



**(en) Parts & Schematic Manual**  
**MH BALLOON LIGHT OPTION**  
(For Maxi-Lite and Night-Lite Pro II Units)



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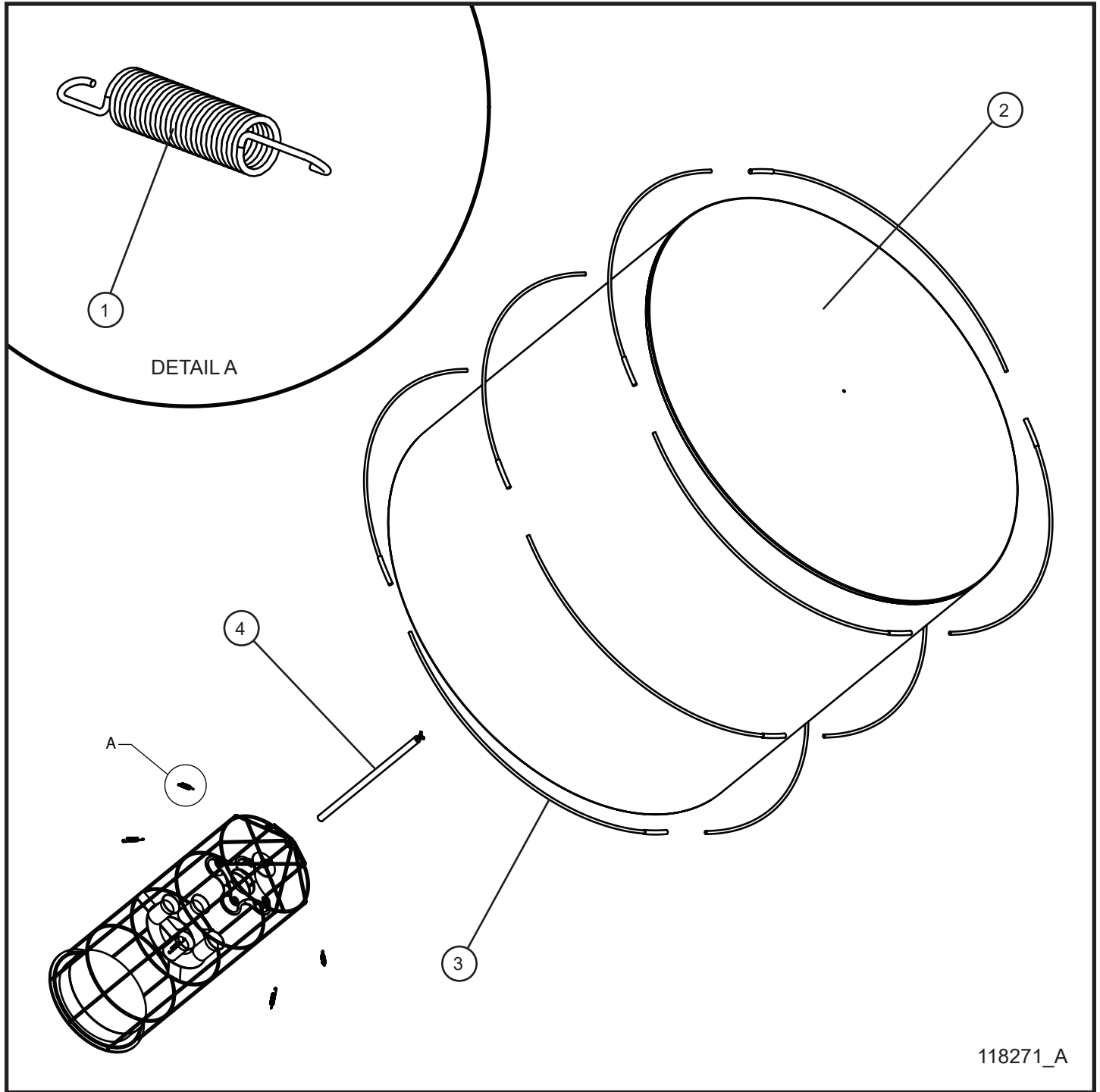
# MH Balloon Light Option

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## 1.1 - Balloon Light Assembly Group



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# MH Balloon Light Option

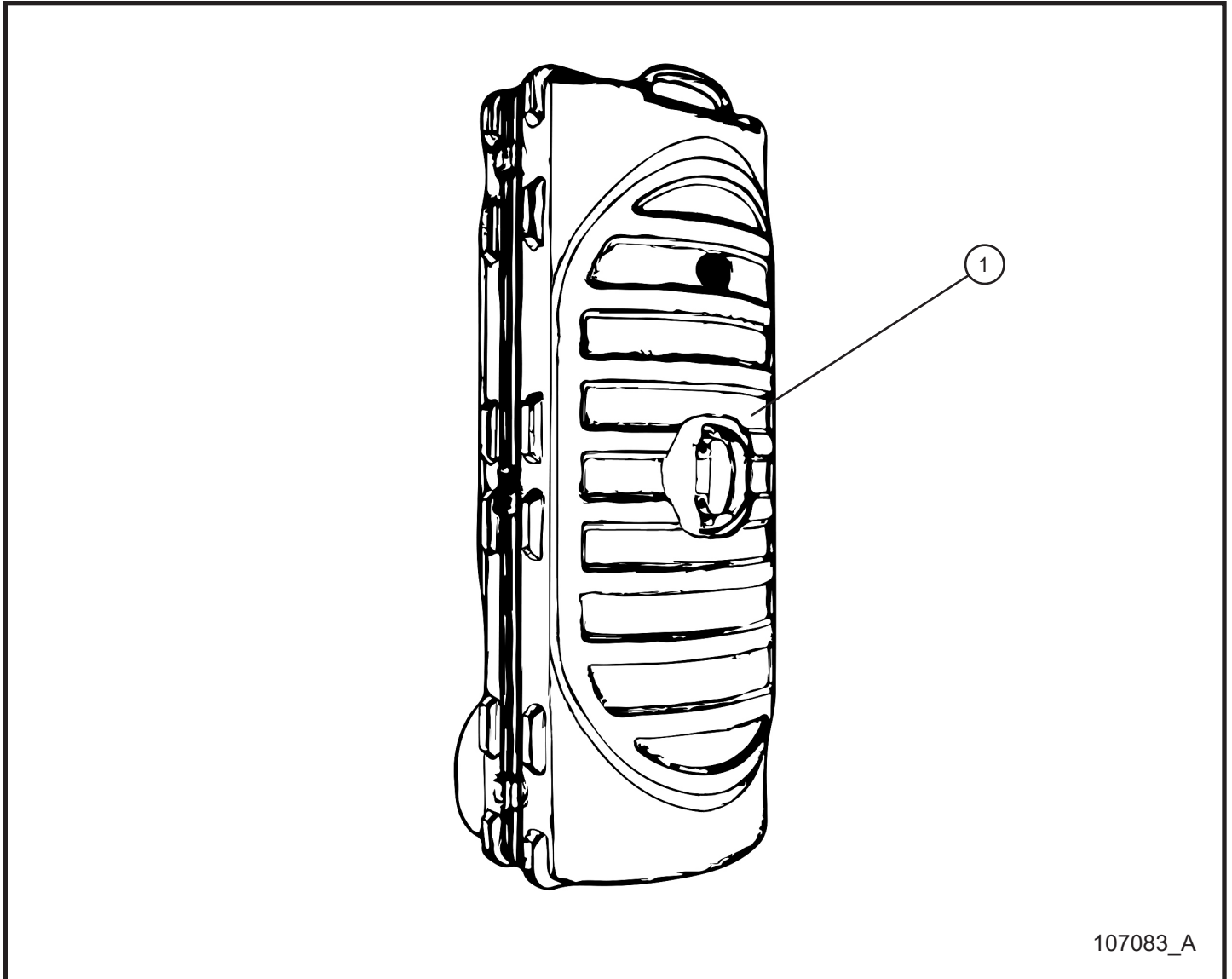
SN 07-002729 and UP  
SN 08-004441 and UP  
SN 11-002445 and UP

## 1.1 - Balloon Light Assembly Group

Item	Part No.	Part Description	Qty.
--	118271	LIGHT FIXTURE 3 ROD COVER AIRSTAR LIGHT	1
1	107276	BULB HOLDER SPRING HOLDER SET (16 PIECE SET)	1
2	107332	BALLOON 3 SLEEVE COVER	1
3	107242	BALLOON ROD SET (8 PIECE SET)	1
4	107278	BALLOON EXTENSION ROD	1

\*NS - NOT SHOWN

## 1.2 - Balloon Light Carry Case



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# MH Balloon Light Option

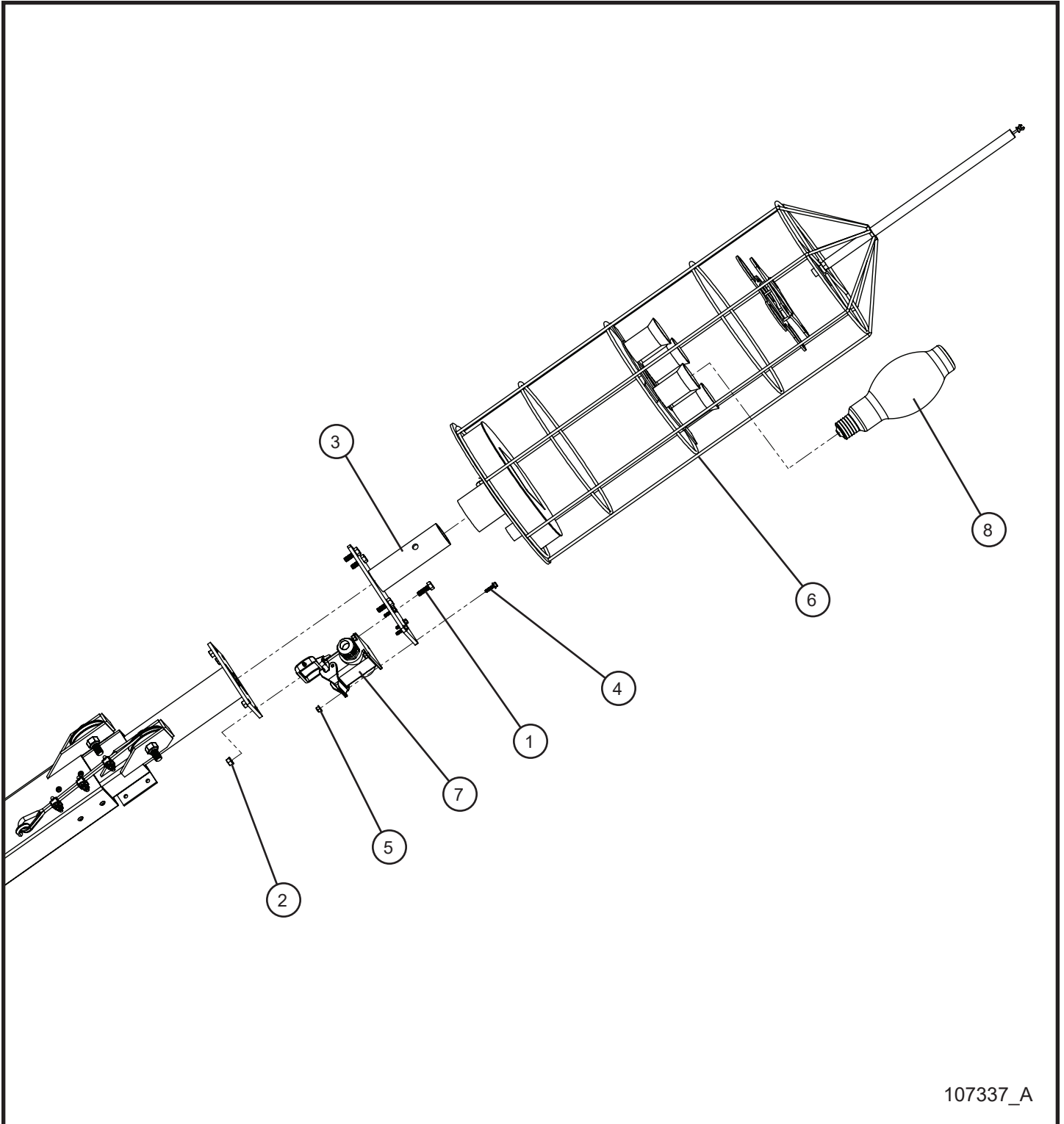
SN 07-002729 and UP  
SN 08-004441 and UP  
SN 11-002445 and UP

## 1.2 - Balloon Light Carry Case

Item	Part No.	Part Description	Qty.
1	107083	AIRSTAR LIGHT HARD COVER CARRY CASE	1

\*NS - NOT SHOWN

## 2.1 - Laydown Balloon Light Install Group



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# MH Balloon Light Option

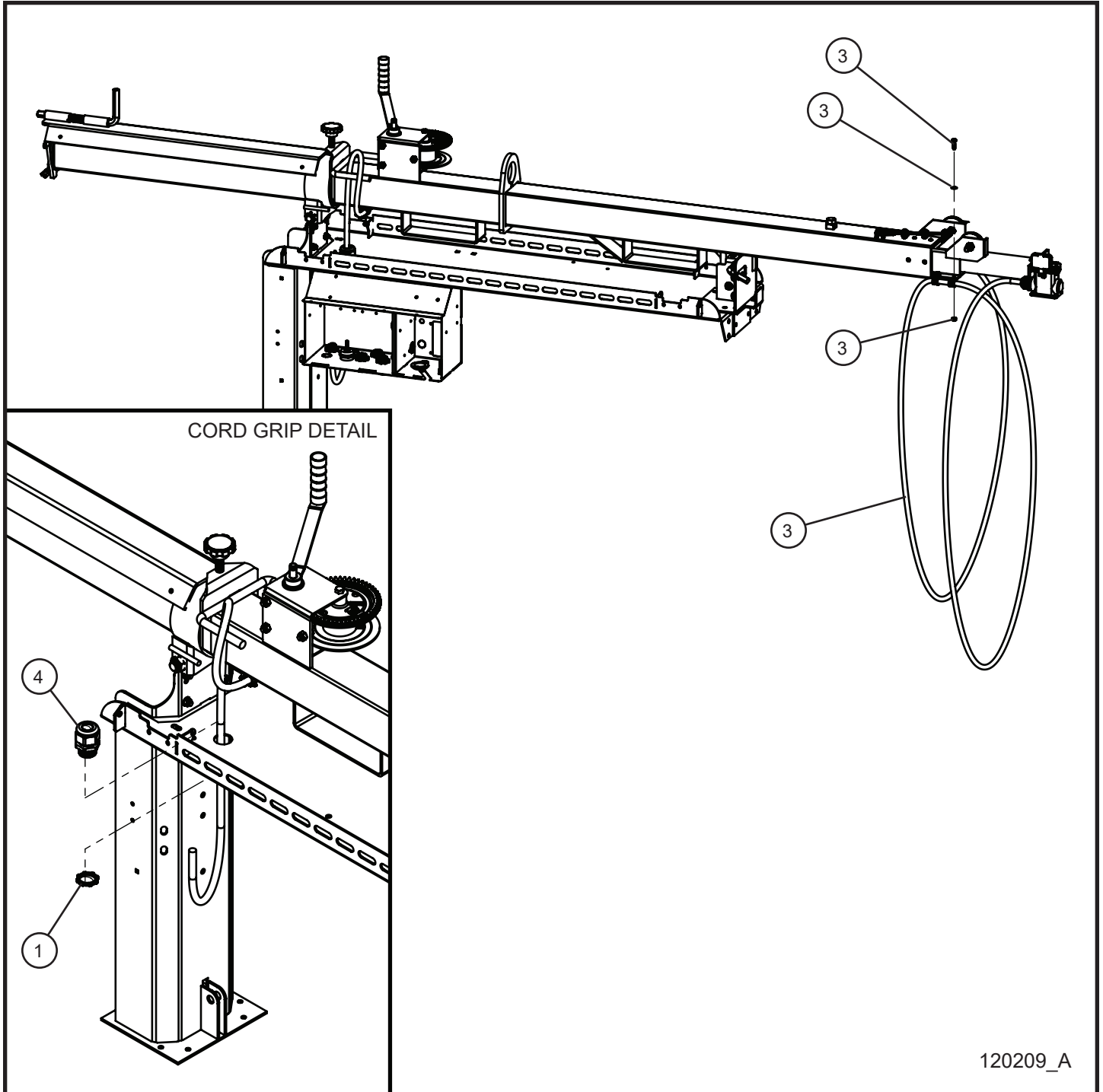
SN 07-002729 and UP

## 2.1 - Laydown Balloon Light Install Group

Item	Part No.	Part Description	Qty.
1	046050	5/16-18 x 1 HEX HEAD BOLT	4
2	044031	5/16-18 KEPS HEX NUT	4
3	120052P	BALLOON LIGHT MOUNT WELDMENT	1
4	056005	#10-24 x 3/4 SERRATED FLANGE HEX SCREW	4
5	057010	#10-24 HEX NYLOCK FLANGE NUT	4
6	118271	LIGHT FIXTURE 3 ROD COVER AIRSTAR LIGHT	1
7	118413	MALE 6-PIN CONNECTOR WITH CORD	1
	118414	FEMALE 6-PIN CONNECTOR	1
8	610221	LAMP 1250W BT37 (MH)	4
NS	108357	1250W LAYDOWN BALLOON LIGHT RETRO FIT KIT	1

\*NS - NOT SHOWN

## 2.2 - Laydown Balloon Light Tower Cord Install Group



# MH Balloon Light Option

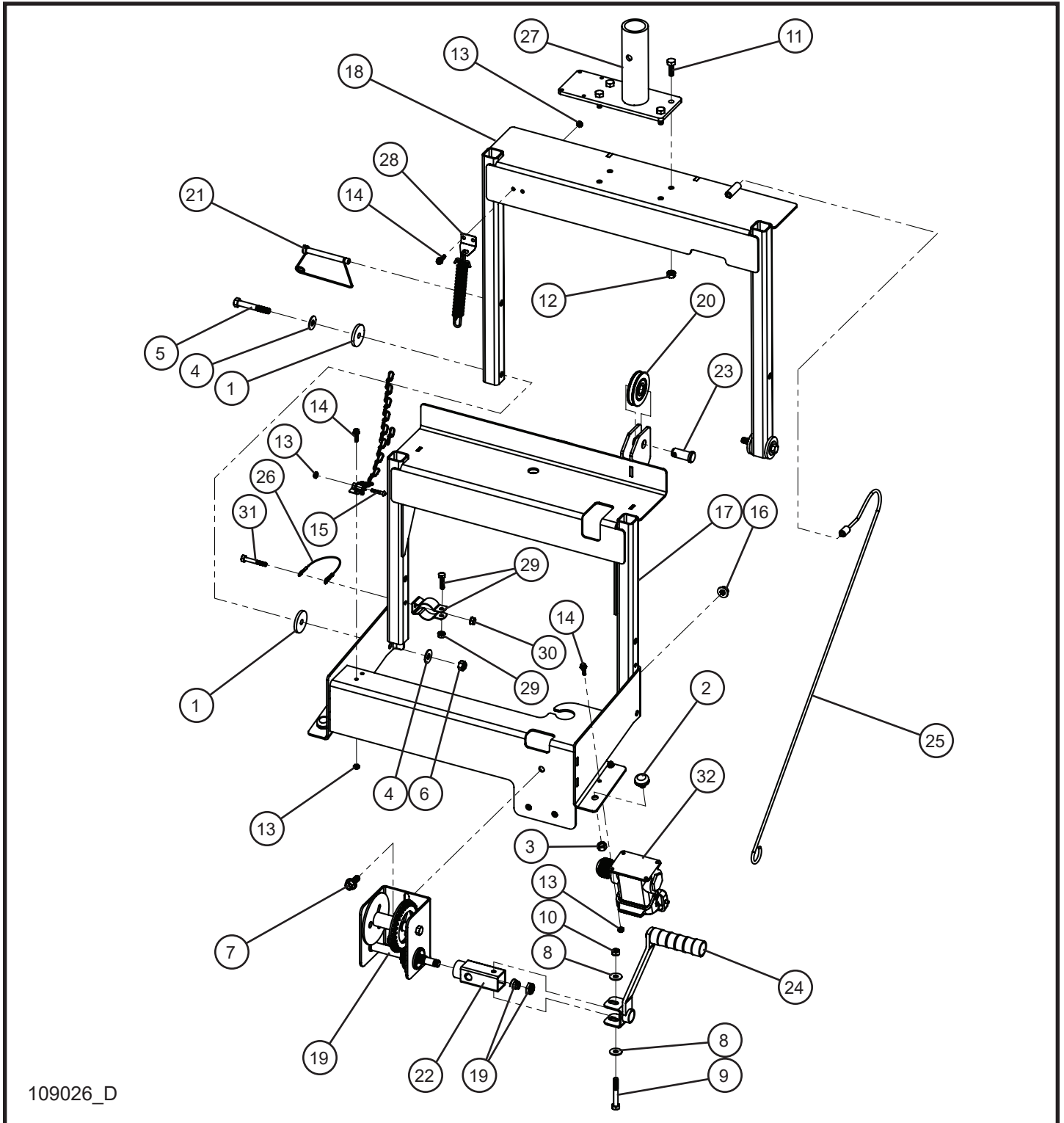
SN 07-002729 and UP

## 2.2 - Laydown Balloon Light Tower Cord Install Group

Item	Part No.	Part Description	Qty.
1	022038	1" CORD GRIP NUT	1
2	105627	CORD GRIP 1" NYLON BLACK	1
3	120080	STRAIGHT CORD 16/8 4-LIGHT	1
4	310212	#10 CUSH CLAMP 1/4 HOLE	2
5	047009	1/4 FLAT WASHER SAE SS	2
6	046015	1/4-20 x 1 HEX HEAD CS GR5 PL	2
7	044023	1/4-20 NYLOCK HEX NUT PL	2
NS	106875	4 LIGHT 16/8 CORD SCHEMATIC	1

\*NS - NOT SHOWN

## 3.1 - Vertical Balloon Light Install Group (1 of 2)



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# MH Balloon Light Option

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SN 11-002445 and UP

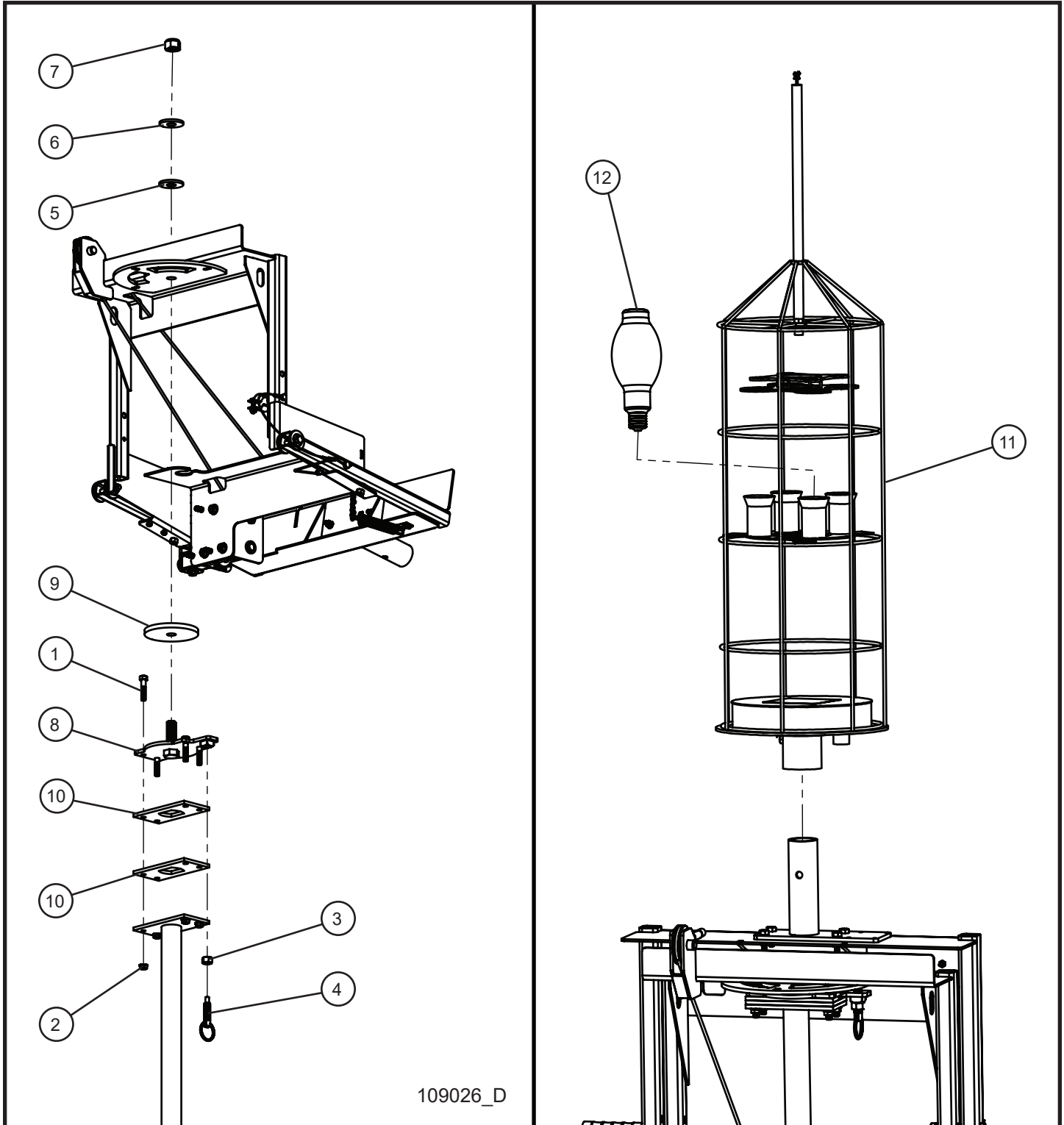
## 3.1 - Vertical Balloon Light Install Group (1 of 2)

Item	Part No.	Part Description	Qty.
1	105518	THRUST BUSHING	4
2	330041	RUBBER BUMPER	2
3	044035	NUT HEX 3/8-16 ZINC	2
4	047015	3/8 FLAT WASHER PL	4
5	046134	3/8-16 x 2 1/2 HEX HEAD CS GR8 PL	2
6	044038	3/8-16 NYLOCK HEX NUT PL	2
7	056010	3/8-16 x 16 SERRATED FLANGE HEX SCREW	3
8	047010	5/16 FLAT WASHER PL	2
9	046070	5/16-18 x 2 1/4 HEX HEAD CS GR5 PL	1
10	044033	5/16-18 NYLOCK HEX NUT PL	1
11	046050	5/16-18 x 1 HEX HEAD CS GR5 PL	4
12	044031	5/16-18 KEPS HEX NUT PL	4
20	044018	#10-24 NYLOCK HEX NUT PL	7
21	056005	#10-24 x 3/4 SERRATED FLANGE HEX SCREW	4
22	041030	#10-24 x 1 PH-ROUND HEAD MS PL	1
23	057007	3/8-16 HEX NYLOCK FLANGE NUT	3
24	107075P	TOWER MOUNT WELDMENT	1
25	107081P	SWING ARM AIRSTAR VERTICAL	1
26	530337	WINCH DLB 350	1
27	100160	2 1/2 PULLEY BALL BEARING	1
28	712017	LOCK PIN SNAP	1
29	660144	DRIVE HUB	1
30	033000	5/8 x 1 SLIC PIN	1
31	107167	HANDLE WINCH	1
32	108437	WINCH CABLE AIRSTAR VERTICAL	1
33	712061	STEEL LANYARD	1
34	120052P	BALLOON LIGHT MOUNT WELDMENT	1
38	108708	CHAIN STOP	1
40	100474	1" CONDUIT CLAMP	1
41	044021	1/4-20 KEPS HEX NUT PL	1
42	046030	1/4-20 x 1 3/4 HEX HEAD CS GR5 PL	1
32	118413	MALE 6-PIN CONNECTOR WITH CORD	1
	118414	FEMALE 6-PIN CONNECTOR	1
NS	108358	1250W VERTICAL BALLOON LIGHT RETRO FIT KIT	1

\*NS - NOT SHOWN

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## 3.1 - Vertical Balloon Light Install Group (2 of 2)



# MH Balloon Light Option

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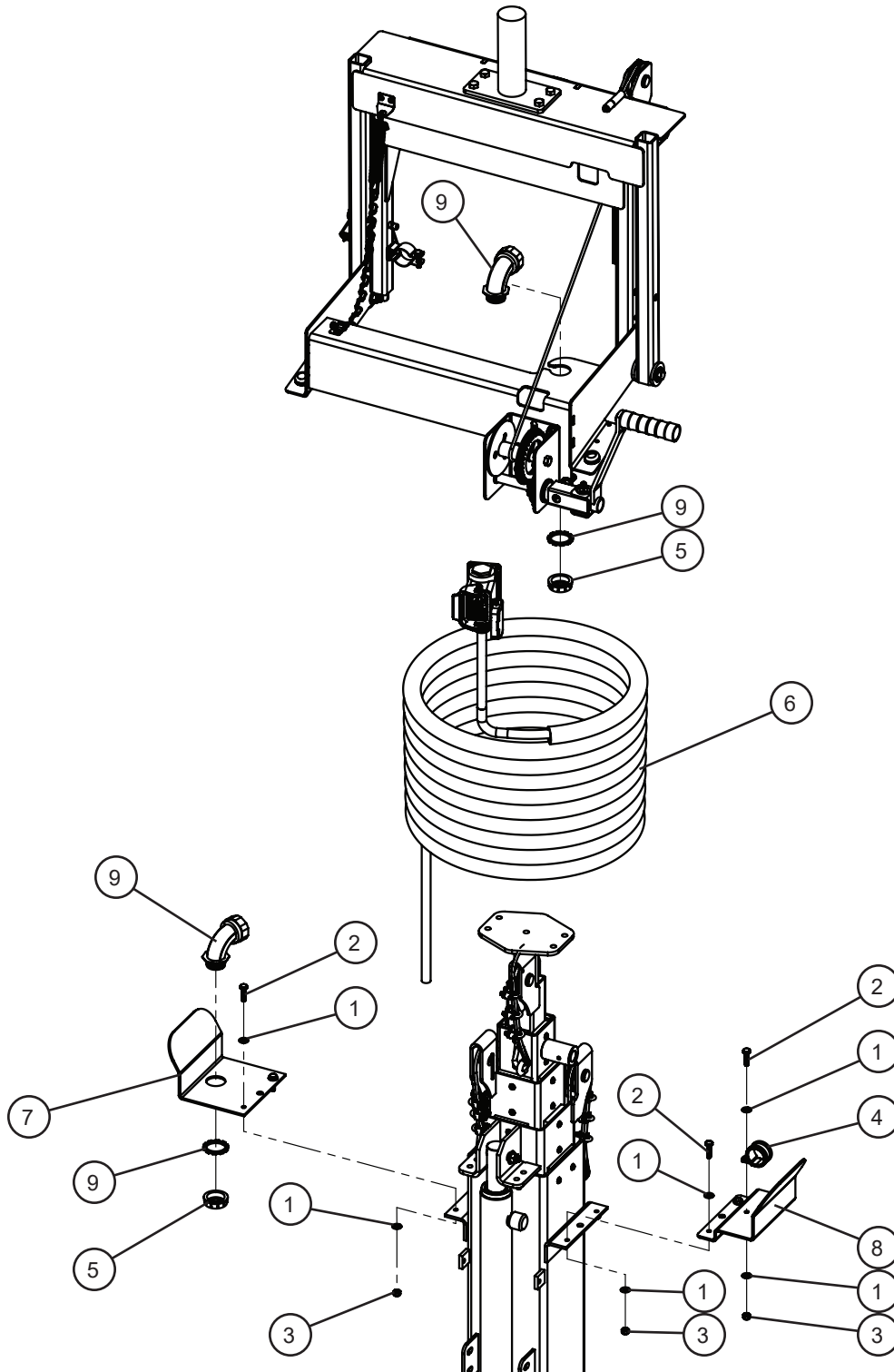
## 3.1 - Vertical Balloon Light Install Group (2 of 2)

Item	Part No.	Part Description	Qty.
1	046126	3/8-16 x 1 3/4 HEX HEAD CS GR5 PL	4
2	044036	3/8-16 KEPS HEX NUT PL	4
3	044045	1/2-13 HEX NUT PL	1
4	100148	SPRING LOCK 1/2-13 UNC x 1.4	1
5	650550	.785" x 2" HDPE WASHER	1
6	047035	3/4 FLAT WASHER PL	1
7	044058	3/4-10 NYLOCK HEX NUT PL	1
8	108236P	ROTATION MOUNT	1
9	100147	UHMW BEARING TOWER ROTATION	1
10	100104P	BRACKET LIGHT BAR SEC7	2
11	118271	LIGHT FIXTURE 3 ROD COVER AIRSTAR LIGHT	1
12	610221	LAMP 1250W BT37 (MH)	4
NS	108358	1250W VERTICAL BALLOON LIGHT RETRO FIT KIT	1

\*NS - NOT SHOWN

## 3.2 - Vertical Balloon Light Tower Cord Install Group

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# MH Balloon Light Option


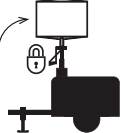


SN 08-004441 and UP  
SN 11-002445 and UP

## 3.2 - Vertical Balloon Light Tower Cord Install Group

Item	Part No.	Part Description	Qty.
1	047009	1/4 FLAT WASHER SAE SS	10
2	046015	1/4-20 x 1 HEX HEAD CS GR5 PL	5
3	044023	1/4-20 NYLOCK HEX NUT PL	5
4	920366	#16 CUSH CLAMP W/ 3/8 HOLE	1
5	101672	1" INSULATING BUSHING	2
6	120208	NYCOIL ASSEMBLY AIRSTAR CORD PRO (INCL. 2-102979)	1
	120210	NYCOIL ASSEMBLY AIRSTAR CORD MAXI (INCL. 2-102979)	1
7	102977P	CORD GRIP BRACKET	1
8	102978P	NYCOIL CLAMP PLATE	1
9	102979	CORD GRIP 90° ELBOW LIQUID TIGHT	2
NS	106875	4 LIGHT 16/8 CORD SCHEMATIC	1

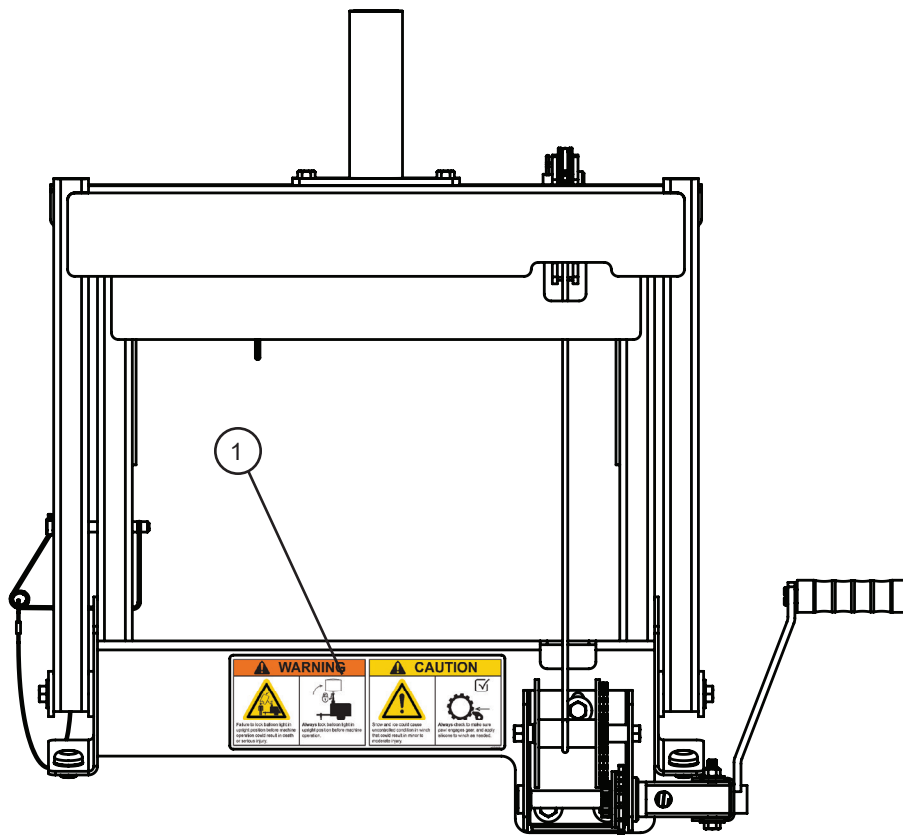
\*NS - NOT SHOWN

## 3.3 - Vertical Balloon Light Tower Decal

WARNING		CAUTION	
			
Failure to lock balloon light in upright position before machine operation could result in death or serious injury.	Always lock balloon light in upright position before machine operation.	Snow and ice could cause uncontrolled condition in winch that could result in minor to moderate injury.	Always check to make sure pawl engages gear, and apply silicone to winch as needed.

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1



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# MH Balloon Light Option

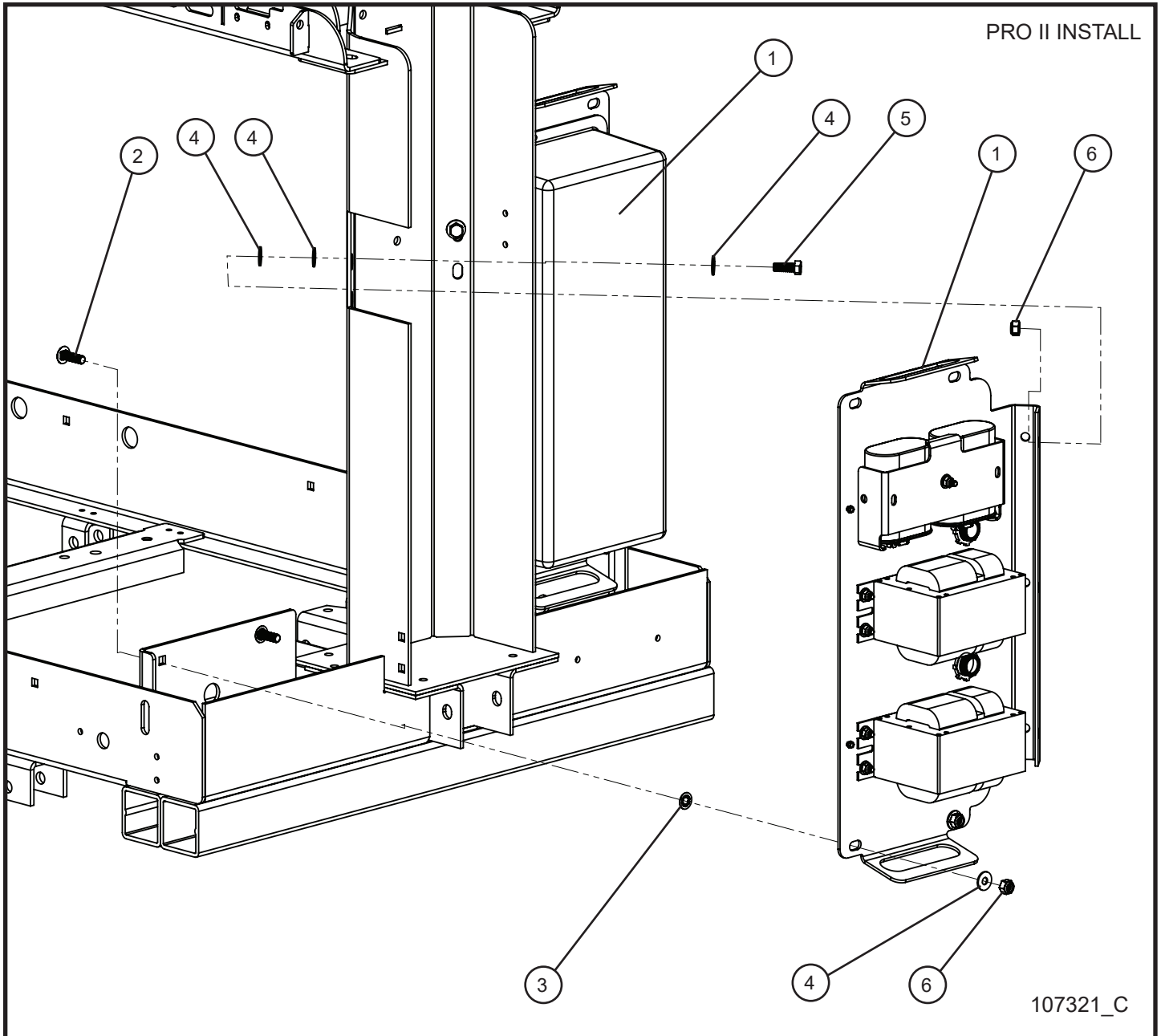
SN 08-004441 and UP  
SN 11-002445 and UP

## 3.3 - Vertical Balloon Light Tower Decal

Item	Part No.	Part Description	Qty.
1	107988	VERTICAL TOWER BALLOON LIGHT WARNING/CAUTION DECAL	1

\*NS - NOT SHOWN

## 4.1 - Night-Lite Pro II Ballast Box Install Group



# MH Balloon Light Option

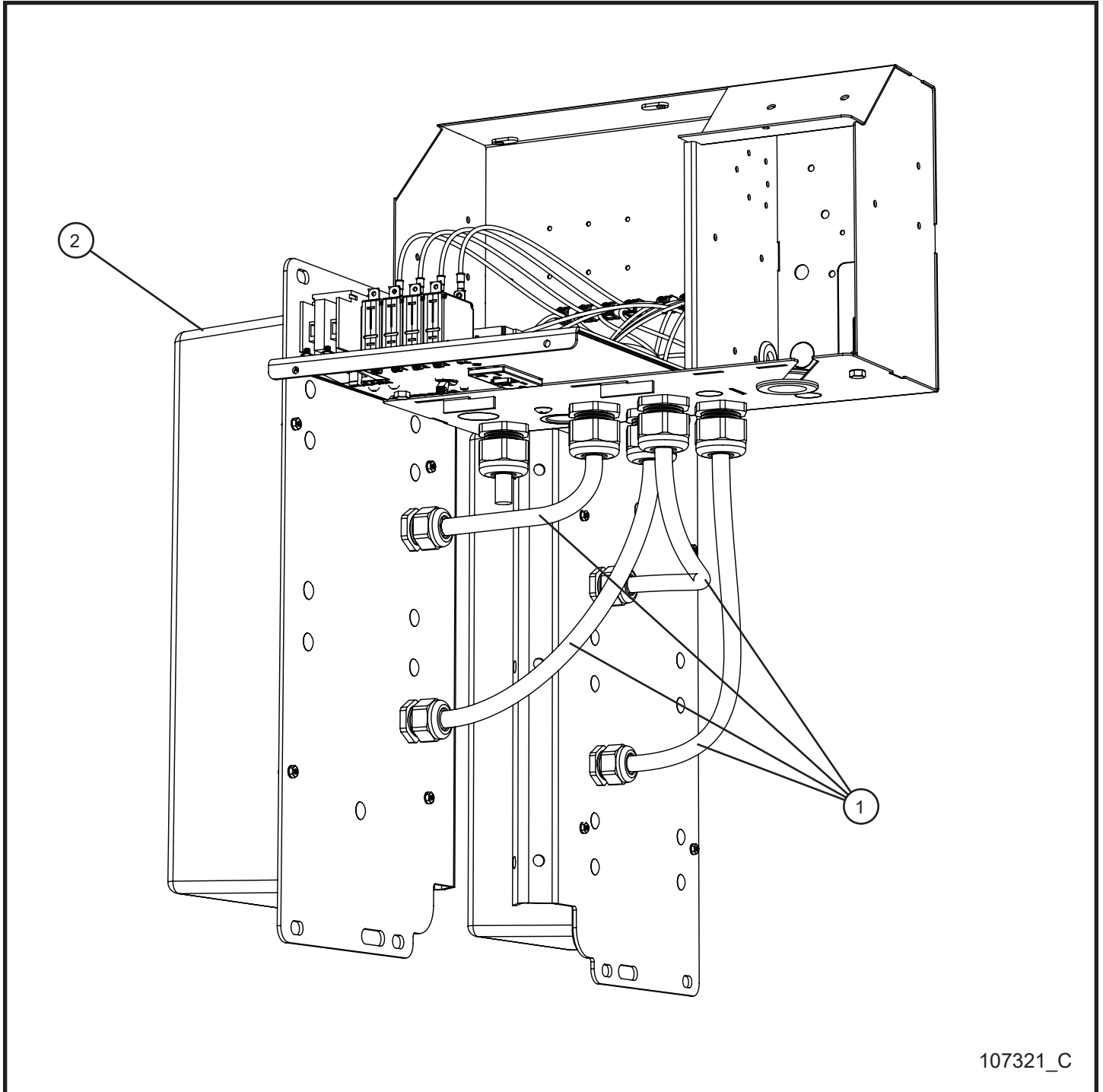
SN 07-002729 and UP  
SN 08-004441 and UP

## 4.1 - Night-Lite Pro II Ballast Box Install Group

Item	Part No.	Part Description	Qty.
1	104481	1250W-28uF 60Hz 120V BALLAST ASSEMBLY	2
2	100670	3/8-16 x 1 1/4 CARRIAGE BOLT	4
3	045218	3/8 PUSH NUT	4
4	047010	5/16 FLAT WASHER PL	10
5	046110	3/8-16 x 1 HEX HEAD CS GR5 PL	2
6	044038	3/8-16 NYLOCK HEX NUT PL	6
NS	105286	1250W 60Hz 120V BALLAST SCHEMATIC	1

\*NS - NOT SHOWN

## 4.2 - Night-Lite Pro II Ballast Box Wiring Group



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# MH Balloon Light Option

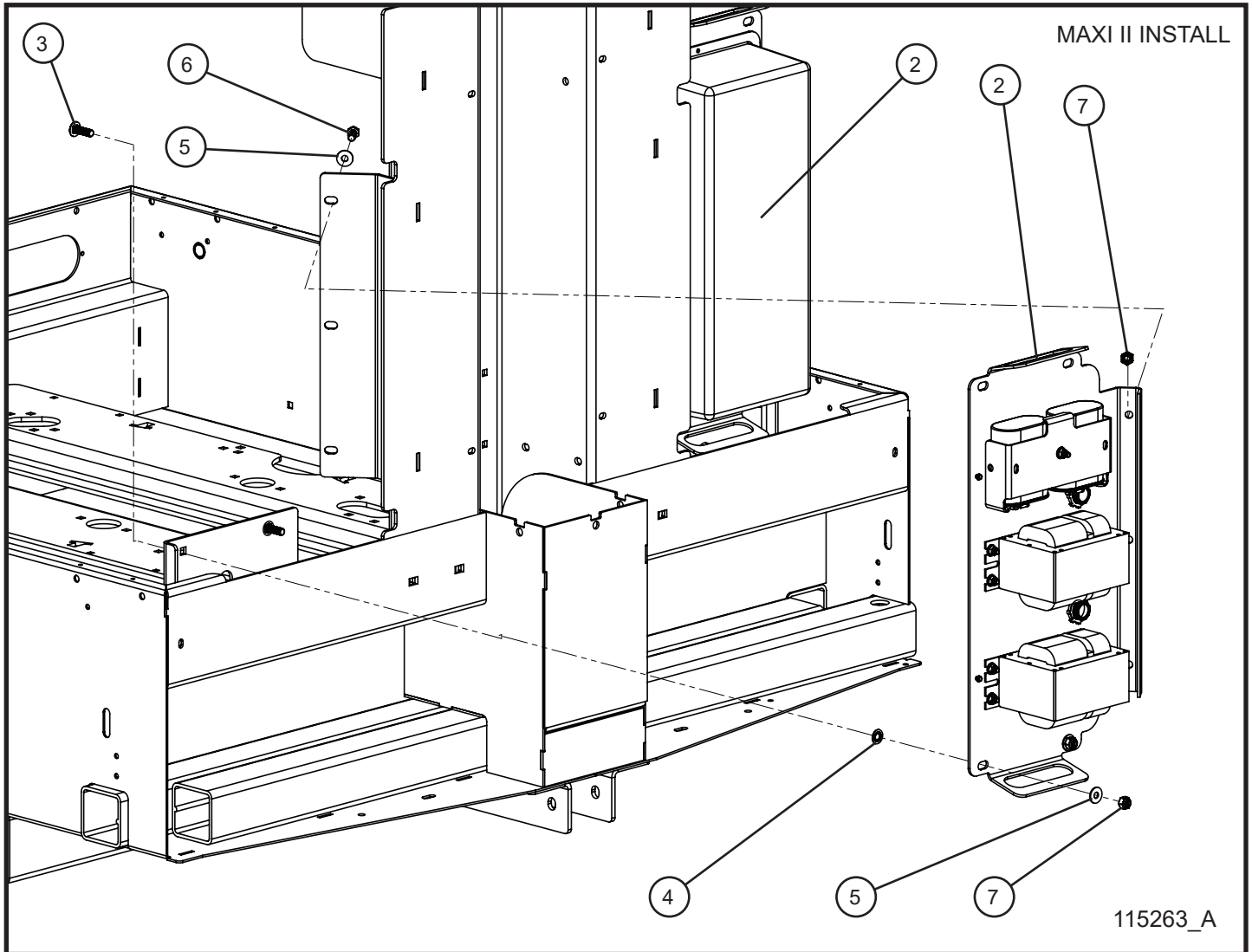
SN 07-002729 and UP  
SN 08-004441 and UP

## 4.2 - Night-Lite Pro II Ballast Box Wiring Group

Item	Part No.	Part Description	Qty.
1	103624	BALLAST CORD ASSEMBLY	4
2	104481	1250W-28uF 60Hz 120V BALLAST ASSEMBLY	2
NS	105286	1250W 60Hz 120V BALLAST SCHEMATIC	1

\*NS - NOT SHOWN

## 4.3 - Maxi-Lite Ballast Box Install Group





# MH Balloon Light Option

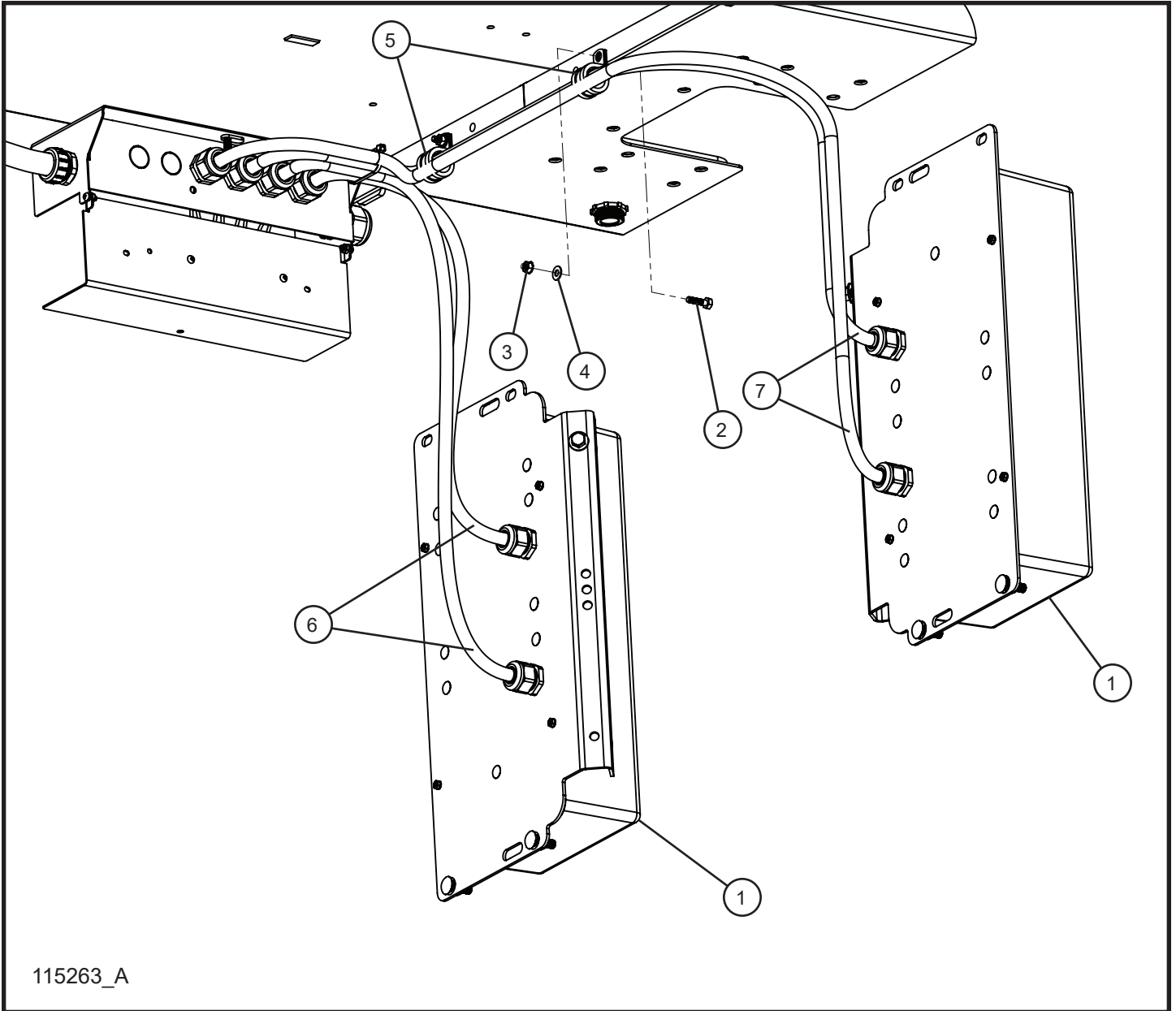
SN 11-002445 and UP

## 4.3 - Maxi-Lite Ballast Box Install Group

Item	Part No.	Part Description	Qty.
1	103624	BALLAST CORD ASSEMBLY	4
2	104481	1250W-28uF 60Hz 120V BALLAST ASSEMBLY	2
3	100670	3/8-16 x 1 1/4 CARRIAGE BOLT	4
4	045218	3/8 PUSH NUT	4
5	047010	5/16 FLAT WASHER PL	6
6	046110	3/8-16 x 1 HEX HEAD CS GR5 PL	2
7	044038	3/8-16 NYLOCK HEX NUT PL	6
NS	105286	1250W 60Hz 120V BALLAST SCHEMATIC	1

\*NS - NOT SHOWN

## 4.4 - Maxi-Lite Ballast Box Wiring Group



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# MH Balloon Light Option

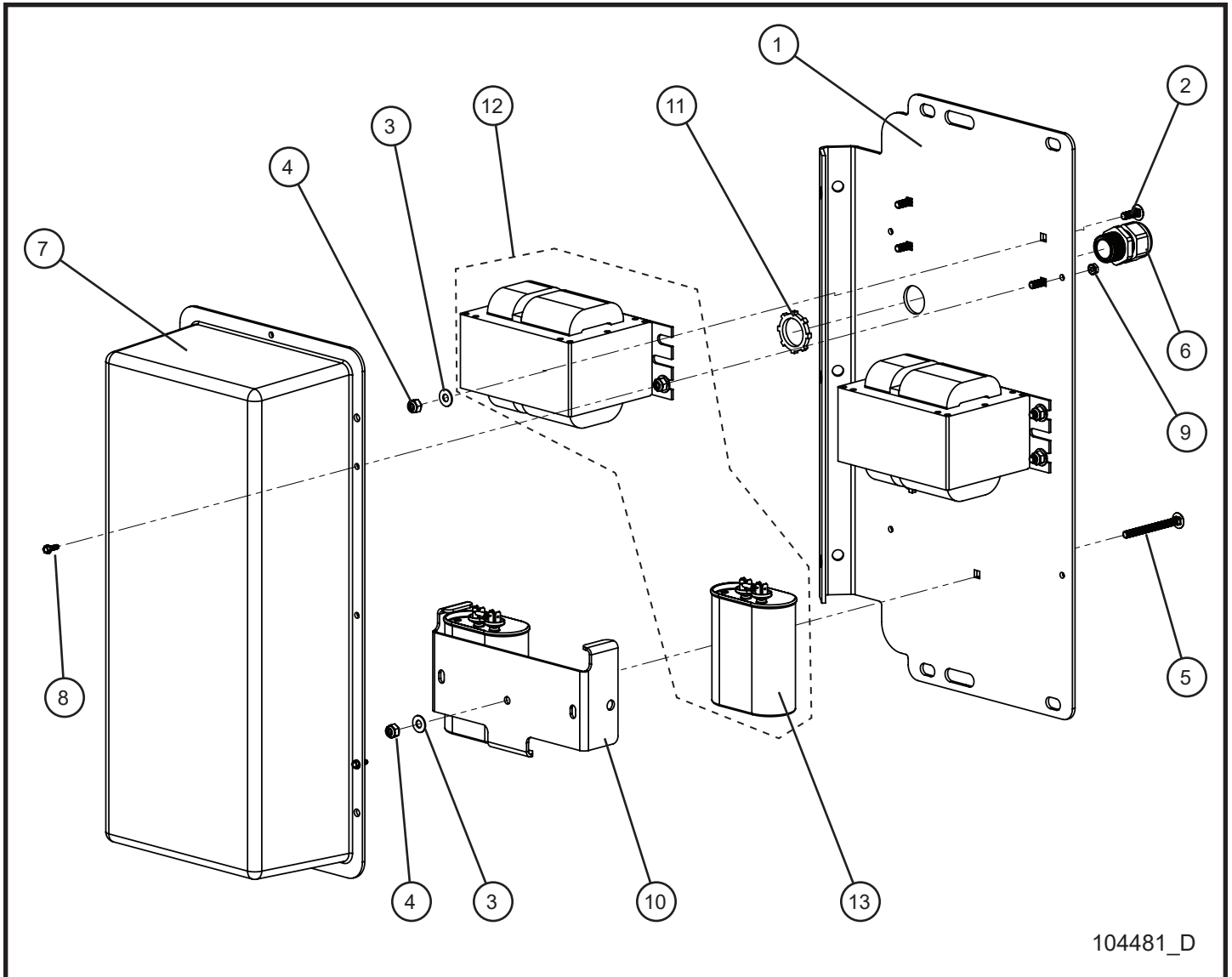
SN 11-002445 and UP

## 4.4 - Maxi-Lite Ballast Box Wiring Group

Item	Part No.	Part Description	Qty.
1	104481	1250W 60Hz 120V BALLAST BOX ASSEMBLY	2
2	046015	1/4-20 x 1 HEX HEAD BOLT	2
3	044021	1/4-20 KEPS HEX NUT	2
4	047009	1/4 FLAT WASHER	2
5	022083	#16 CUSHION CLAMP	2
6	113527	1 & 2 BALLAST CORD MAXI-LITE	2
7	113622	3 & 4 BALLAST CORD MAXI-LITE	2
NS	105286	1250W 60Hz 120V BALLAST SCHEMATIC	1

\*NS - NOT SHOWN

## 4.5 - 1250W 60Hz 120V Ballast Box Assembly



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# MH Balloon Light Option

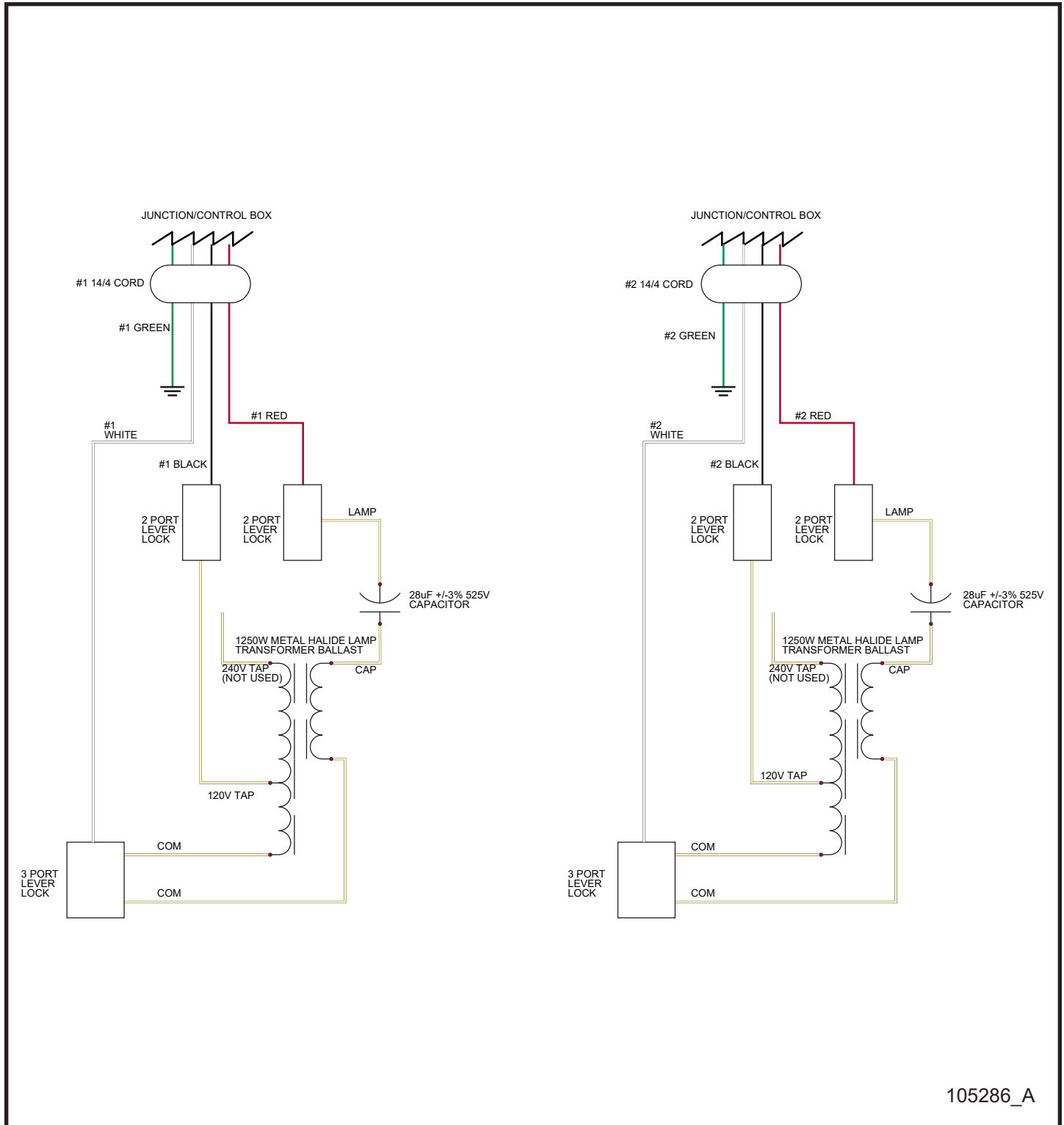
SN 07-002729 and UP  
SN 08-004441 and UP  
SN 11-002445 and UP

## 4.5 - 1250W 60Hz 120V Ballast Box Assembly

Item	Part No.	Part Description	Qty.
1	105914P	MOUNT PLATE BALLAST BOX	1
2	053006	1/4-20 x 3/4 CARRIAGE BOLT	8
3	047009	1/4 FLAT WASHER SAE SS	9
4	044023	1/4-20 NYLOCK HEX NUT PL	9
5	100718	1/4-20 x 2 1/4 CARRIAGE BOLT	1
6	105916	GRIP CORD NYLON 3/4	2
7	102752	BALLAST TOP MODULAR BOX	1
8	041029	#8-32 x 1/2 HEX WASHER HEAD SCREW	4
9	044003	#8-32 NC KEPS NUT	4
10	100392P	TABBED CAPACITOR CLAMP	1
11	022036	3/4 CORD GRIP NUT	2
12	109606	BALLAST KIT 1250W 60Hz 120/240V 28uF (INCLUDES 100329)	2
13	100329	CAPACITOR 28uF 1250W	2
NS	105286	1250W 60Hz 120V BALLAST SCHEMATIC	1

\*NS - NOT SHOWN

## 5.1 - 1250W 60Hz 120V Ballast Schematic

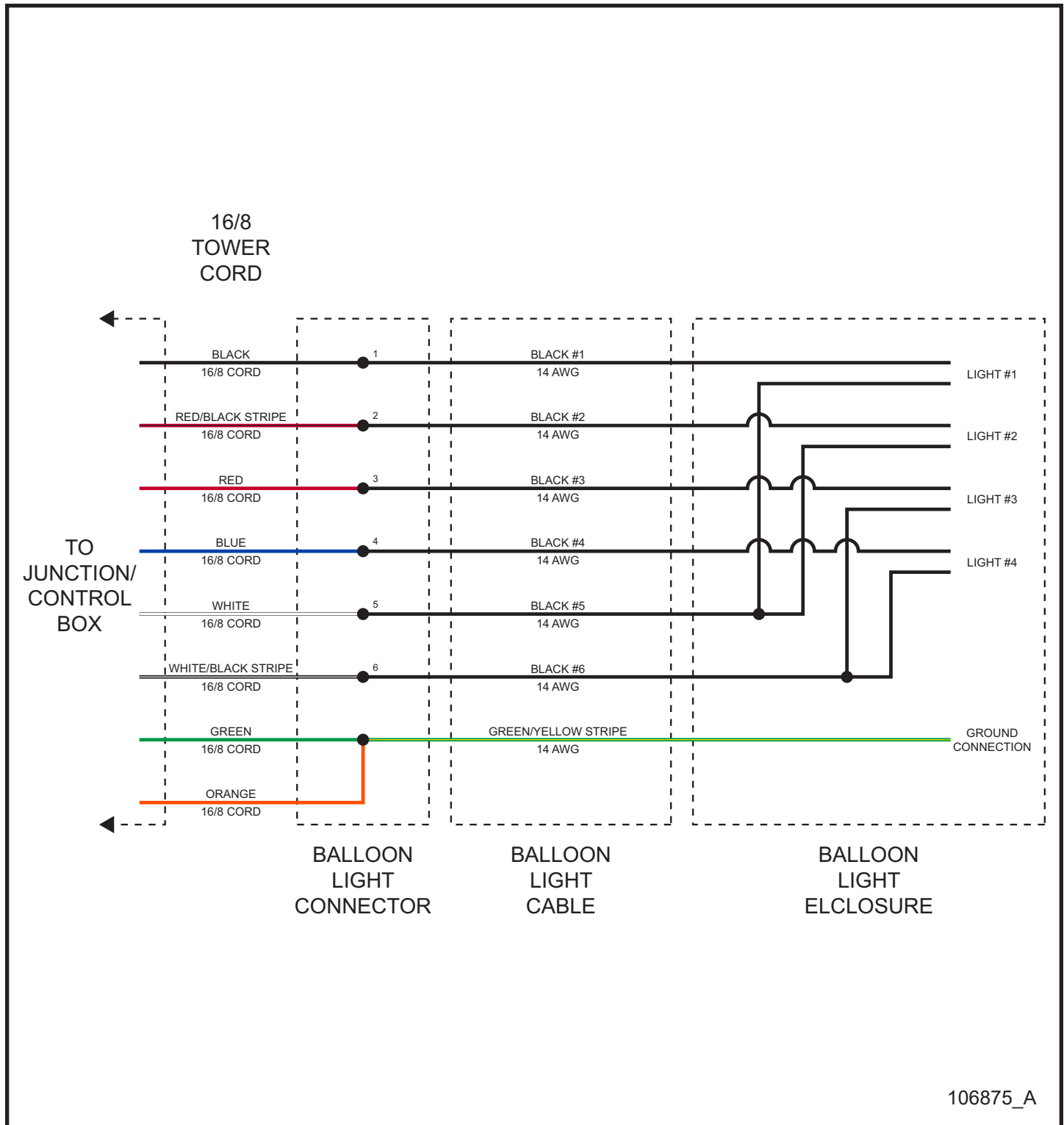


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## 5.2 - 4 Light 16/8 Cord Schematic



106875\_A

# MH Balloon Light Option



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