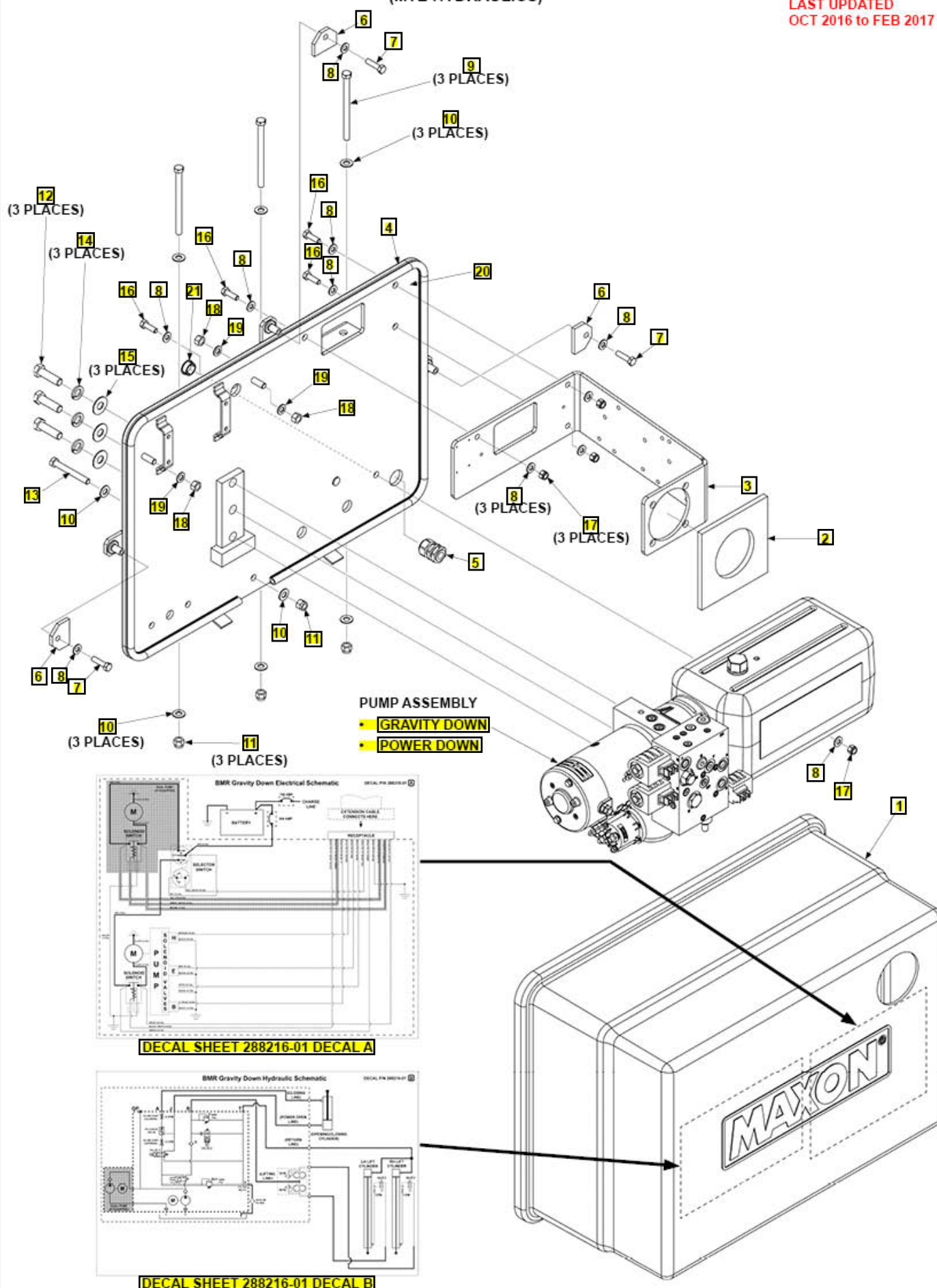


Pos	SKU	Description	Qty	Remark
1	269575-02	COVER, BMR PUMP LG SW	1	
2	289701-01	BMR PMP SWITCH SEAL	1	
3	296183-01	CONTROL PANEL & SW MNT PLATE	1	
4	093232	NEOPRENE BULB TRIM SEAL .25	1	
5	268034-03	CORD GRIP,NYL,.75 NPT,.35 ID	1	
6	281062-03	FLAT, HOLDER 1.56 LG, GALV	3	
7	900009-5	SCREW, CAP 5/16-18X1-1/4 G8 ZC	3	
8	903443-07	WASHER, SAE FLAT .31, ZC	10	
9	900014-16	SCREW,HEX CAP.38-16X5,G8,ZC	3	
10	902013-11	WASHER, FLAT 3/8" ZC	8	
11	901002	NUT, NYLON 3/8-16 ZINC	4	
12	900035-4	SCREW,CAP HXHD.5-13UNC-2A 1.75	3	
13	900014-11	SCREW,HEX CAP.38-16X3,G8,ZC	1	
14	902011-6	WASHER, LOCK 1/2X1/8 ZC	3	
15	903409-05	WASHER,FEND .53 X1.25OD,SS	3	
16	901602-06	BOLT,HEX .313-18X1.00,18-8 SS	4	
17	903106-10	NUT, NYL INSRT STOP.313 -18 SS	4	
18	901011-5	NUT, HEX HEAD .375-16 UNC-2B	3	
19	902028-6	WASHER,FLAT .687 OD X .388 ID	3	
20	296182-01G	BMR PMP MOUNT PLATE ASSY, GALV	1	
21	908081-04	PLUG, NYLON, FOR .88DIA HOLE	1	
D	288216-01	DECAL SHEET, BMR GD SCHEMATIC	1	

Pos	SKU	Description	Qty	Remark
D	288216-02	DECAL SHEET, BMR PD SCHEMATIC	1	

PUMP COVER AND MOUNTING PLATE ASSEMBLY (MTE HYDRAULICS)

LAST UPDATED
OCT 2016 to FEB 2017

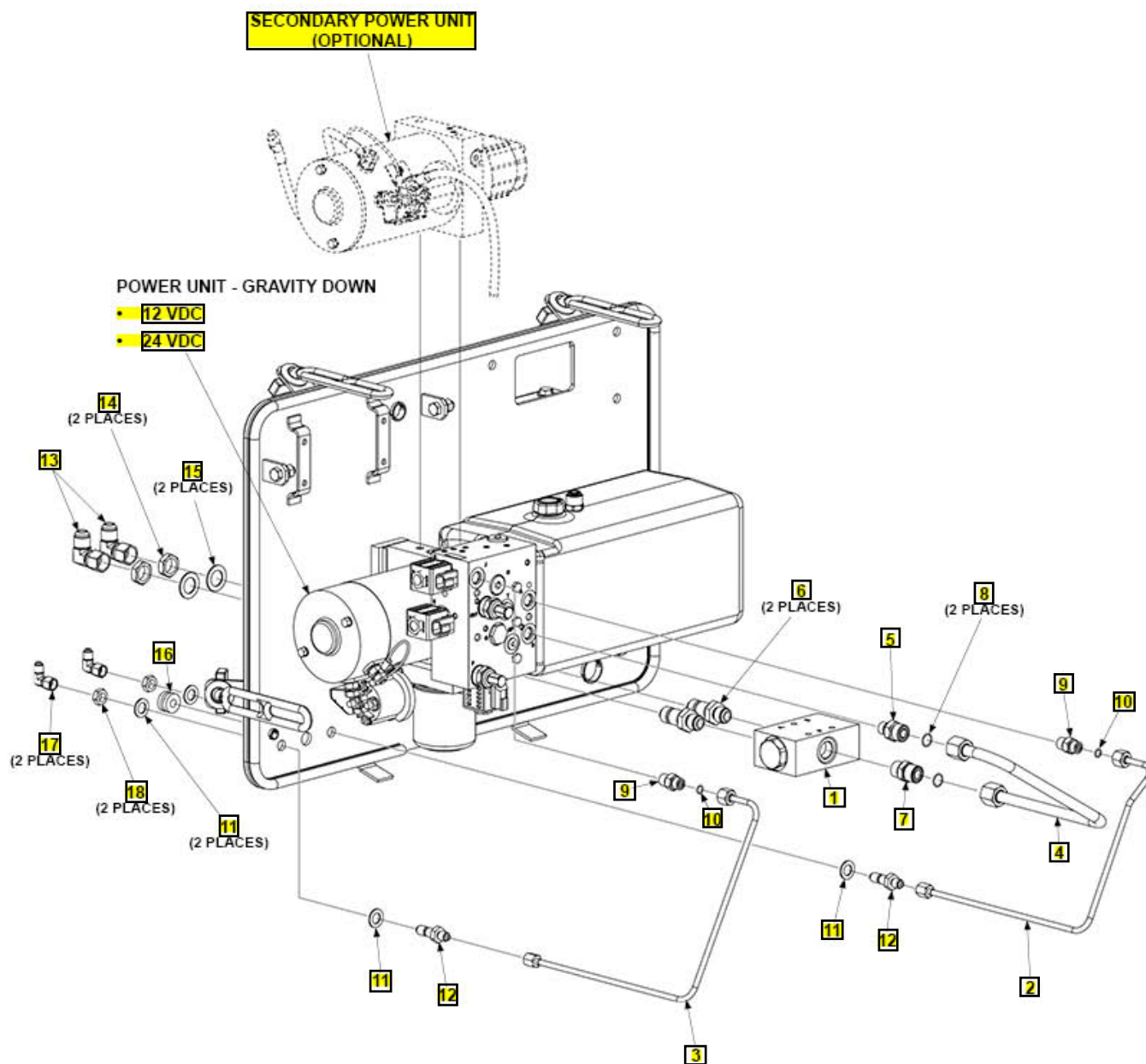


Pos	SKU	Description	Qty	Remark
1	269575-02	COVER, BMR PUMP LG SW	1	
2	289701-01	BMR PMP SWITCH SEAL	1	
3	296183-01	CONTROL PANEL & SW MNT PLATE	1	
4	093232	NEOPRENE BULB TRIM SEAL .25	1	
5	268034-03	CORD GRIP,NYL,.75 NPT,.35 ID	1	
6	281062-03	FLAT, HOLDER 1.56 LG, GALV	3	
7	900009-5	SCREW, CAP 5/16-18X1-1/4 G8 ZC	3	
8	903443-07	WASHER, SAE FLAT .31, ZC	10	
9	900014-16	SCREW,HEX CAP.38-16X5,G8,ZC	3	
10	902013-11	WASHER, FLAT 3/8" ZC	8	
11	901002	NUT, NYLON 3/8-16 ZINC	4	
12	900035-4	SCREW,CAP HXHD.5-13UNC-2A 1.75	3	
13	900014-11	SCREW,HEX CAP.38-16X3,G8,ZC	1	
14	902011-6	WASHER, LOCK 1/2X1/8 ZC	3	
15	903409-05	WASHER,FEND .53 X1.25OD,SS	3	
16	901602-06	BOLT,HEX .313-18X1.00,18-8 SS	4	
17	903106-10	NUT, NYL INSRT STOP.313 -18 SS	4	
18	901011-5	NUT, HEX HEAD .375-16 UNC-2B	3	
19	902028-6	WASHER,FLAT .687 OD X .388 ID	3	
20	296182-01G	BMR PMP MOUNT PLATE ASSY, GALV	1	
21	908081-04	PLUG, NYLON, FOR .88DIA HOLE	1	
D	288213-06	DECAL, SHEET, BMRB POWER DOWN	1	

Pos	SKU	Description	Qty	Remark
D	288216-01	DECAL SHEET, BMR GD SCHEMATIC	1	

PUMP ASSEMBLY - GRAVITY DOWN

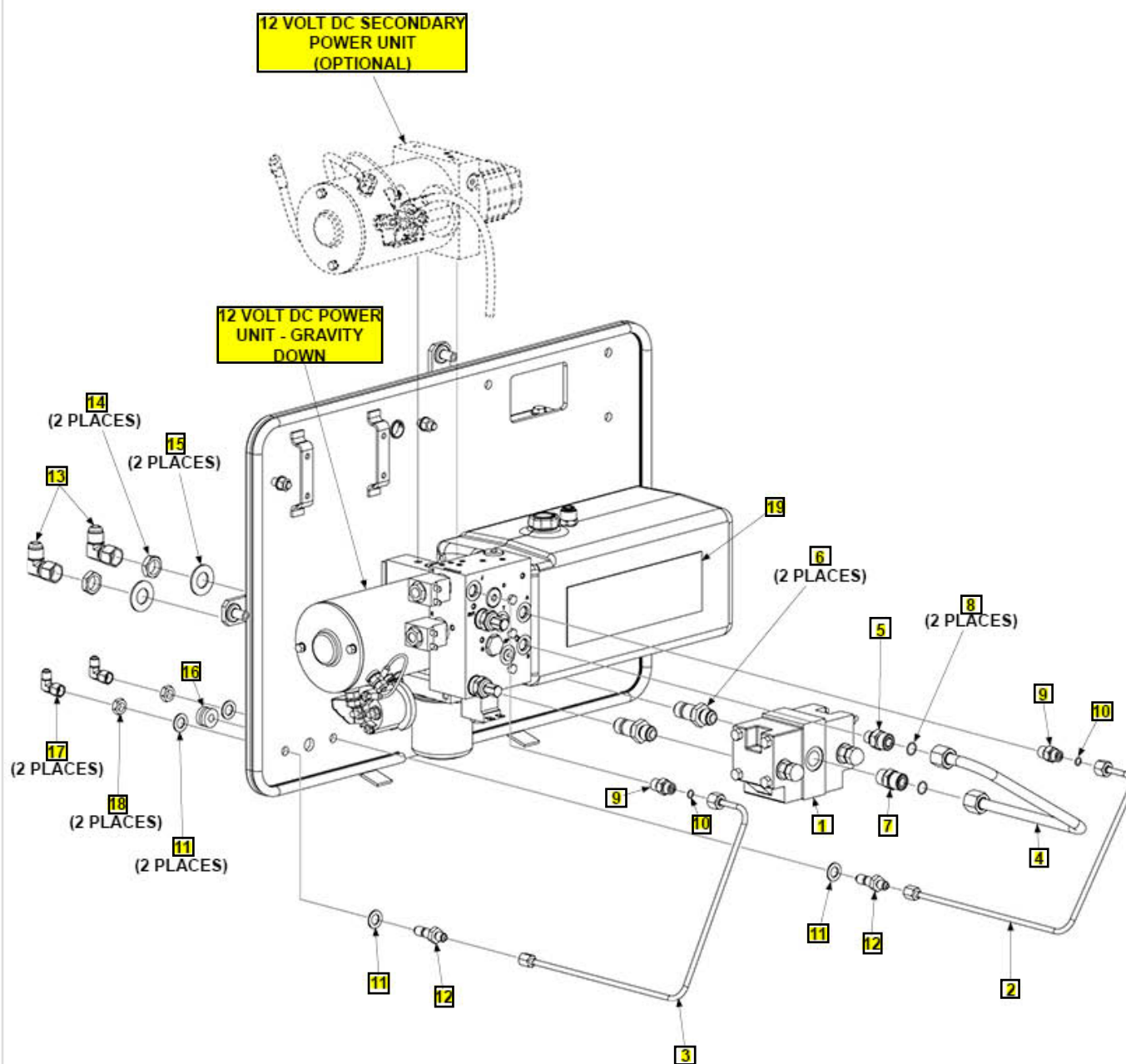
LAST UPDATED
MAR 2022 to present



Pos	SKU	Description	Qty	Remark
1	211333-01	HIGH ACCURACY FLOW DIVIDER, BMR	1	
2	211308-01	F/S TUBE ASSY .25OD, FOLDING LINE, BMR	1	
3	287664-01	F/S TUBE ASSY .25	1	
4	287667-01	F/S TUBE ASSY .50	1	
5	906762-01	CONN,M-M,.562-18 X.812-16	1	
6	261461	UNION BLKHD SAE37DEG FLARE TW	2	
7	905173-02	CONNECTOR,STR,ORFS/ORB,#8	2	
8	906712-03	O-RING #8, 1/2 ORFS TUBE END	2	
9	905179	CONNEC. F/S #4, O-RING#6 M-M	2	
10	906712-01	O-RING #4, 1/4 ORFS TUBE END	2	
11	902000-14	WASHER, FLAT .500X.063 THK	4	
12	905096	ST UNION FIT.BULKHEAD M JIC#4	2	
13	260120	ELBOW 90DEG JIC#8M- JIC#8F	2	
14	261462	NUT,BLKHD SAE37DEG FLARE TWIN	2	
15	902028-12	WASHER,FLAT 1.250 OD X .757 ID	2	
16	263981	GROMMET 3/8 X 5/8	1	
17	905027	ELBOW,SW NUT #4 SAE 37D M-F	2	
18	905085	NUT, BULKHEAD JIC #4	2	

PUMP ASSEMBLY - GRAVITY DOWN (BUCHER HYDRAULICS)

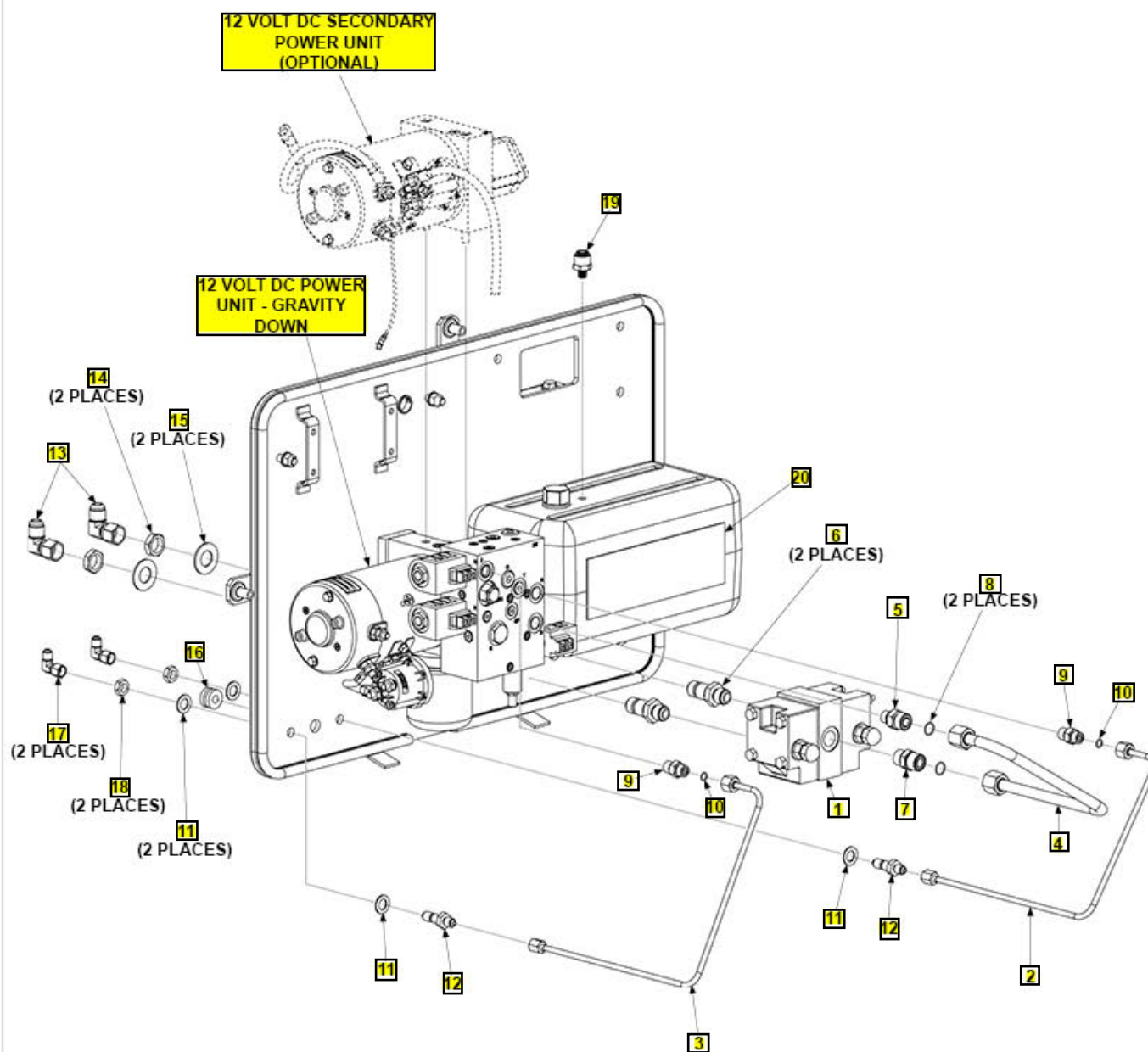
LAST UPDATED
MAR 2017 to FEB 2022



Pos	SKU	Description	Qty	Remark
1	253513	FLOW DIVIDER	1	
2	287665-01	F/S TUBE ASSY .25	1	
3	287664-01	F/S TUBE ASSY .25	1	
4	287667-01	F/S TUBE ASSY .50	1	
5	906762-01	CONN,M-M,.562-18 X.812-16	1	
6	261461	UNION BLKHD SAE37DEG FLARE TW	2	
7	905173-02	CONNECTOR,STR,ORFS/ORB,#8	2	
8	906712-03	O-RING #8, 1/2 ORFS TUBE END	2	
9	905179	CONNEC. F/S #4, O-RING#6 M-M	2	
10	906712-01	O-RING #4, 1/4 ORFS TUBE END	2	
11	902000-14	WASHER, FLAT .500X.063 THK	4	
12	905096	ST UNION FIT.BULKHEAD M JIC#4	2	
13	260120	ELBOW 90DEG JIC#8M- JIC#8F	2	
14	261462	NUT,BLKHD SAE37DEG FLARE TWIN	2	
15	902000-20	WASHER, FLAT .750 .090 THK	2	
16	263981	GROMMET 3/8 X 5/8	1	
17	905027	ELBOW,SW NUT #4 SAE 37D M-F	2	
18	905085	NUT, BULKHEAD JIC #4	2	
19	282927-01	DECAL, BMR OIL LEVEL	1	

**PUMP ASSEMBLY - GRAVITY DOWN
(MTE HYDRAULICS)**

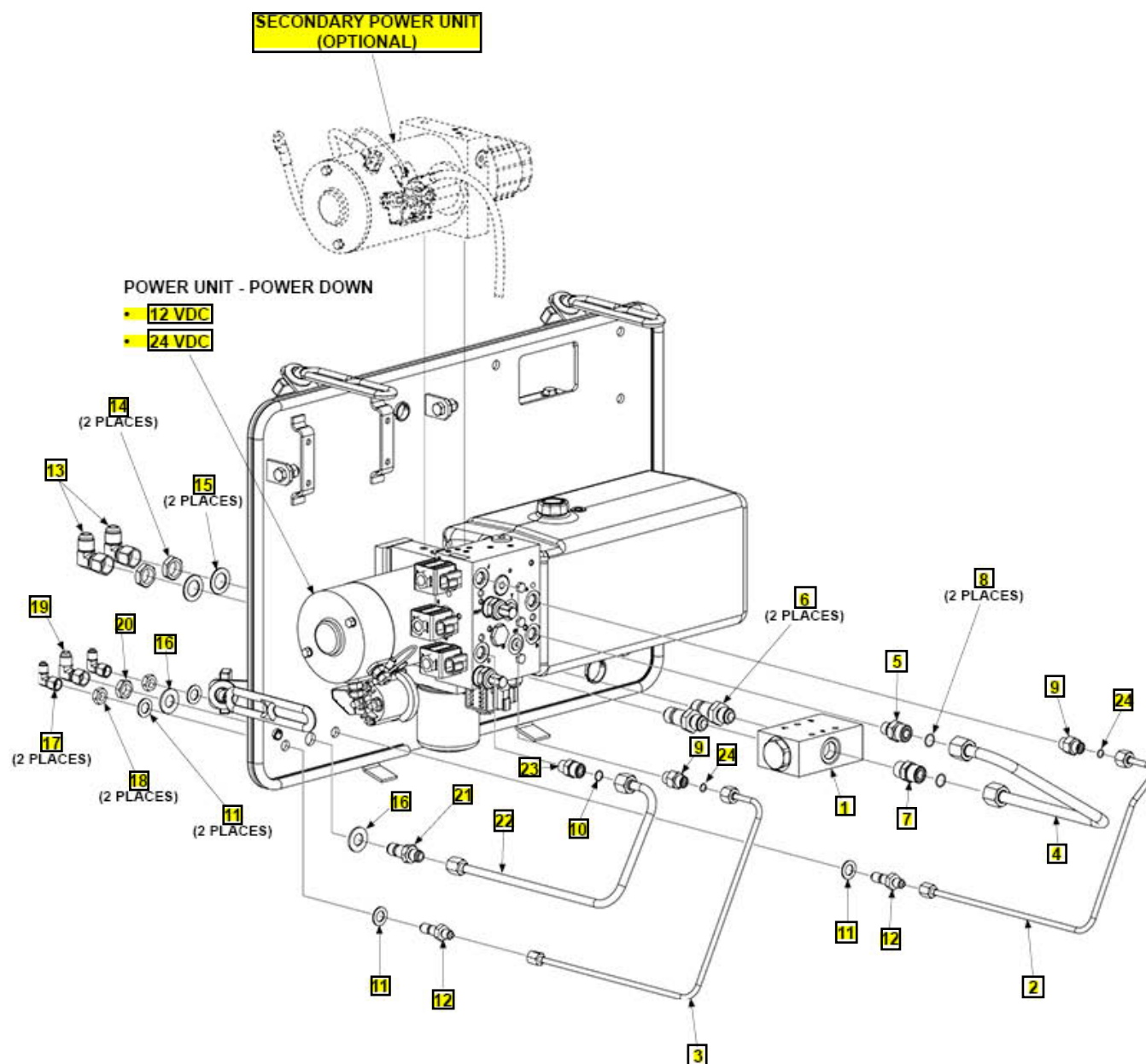
LAST UPDATED
OCT 2016 to FEB 2017



Pos	SKU	Description	Qty	Remark
1	253513	FLOW DIVIDER	1	
2	287665-01	F/S TUBE ASSY .25	1	
3	287664-01	F/S TUBE ASSY .25	1	
4	287667-01	F/S TUBE ASSY .50	1	
5	906762-01	CONN,M-M,.562-18 X.812-16	1	
6	261461	UNION BLKHD SAE37DEG FLARE TW	2	
7	905173-02	CONNECTOR,STR,ORFS/ORB,#8	2	
8	906712-03	O-RING #8, 1/2 ORFS TUBE END	2	
9	905179	CONNEC. F/S #4, O-RING#6 M-M	2	
10	906712-01	O-RING #4, 1/4 ORFS TUBE END	2	
11	902000-14	WASHER, FLAT .500X.063 THK	4	
12	905096	ST UNION FIT.BULKHEAD M JIC#4	2	
13	260120	ELBOW 90DEG JIC#8M- JIC#8F	2	
14	261462	NUT,BLKHD SAE37DEG FLARE TWIN	2	
15	902000-20	WASHER, FLAT .750 .090 THK	2	
16	263981	GROMMET 3/8 X 5/8	1	
17	905027	ELBOW,SW NUT #4 SAE 37D M-F	2	
18	905085	NUT, BULKHEAD JIC #4	2	
19	905384-01	ADAPTER, .375 OD TUBE X .125 NPTF	1	
20	282927-01	DECAL, BMR OIL LEVEL	1	

PUMP ASSEMBLY - POWER DOWN

LAST UPDATED
MAR 2022 to present

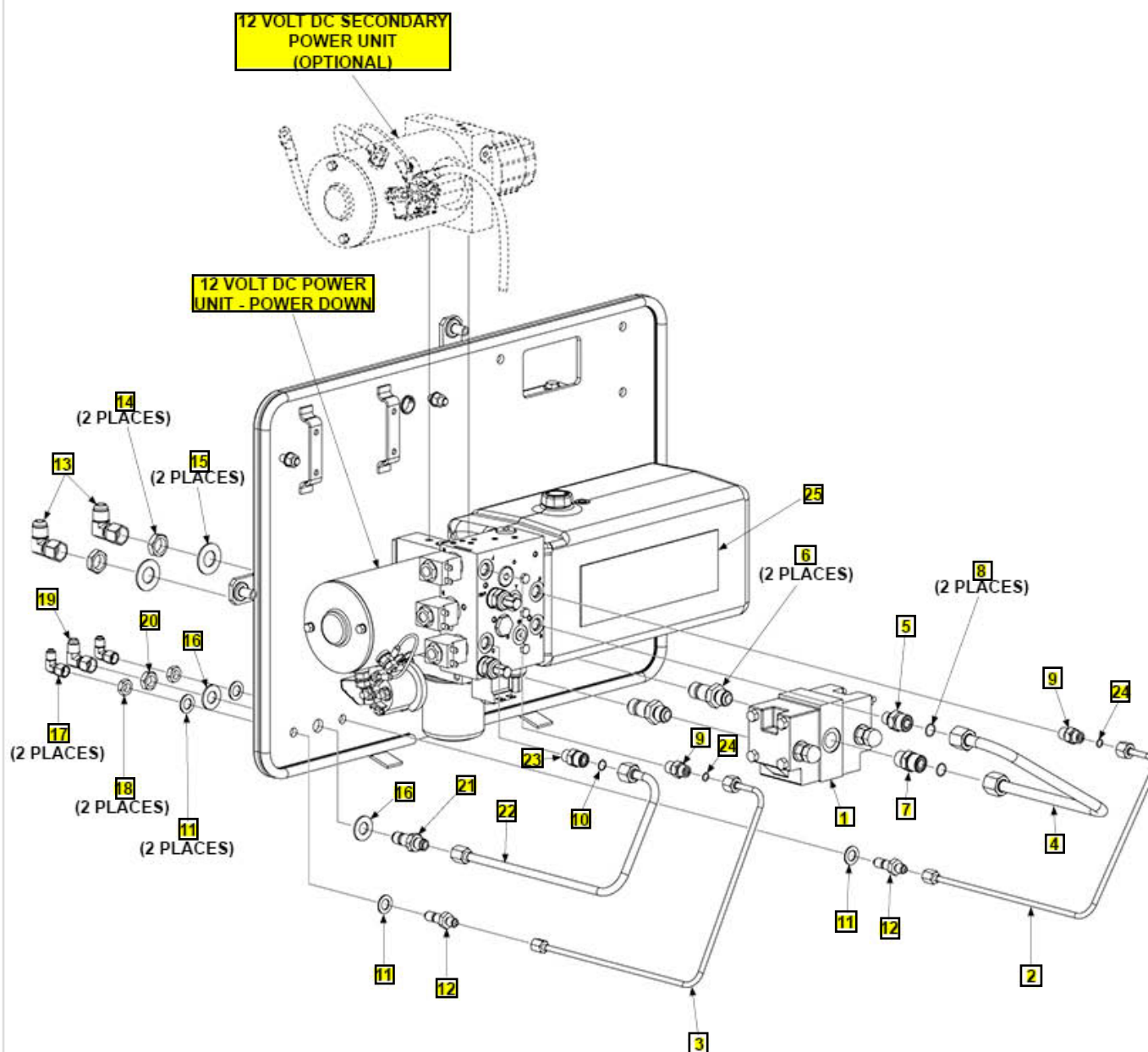


Pos	SKU	Description	Qty	Remark
1	211333-01	HIGH ACCURANCY FLOW DIVIDER, BMR	1	
2	211308-01	F/S TUBE ASSY .25OD, FOLDING LINE, BMR	1	
3	287664-01	F/S TUBE ASSY .25	1	
4	287667-01	F/S TUBE ASSY .50	1	
5	906762-01	CONN,M-M,.562-18 X.812-16	1	
6	261461	UNION BLKHD SAE37DEG FLARE TW	2	
7	905173-02	CONNECTOR,STR,ORFS/ORB,#8		
8	906712-03	O-RING #8, 1/2 ORFS TUBE END	2	
9	905179	CONNEC. F/S #4, O-RING#6 M-M	2	
10	906712-02	O-RING #6, 3/8 ORFS TUBE END	1	
11	902000-14	WASHER, FLAT .500X.063 THK	4	
12	905096	ST UNION FIT.BULKHEAD M JIC#4	2	
13	260120	ELBOW 90DEG JIC#8M- JIC#8F	2	
14	261462	NUT,BLKHD SAE37DEG FLARE TWIN	2	
15	902028-12	WASHER,FLAT 1.250 OD X .757 ID	2	
16	902013-14	WASHER, FLAT 9/16" SAE ZC	2	
17	905027	ELBOW,SW NUT #4 SAE 37D M-F	2	
18	905085	NUT, BULKHEAD JIC #4	2	
19	905154	ELB,90DEGSAE37DEGJIC#6M- JIC#6F	1	
20	905086	NUT, BULKHEAD JIC #6	1	
21	905100	ST UNION FIT.BULKHEAD M JIC#6	1	
22	287666-01	F/S TUBE ASSY .38	1	
23	905173	CONNECTOR F/S#6&O-R#6, M-M	1	

Pos	SKU	Description	Qty	Remark
24	906712-01	O-RING #4, 1/4 ORFS TUBE END	2	

PUMP ASSEMBLY - POWER DOWN (BUCHER HYDRAULICS)

LAST UPDATED
MAR 2017 to FEB 2022

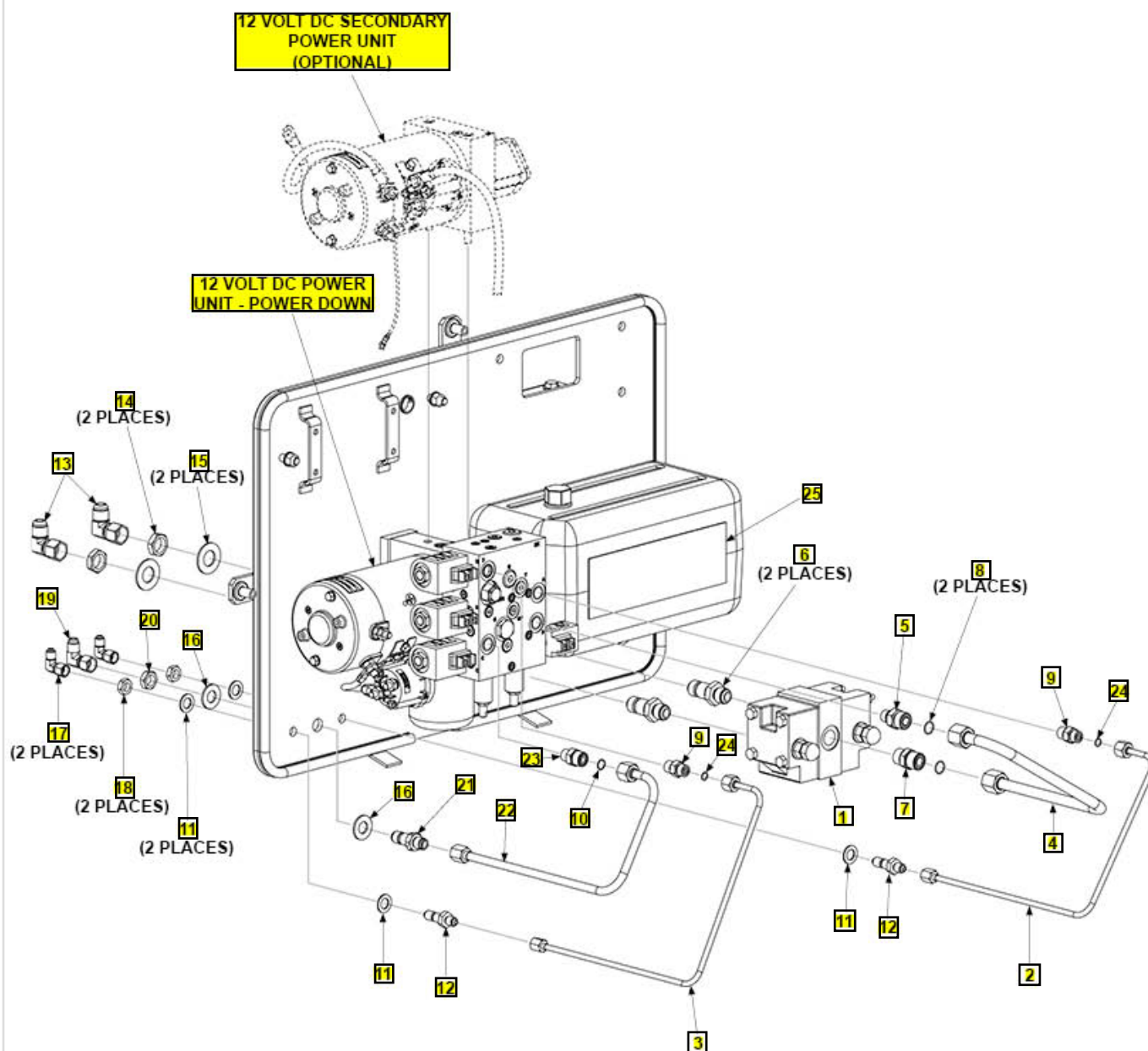


Pos	SKU	Description	Qty	Remark
1	253513	FLOW DIVIDER	1	
2	287665-01	F/S TUBE ASSY .25	1	
3	287664-01	F/S TUBE ASSY .25	1	
4	287667-01	F/S TUBE ASSY .50	1	
5	906762-01	CONN,M-M,.562-18 X.812-16	1	
6	261461	UNION BLKHD SAE37DEG FLARE TW	2	
7	905173-02	CONNECTOR,STR,ORFS/ORB,#8	1	
8	906712-03	O-RING #8, 1/2 ORFS TUBE END	2	
9	905179	CONNEC. F/S #4, O-RING#6 M-M	2	
10	906712-02	O-RING #6, 3/8 ORFS TUBE END	1	
11	902000-14	WASHER, FLAT .500X.063 THK	4	
12	905096	ST UNION FIT.BULKHEAD M JIC#4	2	
13	260120	ELBOW 90DEG JIC#8M- JIC#8F	2	
14	261462	NUT,BLKHD SAE37DEG FLARE TWIN	2	
15	902000-20	WASHER, FLAT .750 .090 THK	2	
16	902013-14	WASHER, FLAT 9/16" SAE ZC	2	
17	905027	ELBOW,SW NUT #4 SAE 37D M-F	2	
18	905085	NUT, BULKHEAD JIC #4	2	
19	905154	ELB,90DEGSAE37DEGJIC#6M- JIC#6F	1	
20	905086	NUT, BULKHEAD JIC #6	1	
21	905100	ST UNION FIT.BULKHEAD M JIC#6	1	
22	287666-01	F/S TUBE ASSY .38	1	
23	905173	CONNECTOR F/S#6&O-R#6, M-M	1	
24	906712-01	O-RING #4, 1/4 ORFS TUBE END	2	

Pos	SKU	Description	Qty	Remark
25	282927-01	DECAL, BMR OIL LEVEL	1	

PUMP ASSEMBLY - POWER DOWN (MTE HYDRAULICS)

LAST UPDATED
OCT 2016 to FEB 2017

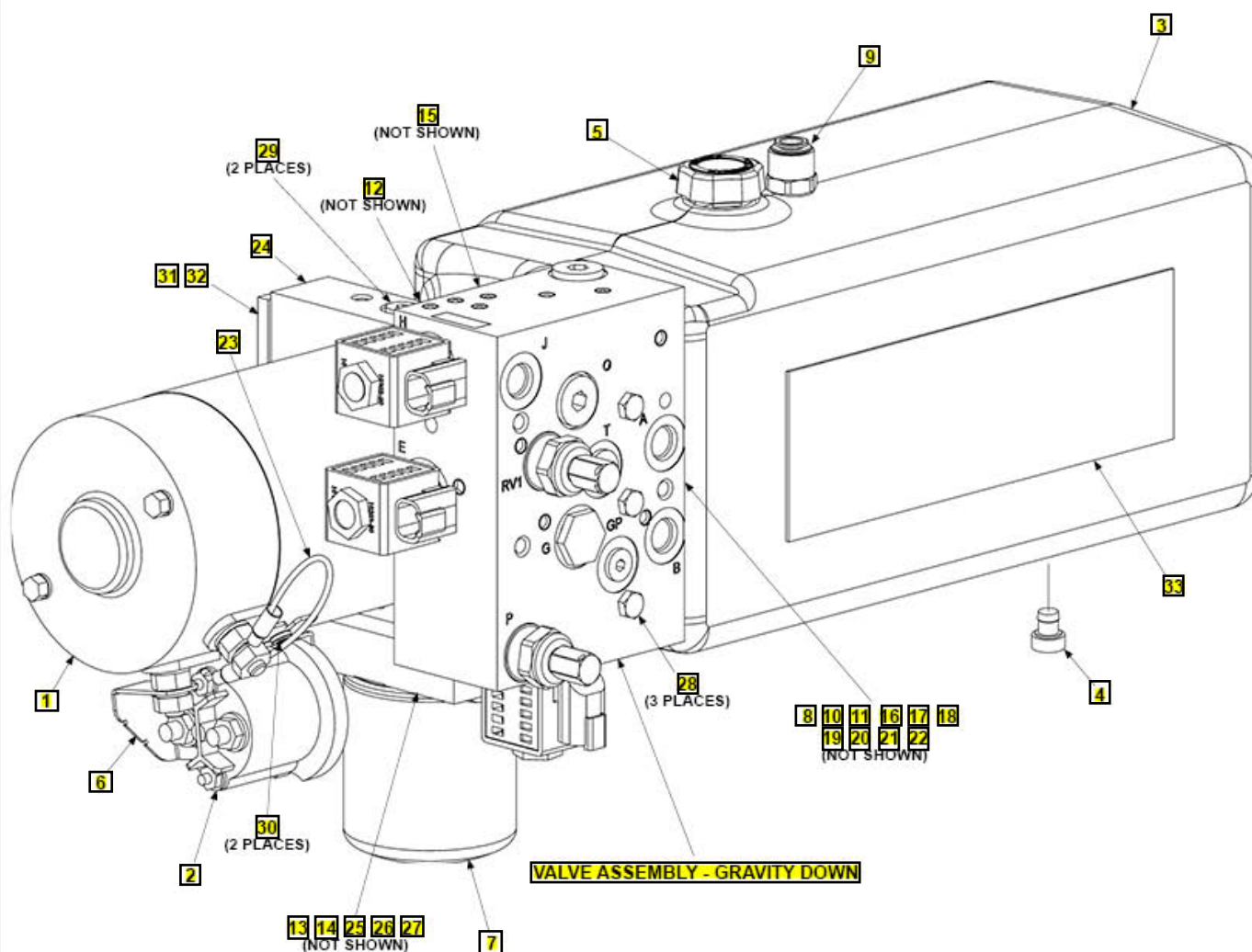


Pos	SKU	Description	Qty	Remark
1	253513	FLOW DIVIDER	1	
2	287665-01	F/S TUBE ASSY .25	1	
3	287664-01	F/S TUBE ASSY .25	1	
4	287667-01	F/S TUBE ASSY .50	1	
5	906762-01	CONN,M-M,.562-18 X.812-16	1	
6	261461	UNION BLKHD SAE37DEG FLARE TW	2	
7	905173-02	CONNECTOR,STR,ORFS/ORB,#8	1	
8	906712-03	O-RING #8, 1/2 ORFS TUBE END	2	
9	905179	CONNEC. F/S #4, O-RING#6 M-M	2	
10	906712-02	O-RING #6, 3/8 ORFS TUBE END	1	
11	902000-14	WASHER, FLAT .500X.063 THK	4	
12	905096	ST UNION FIT.BULKHEAD M JIC#4	2	
13	260120	ELBOW 90DEG JIC#8M- JIC#8F	2	
14	261462	NUT,BLKHD SAE37DEG FLARE TWIN	2	
15	902000-20	WASHER, FLAT .750 .090 THK	2	
16	902013-14	WASHER, FLAT 9/16" SAE ZC	2	
17	905027	ELBOW,SW NUT #4 SAE 37D M-F	2	
18	905085	NUT, BULKHEAD JIC #4	2	
19	905154	ELB,90DEGSAE37DEGJIC#6M- JIC#6F	1	
20	905086	NUT, BULKHEAD JIC #6	1	
21	905100	ST UNION FIT.BULKHEAD M JIC#6	1	
22	287666-01	F/S TUBE ASSY .38	1	
23	905173	CONNECTOR F/S#6&O-R#6, M-M	1	
24	906712-01	O-RING #4, 1/4 ORFS TUBE END	2	

Pos	SKU	Description	Qty	Remark
25	282927-01	DECAL, BMR OIL LEVEL	1	

12 VDC POWER UNIT - GRAVITY DOWN

COMPLETE ASSEMBLY:

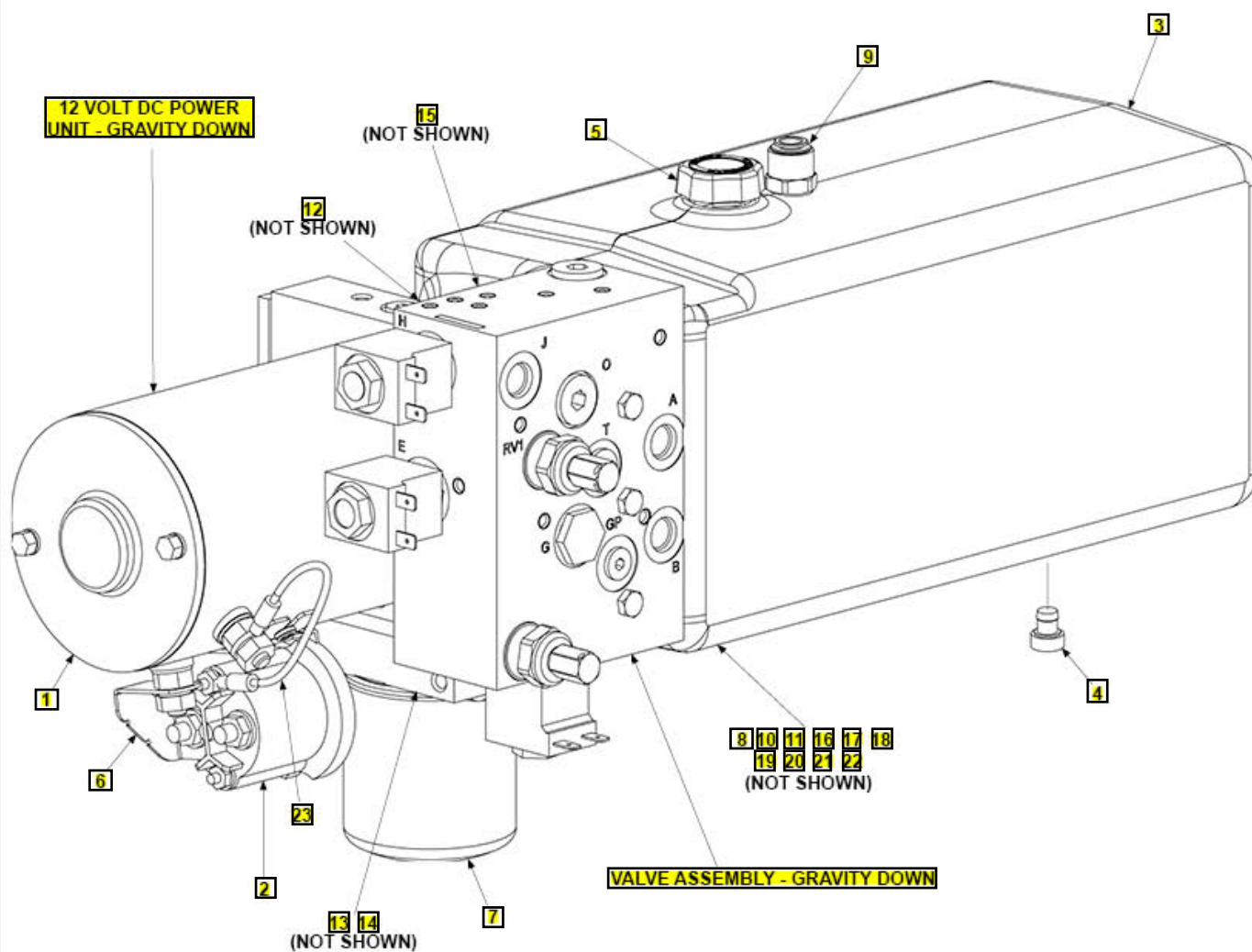
LAST UPDATED
MAR 2022 to present**12 VDC POWER UNIT - GRAVITY DOWN**

Pos	SKU	Description	Qty	Remark
REF	211960-12	12 VDC POWER UNIT 203.1, GD, BMR	1	
1	297552	MOTOR,DC,12V,4.5in,2 TERM,LONG	1	
2	269339	SWITCH,SOL ACT MTR ST, 12 VDC	1	
3	298530-01	BMR PUMP RESERVOIR, KIT, BOTH GD & PD	1	
4	287282	PLUG.SAE O-RING, 9/16-18, HEX, SO	1	
5	287281	PLUG,RESEV,BREATHER- FILLER	1	
6	286599	STRAP, MOTOR-COLENOID CONNECTING	1	
7	297573	FILTER,ELEMNT SPIN-ON,MINI,25 MICRON	1	
8	297578	PUMP,AP100/2.5,EXT TANG,NO CVRS	1	
9	297551	FITTING,CONNECTOR,3/8TUBEX1 /8NPTMALE	1	
10	269331	FILTER, SCREEN M-SERIES SUCT.	2	
11	290141	TUBE, SUCT 90,H/MT,M-400, 3/8NPT	2	
12	287277	CLAM,HOSE,WORM GEAR RSV, M-SER	1	
13	297565	O-RING,0.50 X 0.63 X 0.06 -014	1	
14	297566	O-RING,0.88 X 1.00 X 0.06 -020	1	
15	211353	PLATE, OVERMOLDED O-RING	2	
16	299145	TUBE, 90DEG, 3/8 NPTF, EXPD END	1	
17	297577	TUBE,90 DEG,3/8 NPTF	1	
18	269328	COVER REAR,AP100 309,.375 NPT	1	
19	269326	O-RING,SHAPED,REAR COVER,AP100	1	

Pos	SKU	Description	Qty	Remark
20	297582	SCREW,SHCS,M8X1.25X75,DZF4		
21	297564	PIN,DOWEL,5MM X 7MM,AP100	2	
22	269324	O-RING,SHAPED,UP100 & UP110	1	
23	297833	WIRE ASSY, CNTRL, 16AWG, HS, RING	1	
24	211352	BASE ASSY, M3598, AP100, STD MTR	1	
25	297569	ADAPTER,PLATE,SPIN-ON FILTER	1	
26	297571	SCREW,H.H CAP,1/4-20 X 1-1/2	4	
27	297572	CONNECTOR,3/4 SAE X 3/4 JIC	1	
28	297575	SCREW,HHC,1/4-20X3,GRADE8,ZINC		
29	297585	PLUG, SAE O-RING, 7/16-20, HEX, SO	2	
30	269340	SCREW,PAN HD,TORX,10-32X5/16	2	
31	297548	PIN,SPLIT,3/16 X 1/2	2	
32	297568	ADAPTER,RISER,1/4INSPACR,5, 1/4SQ BASE	1	
33	282927-01	DECAL, BMR OIL LEVEL	1	

**12 VOLT DC POWER UNIT - GRAVITY DOWN
(BUCHER HYDRAULICS)**

LAST UPDATED
MAR 2017 to FEB 2022

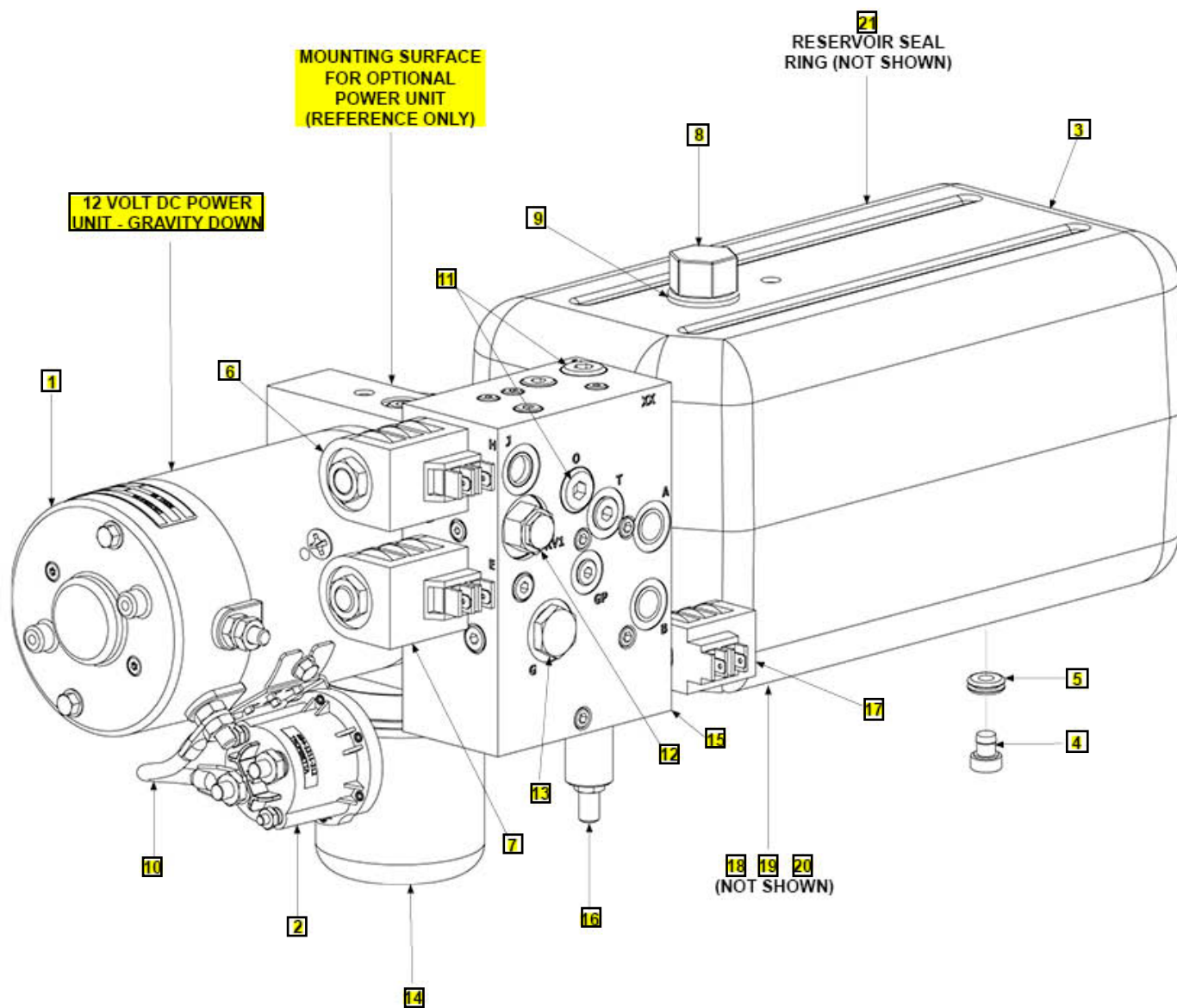


Pos	SKU	Description	Qty	Remark
REF	297530-12	12 VDC POWER UNIT 203.1 BMR GD	1	
1	297552	MOTOR,DC,12V,4.5in,2 TERM,LONG	1	
2	269339	SWITCH,SOL ACT MTR ST, 12 VDC	1	
3	298530-01	BMR PUMP RESERVOIR, KIT, BOTH GD & PD	1	
4	287282	PLUG.SAE O-RING, 9/16-18, HEX, SO	1	
5	287281	PLUG,RESEV,BREATHER- FILLER	1	
6	286599	STRAP, MOTOR-COLENOID CONNECTING	1	
7	297573	FILTER,ELEMNT SPIN-ON,MINI,25 MICRON	1	
8	297578	PUMP,AP100/2.5,EXT TANG,NO CVRS	1	
9	297551	FITTING,CONNECTOR,3/8TUBEX1 /8NPTMALE	1	
10	269331	FILTER, SCREEN M-SERIES SUCT.	2	
11	290141	TUBE, SUCT 90,H/MT,M-400, 3/8NPT	2	
12	287277	CLAM,HOSE,WORM GEAR RSV, M-SER	1	
13	297565	O-RING,0.50 X 0.63 X 0.06 -014	1	
14	297566	O-RING,0.88 X 1.00 X 0.06 -020	1	
15	297553	O-RING,0.63 X 0.75 X 0.06 -016	2	
16	299145	TUBE, 90DEG, 3/8 NPTF, EXPD END	1	
17	297577	TUBE,90 DEG,3/8 NPTF	1	
18	269328	COVER REAR,AP100 309,.375 NPT	1	
19	269326	O-RING,SHAPED,REAR COVER,AP100	1	

Pos	SKU	Description	Qty	Remark
20	297582	SCREW,SHCS,M8X1.25X75,DZF4		
21	297564	PIN,DOWEL,5MM X 7MM,AP100	2	
22	269324	O-RING,SHAPED,UP100 & UP110	1	
23	297833	WIRE ASSY, CNTRL, 16AWG, HS, RING	1	

12 VOLT DC POWER UNIT - GRAVITY DOWN
(MTE HYDRAULICS)

LAST UPDATED
OCT 2016 to FEB 2017



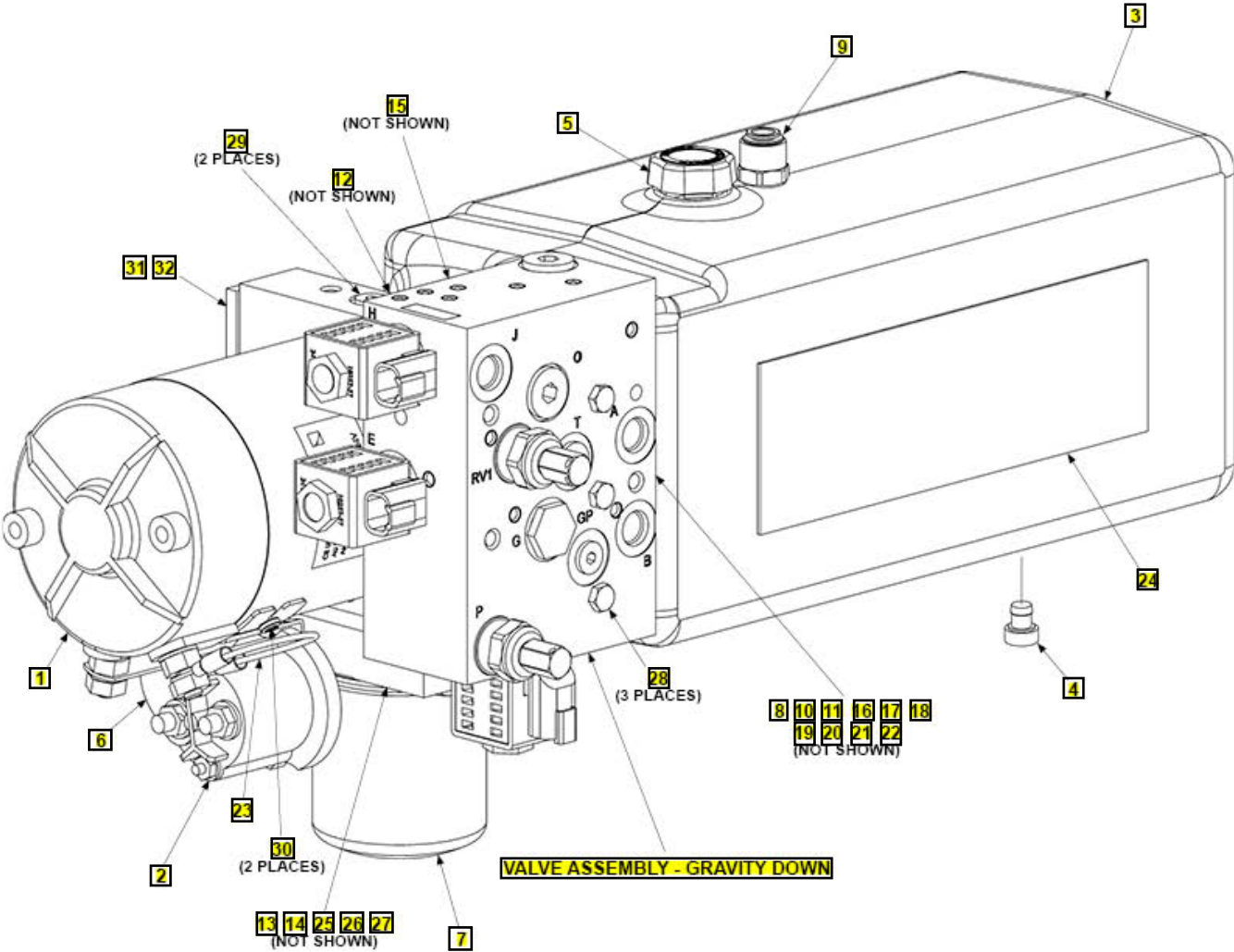
Pos	SKU	Description	Qty	Remark
REF	296030-12	12 VDC POWER UNIT 203.1 BMR GD	1	
1	269582-01	MOTOR,12 VDC,HEAVY DUTY,2 TERM	1	
2	284080-01	SWITCH, SOLENOID ASSY	1	
3	296026-01	TANK 2.0 GALLON 16" LONG W/FOOT BRACKET	1	
4	908017-01	PLUG, DRAIN PORT	1	
5	908018-01	GROMMET RUBBER, .31 ID	1	
6	290046	VALVE ASSY4WAYDOUBLE SPADE	1	
7	290019	VALVE,2 POS-3WAY W/COIL	1	
8	280806-01	FILLER, BREATHER	1	
9	908016-01	GROMMET, RUBBER, .60 ID	1	
10	280404	CABLE ASSY	1	
11	906929-01	FLOW CONTROL VALVE, 1.50 GPM, P-C	2	
12	906930-01	RELIEF VALVE "RV1" SET @ 2400 PSI	1	
13	290033	VALVE, CHECK VERTICAL PUMP	1	
14	262412	(USE 297573) FILTER, SPIN ON HYDRAULIC	1	
15	296027-01	MANIFOLD ASSEMBLY, MAXON, SEVERE DUTY	1	
16	905195	RELIEF VALVE DIFF,2000-3500PSI	1	
17	290043	VALVE ASSY 2 WAY DOUBLE SPADE	1	
18	296021-01	PUMP, 203.1, PRESSURE LOADED	1	
19	260261	OIL SEAL,PUMP	1	
20	290020	O-RING, KEPNER CHECK VALVE	1	
21	290061	SEAL SQUARE CUT PL RESERVOIR	1	

24 VDC POWER UNIT - GRAVITY DOWN

LAST UPDATED
MAR 2022 to present

COMPLETE ASSEMBLY:

24 VDC POWER UNIT - GRAVITY DOWN



Pos	SKU	Description	Qty	Remark
REF	211960-24	24VDC POWER UNIT 203.1, GD, BMR	1	
1	269351	MOTOR DC 24 VOLT 2 TERM	1	
2	284080-02	SWITCH, SOLENOID ASSY, 24VDC	1	
3	298530-01	BMR PUMP RESERVOIR, KIT, BOTH GD & PD	1	
4	287282	PLUG.SAE O-RING, 9/16-18, HEX, SO	1	
5	287281	PLUG,RESEV,BREATHER- FILLER	1	
6	269341	STRAP,MOTOR-SOLENOID CONNECTIO	1	
7	297573	FILTER,ELEMNT SPIN-ON,MINI,25 MICRON	1	
8	297578	PUMP,AP100/2.5,EXT TANG,NO CVRS	1	
9	297551	FITTING,CONNECTOR,3/8TUBEX1 /8NPTMALE	1	
10	269331	FILTER, SCREEN M-SERIES SUCT.	2	
11	290141	TUBE, SUCT 90,H/MT,M-400, 3/8NPT	2	
12	287277	CLAM,HOSE,WORM GEAR RSV, M-SER	1	
13	297565	O-RING,0.50 X 0.63 X 0.06 -014	1	
14	297566	O-RING,0.88 X 1.00 X 0.06 -020	1	
15	211353	PLATE, OVERMOLDED O-RING	2	
16	299145	TUBE, 90DEG, 3/8 NPTF, EXPD END	1	
17	297577	TUBE,90 DEG,3/8 NPTF	1	
18	269328	COVER REAR,AP100 309,.375 NPT	1	
19	269326	O-RING,SHAPED,REAR COVER,AP100	1	
20	297582	SCREW,SHCS,M8X1.25X75,DZF4		

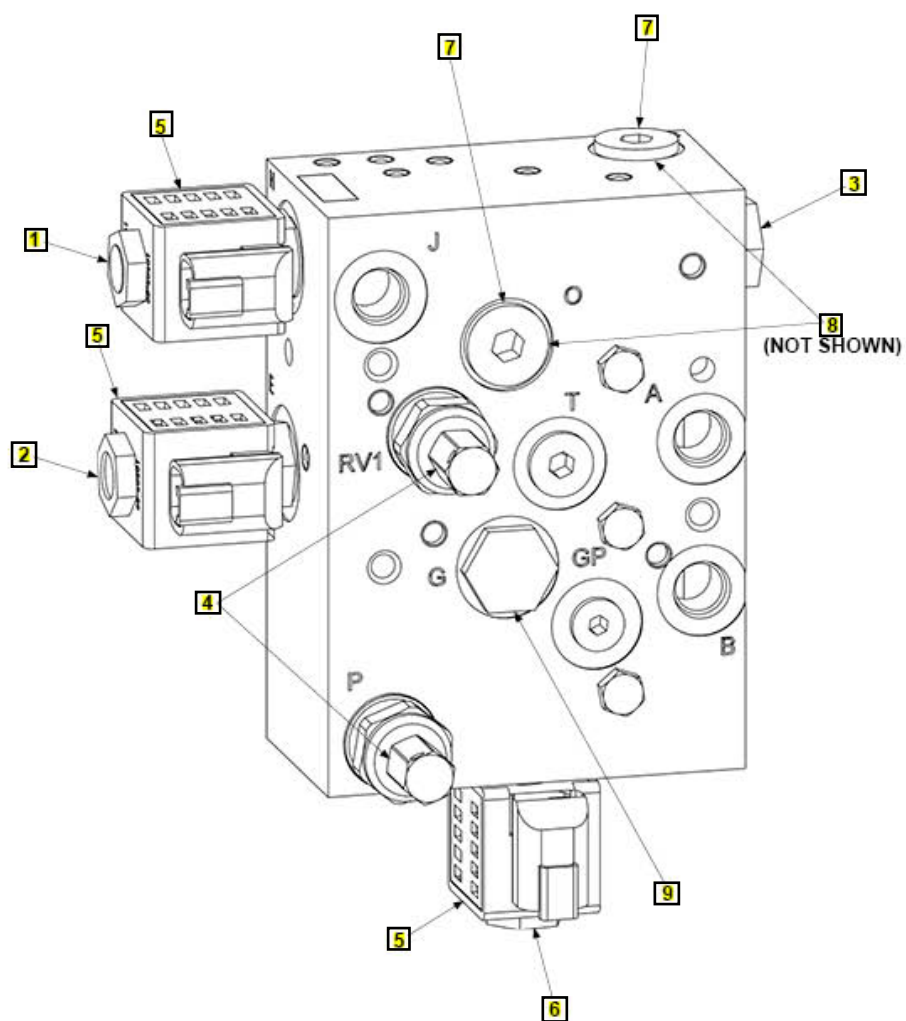
Pos	SKU	Description	Qty	Remark
21	297564	PIN,DOWEL,5MM X 7MM,AP100	2	
22	269324	O-RING,SHAPED,UP100 & UP110	1	
23	297833	WIRE ASSY, CNTRL, 16AWG, HS, RING	1	
24	282927-01	DECAL, BMR OIL LEVEL	1	
25	297569	ADAPTER,PLATE,SPIN-ON FILTER	1	
26	297571	SCREW,H.H CAP,1/4-20 X 1-1/2	4	
27	297572	CONNECTOR,3/4 SAE X 3/4 JIC	1	
28	297575	SCREW,HHC,1/4-20X3,GRADE8,ZINC	2	
29	297585	PLUG, SAE O-RING, 7/16-20, HEX, SO	2	
30	269340	SCREW,PAN HD,TORX,10-32X5/16	2	
31	297548	PIN,SPLIT,3/16 X 1/2	2	
32	297568	ADAPTER,RISER,1/4INSPACR,5/16SQ BASE	1	

VALVE ASSEMBLY - GRAVITY DOWN

COMPLETE ASSEMBLY:

12V VALVE ASSEMBLY - GRAVITY DOWN

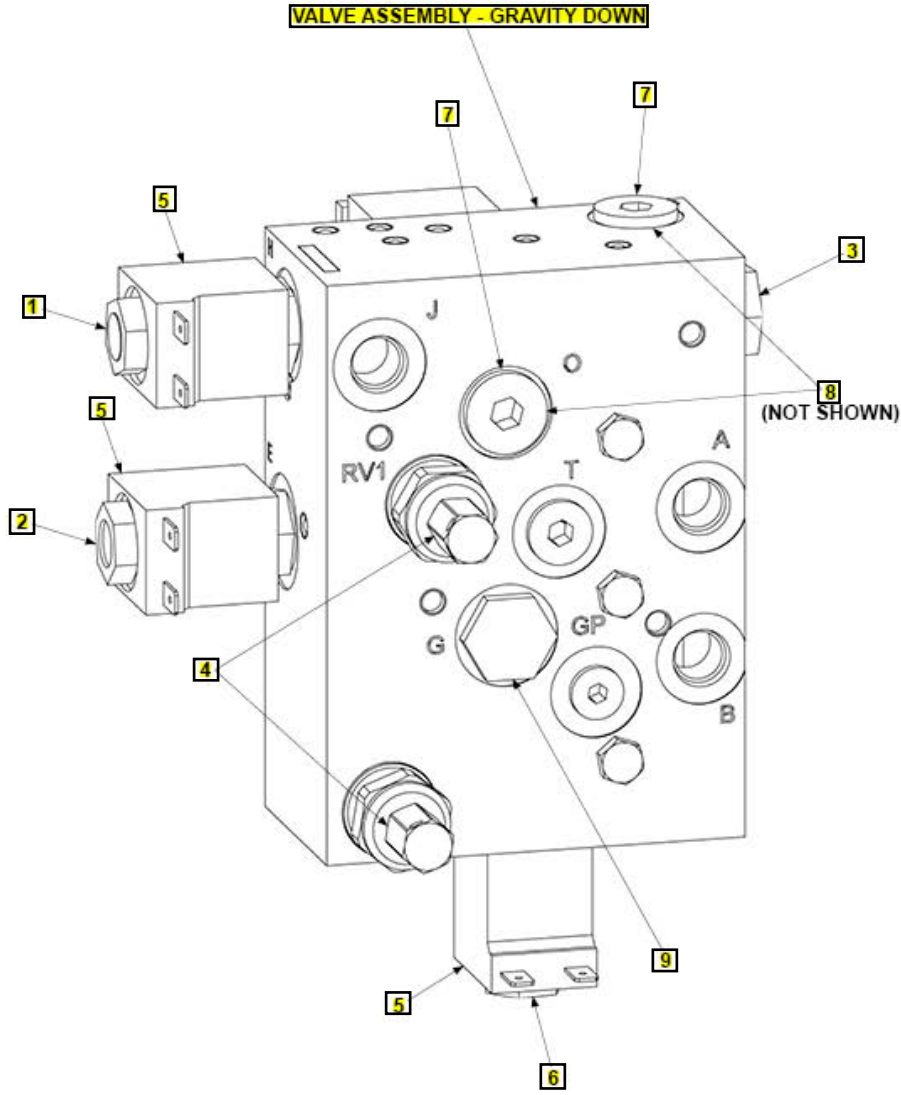
24V VALVE ASSEMBLY - GRAVITY DOWN

LAST UPDATED
MAR 2022 to present

Pos	SKU	Description	Qty	Remark
REF1	211961-12	VALVE ASSY, ELC 12VDC, 4W, CRT	1	
REF2	211961-24	VALVE ASSY, ELC 24VDC, 4W, CRT	1	
1	290153	CARTRIDGE,4-W/2-P.#8, 1/2IN STEM	1	
2	290126	CARTRIDGE ONLY, 3W/2P, GPS-LR	1	
3	211351	VALVE, CHECK, CART, #8, PIL OP, BLK	1	
4	269338	VALV MAX VM01 HDM10 T.95-210	2	
5	211962-12	COIL, 10VDC, 25W, RECT, DEUTSCH	3	
5	211962-24	COIL, 24VDC, 16W, RECT, DEUTSCH	3	
6	211825	CARTRIDGE, 2W/2P, NC, POPPET, 4000	1	
7	290162	PLUG, SAE O-RING, 3/4-16,HEX,SOC	2	
8	298031	POPPET ASSY, P CMP FL, GPM 1.5	2	
9	297539	VALVE,CK,CART,SIZE8,W/OSCREEN		

VALVE ASSEMBLY - GRAVITY DOWN
(BUCHER HYDRAULICS)

LAST UPDATED
MAR 2017 to FEB 2022



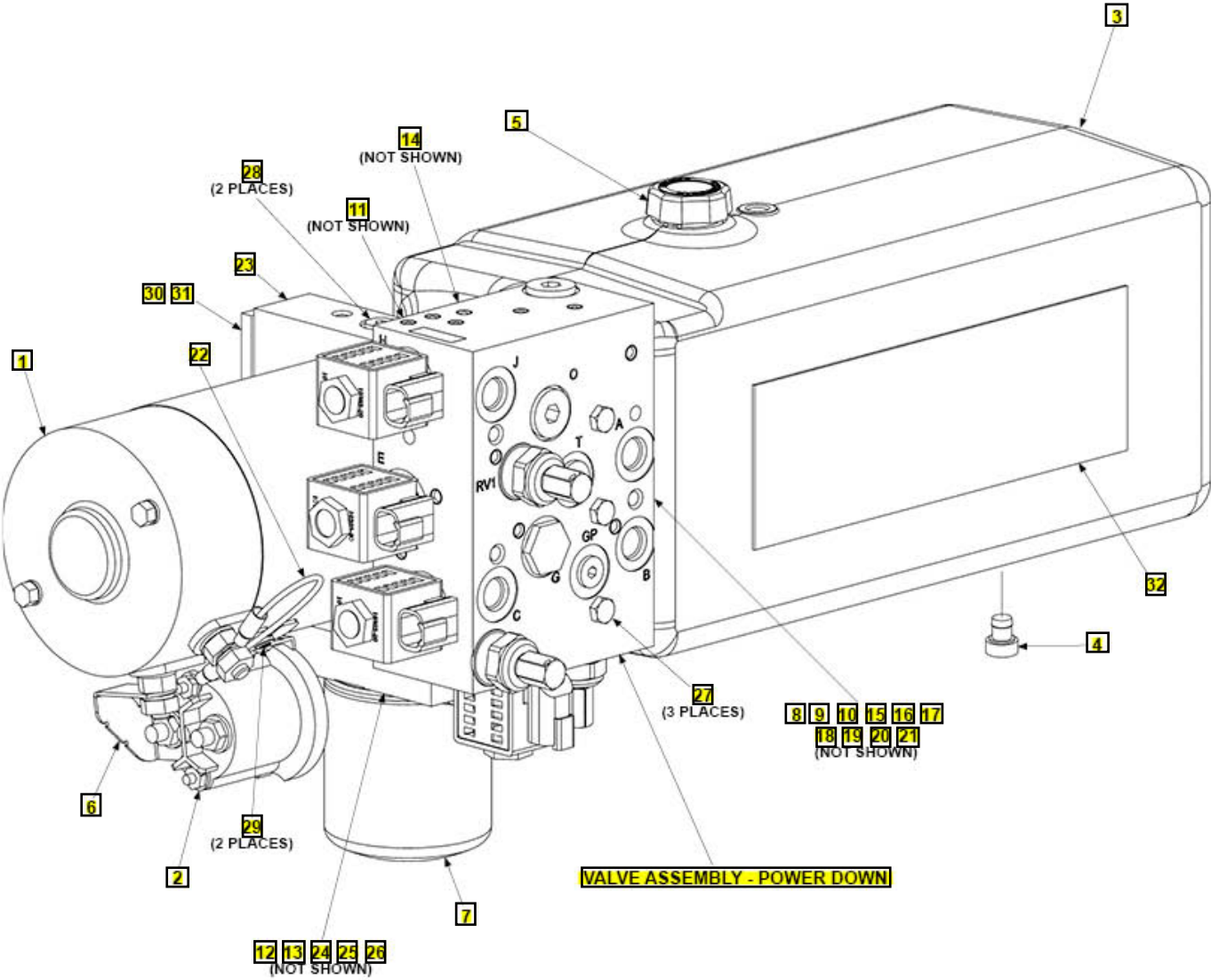
Pos	SKU	Description	Qty	Remark
REF	297538	VALVE ASSY,ELC,12VDC,4W,CRT, GD	1	
1	290153	CARTRIDGE,4-W/2-P.#8, 1/2IN STEM	1	
2	290126	CARTRIDGE ONLY, 3W/2P, GPS-LR	1	
3	211351	VALVE, CHECK, CART, #8, PIL OP, BLK	1	
4	290156	VALVE MAS VM01 HDM10 T.95-210 (SAME AS 269338)	2	
5	290125	COIL,10VDC,#8,TWO 1/4 MALE TAB	3	
6	211825	CARTRIDGE, 2W/2P, NC, POPPET, 4000	1	
7	290162	PLUG, SAE O-RING, 3/4-16,HEX,SOC	2	
8	269346	POPPET ASSY, PRSS CMP FL CNTRL	2	
9	297539	VALVE,CK,CART,SIZE8,W/OSCREEN		

12 VDC POWER UNIT - POWER DOWN

LAST UPDATED
MAR 2022 to present

COMPLETE ASSEMBLY:

12 VDC POWER UNIT - POWER DOWN

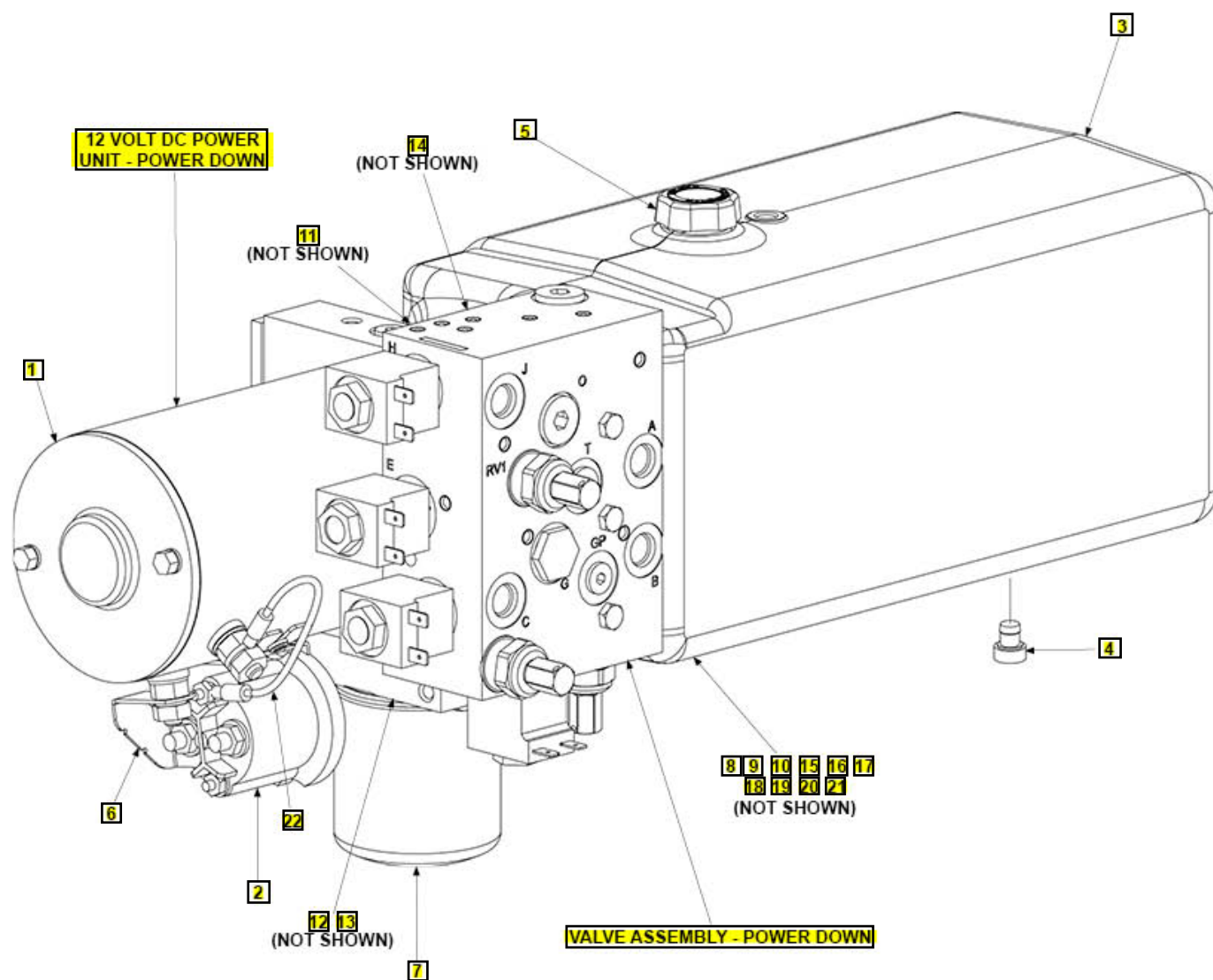


Pos	SKU	Description	Qty	Remark
REF	211965-12	12VDC POWER UNIT 203.1, PD, BMR	1	
1	297552	MOTOR,DC,12V,4.5in,2 TERM,LONG	1	
2	269339	SWITCH,SOL ACT MTR ST, 12 VDC	1	
3	298530-01	BMR PUMP RESERVOIR, KIT, BOTH GD & PD	1	
4	287282	PLUG.SAE O-RING, 9/16-18, HEX, SO	1	
5	287281	PLUG,RESEV,BREATHER- FILLER	1	
6	286599	STRAP, MOTOR-COLENOID CONNECTING	1	
7	297573	FILTER,ELEMNT SPIN-ON,MINI,25 MICRON	1	
8	297578	PUMP,AP100/2.5,EXT TANG,NO CVRS	1	
9	269331	FILTER, SCREEN M-SERIES SUCTION	2	
10	290141	TUBE, SUCTION 90,H/MT,M-400, 3/8NPT	2	
11	287277	CLAM,HOSE,WORM GEAR RSV, M-SER	1	
12	297565	O-RING,0.50 X 0.63 X 0.06 -014	1	
13	297566	O-RING,0.88 X 1.00 X 0.06 -020	1	
14	211353	PLATE, OVERMOLDED O-RING	2	
15	299145	TUBE, 90DEG, 3/8 NPTF, EXPD END	1	
16	297577	TUBE,90 DEG,3/8 NPTF	1	
17	269328	COVER REAR,AP100 309,.375 NPT	1	
18	269326	O-RING,SHAPED,REAR COVER,AP100	1	
19	297582	SCREW,SHCS,M8X1.25X75,DZF4		

Pos	SKU	Description	Qty	Remark
20	297564	PIN,DOWEL,5MM X 7MM,AP100	2	
21	269324	O-RING,SHAPED,UP100 & UP110	1	
22	297833	WIRE ASSY, CNTRL, 16AWG, HS, RING	1	
23	211352	BASE ASSY, M3598, AP100, STD MTR	1	
24	297569	ADAPTER,PLATE,SPIN-ON FILTER	1	
25	297571	SCREW,H.H CAP,1/4-20 X 1-1/2	4	
26	297572	CONNECTOR,3/4 SAE X 3/4 JIC	1	
27	297575	SCREW,HHC,1/4-20X3,GRADE8, Z INC		
28	297585	PLUG, SAE O-RING, 7/16-20, HEX, SO	2	
29	269340	SCREW,PAN HD,TORX,10-32X5/16	2	
30	297548	PIN,SPLIT,3/16 X 1/2	2	
31	297568	ADAPTER,RISER,1/4INSPACR,5 1/4SQ BASE	1	
32	282927-01	DECAL, BMR OIL LEVEL	1	

12 VOLT DC POWER UNIT - POWER DOWN
(BUCHER HYDRAULICS)

LAST UPDATED
MAR 2017 to FEB 2022

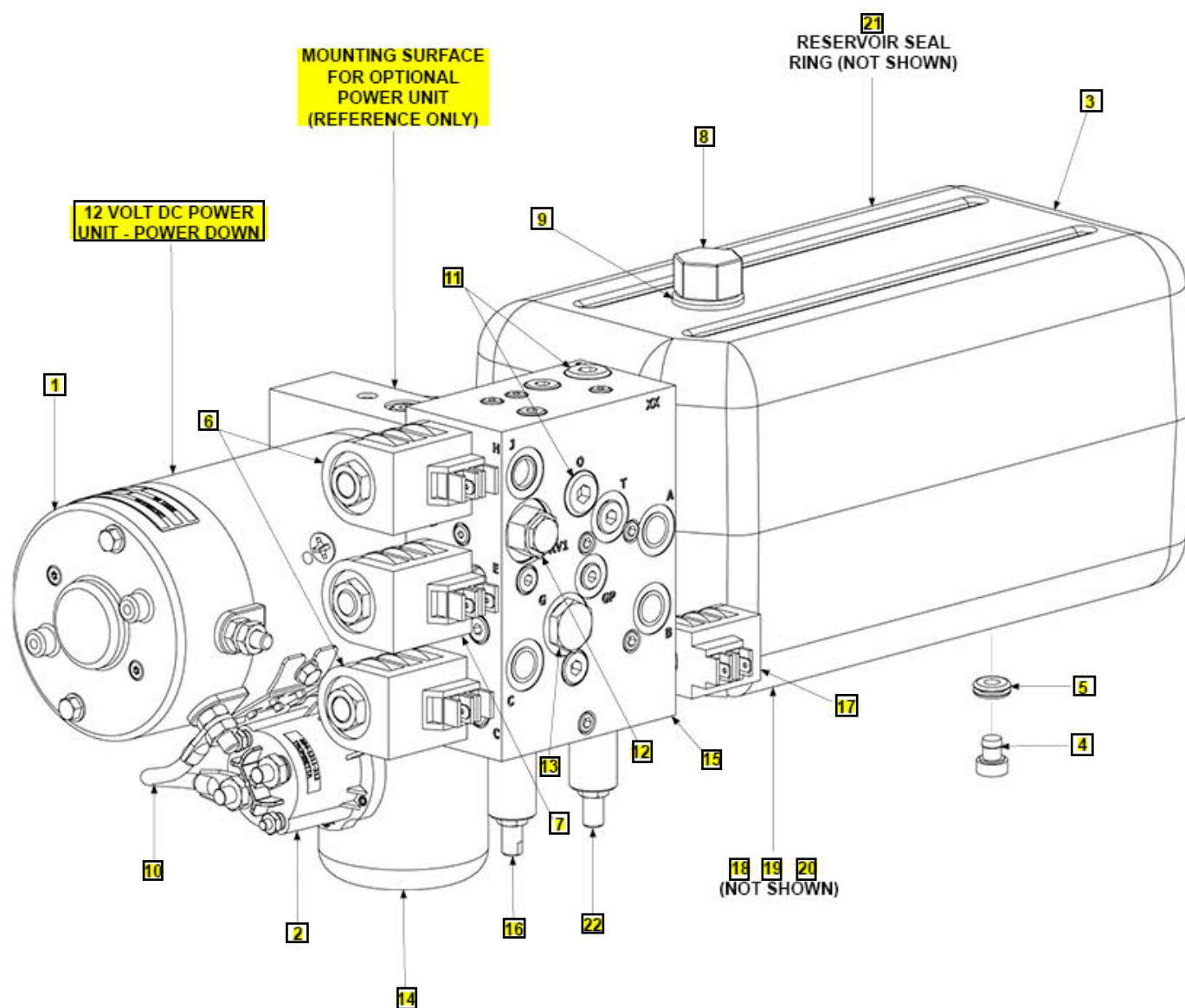


Pos	SKU	Description	Qty	Remark
REF	297540-12	12 VDC POWER UNIT 203.1 BMR PD	1	
1	297552	MOTOR,DC,12V,4.5in,2 TERM,LONG	1	
2	269339	SWITCH,SOL ACT MTR ST, 12 VDC	1	
3	298530-01	BMR PUMP RESERVOIR, KIT, BOTH GD & PD	1	
4	287282	PLUG.SAE O-RING, 9/16-18, HEX, SO	1	
5	287281	PLUG,RESEV,BREATHER- FILLER	1	
6	286599	STRAP, MOTOR-COLENOID CONNECTING	1	
7	297573	FILTER,ELEMNT SPIN-ON,MINI,25 MICRON	1	
8	297578	PUMP,AP100/2.5,EXT TANG,NO CVRS	1	
9	269331	FILTER, SCREEN M-SERIES SUCT.	2	
10	290141	TUBE, SUCT 90,H/MT,M-400, 3/8NPT	2	
11	287277	CLAM,HOSE,WORM GEAR RSV, M-SER	1	
12	297565	O-RING,0.50 X 0.63 X 0.06 -014	1	
13	297566	O-RING,0.88 X 1.00 X 0.06 -020	1	
14	297553	O-RING,0.63 X 0.75 X 0.06 -016	2	
15	299145	TUBE, 90DEG, 3/8 NPTF, EXPD END	1	
16	297577	TUBE,90 DEG,3/8 NPTF	1	
17	269328	COVER REAR,AP100 309,.375 NPT	1	
18	269326	O-RING,SHAPED,REAR COVER,AP100	1	
19	297582	SCREW,SHCS,M8X1.25X75,DZF4		

Pos	SKU	Description	Qty	Remark
20	297564	PIN,DOWEL,5MM X 7MM,AP100	2	
21	269324	O-RING,SHAPED,UP100 & UP110	1	
22	297833	WIRE ASSY, CNTRL, 16AWG, HS, RING	1	

12 VOLT DC POWER UNIT - POWER DOWN
(MTE HYDRAULICS)

LAST UPDATED
OCT 2016 to FEB 2017



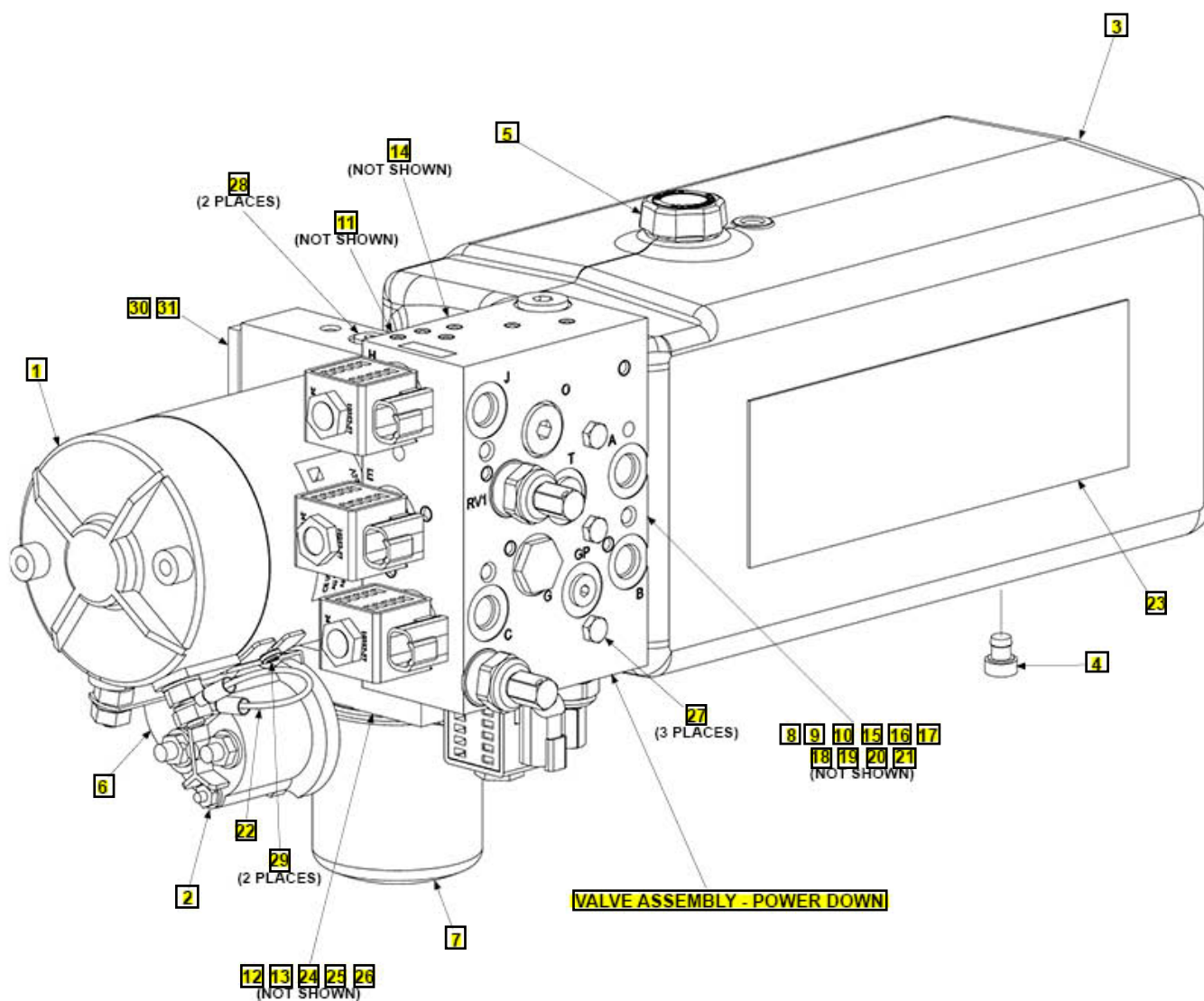
Pos	SKU	Description	Qty	Remark
REF	296020-12	12 VDC POWER UNIT 203.1, BMR PD	1	
1	269582-01	MOTOR,12 VDC,HEAVY DUTY,2 TERM	1	
2	284080-01	SWITCH, SOLENOID ASSY	1	
3	296022-01	TANK 2.0 GALLON 16" LONG W/FOOT BRACKET	1	
4	908017-01	PLUG, DRAIN PORT	1	
5	908018-01	GROMMET RUBBER, .31 ID	1	
6	290046	VALVE ASSY4WAYDOUBLE SPADE	1	
7	290019	VALVE,2 POS-3WAY W/COIL	1	
8	280806-01	FILLER, BREATHER	1	
9	908016-01	GROMMET, RUBBER, .60 ID	1	
10	280404	CABLE ASSY	1	
11	906929-01	FLOW CONTROL VALVE, 1.50 GPM, P-C	2	
12	906930-01	RELIEF VALVE "RV1" SET @ 2400 PSI	1	
13	290033	VALVE, CHECK VERTICAL PUMP	1	
14	262412	(USE 297573) FILTER, SPIN ON HYDRAULIC	1	
15	296023-01	MANIFOLD ASSEMBLY, MAXON, SEVERE DUTY	1	
16	290035	VALVE, RELIEF 2400 PSI	1	
17	290043	VALVE ASSY 2 WAY DOUBLE SPADE	1	
18	296021-01	PUMP, 203.1, PRESSURE LOADED	1	
19	260261	OIL SEAL,PUMP	1	
20	290020	O-RING, KEPNER CHECK VALVE	1	
21	290061	SEAL SQUARE CUT PL RESERVOIR	1	
22	905195	RELIEF VALVE DIFF,2000-3500PSI	1	

24 VDC POWER UNIT - POWER DOWN

COMPLETE ASSEMBLY:

24 VDC POWER UNIT - POWER DOWN

LAST UPDATED
MAR 2022 to present



Pos	SKU	Description	Qty	Remark
REF	211965-24	24VDC POWER UNIT 203.1, PD, BMR	1	
1	269351	MOTOR DC 24 VOLT 2 TERM	1	
2	284080-02	SWITCH, SOLENOID ASSY, 24VDC	1	
3	298530-01	BMR PUMP RESERVOIR, KIT, BOTH GD & PD	1	
4	287282	PLUG.SAE O-RING, 9/16-18, HEX, SO	1	
5	287281	PLUG,RESEV,BREATHER- FILLER	1	
6	269341	STRAP,MOTOR-SOLENOID CONNECTIO	1	
7	297573	FILTER,ELEMNT SPIN-ON,MINI,25 MICRON	1	
8	297578	PUMP,AP100/2.5,EXT TANG,NO CVRS	1	
9	269331	FILTER, SCREEN M-SERIES SUCTION	2	
10	290141	TUBE, SUCTION 90,H/MT,M-400, 3/8NPT	2	
11	287277	CLAM,HOSE,WORM GEAR RSV, M-SER	1	
12	297565	O-RING,0.50 X 0.63 X 0.06 -014	1	
13	297566	O-RING,0.88 X 1.00 X 0.06 -020	1	
14	211353	PLATE, OVERMOLDED O-RING	2	
15	299145	TUBE, 90DEG, 3/8 NPTF, EXPD END	1	
16	297577	TUBE,90 DEG,3/8 NPTF	1	
17	269328	COVER REAR,AP100 309,.375 NPT	1	
18	269326	O-RING,SHAPED,REAR COVER,AP100	1	
19	297582	SCREW,SHCS,M8X1.25X75,DZF4		
20	297564	PIN,DOWEL,5MM X 7MM,AP100	2	

Pos	SKU	Description	Qty	Remark
21	269324	O-RING,SHAPED,UP100 & UP110	1	
22	297833	WIRE ASSY, CNTRL, 16AWG, HS, RING	1	
23	282927-01	DECAL, BMR OIL LEVEL	1	
24	297569	ADAPTER,PLATE,SPIN-ON FILTER	1	
25	297571	SCREW,H.H CAP,1/4-20 X 1-1/2	4	
26	297572	CONNECTOR,3/4 SAE X 3/4 JIC	1	
27	297575	SCREW,HHC,1/4-20X3,GRADE8,ZINC		
28	297585	PLUG, SAE O-RING, 7/16-20, HEX, SO	2	
29	269340	SCREW,PAN HD,TORX,10-32X5/16	2	
30	297548	PIN,SPLIT,3/16 X 1/2	2	
31	297568	ADAPTER,RISER,1/4INSPACR,5/16SQ BASE	1	

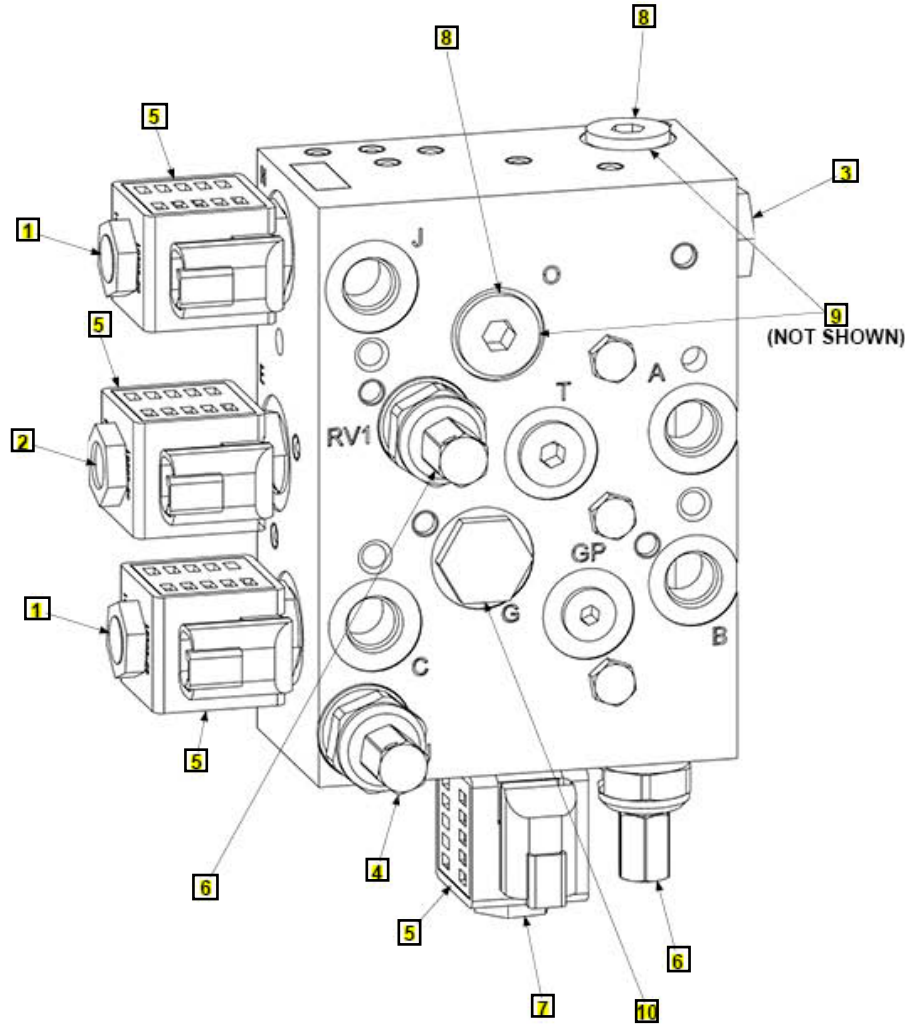
VALVE ASSEMBLY - POWER DOWN

LAST UPDATED
MAR 2022 to present

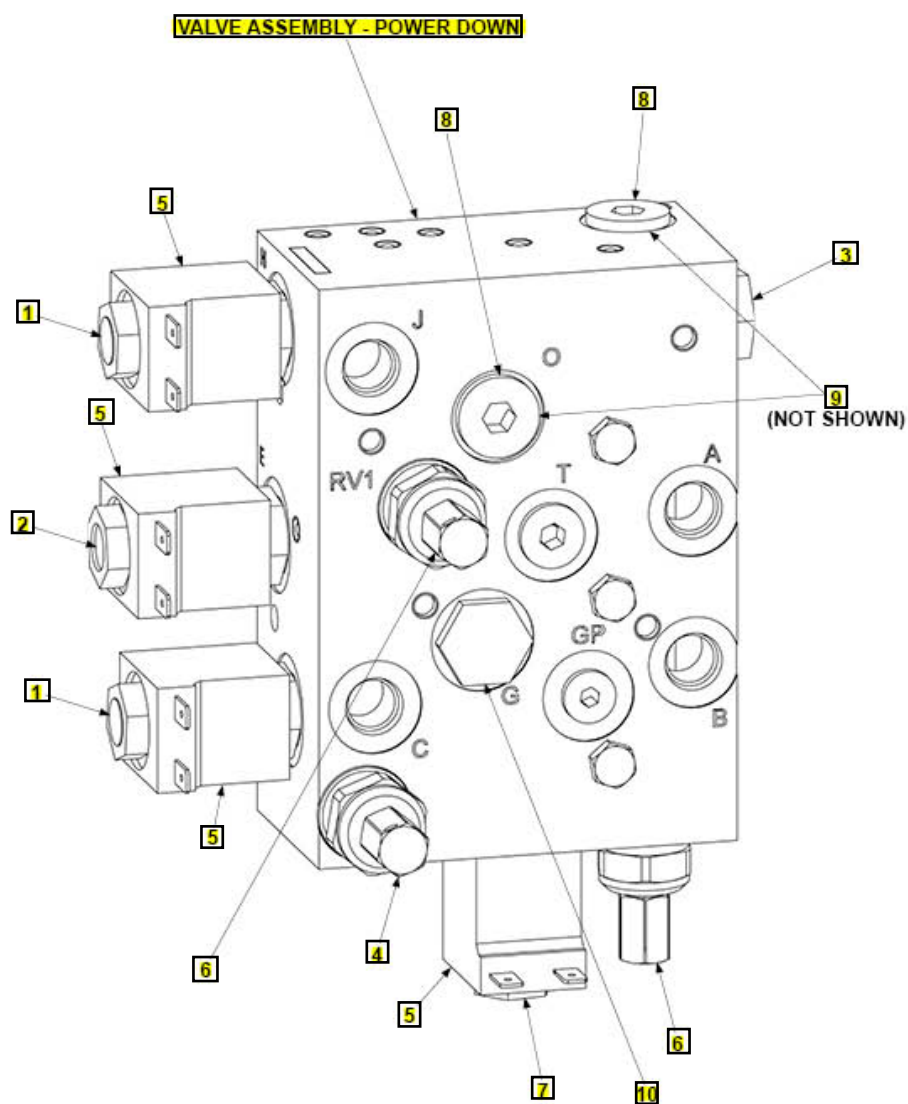
COMPLETE ASSEMBLY:

12V VALVE ASSEMBLY - POWER DOWN

24V VALVE ASSEMBLY - POWER DOWN



Pos	SKU	Description	Qty	Remark
REF1	211964-12	VALVE ASSY, ELC, 12VDC, 4W4W, CRT	1	
REF2	211964-24	VALVE ASSY, ELC, 24VDC, 4W4W, CRT	1	
1	290153	CARTRIDGE,4-W/2-P.#8, 1/2IN STEM	2	
2	290126	CARTRIDGE ONLY, 3W/2P, GPS-LR	1	
3	211351	VALVE, CHECK, CART, #8, PIL OP, BLK	1	
4	298032	VALV MAX VM01 HDM10 T.0-30	1	
5	211962-12	COIL, 10VDC, 25W, RECT, DEUTSCH	1	
5	211962-24	COIL, 24VDC, 16W, RECT, DEUTSCH	1	
6	269338	VALV MAX VM01 HDM10 T.95-210	2	
7	211825	CARTRIDGE, 2W/2P, NC, POPPET, 4000	1	
8	290162	PLUG, SAE O-RING, 3/4-16,HEX,SOC	2	
9	298031	POPPET ASSY, P CMP FL, GPM 1.5	2	
10	297539	VALVE,CK,CART,SIZE8,W/OSCREEN		

**VALVE ASSEMBLY - POWER DOWN
(BUCHER HYDRAULICS)**LAST UPDATED
MAR 2017 to FEB 2022

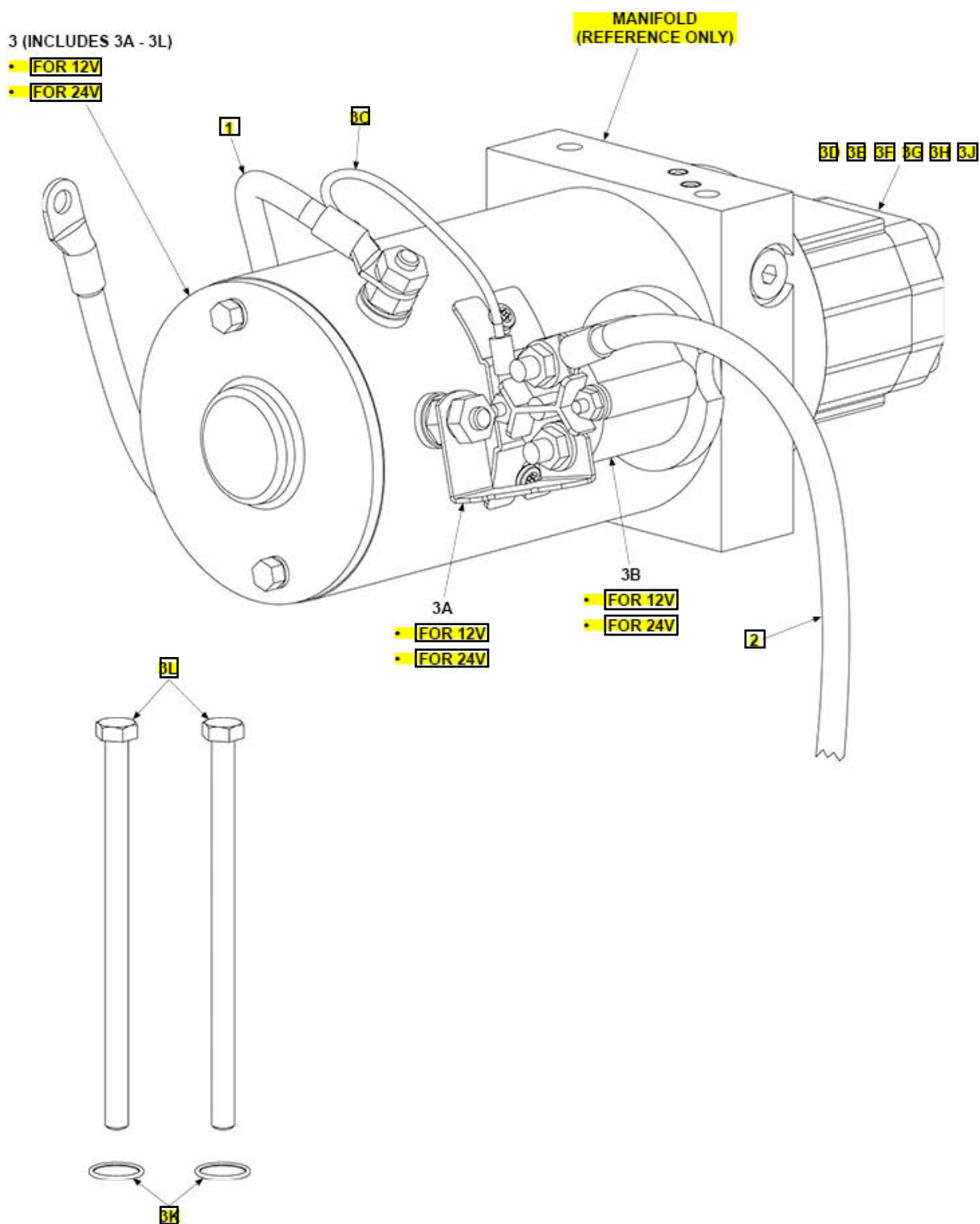
Pos	SKU	Description	Qty	Remark
REF	297574	VALVE ASSY,ELC,12VDC,4W/4W,CRT, 1 PD	1	
1	290153	CARTRIDGE,4-W/2-P.#8, 1/2IN STEM	2	
2	290126	CARTRIDGE ONLY, 3W/2P, GPS-LR	1	
3	211351	VALVE, CHECK, CART, #8, PIL OP, BLK	1	
4	298032	VALV MAX VM01 HDM10 T.0-30	1	
5	290125	COIL,10VDC,#8,TWO 1/4 MALE TAB	4	
6	269338	VALV MAX VM01 HDM10 T.95-210	2	
7	211825	CARTRIDGE, 2W/2P, NC, POPPET, 4000	1	
8	290162	PLUG, SAE O-RING, 3/4-16,HEX,SOC	2	
9	298031	POPPET ASSY, P CMP FL, GPM 1.5	2	
10	297539	VALVE,CK,CART,SIZE8,W/OSCREEN		

SECONDARY POWER UNIT (OPTIONAL)

COMPLETE PUMP ASSEMBLY:

12V SECONDARY POWER UNIT

24V SECONDARY POWER UNIT

LAST UPDATED
MAR 2022 to present

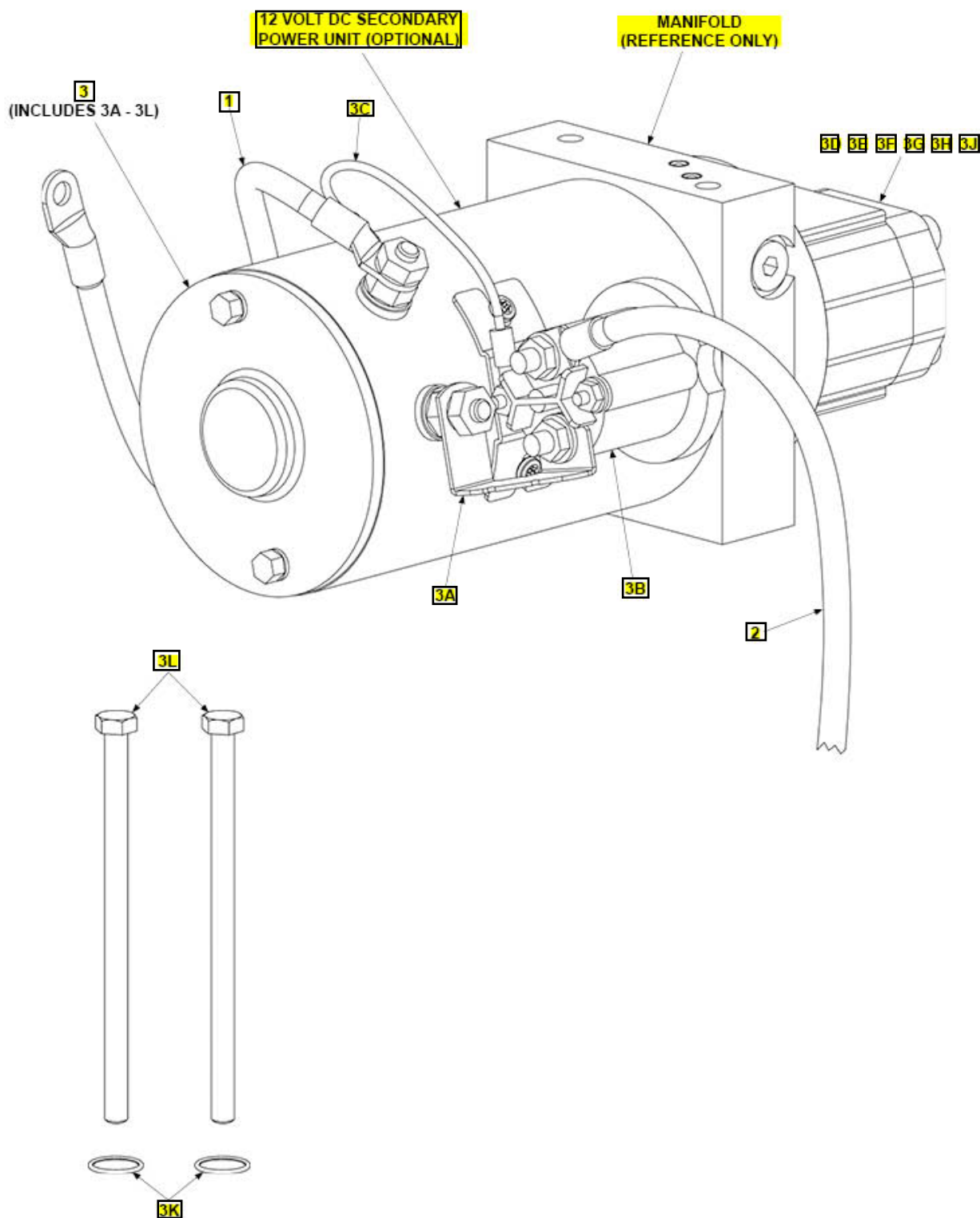
Pos	SKU	Description	Qty	Remark
REF1	296445-12	2ND PUMP ASSY, KIT 12V	1	
REF2	296445-24	2ND PUMP ASSY, KIT 24V	1	
1	268226-01	CABLE ASSY,2GA,.31/.38RING,10IN	1	
2	287676-02	CABLE ASSY 2GA, R.31/.38, 35.0 LG	1	
3-1	297525-12	12V POWER UNIT (2ND PUMP)	1	
3-2	297525-24	24V POWER UNIT (MOTOR)	1	
3A1	286599	STRAP, MOTOR-COLENOID CONNECTING	1	
3A2	269341	STRAP,MOTOR-SOLENOID CONNECTIO	1	
3B1	269339	SWITCH,SOL ACT MTR ST, 12 VDC	1	
3B2	284080-02	SWITCH, SOLENOID ASSY, 24VDC	1	
3C	297833	WIRE ASSY, CNTRL, 16AWG, HS, RING	1	
3D	297578	PUMP,AP100/2.5,EXT TANG,NO CVRS	1	
3E	269324	O-RING,SHAPED,UP100 & UP110	1	
3F	297561	SCREW,SOCKET HEAD CAP,M8 X 80,GRADE 12.9 (200521603526)	4	
3G	297562	COVER,REAR,AP100,MACHINED,EXTR (500202320304)	1	
3H	269326	O-RING,SHAPED,REAR COVER,AP100	1	
3J	297564	PIN,DOWEL,5MM X 7MM,AP100	4	
3K	297553	O-RING,0.63 X 0.75 X 0.06 -016	2	
3L	297554	SCREW,5/16-18X5 1/2,H.HD.CAP,GR.8 (500206924301)	2	

12 VOLT DC SECONDARY POWER UNIT (OPTIONAL) (BUCHER HYDRAULICS)

NOTE: Secondary power unit is the same for gravity down or power down pumps.

NOTE: Two 5/16" hex socket head screws fasten the secondary power unit to the pump assembly. Torque the 2 screws to 18 lb-ft +/- 2 lb-ft.

LAST UPDATED
MAR 2017 to FEB 2022



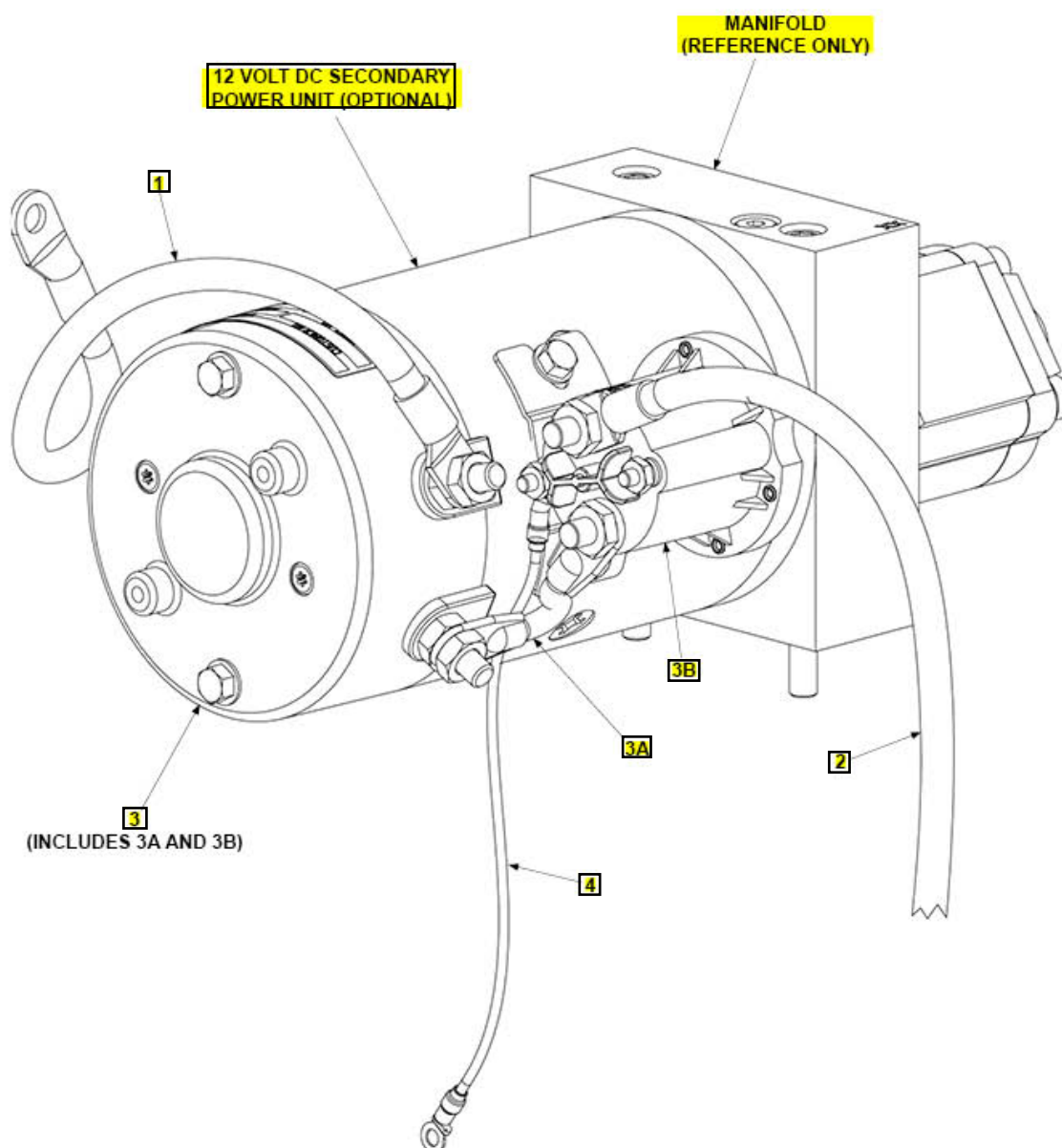
Pos	SKU	Description	Qty	Remark
REF	296445-12	2ND PUMP ASSY, KIT 12V	1	
1	268226-01	CABLE ASSY,2GA,.31/.38RING,10IN	1	
2	287676-02	CABLE ASSY 2GA, R.31/.38, 35.0 LG	1	
3	297525-12	12V POWER UNIT (2ND PUMP)	1	
3A	286599	STRAP, MOTOR-COLENOID CONNECTING	1	
3B	269339	SWITCH,SOL ACT MTR ST, 12 VDC	1	
3C	297833	WIRE ASSY, CNTRL, 16AWG, HS, RING	1	
3D	297578	PUMP,AP100/2.5,EXT TANG,NO CVRS	1	
3E	269324	O-RING,SHAPED,UP100 & UP110	1	
3F	297561	SCREW,SOCKET HEAD CAP,M8 X 80,GRADE 12.9 (200521603526)	4	
3G	297562	COVER,REAR,AP100,MACHINED,EXTR (500202320304)	1	
3H	269326	O-RING,SHAPED,REAR COVER,AP100	1	
3J	297564	PIN,DOWEL,5MM X 7MM,AP100	4	
3K	297553	O-RING,0.63 X 0.75 X 0.06 -016	2	
3L	297554	SCREW,5/16-18X5 1/2,H.HD.CAP,GR.8 (500206924301)	2	

**12 VOLT DC SECONDARY POWER UNIT (OPTIONAL)
(MTE HYDRAULICS)**

NOTE: Secondary power unit is the same for gravity down or power down pumps.

NOTE: Two 5/16" hex socket head screws fasten the secondary power unit to the pump assembly. Torque the 2 screws to **18 lb-ft +/- 2 lb-ft**.

**LAST UPDATED
OCT 2016 to FEB 2017**



Pos	SKU	Description	Qty	Remark
REF	296445-12	2ND PUMP ASSY, KIT 12V	1	
1	268226-01	CABLE ASSY,2GA,.31/.38RING,10IN	1	
2	287676-02	CABLE ASSY 2GA, R.31/.38, 35.0 LG	1	
3	296015-12	12 VDC P/UNIT 203.1, NO BLOCK	1	
3A	280404	CABLE ASSY	1	
3B	284080-01	SWITCH, SOLENOID ASSY	1	
4	296443-01	GROUND WIRE ASSY	1	

BMR

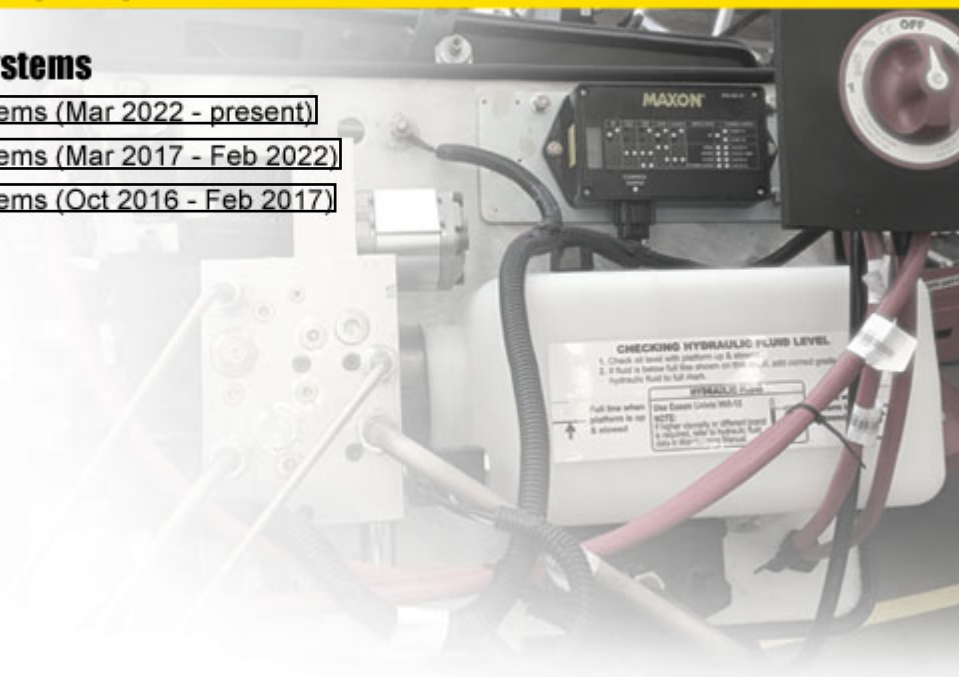
COLUMNLIFT® SERIES

Electrical Systems

Electrical Systems (Mar 2022 - present)

Electrical Systems (Mar 2017 - Feb 2022)

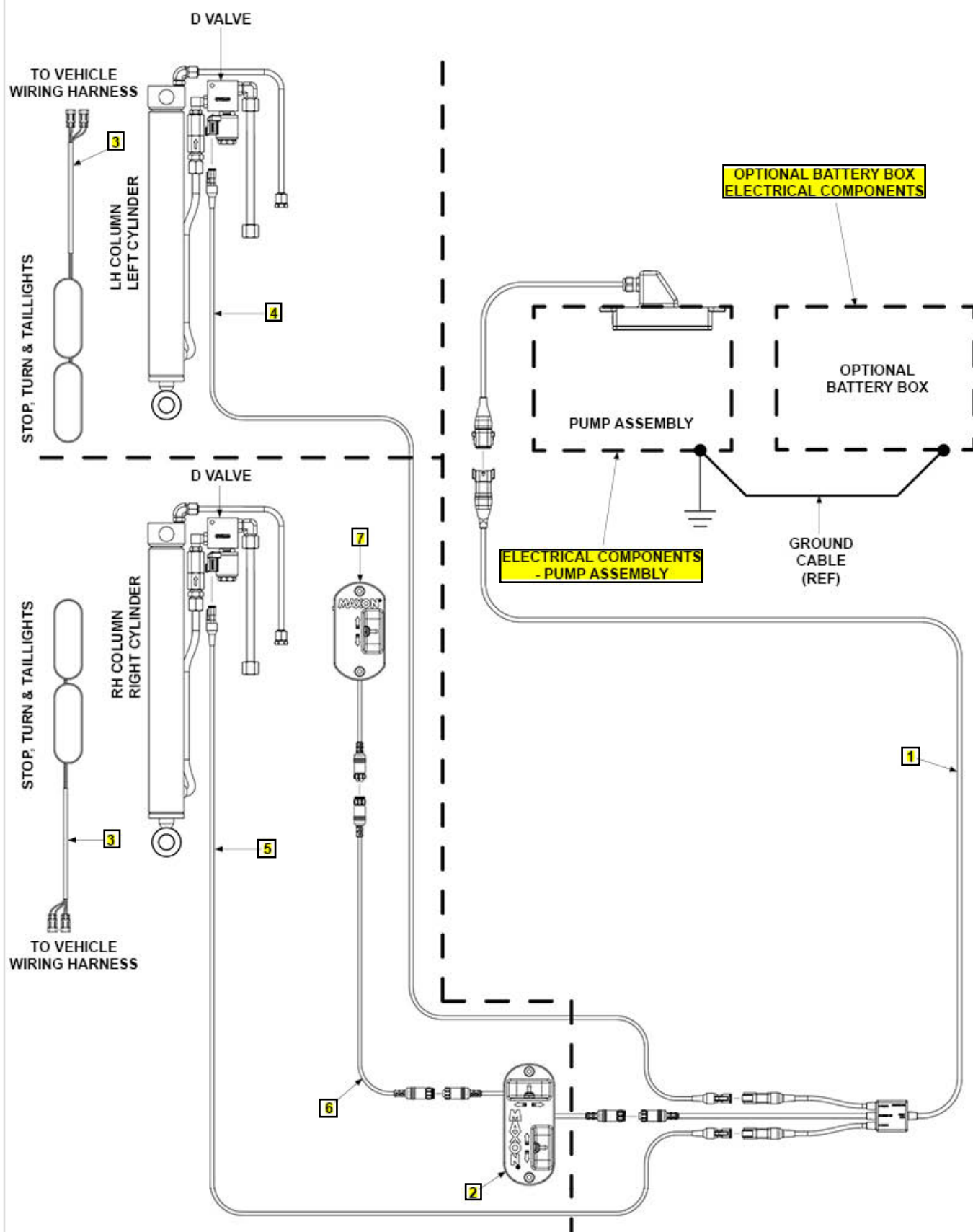
Electrical Systems (Oct 2016 - Feb 2017)



Pos	SKU	Description	Qty	Remark
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ELECTRICAL SYSTEMS

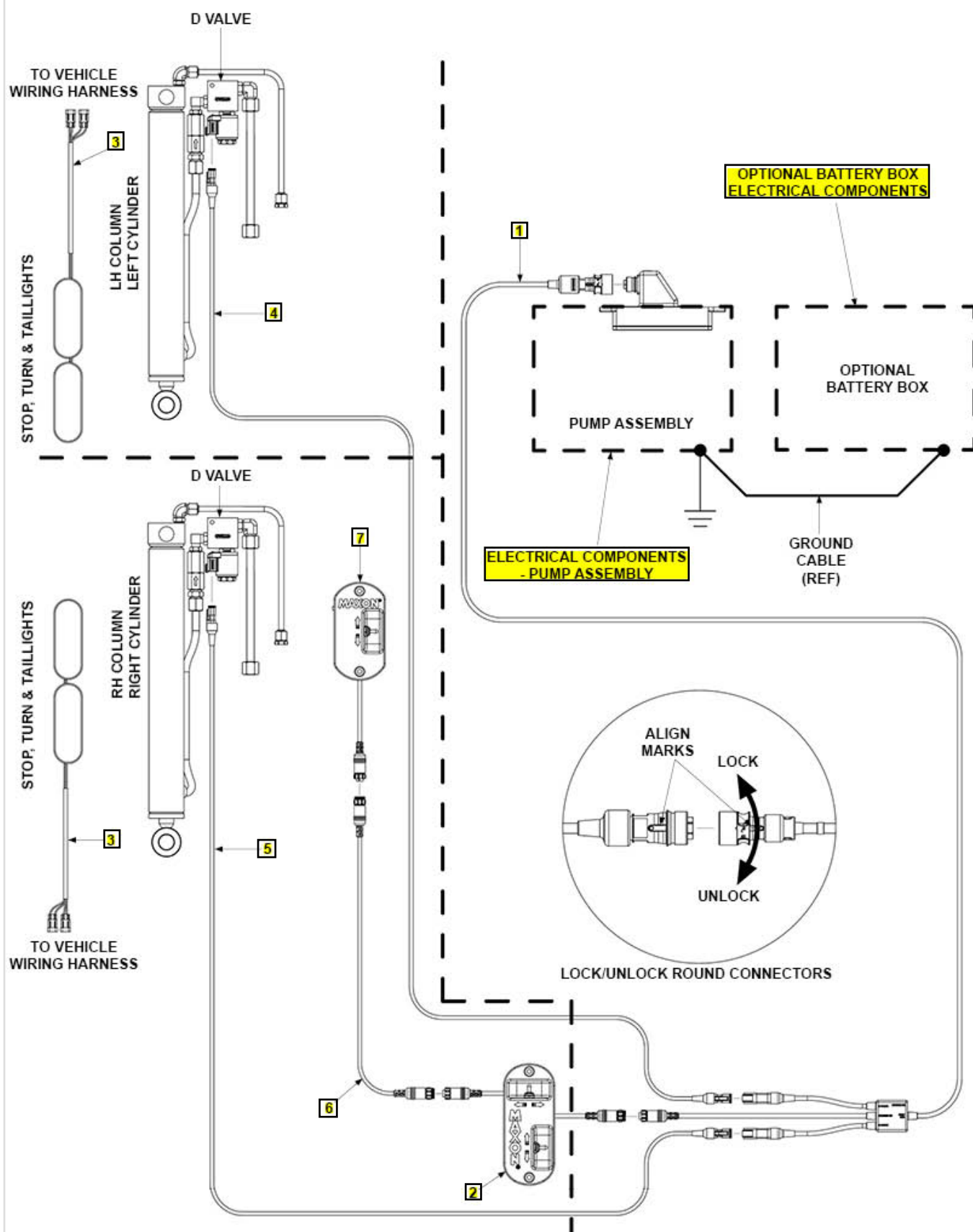
LAST UPDATED
MAR 2022 to present



Pos	SKU	Description	Qty	Remark
1	211290-01	DEUTSCH INTERCONNECT HARNESS 6FT L, BMR	1	
1	211290-02	DEUTSCH INTERCONNECT HARNESS 15FT L, BMR	1	
1	211290-03	DEUTSCH INTERCONNECT HARNESS 23FT L, BMR	1	
1	211290-05	DEUTSCH INTERCONNECT HARNESS 31FT L, BMR	1	
1	211290-06	DEUTSCH INTERCONNECT HARNESS 39FT L, BMR	1	
2	296150-01	MAIN TOGGLE SW ASSY. GD	1	
2	296150-02	MAIN TOGGLE SW ASSY. PD	1	
3	295916-01	ST&T, HARN, LED TO INC, BMR	2	
4	286268-02	CABLE MOLDED, 240" LG	1	
5	286268-03	CABLE MOLDED, 166" LG	1	
6	296649-01	FLEX CABLE M/M CON. HARNESS	1	
7	296160-01	RUNNER TOGGLE SW ASSY, GD	1	
7	296160-02	RUNNER TOGGLE SW ASSY, PD	1	

ELECTRICAL SYSTEMS (BUCHER HYDRAULICS)

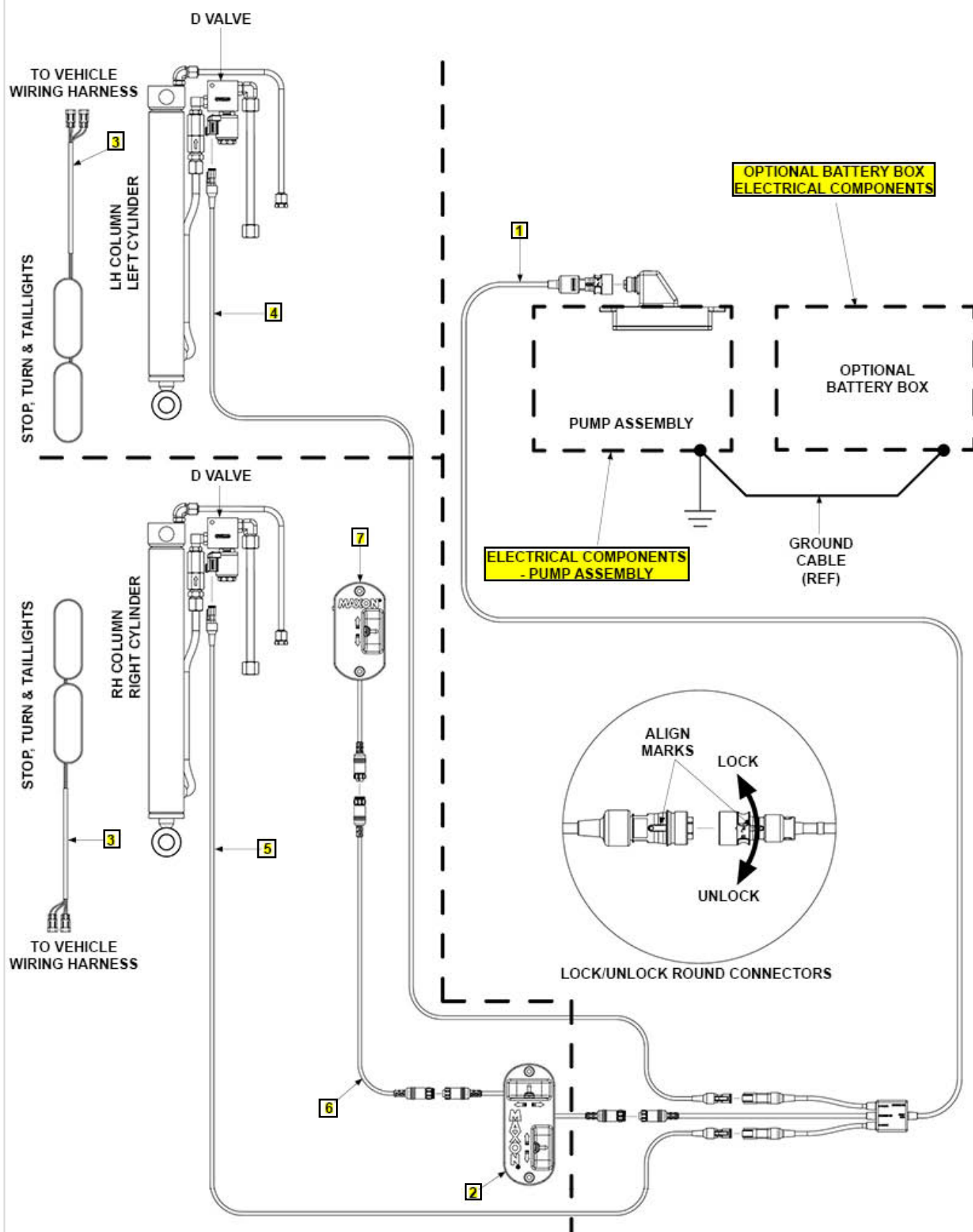
LAST UPDATED
MAR 2017 to FEB 2022



Pos	SKU	Description	Qty	Remark
1	296900-01	INTERCONNECT HARNESS 6'L	1	
1	296900-02	INTERCONNECT HARNESS 15'L	1	
1	296900-03	INTERCONNECT HARNESS 23'L	1	
1	296900-05	INTERCONNECT HARNESS 31'L	1	
1	296900-06	INTERCONNECT HARNESS 39'L	1	
2	296150-01	MAIN TOGGLE SW ASSY. GD	1	
2	296150-02	MAIN TOGGLE SW ASSY. PD	1	
3	295916-01	ST&T, HARN, LED TO INC, BMR	2	
4	286268-02	CABLE MOLDED, 240" LG	1	
5	286268-03	CABLE MOLDED, 166" LG	1	
6	296649-01	FLEX CABLE M/M CON. HARNESS	1	
7	296160-01	RUNNER TOGGLE SW ASSY, GD	1	
7	296160-02	RUNNER TOGGLE SW ASSY, PD	1	

ELECTRICAL SYSTEMS (MTE HYDRAULICS)

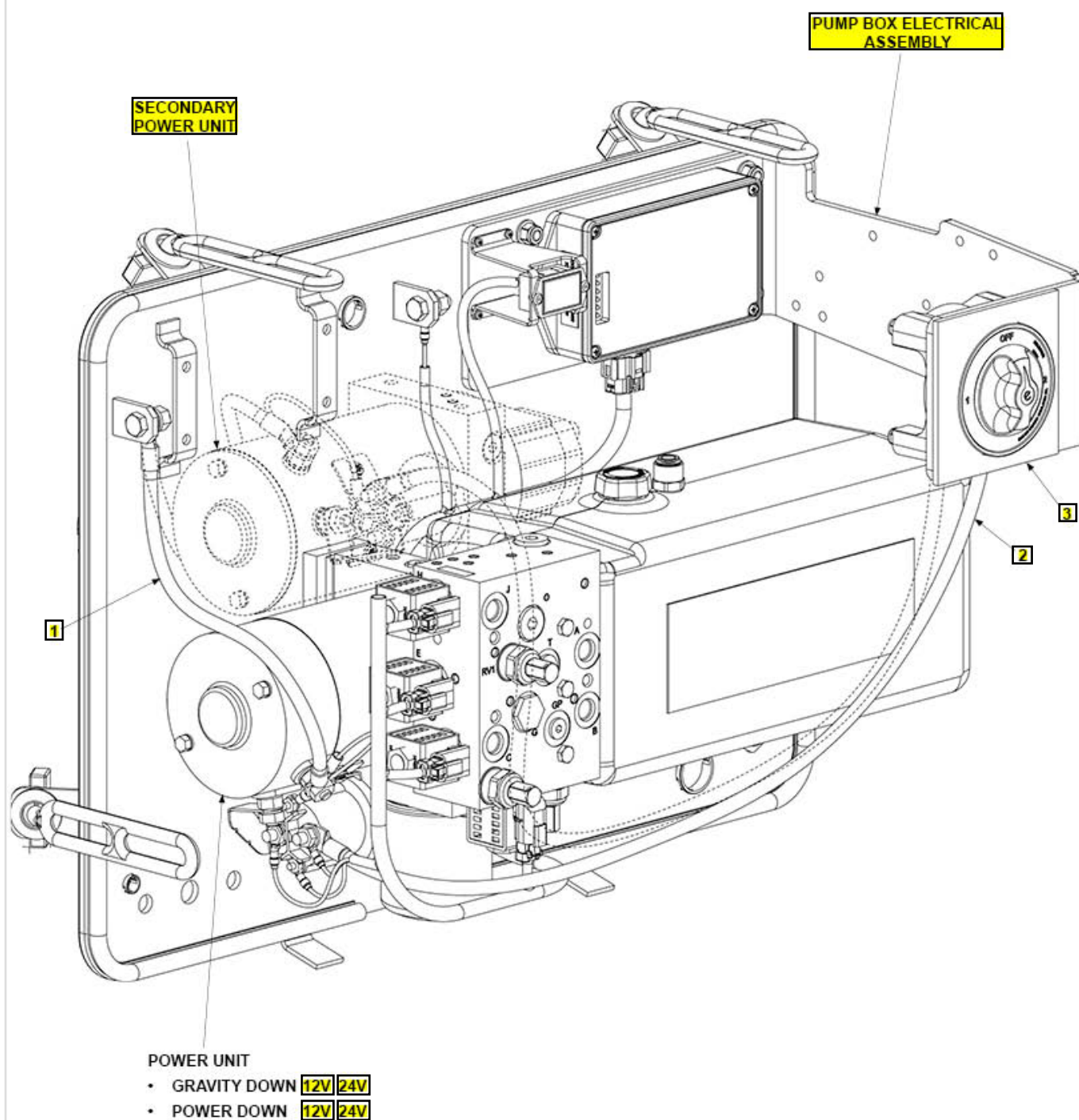
LAST UPDATED
OCT 2016 to FEB 2017



Pos	SKU	Description	Qty	Remark
1	296900-01	INTERCONNECT HARNESS 6'L	1	
1	296900-02	INTERCONNECT HARNESS 15'L	1	
1	296900-03	INTERCONNECT HARNESS 23'L	1	
1	296900-05	INTERCONNECT HARNESS 31'L	1	
1	296900-06	INTERCONNECT HARNESS 39'L	1	
2	296150-01	MAIN TOGGLE SW ASSY. GD	1	
2	296150-02	MAIN TOGGLE SW ASSY. PD	1	
3	295916-01	ST&T, HARN, LED TO INC, BMR	2	
4	286268-02	CABLE MOLDED, 240" LG	1	
5	286268-03	CABLE MOLDED, 166" LG	1	
6	296649-01	FLEX CABLE M/M CON. HARNESS	1	
7	296160-01	RUNNER TOGGLE SW ASSY, GD	1	
7	296160-02	RUNNER TOGGLE SW ASSY, PD	1	

ELECTRICAL COMPONENTS - PUMP ASSEMBLY

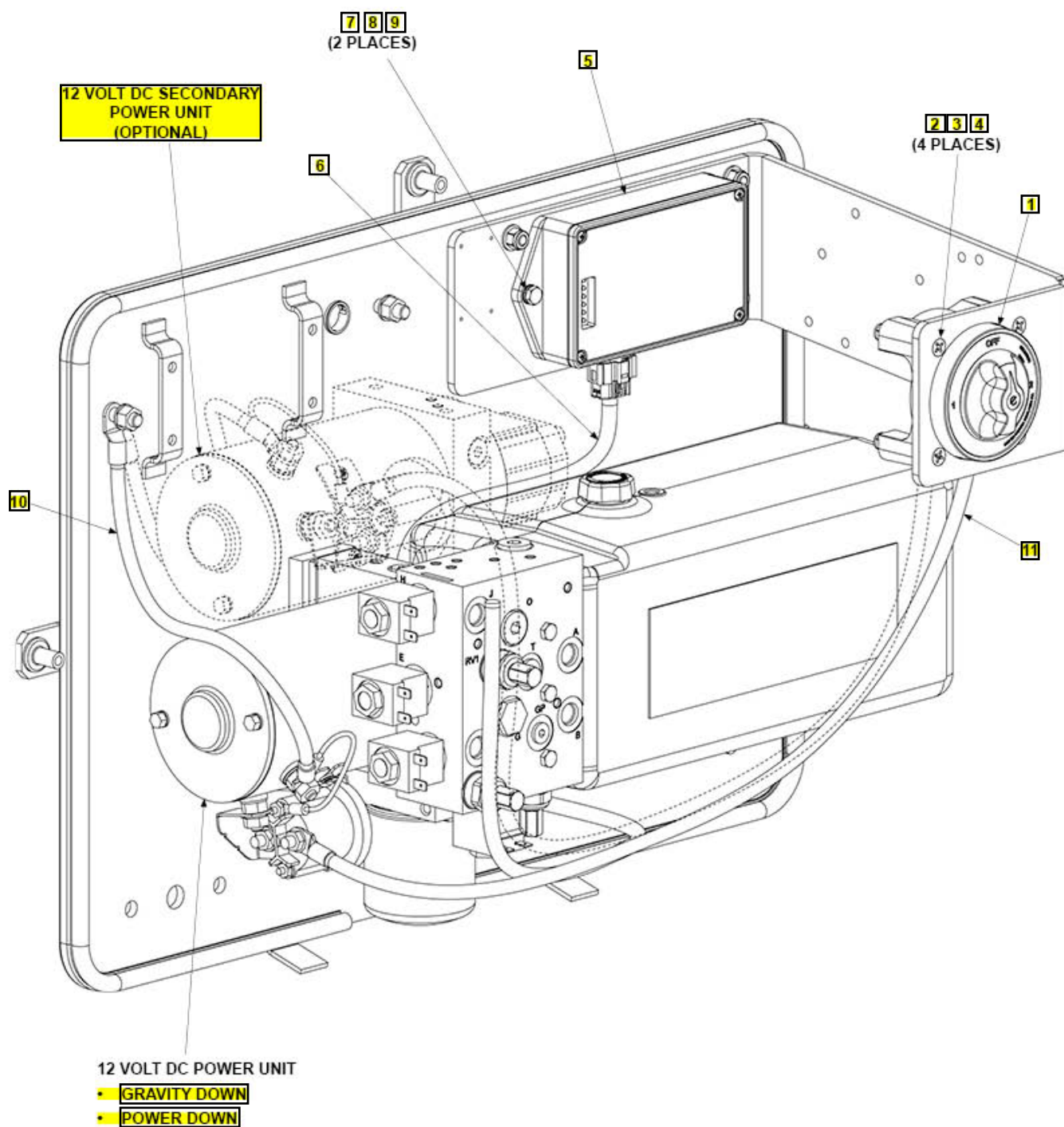
LAST UPDATED
MAR 2022 to present



Pos	SKU	Description	Qty	Remark
1	268226-16	CABLE ASSY, 2GA, .31/.38 RING, 14IN	1	
2	287676-01	CABLE ASSY 2GA, R.31/.38, 28.0 LG	1	
3	212441-01	BMR PUMP SWITCH SEAL .19 THICK	1	

ELECTRICAL COMPONENTS - PUMP ASSEMBLY (BUCHER HYDRAULICS)

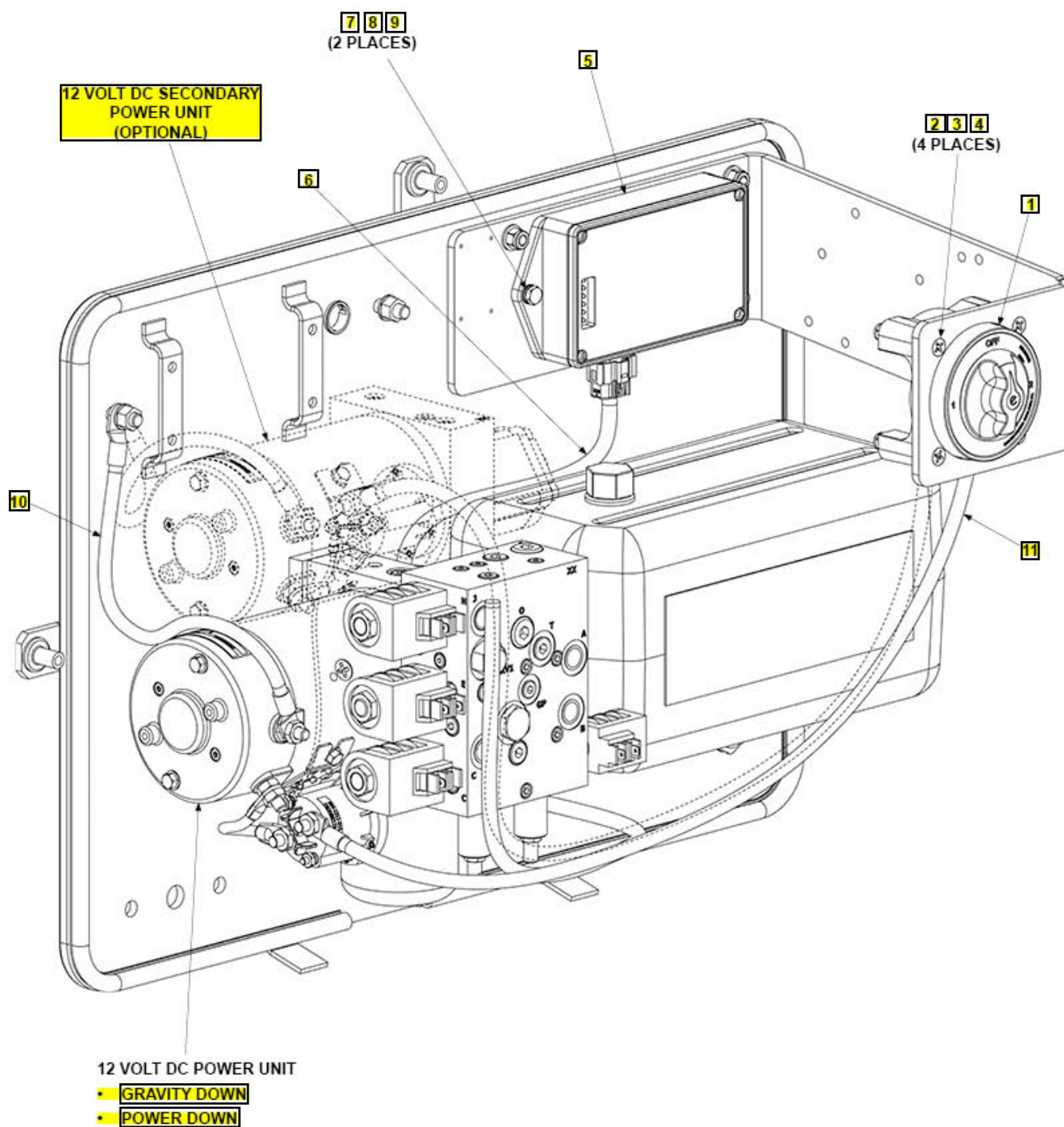
LAST UPDATED
MAR 2017 to FEB 2022



Pos	SKU	Description	Qty	Remark
1	906608-01	CHARGING SYS SWITCH 1&2 POSN	1	
2	900715-15	SCREW,FL PH.25-20X2.25 ZP	4	
3	901000	NUT, NYLON 1/4-20 ZINC	4	
4	903443-06	WASHER, SAE FLAT .25, ZC	4	
5	209000-12	KIT, BMR 12V CONTROLLER REPLACEMENT W/ CABLE ADAPTER	1	
6	296147-01	BMR PUMP VALVE HARNESS	1	
7	900004-4	SCREW, CAP 1/4-20X5/8 GR8 ZC	2	
8	902011-2	WASHER, LOCK .25 X .062 THK	2	
9	902000-2	WASHER, FLAT 1/4X1/32	2	
10	268226-12	CABLE ASSY, 2GA, .31/.38RING, 12IN	1	
11	287676-01	CABLE ASSY 2GA, R.31/.38, 28.0 LG	1	

ELECTRICAL COMPONENTS - PUMP ASSEMBLY (MTE HYDRAULICS)

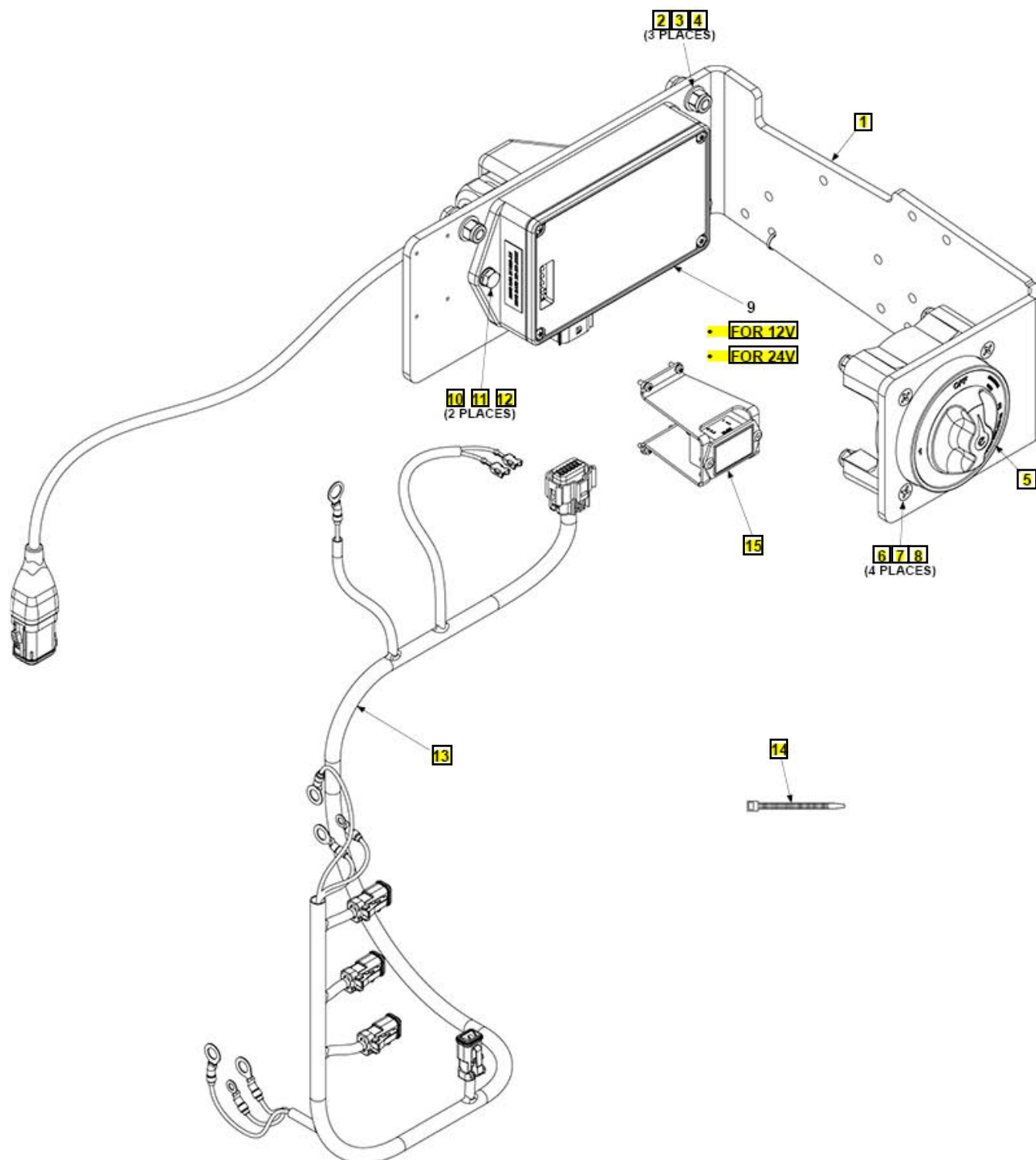
LAST UPDATED
OCT 2016 to FEB 2017



Pos	SKU	Description	Qty	Remark
1	906608-01	CHARGING SYS SWITCH 1&2 POSN	1	
2	900715-15	SCREW,FL PH.25-20X2.25 ZP	4	
3	901000	NUT, NYLON 1/4-20 ZINC	4	
4	903443-06	WASHER, SAE FLAT .25, ZC	4	
5	209000-12	KIT, BMR 12V CONTROLLER REPLACEMENT W/ CABLE ADAPTER	1	
6	296147-01	BMR PUMP VALVE HARNESS	1	
7	900004-4	SCREW, CAP 1/4-20X5/8 GR8 ZC	2	
8	902011-2	WASHER, LOCK .25 X .062 THK	2	
9	902000-2	WASHER, FLAT 1/4X1/32	2	
10	268226-12	CABLE ASSY, 2GA, .31/.38RING, 12IN	1	
11	287676-01	CABLE ASSY 2GA, R.31/.38, 28.0 LG	1	

PUMP BOX ELECTRICAL ASSEMBLY

COMPLETE PUMP ASSEMBLY:

12V PUMP BOX ELECTRICAL ASSEMBLY**24V PUMP BOX ELECTRICAL ASSEMBLY**LAST UPDATED
MAR 2022 to present

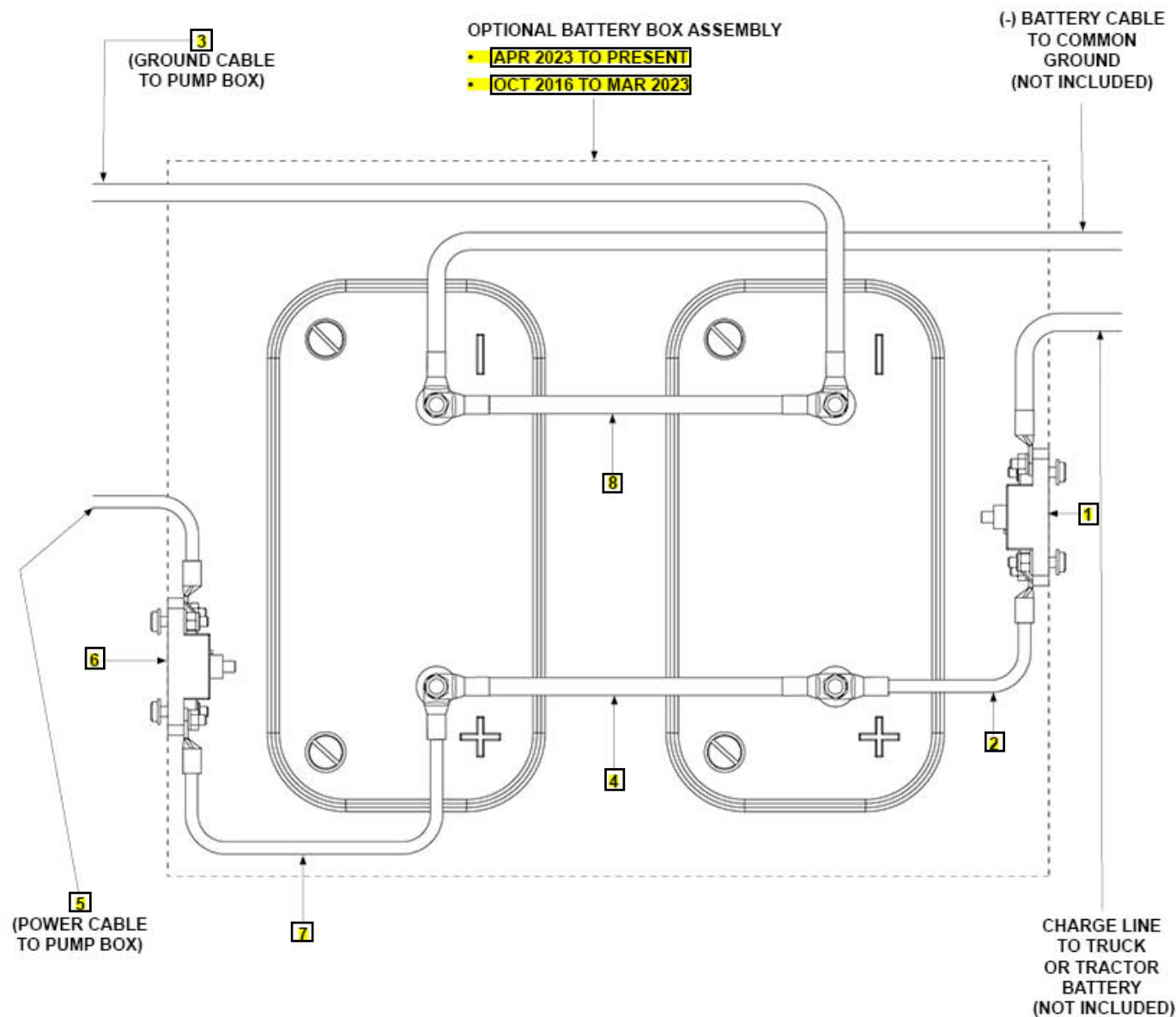
Pos	SKU	Description	Qty	Remark
REF1	211315-01	PUMP BOX ELECTRICAL ASSEMBLY, BMR	1	
REF2	211315-24	PUMP BOX ELECTRICAL ASSEMBLY 24V, BMR	1	
1	296183-01	CONTROL PANEL & SW MNT PLATE	1	
2	901602-06	BOLT,HEX .313-18X1.00,18-8 SS	3	
3	903106-10	NUT, NYL INSRT STOP.313 -18 SS	3	
4	902013-10	WASHER, FLAT 5/16" SAE, ZC	6	
5	906608-01	CHARGING SYS SWITCH 1&2 POSN	1	
6	900715-15	SCREW,FL PH.25-20X2.25 ZP	4	
7	901000	NUT, NYLON 1/4-20 ZINC	4	
8	902013-09	WASHER1/4"ZINC- SAME030564	4	
9-1	211320-12	PUMP CONTROLLER ASSEMBLY 12V, BMR	1	
9-2	211320-24	PUMP CONTROLLER ASSEMBLY 24V, BMR	1	
10	900004-4	SCREW, CAP 1/4-20X5/8 GR8 ZC	2	
11	902011-2	WASHER, LOCK .25 X .062 THK	2	
12	902000-2	WASHER, FLAT 1/4X1/32	2	
13	211322-01	BMR PUMP VALVE HARNESS, FUSABLE	1	
14	208153	TIE, PLASTIC 4" (18 LB)	8	
15	299077-01	BMR CYCLE COUNTER ASSY	1	

OPTIONAL BATTERY BOX ELECTRICAL COMPONENTS

12 VOLT BATTERY CONNECTIONS

LAST UPDATED
OCT 2016 to present

NOTE: Ensure electrical connections are clean, tight, and protected from corrosion



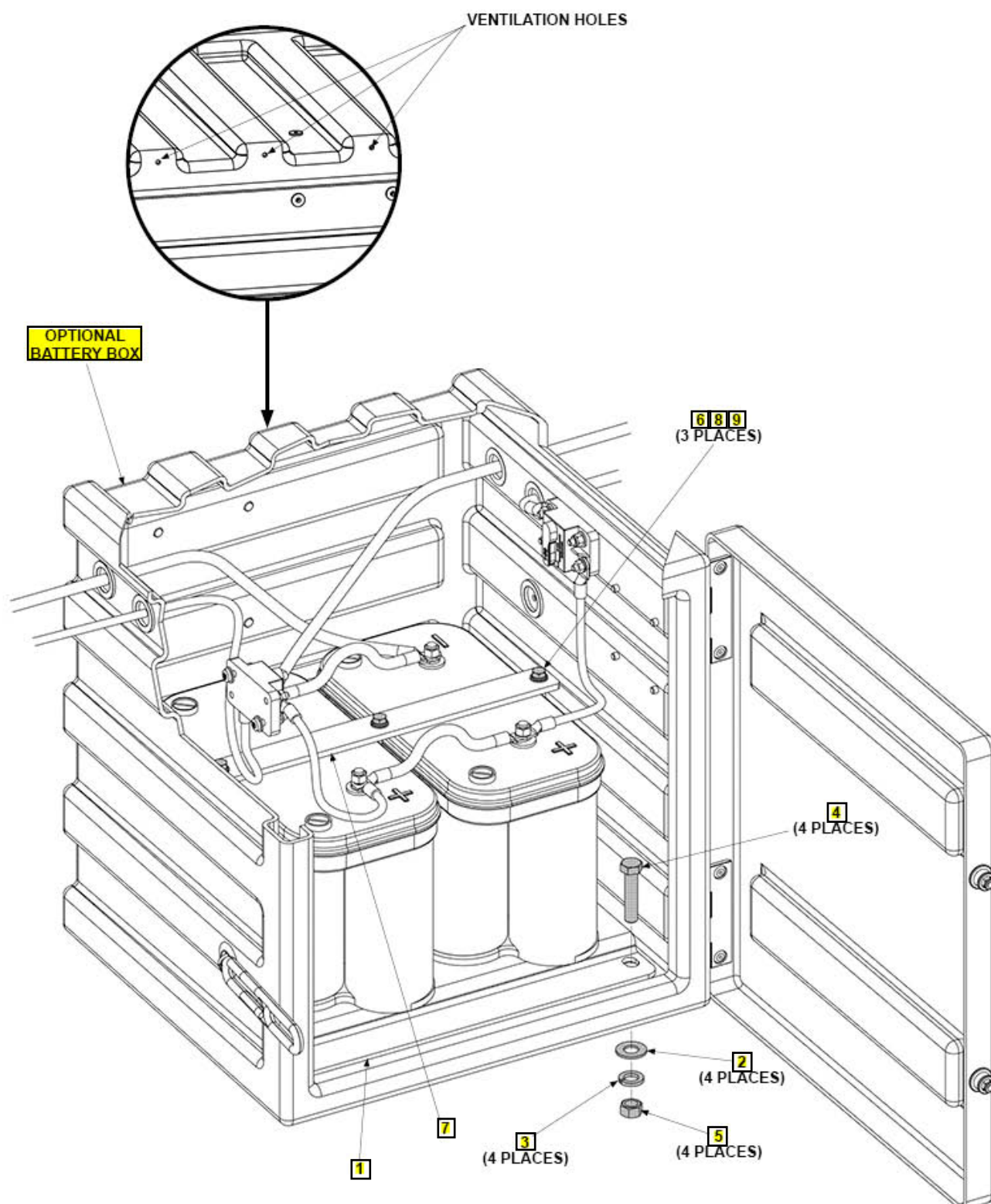
Pos	SKU	Description	Qty	Remark
1	907207-01	CIRCUIT BREAKER, 150 AMP	1	
2	269308-12	CABLE ASSY, 2GA RED, 12IN	1	
3	268226-06	CABLE ASSY,2GA,.31/.38RING,74IN	1	
4	269308-10	CABLE ASSY, 2 GA RED, 8IN	1	
5	285506-07	CABLE ASSY,2GA,R.31/.38RNG,59"	1	
6	907230-01	CIRCUIT BREAKER, 200 AMP, PB TRIP/RESET	1	
7	285506-01	CABLE ASSY 2GA,R,.31/.38RING10	1	
8	251871-14	CABLE 2 GA ASSY 8IN	1	

OPTIONAL BATTERY BOX ASSEMBLY

⚠ WARNING

Explosive hydrogen gas from charging batteries can accumulate in battery box if not vented from the box. To prevent hydrogen gas from accumulating, ensure the 3 ventilation holes in battery box are not plugged or covered.

LAST UPDATED
APR 2023 to present



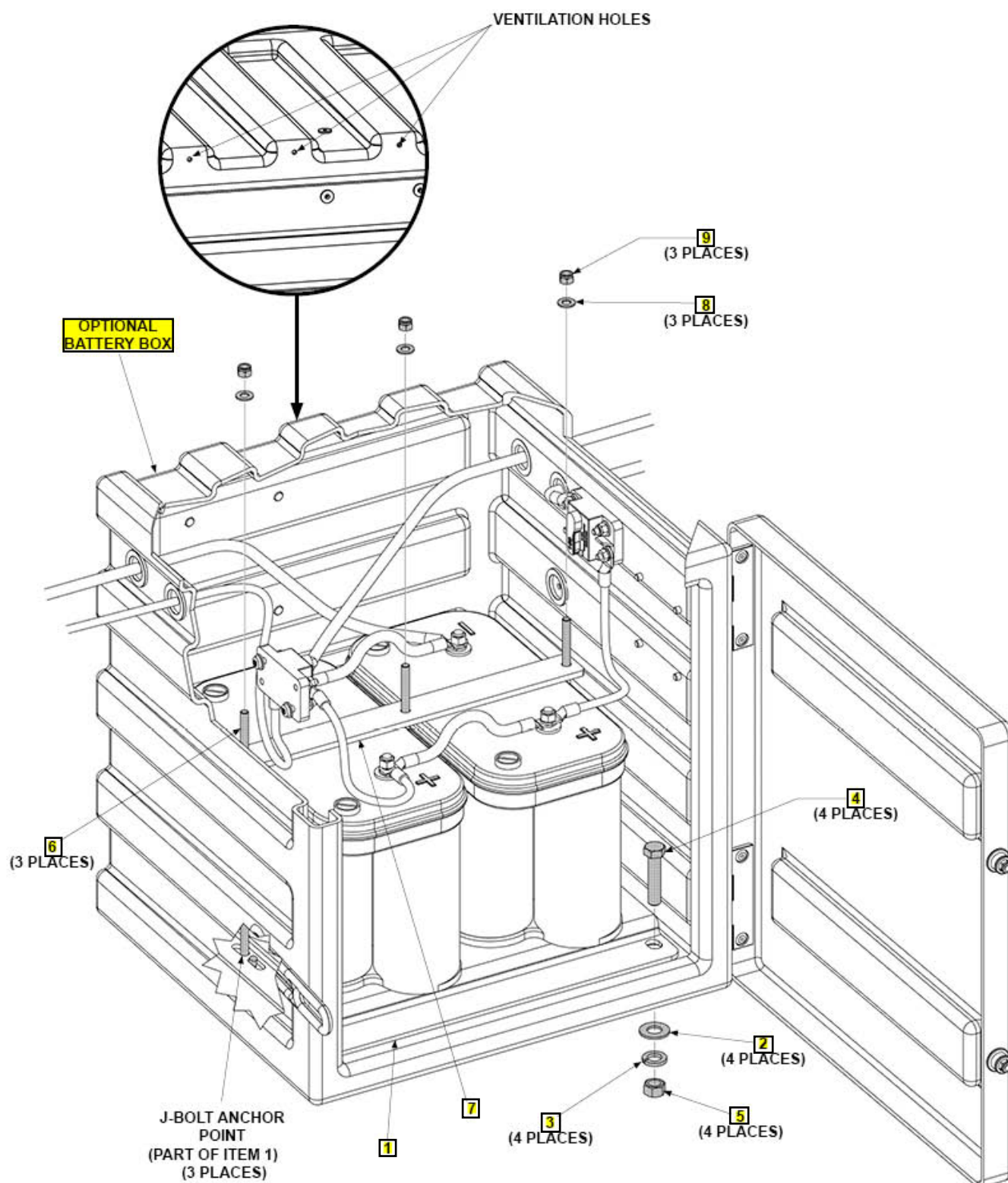
Pos	SKU	Description	Qty	Remark
1	212460-01G	BATTERY MNT WLDMT PLATE, GALV, 2 BATTERIES	1	
2	902013-14	WASHER, FLAT 9/16" SAE ZC	4	
3	902011-7	WASHER, LOCK .563, .141THK	4	
4	900033-6	SCREW, CAP.5-20X2.25 GR8 ZC	4	
5	901011-10	NUT, HEX HEAD .500-20 UNF-2B	4	
6	900034-1	SCREW, CAP HEX .31-18X9-1/2 G5 ZC	3	
7	289874-01	BATTERY STRAP, 2 BATTERY	1	
8	902013-10	WASHER, FLAT 5/16" SAE, ZC	3	
9	902011-3	WASHER, LOCK 5/16X5/64 G8 ZC	3	

OPTIONAL BATTERY BOX ASSEMBLY

⚠ WARNING

Explosive hydrogen gas from charging batteries can accumulate in battery box if not vented from the box. To prevent hydrogen gas from accumulating, ensure the 3 ventilation holes in battery box are not plugged or covered.

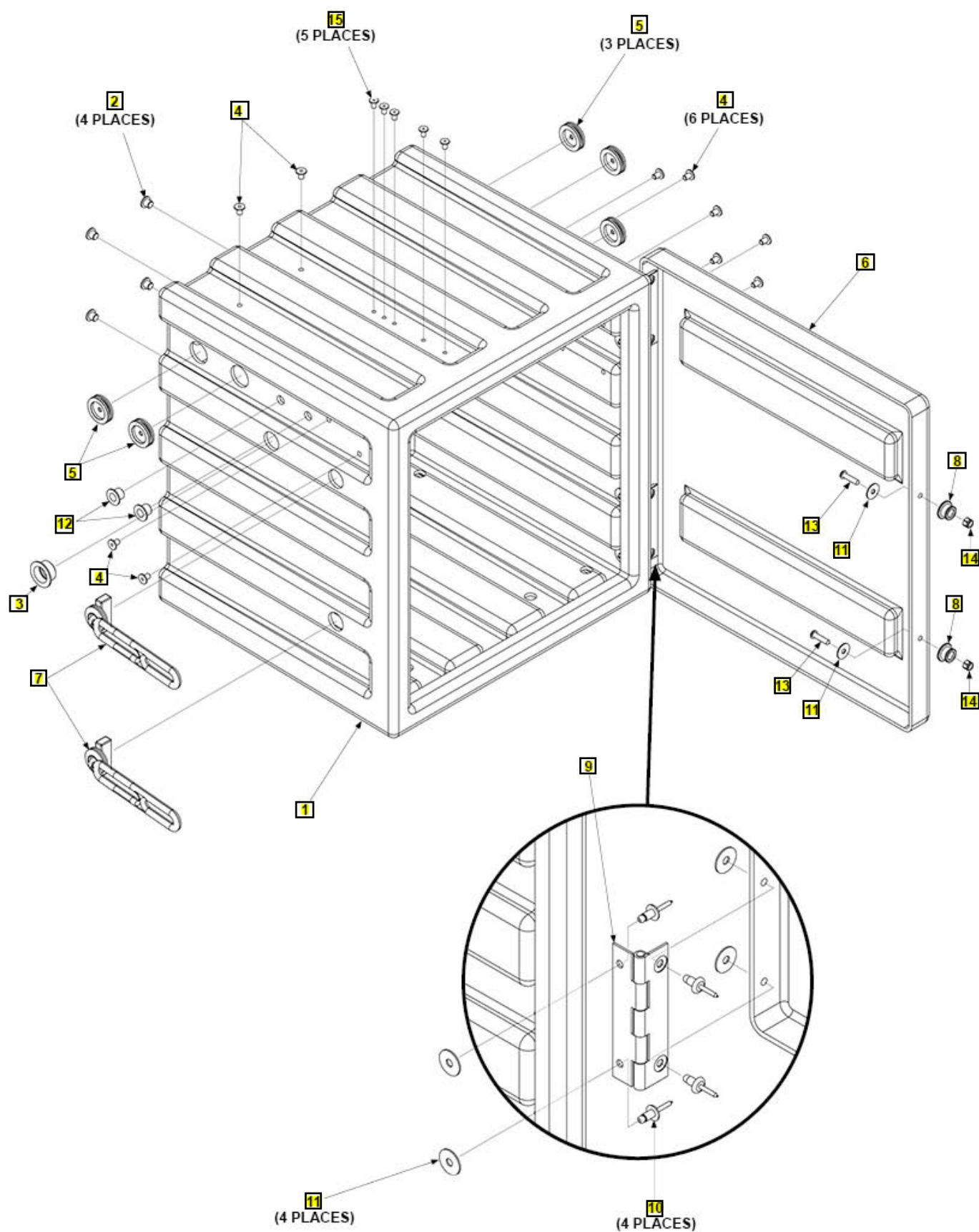
LAST UPDATED
OCT 2016 to MAR 2023



Pos	SKU	Description	Qty	Remark
1	289871-01	MOUNTING PLATE, 2 BATTERY	1	
2	902013-14	WASHER, FLAT 9/16" SAE ZC	4	
3	902011-7	WASHER, LOCK .563, .141THK	4	
4	900033-6	SCREW, CAP.5-20X2.25 GR8 ZC	4	
5	901011-10	NUT, HEX HEAD .500-20 UNF-2B	4	
6	289872-01	BATTERY TIE DOWN, J-BOLT 5/16	3	
7	289874-01	BATTERY STRAP, 2 BATTERY	1	
8	902013-10	WASHER, FLAT 5/16" SAE, ZC	3	
9	903106-10	NUT, NYL INSRT STOP.313 -18 SS	3	

OPTIONAL BATTERY BOX

COMPLETE PUMP ASSEMBLY:

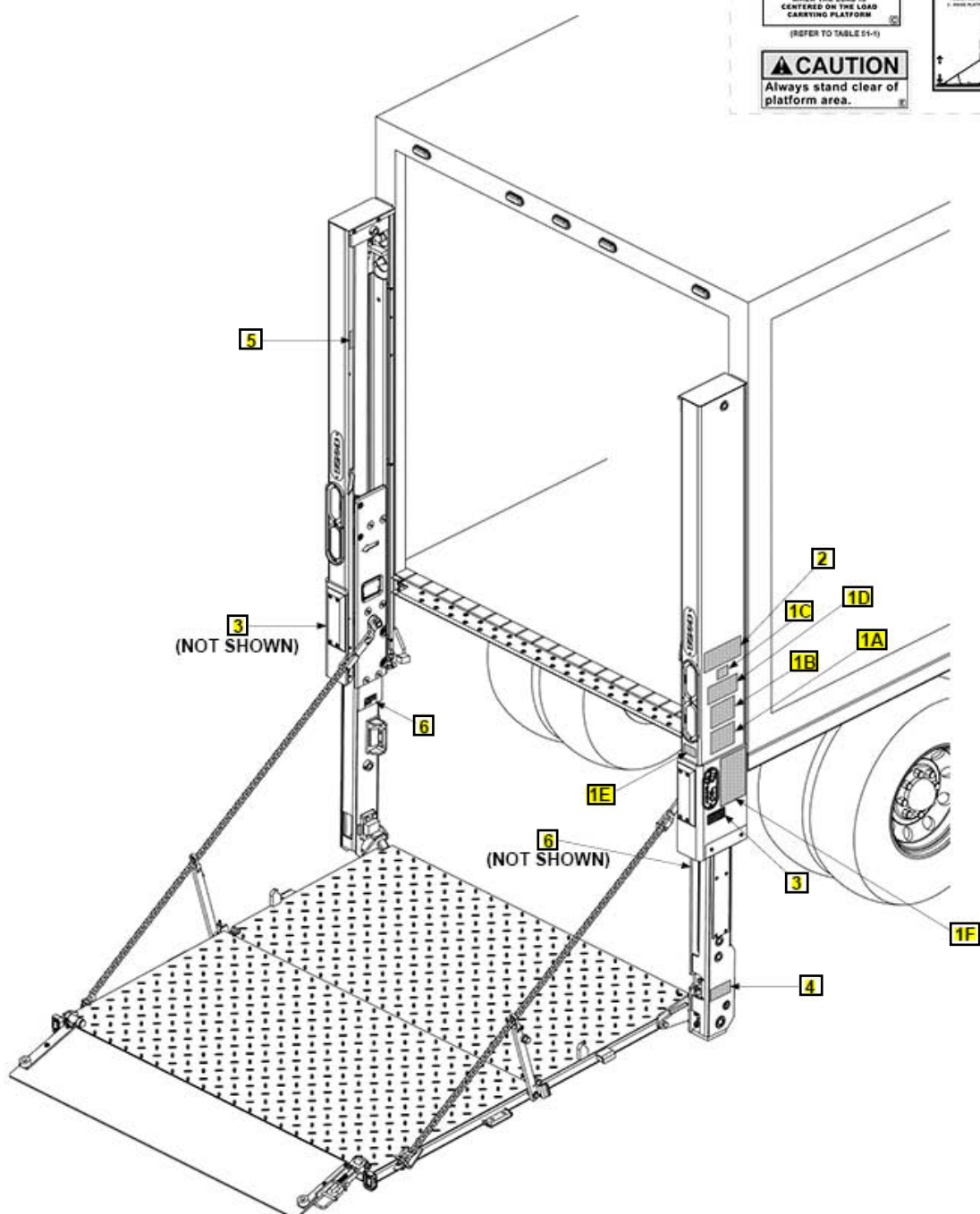
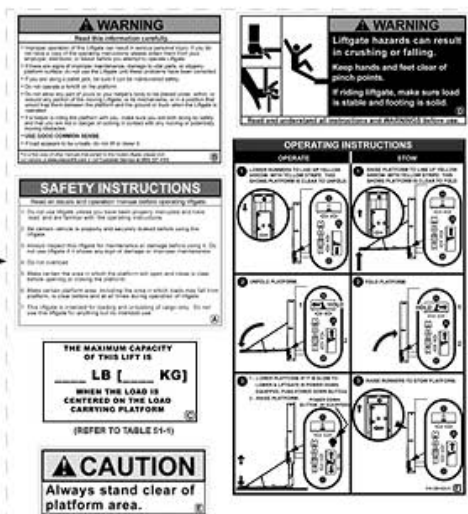
OPTIONAL BATTERY BOXLAST UPDATED
SEPT 2016 to present

Pos	SKU	Description	Qty	Remark
REF	269561-01	BATTERY BOX	1	
1	289854-01	BOX, MODIFIED WITH HOLES	1	
2	908022-03	PLUG, FLEXIBLE .393X.471	4	
3	908022-08	PLUG,FLEXIBLE 1.063X.63	1	
4	908022-07	PLUG, FLEXIBLE .275X.511	10	
5	266428-02	GROMMET, 1.0 DIAPH .25 HOLE	5	
6	269558-01	BOX,COVER MODIFY WITH HOLES	1	
7	908193-01	RUBBER LATCH	2	
8	908194-01	FASTENING KNOB	2	
9	285970-01	PLASTIC HINGE ASSY	2	
10	903715-03	RIVET,BL/DM,AL/AL .25X.25-.37	8	
11	903438-01	WASHER, FENDER .250 X .875 X .047 THK ZC	10	
12	908022-05	PLUG, FLEXIBLE .580X.571	2	
13	900719-07	SCREW,BUTTON.25-20 X1 SS	2	
14	903137-01	NUT, NYL INSRT STOP .25-20 SS	2	
15	908022-01	PLUG, FLEXIBLE .236X.471	5	

DECALS

LAST UPDATED
OCT 2016 to present

NOTE: Preferred decal layout is shown. Decals on the Liftgate are attached at the factory. If vehicle does not permit this layout, decals in the manual and decal kit must be applied so that they are easily visible when approaching vehicle to operate Liftgate. Use good common sense when locating these decals on vehicle.



Pos	SKU	Description	Qty	Remark
1	289163-01	DECAL, SHEET, BMR35	1	
1	289163-02	DECAL, SHEET, BMR44	1	
1	289163-03	DECAL, SHEET, BMR55	1	
1	289163-04	DECAL, SHEET, BMR66	1	
1A	289163-01	DECAL, SHEET, BMR35	1	
1A	289163-02	DECAL, SHEET, BMR44	1	
1A	289163-03	DECAL, SHEET, BMR55	1	
1A	289163-04	DECAL, SHEET, BMR66	1	
1B	289163-01	DECAL, SHEET, BMR35	1	
1B	289163-02	DECAL, SHEET, BMR44	1	
1B	289163-03	DECAL, SHEET, BMR55	1	
1B	289163-04	DECAL, SHEET, BMR66	1	
1C	289163-01	DECAL, SHEET, BMR35	1	
1C	289163-02	DECAL, SHEET, BMR44	1	
1C	289163-03	DECAL, SHEET, BMR55	1	
1C	289163-04	DECAL, SHEET, BMR66	1	
1D	289163-01	DECAL, SHEET, BMR35	1	
1D	289163-02	DECAL, SHEET, BMR44	1	
1D	289163-03	DECAL, SHEET, BMR55	1	
1D	289163-04	DECAL, SHEET, BMR66	1	
1E	289163-01	DECAL, SHEET, BMR35	1	
1E	289163-02	DECAL, SHEET, BMR44	1	
1E	289163-03	DECAL, SHEET, BMR55	1	
1E	289163-04	DECAL, SHEET, BMR66	1	
1F	289163-01	DECAL, SHEET, BMR35	1	
1F	289163-02	DECAL, SHEET, BMR44	1	
1F	289163-03	DECAL, SHEET, BMR55	1	
1F	289163-04	DECAL, SHEET, BMR66	1	
2	282847-01	DECAL, WARNING, STOW, COLUMN/RAIL		
3	283445-01	DECAL, FAMILY OWNED	2	
4	288966-01	DECAL, WARNING, BMR RUNNERS	1	
5	090175-15	TAPE, YEL REFL. 3"X4.1LG	1	

Pos	SKU	Description	Qty	Remark
6	260552	DECAL DO NOT GREASE COLUMNS	2	